Serial Number	Variant	Software Version
1405A229251409	Single	1.7

MAX	89.32	121.10	214.33	367.68	60.65	4.00	MAX
AVERAGE	20.1363	20.83	21.58	23.06	37.51	3.99	AVERAGE
Units / Setting	24 hour Average ug/M^3	12 hour Average ug/M^3	1 hour Average ug/M^3	Current Conc. ug/M^3	Below 90%	Mode	Setting

Date	Time	tmoTEOMAMC 24Hr_0	tmoTEOMAMC 12Hr_0	tmoTEOMAMC 1Hr_0	tmoTEOMAMC _0	tmoTEOMA FilterLoad_ 0	tmoOperating Mode_0	tmoStatus Condition_ 0
1/13/2015	11:00:00	0.00	(null)	0.00	(null)	(null)	(null)	33554496
1/13/2015	12:00:01	0.00	0.00	0.00	0.00	20.63	1	100663360
1/13/2015	13:12:30	0.00	0.00	0.00	0.00	20.63	1	100663360
1/13/2015	14:00:17	0.00	0.00	0.00	0.00	20.63	1	100663360
1/13/2015	15:00:01	0.00	0.00	0.00	0.00	20.63	1	33554496
1/13/2015	16:00:00	0.00	0.00	0.00	0.00	21.03	0	0
1/13/2015	17:00:07	0.00	0.00	0.00	0.00	21.65	1	0
1/13/2015	18:00:00	0.00	0.00	0.00	0.00	19.20	3	0
1/13/2015	19:00:01	0.00	0.00	0.00	10.47	18.99	4	0
1/13/2015	20:00:00	0.00	0.00	0.00	11.45	18.79	4	0
1/13/2015	21:00:00	0.00	0.00	4.74	5.83	19.20	4	0
1/13/2015	22:00:01	0.00	0.00	7.47	11.87	18.79	4	0
1/13/2015	23:00:01	0.00	0.00	-0.22	-8.24	19.40	4	0
1/14/2015	0:00:01	0.00	0.00	1.82	6.20	19.60	4	0
1/14/2015	1:00:00	0.00	0.00	2.58	0.74	20.01	4	0
1/14/2015	2:00:00	0.00	0.00	1.71	-7.47	19.20	4	0
1/14/2015	3:00:01	0.00	0.00	4.10	7.59	19.20	4	0
1/14/2015	4:00:01	0.00	0.00	4.62	20.57	19.60	4	0
1/14/2015	5:00:00	0.00	0.00	3.68	3.66	18.99	4	0
1/14/2015	6:00:01	0.00	0.00	3.30	-4.70	19.20	4	0
1/14/2015	7:00:01	0.00	0.00	2.55	-4.94	19.81	4	0

2/2/2015	18:00:00	0.00	0.00	0.00	0.00	19.40	3	0
2/2/2015	19:00:00	0.00	0.00	0.00	23.23	18.99	4	0
2/2/2015	20:00:00	0.00	0.00	0.00	23.58	19.60	4	0
2/2/2015	21:00:01	0.00	0.00	22.61	25.47	19.81	4	0
2/2/2015	22:00:00	0.00	0.00	9.76	7.61	20.01	4	0
2/2/2015	23:00:00	0.00	0.00	15.25	10.88	19.40	4	0
2/3/2015	0:00:00	0.00	0.00	7.13	11.09	19.60	4	0
2/3/2015	1:00:01	0.00	0.00	8.23	8.60	19.81	4	0
2/3/2015	2:00:00	0.00	0.00	7.04	7.79	19.81	4	0
2/3/2015	3:00:00	0.00	0.00	3.93	1.44	19.40	4	0
2/3/2015	4:00:01	0.00	0.00	1.03	7.51	19.60	4	0
2/3/2015	5:00:00	0.00	0.00	5.42	-9.03	19.60	4	0
2/3/2015	6:00:00	0.00	0.00	6.72	13.59	19.40	4	0
2/3/2015	7:00:01	0.00	0.00	6.91	19.50	19.20	4	0
2/3/2015	8:00:01	0.00	8.54	8.14	-0.15	20.42	4	0
2/3/2015	9:00:00	0.00	7.53	10.82	12.69	20.01	4	0
2/3/2015	10:00:00	0.00	0.00	0.00	0.00	7.96	1	0
2/3/2015	11:00:01	0.00	0.00	0.00	0.00	19.81	4	0
2/3/2015	12:00:00	0.00	0.00	0.00	0.00	26.75	3	0
2/3/2015	13:00:00	0.00	0.00	0.00	-6.73	26.34	4	0
2/3/2015	14:00:01	0.00	0.00	0.00	0.87	19.40	4	0
2/3/2015	15:00:07	0.00	0.00	0.00	0.00	7.76	1	0
2/3/2015	16:00:01	0.00	0.00	0.00	0.00	18.79	3	0
2/3/2015	17:00:00	0.00	0.00	0.00	0.00	18.17	1	0
2/3/2015	18:00:01	0.00	0.00	0.00	0.00	18.79	3	0
2/3/2015	19:00:00	0.00	0.00	0.00	-4.92	18.17	4	0
2/3/2015	20:00:00	0.00	0.00	0.00	-1.58	18.17	4	0
2/3/2015	21:00:01	0.00	0.00	-2.67	-1.65	18.58	4	0
2/3/2015	22:00:01	0.00	0.00	-1.20	0.87	18.99	4	0
2/3/2015	23:00:00	0.00	0.00	-0.31	0.84	18.58	4	0
2/4/2015	0:00:00	0.00	0.00	1.20	1.84	18.58	4	0
2/4/2015	1:00:01	0.00	0.00	1.61	4.46	18.79	4	0
2/4/2015	2:00:01	0.00	0.00	2.31	1.66	18.38	4	0
2/4/2015	3:00:00	0.00	0.00	3.18	5.50	18.99	4	0
2/4/2015	4:00:00	0.00	0.00	2.86	-0.68	18.79	4	0
2/4/2015	5:00:01	0.00	0.00	3.30	2.41	18.99	4	0

2/4/2015	6:00:01	0.00	0.00	3.55	1.80	18.99	4	0
2/4/2015	7:00:01	0.00	0.00	3.71	-2.34	19.40	4	0
2/4/2015	8:00:01	0.00	2.19	8.62	21.84	18.99	4	0
2/4/2015	9:00:01	0.00	2.49	0.98	6.77	19.40	4	0
2/4/2015	10:00:01	0.00	0.00	0.00	0.00	20.22	3	0
2/4/2015	11:00:00	0.00	0.00	0.00	0.00	20.01	3	0
2/4/2015	15:00:00	0.00	0.00	0.00	0.00	22.87	1	33554496
2/4/2015	16:00:01	0.00	0.00	0.00	0.00	23.28	4	0
2/4/2015	17:00:00	0.00	0.00	0.00	0.00	23.69	3	0
2/4/2015	18:00:00	0.00	0.00	0.00	8.08	24.30	4	0
2/4/2015	19:00:00	0.00	0.00	2.64	1.39	24.91	4	0
2/4/2015	20:00:01	0.00	0.00	5.86	7.97	24.71	4	0
2/4/2015	21:00:01	0.00	0.00	6.01	5.59	25.32	4	0
2/4/2015	22:00:00	0.00	0.00	3.71	-3.23	25.32	4	0
2/4/2015	23:00:00	0.00	0.00	6.87	7.05	25.53	4	0
2/5/2015	0:00:01	0.00	0.00	6.44	5.08	25.73	4	0
2/5/2015	1:00:01	0.00	0.00	6.14	4.16	25.94	4	0
2/5/2015	2:00:01	0.00	0.00	6.26	6.61	26.34	4	0
2/5/2015	3:00:00	0.00	0.00	6.79	9.79	26.55	4	0
2/5/2015	4:00:00	0.00	0.00	6.31	5.37	26.55	4	0
2/5/2015	5:00:01	0.00	0.00	9.37	16.38	27.36	4	0
2/5/2015	6:00:01	0.00	0.00	20.07	28.77	27.98	4	0
2/5/2015	7:00:00	0.00	8.29	16.69	11.39	27.98	4	0
2/5/2015	8:00:00	0.00	9.29	17.17	18.68	27.57	4	0
2/5/2015	9:00:00	0.00	9.96	13.05	10.20	27.36	4	0
2/5/2015	10:00:01	0.00	0.00	0.00	0.00	25.73	1	0
2/5/2015	11:00:00	0.00	0.00	0.00	0.00	27.16	3	0
2/5/2015	12:00:00	0.00	0.00	0.00	0.00	22.67	3	0
2/5/2015	13:00:00	0.00	0.00	0.00	10.62	22.67	4	0
2/5/2015	14:00:00	0.00	0.00	0.00	29.17	22.67	4	0
2/5/2015	15:00:01	0.00	0.00	17.82	20.63	22.26	4	0
2/5/2015	16:00:01	0.00	0.00	17.76	19.86	22.26	4	0
2/5/2015	17:00:00	0.00	0.00	25.13	17.38	22.87	4	0
2/5/2015	18:00:00	0.00	0.00	16.53	20.50	23.08	4	0
2/5/2015	19:00:01	0.00	0.00	35.70	41.27	23.08	4	0
2/5/2015	20:00:01	0.00	0.00	19.93	19.63	23.48	4	0

2/5/2015	21:00:01	0.00	0.00	46.54	49.00	23.48	4	0
2/5/2015	22:00:01	0.00	0.00	24.71	13.23	23.89	4	0
2/5/2015	23:00:00	0.00	0.00	24.71	15.75	24.10	4	0
2/6/2015	0:00:00	0.00	0.00	10.99	12.48	23.28	4	0
2/6/2015	1:00:01	0.00	23.08	12.83	10.96	23.28	4	0
2/6/2015	2:00:01	0.00	21.44	8.62	6.18	24.30	4	0
2/6/2015	3:00:00	0.00	20.76	10.14	16.39	23.69	4	0
2/6/2015	4:00:00	0.00	20.76	10.14	8.43	23.69	4	0
2/6/2015	5:00:01	0.00	19.30	12.81	16.01	24.51	4	0
2/6/2015	6:00:01	0.00	19.62	19.98	26.87	24.71	4	0
2/6/2015	7:00:00	0.00	18.79	25.65	25.42	24.71	4	0
2/6/2015	8:00:00	0.00	19.31	26.19	19.82	24.91	4	0
2/6/2015	9:00:00	0.00	17.97	31.34	41.76	24.71	4	0
2/6/2015	10:00:01	0.00	18.37	28.17	20.40	24.51	4	0
2/6/2015	11:00:01	0.00	18.78	24.06	28.13	24.10	4	0
2/6/2015	12:00:00	0.00	20.92	35.23	39.21	24.51	4	0
2/6/2015	13:00:00	0.00	23.21	39.77	46.82	25.12	4	0
2/6/2015	14:00:00	24.04	25.74	39.04	46.35	25.53	4	0
2/6/2015	15:00:01	25.71	29.72	57.78	65.08	25.94	4	0
2/6/2015	16:00:01	27.33	33.54	57.81	55.54	25.94	4	0
2/6/2015	17:00:00	28.57	37.19	58.61	69.82	26.55	4	0
2/6/2015	18:00:00	29.97	39.73	51.49	53.42	26.34	4	0
2/6/2015	19:00:01	29.80	40.43	36.95	26.13	26.34	4	0
2/6/2015	20:00:01	30.02	40.41	27.53	29.03	26.75	4	0
2/6/2015	21:00:00	28.31	38.51	11.96	9.89	27.36	4	0
2/6/2015	22:00:00	28.04	37.74	18.89	9.59	27.16	4	0
2/6/2015	23:00:00	27.66	36.67	12.56	8.10	27.36	4	0
2/7/2015	0:00:00	28.02	35.35	16.98	26.47	27.36	4	0
2/7/2015	1:00:00	28.17	33.28	11.13	7.77	27.36	4	0
2/7/2015	2:00:00	28.38	31.14	11.96	10.70	27.77	4	0
2/7/2015	3:00:01	28.23	27.17	12.10	15.37	27.98	4	0
2/7/2015	4:00:01	28.06	23.11	8.91	7.29	27.77	4	0
2/7/2015	5:00:00	27.94	19.10	9.48	9.64	28.18	4	0
2/7/2015	6:00:00	27.46	15.73	11.08	7.65	28.59	4	0
2/7/2015	7:00:01	27.20	14.02	15.11	8.60	28.18	4	0
2/7/2015	8:00:01	28.13	15.20	40.07	63.46	27.77	4	0

2/7/2015	9:00:00	28.66	17.61	39.75	42.02	27.16	4	0
2/7/2015	10:00:00	28.69	18.23	25.83	31.84	27.98	4	0
2/7/2015	11:00:01	29.31	20.39	38.51	39.62	28.18	4	0
2/7/2015	12:00:01	29.65	22.39	40.40	43.47	27.77	4	0
2/7/2015	13:00:00	29.68	24.83	40.19	47.25	28.59	4	0
2/7/2015	14:00:00	30.15	27.98	48.99	41.64	28.59	4	0
2/7/2015	15:00:00	30.02	31.63	56.19	60.32	28.59	4	0
2/7/2015	16:00:01	29.84	35.54	57.33	55.59	28.39	4	0
2/7/2015	17:00:01	29.77	39.68	60.02	66.33	29.20	4	0
2/7/2015	18:00:00	29.57	42.82	51.11	52.95	29.20	4	0
2/7/2015	19:00:00	29.43	44.40	34.29	31.18	29.61	4	0
2/7/2015	20:00:01	29.91	44.26	36.07	35.76	29.20	4	0
2/7/2015	21:00:01	31.05	44.29	43.59	18.50	29.00	4	0
2/7/2015	22:00:01	30.75	43.23	15.46	13.01	29.20	4	0
2/7/2015	23:00:01	30.83	41.19	12.42	11.74	29.00	4	0
Study Start Date 2/8/15								
2/8/2015	0:00:01	30.54	38.71	10.59	10.38	29.61	4	0
2/8/2015	1:00:00	30.22	35.87	9.01	10.80	29.82	4	0
2/8/2015	2:00:01	30.11	32.68	10.51	9.01	29.82	4	0
2/8/2015	3:00:01	29.97	28.90	10.57	13.02	29.82	4	0
2/8/2015	4:00:00	30.06	25.16	11.68	11.38	30.02	4	0
2/8/2015	5:00:00	30.18	21.28	12.52	19.28	30.22	4	0
2/8/2015	6:00:01	30.31	18.22	13.62	13.14	30.43	4	0
2/8/2015	7:00:01	30.36	16.83	17.40	22.98	30.84	4	0
2/8/2015	8:00:00	29.72	15.81	22.82	17.81	30.22	4	0
2/8/2015	9:00:00	28.85	13.72	17.88	15.80	30.63	4	0
2/8/2015	10:00:00	28.76	14.24	21.19	23.16	30.63	4	0
2/8/2015	11:00:01	28.08	14.92	20.11	19.05	31.24	4	0
2/8/2015	12:00:01	27.47	16.15	25.18	21.53	31.04	4	0
2/8/2015	13:00:00	26.65	17.32	24.09	22.46	31.45	4	0
2/8/2015	14:00:00	25.57	18.30	22.15	23.77	31.65	4	0
2/8/2015	15:00:01	24.24	19.59	27.64	33.41	31.45	4	0
2/8/2015	16:00:01	22.72	20.35	21.43	19.05	31.65	4	0
2/8/2015	17:00:00	20.82	20.51	15.36	10.01	32.06	4	0
2/8/2015	18:00:00	19.19	20.34	12.01	13.60	31.86	4	0
2/8/2015	19:00:01	18.41	20.17	15.71	20.74	31.65	4	0

2/8/2015	20:00:01	17.50	19.40	13.33	9.12	31.65	4	0
2/8/2015	21:00:01	16.10	18.73	10.34	14.39	32.27	4	0
2/8/2015	22:00:00	15.74	17.58	7.40	5.76	32.47	4	0
2/8/2015	23:00:00	15.56	16.63	8.63	10.03	32.27	4	0
2/9/2015	0:00:01	15.54	15.46	10.85	5.92	32.27	4	0
2/9/2015	1:00:01	15.66	14.53	12.42	15.09	32.67	4	0
2/9/2015	2:00:00	15.76	13.83	13.27	10.11	32.67	4	0
2/9/2015	3:00:00	15.94	12.82	14.84	14.93	32.88	4	0
2/9/2015	4:00:01	16.06	12.29	14.71	16.07	32.88	4	0
2/9/2015	5:00:01	16.10	12.15	13.37	11.52	32.88	4	0
2/9/2015	6:00:01	16.11	12.28	13.40	8.78	32.47	4	0
2/9/2015	7:00:00	15.94	12.12	13.83	14.10	32.67	4	0
2/9/2015	8:00:00	15.59	12.16	13.55	10.98	32.88	4	0
2/9/2015	9:00:01	15.44	12.46	13.86	15.25	33.08	4	0
2/9/2015	10:00:01	15.20	13.04	14.06	14.01	33.08	4	0
2/9/2015	11:00:00	14.98	13.48	13.71	11.52	32.88	4	0
2/9/2015	12:00:00	14.59	13.75	13.47	13.28	32.88	4	0
2/9/2015	13:00:00	14.14	13.75	12.23	12.20	32.88	4	0
2/9/2015	14:00:01	13.78	13.70	12.52	11.24	32.67	4	0
2/9/2015	15:00:01	13.18	13.48	12.22	12.06	32.47	4	0
2/9/2015	16:00:00	12.73	13.13	11.01	11.62	33.29	4	0
2/9/2015	17:00:00	12.58	12.96	11.18	10.37	32.67	4	0
2/9/2015	18:00:01	12.55	12.80	11.83	13.85	33.70	4	0
2/9/2015	19:00:01	12.43	12.72	13.36	14.53	33.49	4	0
2/9/2015	20:00:00	12.31	12.46	10.60	12.67	33.49	4	0
2/9/2015	21:00:00	12.37	12.29	12.27	13.50	33.49	4	0
2/9/2015	22:00:00	12.43	11.94	10.49	15.04	33.90	4	0
2/9/2015	23:00:01	12.52	11.75	11.83	13.92	34.72	4	0
2/10/2015	0:00:01	12.55	11.63	12.10	7.01	34.51	4	0
2/10/2015	1:00:00	12.60	11.80	14.34	8.40	34.72	4	0
2/10/2015	2:00:00	12.63	11.92	13.88	14.53	35.33	4	0
2/10/2015	3:00:01	12.61	12.12	14.25	13.58	35.12	4	0
2/10/2015	4:00:01	12.40	12.03	9.96	9.70	35.12	4	0
2/10/2015	5:00:00	12.23	11.86	8.85	6.71	35.12	4	0
2/10/2015	6:00:00	12.27	12.01	12.74	9.39	35.12	4	0
2/10/2015	7:00:01	12.24	11.96	12.27	17.53	34.92	4	0

2/10/2015	8:00:01	12.42	12.49	16.16	18.25	34.92	4	0
2/10/2015	9:00:01	12.67	13.06	18.18	15.87	34.31	4	0
2/10/2015	10:00:00	12.89	13.67	16.45	18.95	34.10	4	0
2/10/2015	11:00:00	13.33	14.68	23.87	23.36	33.70	4	0
2/10/2015	12:00:01	13.66	15.36	19.52	24.33	33.90	4	0
2/10/2015	13:00:01	14.35	16.51	28.29	33.36	34.10	4	0
2/10/2015	14:00:00	14.92	17.52	26.63	24.12	34.51	4	0
2/10/2015	15:00:00	15.78	19.04	33.18	40.76	33.90	4	0
2/10/2015	16:00:01	16.86	21.26	37.09	31.15	34.31	4	0
2/10/2015	17:00:01	17.26	22.27	21.68	12.94	34.51	4	0
2/10/2015	18:00:00	17.26	22.27	21.68	14.75	33.90	4	0
2/10/2015	19:00:00	17.32	22.39	13.24	15.09	34.51	4	0
2/10/2015	20:00:01	17.71	22.64	18.54	31.33	33.70	4	0
2/10/2015	21:00:01	17.77	22.26	13.99	16.04	34.31	4	0
2/10/2015	22:00:00	18.27	22.77	22.21	13.89	34.51	4	0
2/10/2015	23:00:00	19.15	23.54	33.77	20.06	34.10	4	0
2/11/2015	0:00:01	19.48	23.59	19.70	11.65	33.70	4	0
2/11/2015	1:00:01	19.67	22.82	18.24	32.90	33.70	4	0
2/11/2015	2:00:02	20.96	24.39	45.74	52.75	34.31	4	0
2/11/2015	3:00:00	21.74	24.36	32.27	16.44	33.90	4	0
2/11/2015	4:00:00	21.78	22.19	11.18	10.18	34.31	4	0
2/11/2015	5:00:01	21.94	21.37	11.25	10.79	34.10	4	0
2/11/2015	6:00:00	21.82	21.03	10.80	12.61	33.90	4	0
2/11/2015	7:00:00	21.85	20.99	12.55	13.18	34.51	4	0
2/11/2015	8:00:00	21.73	20.58	13.74	15.05	34.10	4	0
2/11/2015	9:00:01	21.60	20.70	15.44	20.59	34.10	4	0
2/11/2015	10:00:01	21.34	19.70	10.46	3.47	34.10	4	0
2/11/2015	11:00:00	20.40	17.05	2.61	5.98	34.10	4	0
2/11/2015	12:00:00	19.79	15.85	5.87	5.20	33.90	4	0
2/11/2015	13:00:01	18.86	14.88	6.81	7.15	34.72	4	0
2/11/2015	14:00:01	18.04	11.63	6.93	9.05	34.51	4	0
2/11/2015	15:00:01	17.01	9.75	9.95	12.23	34.72	4	0
2/11/2015	16:00:00	15.91	9.72	10.88	15.62	34.51	4	0
2/11/2015	17:00:00	15.40	9.70	11.39	14.63	35.12	4	0
2/11/2015	18:00:01	15.09	9.54	9.27	6.00	34.72	4	0
2/11/2015	19:00:01	14.89	9.31	9.90	12.85	35.94	4	0

2/11/2015	20:00:00	14.46	8.90	8.77	9.43	36.35	4	0
2/11/2015	21:00:00	14.25	8.47	10.14	9.71	35.94	4	0
2/11/2015	22:00:01	13.81	8.58	11.64	13.29	36.35	4	0
2/11/2015	23:00:01	12.85	9.23	10.72	11.55	36.76	4	0
2/12/2015	0:00:00	12.41	9.49	8.94	9.27	37.17	4	0
2/12/2015	1:00:00	12.10	9.76	9.76	11.44	36.55	4	0
2/12/2015	2:00:01	10.69	10.10	11.08	13.87	36.35	4	0
2/12/2015	3:00:01	9.86	10.21	11.23	12.55	36.35	4	0
2/12/2015	4:00:00	9.79	10.11	9.59	9.97	36.76	4	0
2/12/2015	5:00:00	9.68	9.91	8.95	6.20	37.37	4	0
2/12/2015	6:00:00	9.56	9.81	8.22	6.44	37.37	4	0
2/12/2015	7:00:01	9.44	9.77	9.54	12.36	37.78	4	0
2/12/2015	8:00:00	9.26	9.80	9.03	9.55	37.17	4	0
2/12/2015	9:00:00	8.90	9.46	5.74	2.38	37.98	4	0
2/12/2015	10:00:00	8.85	9.22	8.25	10.01	36.76	4	0
2/12/2015	11:00:01	9.20	9.23	10.47	10.41	36.15	4	0
2/12/2015	12:00:00	9.80	10.17	20.17	27.93	36.96	4	0
2/12/2015	13:00:00	10.09	10.52	14.11	18.10	36.76	4	0
2/12/2015	14:00:01	10.14	10.27	8.14	8.64	36.55	4	0
2/12/2015	15:00:01	10.17	10.19	10.06	18.64	37.17	4	0
2/12/2015	16:00:00	10.20	10.33	11.17	12.72	36.96	4	0
2/12/2015	17:00:00	10.29	10.71	13.95	9.19	37.58	4	0
2/12/2015	18:00:01	10.61	11.47	17.64	11.64	37.58	4	0
2/12/2015	19:00:01	10.89	12.04	16.50	31.10	37.78	4	0
2/12/2015	20:00:00	11.03	12.28	11.99	9.17	38.39	4	0
2/12/2015	21:00:00	11.02	12.62	9.83	7.15	37.98	4	0
2/12/2015	22:00:00	10.88	12.62	8.30	9.86	37.98	4	0
2/12/2015	23:00:01	11.50	13.89	25.94	32.14	37.98	4	0
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2/13/2015	2:00:00	15.93	21.74	17.02	19.18	38.80	4	0
2/13/2015	3:00:00	17.09	24.15	39.02	40.61	39.00	4	0
2/13/2015	4:00:00	18.33	26.50	39.11	30.71	39.00	4	0
2/13/2015	5:00:01	19.73	28.87	42.02	56.15	38.80	4	0
2/13/2015	6:00:01	21.10	30.78	38.39	37.13	38.39	4	0
2/13/2015	7:00:01	22.08	32.16	32.59	48.54	38.80	4	0

2/13/2015	8:00:00	24.02	35.69	51.14	46.71	38.19	4	0
2/13/2015	9:00:00	26.04	39.30	49.26	58.31	37.37	4	0
2/13/2015	10:00:01	27.83	42.81	48.17	46.77	37.37	4	0
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2/13/2015	12:00:00	31.05	44.89	47.83	39.02	37.17	4	0
2/13/2015	13:00:00	32.57	43.19	46.24	55.35	36.55	4	0
2/13/2015	14:00:00	33.66	44.57	34.18	20.67	36.76	4	0
2/13/2015	15:00:01	34.52	43.66	28.77	38.17	36.55	4	0
2/13/2015	16:00:01	34.97	42.02	20.37	16.20	36.55	4	0
2/13/2015	17:00:00	35.15	39.85	17.56	15.18	36.35	4	0
2/13/2015	18:00:00	35.11	37.92	17.22	18.92	36.55	4	0
2/13/2015	19:00:01	35.20	36.60	17.12	18.61	36.55	4	0
2/13/2015	20:00:01	35.30	33.33	13.43	13.64	35.94	4	0
2/13/2015	21:00:02	35.48	30.22	12.99	11.58	36.15	4	0
2/13/2015	22:00:00	35.59	26.97	10.60	10.92	36.15	4	0
2/13/2015	23:00:00	35.02	23.49	12.14	12.41	36.15	4	0
2/14/2015	0:00:01	33.27	20.59	13.99	12.26	36.15	4	0
2/14/2015	1:00:01	30.92	17.85	13.87	12.26	35.94	4	0
2/14/2015	2:00:00	30.76	16.15	14.45	16.92	36.35	4	0
2/14/2015	3:00:00	29.56	14.84	13.57	10.96	36.55	4	0
2/14/2015	4:00:01	28.09	13.81	8.66	13.20	36.76	4	0
2/14/2015	5:00:01	26.50	13.12	10.11	9.36	37.17	4	0
2/14/2015	6:00:00	25.22	12.64	11.92	21.18	37.78	4	0
2/14/2015	7:00:00	24.50	12.70	18.05	17.24	37.78	4	0
2/14/2015	8:00:01	23.17	13.58	24.77	33.07	38.39	4	0
2/14/2015	9:00:01	21.90	14.33	22.56	22.01	38.19	4	0
2/14/2015	10:00:01	20.80	15.40	23.80	26.95	38.19	4	0
2/14/2015	11:00:00	19.46	16.13	20.56	16.54	38.19	4	0
2/14/2015	12:00:00	18.19	16.49	18.67	18.07	38.80	4	0
2/14/2015	13:00:01	17.10	17.02	20.15	16.16	38.39	4	0
2/14/2015	14:00:01	16.43	17.30	17.55	15.00	38.80	4	0
2/14/2015	15:00:00	15.98	17.70	18.66	36.58	38.80	4	0
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2/14/2015	18:00:01	15.79	19.41	18.85	23.87	39.41	4	0
2/14/2015	19:00:01	15.85	19.50	19.50	38.04	39.21	4	0

2/14/2015	20:00:00	16.00	18.92	17.30	19.12	39.82	4	0
2/14/2015	21:00:00	16.11	18.37	15.54	16.14	40.23	4	0
2/14/2015	22:00:01	16.32	17.72	15.39	13.45	40.43	4	0
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2/15/2015	0:00:00	16.25	16.62	12.62	13.00	40.84	4	0
2/15/2015	1:00:00	16.20	15.95	11.24	13.51	40.23	4	0
2/15/2015	2:00:01	16.09	15.46	11.19	10.76	41.25	4	0
2/15/2015	3:00:01	15.90	14.62	8.14	8.66	40.84	4	0
2/15/2015	4:00:00	15.92	13.87	8.48	4.60	40.43	4	0
2/15/2015	5:00:00	15.80	13.14	6.87	7.69	41.05	4	0
2/15/2015	6:00:01	15.67	12.24	7.51	7.88	41.05	4	0
2/15/2015	7:00:01	15.21	11.19	6.95	10.22	40.84	4	0
2/15/2015	8:00:00	14.64	10.53	8.93	13.24	40.43	4	0
2/15/2015	9:00:00	14.28	10.17	10.36	10.62	39.82	4	0
2/15/2015	10:00:00	13.78	9.67	8.81	9.38	39.21	4	0
2/15/2015	11:00:01	13.36	9.26	8.48	7.42	39.21	4	0
2/15/2015	12:00:01	13.06	9.04	9.81	6.85	39.21	4	0
2/15/2015	13:00:00	12.67	8.96	10.55	19.80	39.00	4	0
2/15/2015	14:00:00	12.60	9.24	14.35	22.29	39.21	4	0
2/15/2015	15:00:01	12.21	9.34	9.68	6.53	39.00	4	0
2/15/2015	16:00:01	11.83	9.41	9.67	8.00	38.39	4	0
2/15/2015	17:00:01	11.58	9.65	9.81	12.54	39.41	4	0
2/15/2015	18:00:00	11.28	10.04	12.62	16.97	39.41	4	0
2/15/2015	19:00:00	10.97	10.47	12.16	6.86	39.41	4	0
2/15/2015	20:00:01	10.96	11.16	17.54	13.09	39.00	4	0
2/15/2015	21:00:01	10.79	11.24	11.25	16.00	39.21	4	0
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2/16/2015	1:00:01	10.33	11.68	10.35	5.46	39.41	4	0
2/16/2015	2:00:00	10.24	11.26	9.18	9.77	39.82	4	0
2/16/2015	3:00:01	10.21	11.10	7.70	8.25	39.82	4	0
2/16/2015	4:00:01	10.15	10.91	7.76	14.46	39.82	4	0
2/16/2015	5:00:00	10.13	10.66	7.16	4.36	40.03	4	0
2/16/2015	6:00:00	10.25	10.50	10.70	15.61	40.64	4	0
2/16/2015	7:00:01	10.62	10.82	15.92	17.89	40.43	4	0

2/16/2015	8:00:01	11.08	11.00	19.13	31.05	40.43	4	0
2/16/2015	9:00:00	11.52	11.76	20.00	24.93	39.21	4	0
2/16/2015	10:00:00	11.52	11.76	20.00	17.58	39.62	4	0
2/16/2015	11:00:01	12.37	13.00	17.19	23.48	39.41	4	0
2/16/2015	12:00:01	12.73	13.61	17.50	19.59	38.80	4	0
2/16/2015	13:00:01	13.02	14.21	17.73	10.53	38.80	4	0
2/16/2015	14:00:00	13.20	14.96	17.76	33.70	39.21	4	0
2/16/2015	15:00:00	13.56	15.89	19.68	38.31	39.82	4	0
2/16/2015	16:00:01	13.86	16.64	16.58	16.01	39.00	4	0
2/16/2015	17:00:01	14.23	17.64	20.16	11.56	39.62	4	0
2/16/2015	18:00:00	14.68	18.71	23.78	37.05	39.62	4	0
2/16/2015	19:00:00	15.47	19.97	31.59	27.22	39.62	4	0
2/16/2015	20:00:01	15.34	19.58	14.43	15.28	40.03	4	0
2/16/2015	21:00:00	15.54	19.24	16.02	12.62	39.62	4	0
2/16/2015	22:00:00	15.92	19.31	19.30	19.66	39.00	4	0
2/16/2015	23:00:01	16.31	19.59	20.28	17.38	40.03	4	0
2/17/2015	0:00:01	16.39	19.18	12.43	15.15	39.62	4	0
2/17/2015	1:00:00	16.44	18.65	11.13	12.10	39.82	4	0
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2/17/2015	3:00:01	16.83	17.70	14.25	17.50	39.41	4	0
2/17/2015	4:00:01	17.26	17.79	16.85	19.10	39.62	4	0
2/17/2015	5:00:00	17.26	17.79	16.85	19.24	39.21	4	0
2/17/2015	6:00:00	18.17	17.37	20.42	23.55	38.80	4	0
2/17/2015	7:00:01	18.29	16.29	19.10	14.47	39.21	4	0
2/17/2015	8:00:01	17.96	16.15	13.79	12.63	39.62	4	0
2/17/2015	9:00:01	17.60	15.78	11.74	30.64	39.41	4	0
2/17/2015	10:00:00	17.52	15.62	17.77	20.96	39.62	4	0
2/17/2015	11:00:01	17.95	16.21	27.21	23.59	39.00	4	0
2/17/2015	12:00:01	18.24	17.19	24.15	25.10	39.62	4	0
2/17/2015	13:00:01	18.78	18.73	28.67	28.17	39.00	4	0
2/17/2015	14:00:00	18.79	19.30	18.31	11.90	39.21	4	0
2/17/2015	15:00:00	18.64	19.52	17.63	23.19	39.82	4	0
2/17/2015	16:00:01	18.76	19.74	19.45	12.35	40.23	4	0
2/17/2015	17:00:01	18.66	19.71	18.64	14.41	40.03	4	0
2/17/2015	18:00:00	18.27	19.29	15.93	15.45	39.62	4	0
2/17/2015	19:00:00	17.85	19.56	22.68	22.88	40.03	4	0

2/17/2015	20:00:01	17.96	19.83	16.99	11.96	40.23	4	0
2/17/2015	21:00:00	17.87	20.06	15.02	14.56	40.43	4	0
2/17/2015	22:00:00	17.64	19.79	15.12	15.38	40.43	4	0
2/17/2015	23:00:01	17.37	18.70	14.03	14.45	40.84	4	0
2/18/2015	0:00:01	17.39	17.87	14.89	15.70	41.25	4	0
2/18/2015	1:00:01	17.55	16.75	14.49	17.47	41.25	4	0
2/18/2015	2:00:00	17.71	16.50	14.73	16.39	40.84	4	0
2/18/2015	3:00:00	17.78	16.36	15.78	17.26	41.25	4	0
2/18/2015	4:00:01	17.64	15.90	13.79	12.85	41.05	4	0
2/18/2015	5:00:01	17.30	15.28	11.50	12.75	41.46	4	0
2/18/2015	6:00:00	16.99	15.08	13.73	14.67	41.66	4	0
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2/18/2015	9:00:01	17.72	15.64	18.06	20.77	41.25	4	0
2/18/2015	10:00:01	17.66	15.76	16.52	17.81	41.66	4	0
2/18/2015	11:00:00	17.27	16.03	17.13	13.89	41.66	4	0
2/18/2015	12:00:00	17.09	16.40	19.19	27.62	41.66	4	0
2/18/2015	13:00:01	16.90	17.13	23.04	31.48	41.86	4	0
2/18/2015	14:00:01	17.01	17.63	20.81	20.07	41.05	4	0
2/18/2015	15:00:00	17.14	18.09	21.98	18.36	41.46	4	0
2/18/2015	16:00:00	17.48	19.21	27.36	26.74	41.46	4	0
2/18/2015	17:00:00	17.56	19.99	21.54	24.99	42.27	4	0
2/18/2015	18:00:01	17.81	20.71	23.55	24.64	42.27	4	0
2/18/2015	19:00:01	17.85	21.00	23.77	32.43	42.48	4	0
2/18/2015	20:00:00	17.97	20.84	20.12	20.19	42.68	4	0
2/18/2015	21:00:00	18.14	20.97	20.13	23.58	42.88	4	0
2/18/2015	22:00:00	18.29	21.15	18.58	19.07	42.88	4	0
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2/19/2015	0:00:01	18.40	20.79	15.68	15.64	42.88	4	0
2/19/2015	1:00:00	18.46	20.22	15.88	16.62	43.50	4	0
2/19/2015	2:00:00	18.51	19.87	16.69	17.75	43.09	4	0
2/19/2015	3:00:01	18.47	19.30	14.89	14.87	43.70	4	0
2/19/2015	4:00:01	18.43	18.16	13.37	15.94	44.11	4	0
2/19/2015	5:00:01	18.62	17.73	16.14	24.87	44.11	4	0
2/19/2015	6:00:00	18.72	17.19	17.18	15.54	44.11	4	0
2/19/2015	7:00:00	18.89	17.20	23.53	56.92	44.52	4	0

2/19/2015	8:00:01	19.36	18.13	29.68	22.91	43.91	4	0
2/19/2015	9:00:01	19.47	18.07	18.37	21.09	43.50	4	0
2/19/2015	10:00:00	19.55	17.95	16.43	12.01	43.50	4	0
2/19/2015	11:00:00	19.71	18.25	18.81	15.42	43.29	4	0
2/19/2015	12:00:01	19.62	18.31	16.40	18.11	43.09	4	0
2/19/2015	13:00:01	19.47	18.51	18.02	22.51	42.48	4	0
2/19/2015	14:00:01	19.20	18.26	13.61	14.31	43.09	4	0
2/19/2015	15:00:00	19.07	18.53	18.19	49.12	42.68	4	0
2/19/2015	16:00:00	18.92	19.34	23.15	20.36	42.48	4	0
2/19/2015	17:00:01	18.57	19.07	13.43	16.66	43.09	4	0
2/19/2015	18:00:01	18.12	18.73	14.39	15.25	42.88	4	0
2/19/2015	19:00:00	18.26	19.05	28.24	51.93	43.70	4	0
2/19/2015	20:00:00	18.46	18.65	25.65	34.73	43.50	4	0
2/19/2015	21:00:00	18.83	19.56	29.94	35.87	43.70	4	0
2/19/2015	22:00:01	19.64	21.43	39.37	27.50	44.31	4	0
2/19/2015	23:00:01	20.09	22.12	27.04	25.42	44.11	4	0
2/20/2015	0:00:00	20.39	22.64	22.22	23.18	44.72	4	0
2/20/2015	1:00:00	20.77	23.32	27.09	21.20	44.52	4	0
2/20/2015	2:00:01	21.36	24.73	29.81	31.03	44.52	4	0
2/20/2015	3:00:01	22.01	25.74	29.38	14.82	44.31	4	0
2/20/2015	4:00:00	22.41	25.71	21.77	25.10	44.31	4	0
2/20/2015	5:00:00	22.43	25.90	13.87	12.68	43.91	4	0
2/20/2015	6:00:01	22.66	26.49	19.06	29.62	43.29	4	0
2/20/2015	7:00:01	23.58	27.92	45.03	72.87	43.29	4	0
2/20/2015	8:00:01	24.47	29.99	49.69	42.30	43.09	4	0
2/20/2015	9:00:00	25.53	31.01	40.60	37.94	42.68	4	0
2/20/2015	10:00:01	28.20	34.25	77.41	76.07	42.48	4	0
2/20/2015	11:00:01	30.11	37.26	62.69	46.87	42.27	4	0
2/20/2015	12:00:01	31.23	38.85	40.11	39.04	41.86	4	0
2/20/2015	13:00:00	32.21	39.86	37.93	50.17	42.07	4	0
2/20/2015	14:00:00	33.60	41.09	44.32	45.28	41.25	4	0
2/20/2015	15:00:01	34.59	41.98	40.12	47.29	41.46	4	0
2/20/2015	16:00:00	35.99	44.83	56.38	48.87	41.46	4	0
2/20/2015	17:00:00	37.62	47.97	50.61	76.95	41.66	4	0
2/20/2015	18:00:00	39.64	51.71	66.90	75.43	41.66	4	0
2/20/2015	19:00:01	41.25	53.51	68.71	79.51	41.86	4	0

2/20/2015	20:00:00	43.01	54.99	69.31	65.17	42.27	4	0
2/20/2015	21:00:00	44.58	57.28	69.28	61.78	42.07	4	0
2/20/2015	22:00:00	45.69	56.47	71.01	65.39	42.07	4	0
2/20/2015	23:00:01	47.89	57.82	78.03	80.11	42.07	4	0
2/21/2015	0:00:01	49.56	59.71	63.33	40.71	42.68	4	0
2/21/2015	1:00:00	50.45	60.71	49.91	47.97	43.09	4	0
2/21/2015	2:00:00	52.07	62.83	69.32	73.86	42.27	4	0
2/21/2015	3:00:01	52.98	63.94	54.14	37.93	43.29	4	0
2/21/2015	4:00:01	52.94	61.07	21.86	20.93	42.88	4	0
2/21/2015	5:00:01	52.98	58.17	15.94	17.66	42.48	4	0
2/21/2015	6:00:00	52.87	53.93	14.84	18.17	42.88	4	0
2/21/2015	7:00:00	51.63	49.55	15.58	16.92	42.88	4	0
2/21/2015	8:00:01	50.69	45.95	24.31	28.69	42.68	4	0
2/21/2015	9:00:01	49.81	41.75	18.32	18.93	42.48	4	0
2/21/2015	10:00:00	47.59	37.63	19.90	16.33	42.48	4	0
2/21/2015	11:00:00	46.23	33.45	27.62	39.74	41.86	4	0
2/21/2015	12:00:01	45.73	30.17	23.30	23.47	42.68	4	0
2/21/2015	13:00:01	44.87	27.71	23.05	25.36	42.68	4	0
2/21/2015	14:00:00	44.87	27.71	23.05	25.42	43.70	4	0
2/21/2015	15:00:00	43.00	20.97	23.56	24.74	43.09	4	0
2/21/2015	16:00:01	41.22	20.54	17.69	17.91	43.29	4	0
2/21/2015	17:00:01	39.99	20.83	19.16	18.41	42.48	4	0
2/21/2015	18:00:00	38.00	21.41	22.42	24.59	42.48	4	0
2/21/2015	19:00:00	36.06	22.07	23.88	31.11	42.07	4	0
2/21/2015	20:00:01	34.07	21.95	23.19	27.66	43.29	4	0
2/21/2015	21:00:01	32.35	22.76	27.78	36.74	42.68	4	0
2/21/2015	22:00:01	30.65	23.80	32.80	30.82	42.48	4	0
2/21/2015	23:00:00	28.62	24.12	31.65	37.49	43.29	4	0
2/22/2015	0:00:00	26.84	24.01	22.23	11.85	43.29	4	0
2/22/2015	1:00:01	25.44	23.53	17.01	15.78	43.29	4	0
2/22/2015	2:00:01	22.94	22.61	12.43	9.16	43.50	4	0
2/22/2015	3:00:00	21.01	21.44	10.49	2.56	44.11	4	0
2/22/2015	4:00:00	20.41	20.73	10.45	14.50	44.52	4	0
2/22/2015	5:00:00	20.19	20.15	12.73	16.65	45.13	4	0
2/22/2015	6:00:01	20.00	19.26	12.33	14.82	44.72	4	0
2/22/2015	7:00:01	19.89	18.40	12.96	18.15	44.93	4	0

2/22/2015	8:00:00	19.49	17.72	14.44	12.10	45.54	4	0
2/22/2015	9:00:00	19.19	16.37	10.49	10.05	45.13	4	0
2/22/2015	10:00:01	18.94	14.81	13.06	17.95	45.13	4	0
2/22/2015	11:00:01	18.46	13.48	14.67	15.91	44.93	4	0
2/22/2015	12:00:01	18.02	12.66	11.63	15.83	44.93	4	0
2/22/2015	13:00:00	17.67	12.37	12.97	20.49	44.52	4	0
2/22/2015	14:00:00	17.21	12.33	12.20	22.10	45.13	4	0
2/22/2015	15:00:01	16.90	12.70	14.49	21.82	44.93	4	0
2/22/2015	16:00:01	16.54	12.66	10.65	7.37	45.74	4	0
2/22/2015	17:00:00	16.25	12.62	12.44	14.92	45.74	4	0
2/22/2015	18:00:00	15.84	12.69	13.90	11.97	45.95	4	0
2/22/2015	19:00:00	15.60	13.13	18.86	22.13	46.36	4	0
2/22/2015	20:00:01	15.13	12.96	12.83	12.93	46.97	4	0
2/22/2015	21:00:01	14.56	13.17	13.20	13.23	47.58	4	0
2/22/2015	22:00:00	13.89	13.37	15.33	17.72	47.38	4	0
2/22/2015	23:00:00	13.10	13.11	11.52	6.42	47.79	4	0
2/23/2015	0:00:01	12.76	13.24	12.94	11.49	47.79	4	0
2/23/2015	1:00:01	12.51	13.08	11.13	8.04	47.58	4	0
2/23/2015	2:00:00	12.50	13.07	12.04	13.11	48.40	4	0
2/23/2015	3:00:00	12.53	12.81	10.97	15.60	48.40	4	0
2/23/2015	4:00:00	12.59	12.97	12.87	11.95	48.81	4	0
2/23/2015	5:00:01	12.63	13.07	13.29	8.90	48.40	4	0
2/23/2015	6:00:01	13.51	14.72	33.65	36.44	49.22	4	0
2/23/2015	7:00:00	13.83	14.85	19.76	59.31	49.01	4	0
2/23/2015	8:00:01	14.41	16.05	26.03	14.73	48.19	4	0
2/23/2015	9:00:01	14.80	16.50	17.20	17.88	47.99	4	0
2/23/2015	10:00:01	15.36	17.34	24.20	18.41	47.38	4	0
2/23/2015	11:00:00	15.42	17.62	13.87	11.41	47.17	4	0
2/23/2015	12:00:00	15.66	17.96	17.33	18.04	47.17	4	0
2/23/2015	13:00:01	15.66	18.07	12.31	25.23	47.38	4	0
2/23/2015	14:00:01	15.83	18.36	15.39	12.29	47.17	4	0
2/23/2015	15:00:01	15.90	18.74	15.42	17.86	46.97	4	0
2/23/2015	16:00:00	16.15	18.96	15.04	9.75	46.36	4	0
2/23/2015	17:00:01	16.14	18.88	13.13	24.42	47.17	4	0
2/23/2015	18:00:00	15.98	16.86	11.34	9.36	47.99	4	0
2/23/2015	19:00:00	16.18	17.15	23.97	25.48	47.99	4	0

2/23/2015	20:00:01	17.02	17.74	34.08	37.32	47.79	4	0
2/23/2015	21:00:01	18.87	21.05	56.51	137.08	48.19	4	0
2/23/2015	22:00:01	22.08	26.69	91.43	94.08	47.58	4	0
2/23/2015	23:00:00	26.38	35.08	114.32	138.77	47.79	4	0
2/24/2015	0:00:01	29.85	41.59	93.63	82.77	47.58	4	0
2/24/2015	1:00:01	30.42	42.64	24.81	31.43	48.40	4	0
2/24/2015	2:00:01	32.51	46.50	60.13	65.06	47.99	4	0
2/24/2015	3:00:00	33.82	48.79	43.66	45.53	47.79	4	0
2/24/2015	4:00:00	35.79	52.57	59.99	64.44	48.19	4	0
2/24/2015	5:00:01	38.15	57.30	69.22	46.08	48.19	4	0
2/24/2015	6:00:01	40.25	63.44	83.74	114.85	48.19	4	0
2/24/2015	7:00:00	43.12	68.80	85.33	113.01	47.99	4	0
2/24/2015	8:00:00	46.37	74.50	96.17	81.50	47.38	4	0
2/24/2015	9:00:01	49.27	76.78	78.75	81.51	46.76	4	0
2/24/2015	10:00:01	51.78	75.80	75.63	73.12	46.56	4	0
2/24/2015	11:00:00	54.68	72.56	73.58	77.00	45.95	4	0
2/24/2015	12:00:00	56.32	68.68	42.28	52.39	44.93	4	0
2/24/2015	13:00:00	58.05	70.91	50.72	42.82	45.34	4	0
2/24/2015	14:00:01	58.78	68.23	27.68	21.82	44.52	4	0
2/24/2015	15:00:01	59.28	66.54	23.63	32.41	44.52	4	0
2/24/2015	16:00:00	59.64	63.13	21.28	22.60	44.11	4	0
2/24/2015	17:00:00	60.12	59.01	23.54	20.47	44.93	4	0
2/24/2015	18:00:01	59.99	52.70	17.26	19.81	44.93	4	0
2/24/2015	19:00:01	59.56	46.47	15.37	15.89	45.13	4	0
2/24/2015	20:00:01	58.53	39.24	14.92	19.77	44.93	4	0
2/24/2015	21:00:00	56.69	34.31	24.73	28.82	45.54	4	0
2/24/2015	22:00:00	53.76	30.35	30.55	31.07	45.54	4	0
2/24/2015	23:00:01	49.90	26.92	34.46	29.98	46.15	4	0
2/25/2015	0:00:01	46.96	26.28	36.22	42.77	46.15	4	0
2/25/2015	1:00:00	47.09	24.63	30.46	31.83	46.15	4	0
2/25/2015	2:00:00	45.54	24.81	30.42	31.30	46.76	4	0
2/25/2015	3:00:01	44.50	24.70	22.06	13.51	47.17	4	0
2/25/2015	4:00:01	42.42	24.05	13.13	7.51	46.76	4	0
2/25/2015	5:00:00	39.97	23.44	16.58	23.21	46.76	4	0
2/25/2015	6:00:00	37.13	23.77	21.88	35.91	46.97	4	0
2/25/2015	7:00:01	36.08	27.63	61.31	113.05	47.58	4	0

2/25/2015	8:00:01	34.09	30.17	42.17	17.76	46.56	4	0
2/25/2015	9:00:01	32.04	30.39	24.62	24.74	46.36	4	0
2/25/2015	10:00:00	29.97	29.89	22.18	28.97	46.76	4	0
2/25/2015	11:00:00	0.00	0.00	0.00	0.00	46.36	3	0
2/25/2015	12:00:01	0.00	0.00	0.00	28.17	46.76	4	0
2/25/2015	13:00:01	0.00	0.00	0.00	24.95	46.97	4	0
2/25/2015	14:00:00	0.00	0.00	29.51	27.18	46.56	4	0
2/25/2015	15:00:00	0.00	0.00	22.55	18.57	46.36	4	0
2/25/2015	16:00:01	0.00	0.00	15.08	14.49	46.97	4	0
2/25/2015	17:00:01	0.00	0.00	21.84	52.40	47.17	4	0
2/25/2015	18:00:00	0.00	0.00	13.93	11.57	46.97	4	0
2/25/2015	19:00:00	0.00	0.00	12.68	14.89	46.76	4	0
2/25/2015	20:00:01	0.00	0.00	12.44	11.64	47.38	4	0
2/25/2015	21:00:01	0.00	0.00	7.39	11.86	47.17	4	0
2/25/2015	22:00:00	0.00	0.00	4.55	1.74	47.58	4	0
2/25/2015	23:00:00	0.00	0.00	4.66	3.75	47.58	4	0
2/26/2015	0:00:01	0.00	14.50	5.02	3.28	47.79	4	0
2/26/2015	1:00:00	0.00	12.74	4.81	3.62	47.58	4	0
2/26/2015	2:00:00	0.00	10.84	6.67	8.22	48.19	4	0
2/26/2015	3:00:01	0.00	9.51	6.28	5.94	47.79	4	0
2/26/2015	4:00:01	0.00	8.96	8.23	8.42	48.40	4	0
2/26/2015	5:00:00	0.00	7.63	5.68	9.97	48.19	4	0
2/26/2015	6:00:00	0.00	7.20	8.64	9.23	48.40	4	0
2/26/2015	7:00:01	0.00	6.78	7.51	10.45	47.99	4	0
2/26/2015	8:00:01	0.00	6.42	7.82	11.17	48.40	4	0
2/26/2015	9:00:00	0.00	6.47	7.83	7.16	48.40	4	0
2/26/2015	10:00:00	0.00	6.84	9.06	6.24	48.19	4	0
2/26/2015	11:00:01	0.00	7.27	9.64	9.78	48.40	4	0
2/26/2015	12:00:01	0.00	7.46	7.12	5.70	47.79	4	0
2/26/2015	13:00:01	10.34	7.99	11.27	9.40	47.79	4	0
2/26/2015	14:00:00	9.63	8.43	12.01	12.43	47.99	4	0
2/26/2015	15:00:01	9.10	8.70	9.50	10.13	47.99	4	0
2/26/2015	16:00:01	8.74	8.58	7.37	6.09	49.42	4	0
2/26/2015	17:00:01	8.18	8.80	8.67	13.64	49.01	4	0
2/26/2015	18:00:00	8.11	9.09	12.43	15.70	49.42	4	0
2/26/2015	19:00:00	8.06	9.44	12.23	12.04	50.44	4	0

2/26/2015	20:00:01	8.03	9.74	11.65	10.55	50.44	4	0
2/26/2015	21:00:01	8.19	10.04	11.68	12.58	50.64	4	0
2/26/2015	22:00:00	8.50	10.34	13.35	20.83	51.46	4	0
2/26/2015	23:00:00	9.46	11.87	27.98	44.63	51.67	4	0
2/27/2015	0:00:01	10.09	12.98	20.84	22.02	51.87	4	0
2/27/2015	1:00:01	11.18	14.69	31.50	32.95	52.69	4	0
2/27/2015	2:00:00	11.96	15.84	25.84	28.38	53.10	4	0
2/27/2015	3:00:00	12.75	17.18	25.48	25.79	53.50	4	0
2/27/2015	4:00:00	13.38	18.53	24.06	25.95	53.30	4	0
2/27/2015	5:00:01	13.86	19.26	17.18	11.12	53.30	4	0
2/27/2015	6:00:01	14.80	20.84	31.32	28.45	53.50	4	0
2/27/2015	7:00:00	16.43	23.71	45.98	96.22	53.10	4	0
2/27/2015	8:00:00	17.12	24.72	21.50	22.10	52.89	4	0
2/27/2015	9:00:01	17.67	25.39	15.55	22.78	51.67	4	0
2/27/2015	10:00:01	18.07	25.72	14.61	17.01	50.85	4	0
2/27/2015	11:00:01	18.39	24.77	16.35	16.64	50.64	4	0
2/27/2015	12:00:00	18.98	24.63	16.25	17.94	50.03	4	0
2/27/2015	13:00:01	19.04	22.96	12.95	10.03	50.03	4	0
2/27/2015	14:00:01	19.26	22.10	15.51	17.55	49.42	4	0
2/27/2015	15:00:01	19.41	20.99	13.61	19.62	50.03	4	0
2/27/2015	16:00:00	19.67	19.99	12.80	10.10	49.22	4	0
2/27/2015	17:00:00	19.77	19.51	13.03	11.92	50.24	4	0
2/27/2015	18:00:01	19.80	18.04	16.53	12.88	51.05	4	0
2/27/2015	19:00:01	20.60	16.89	35.34	52.90	52.07	4	0
2/27/2015	20:00:01	23.86	22.77	93.70	108.03	51.87	4	0
2/27/2015	21:00:00	28.82	32.47	133.18	169.99	53.30	4	0
2/27/2015	22:00:00	30.95	36.79	68.59	29.84	53.91	4	0
2/27/2015	23:00:01	31.09	38.07	31.77	24.54	53.91	4	0
2/28/2015	0:00:00	31.74	39.91	39.88	21.84	54.12	4	0
2/28/2015	1:00:00	31.18	40.34	18.06	14.09	54.52	4	0
2/28/2015	2:00:00	30.73	40.38	16.08	12.50	54.73	4	0
2/28/2015	3:00:01	30.23	40.43	14.72	17.59	55.14	4	0
2/28/2015	4:00:01	29.89	40.74	15.97	13.60	54.12	4	0
2/28/2015	5:00:00	29.72	40.81	14.86	14.62	54.93	4	0
2/28/2015	6:00:00	29.07	40.77	14.99	17.02	54.93	4	0
2/28/2015	7:00:01	27.83	39.26	16.28	18.13	55.14	4	0

2/28/2015	8:00:01	28.32	34.00	21.12	29.98	53.30	4	0
2/28/2015	9:00:00	28.85	24.81	18.99	20.80	52.28	4	0
2/28/2015	10:00:00	29.75	21.17	21.77	29.24	50.64	4	0
2/28/2015	11:06:22	0.00	0.00	0.00	0.00	45.3352	1	0
2/28/2015	12:00:01	0.00	0.00	0.00	0.00	24.5055	3	0
2/28/2015	13:00:00	0.00	0.00	0.00	16.57	24.0971	4	0
2/28/2015	14:00:00	0.00	0.00	0.00	14.61	24.0971	4	0
2/28/2015	15:00:01	0.00	0.00	12.80	10.23	24.5055	4	0
2/28/2015	16:00:01	0.00	0.00	24.55	72.45	24.7097	4	0
2/28/2015	17:00:01	0.00	0.00	12.36	16.50	24.9139	4	0
2/28/2015	18:00:00	0.00	0.00	18.42	24.92	24.5055	4	0
2/28/2015	19:00:00	0.00	0.00	13.43	14.74	25.3223	4	0
2/28/2015	20:00:01	0.00	0.00	11.45	12.06	25.1181	4	0
2/28/2015	21:00:01	0.00	0.00	12.99	11.03	25.5265	4	0
2/28/2015	22:00:00	0.00	0.00	12.89	12.37	26.1392	4	0
2/28/2015	23:00:00	0.00	0.00	11.68	14.82	25.935	4	0
3/1/2015	0:00:01	0.00	0.00	9.61	8.92	26.1392	4	0
3/1/2015	1:00:01	0.00	0.00	9.92	9.42	26.3434	4	0
3/1/2015	2:00:00	0.00	13.30	9.67	7.63	26.5476	4	0
3/1/2015	3:00:00	0.00	12.94	8.63	5.99	26.7518	4	0
3/1/2015	4:00:00	0.00	11.64	9.02	12.99	26.956	4	0
3/1/2015	5:00:01	0.00	11.39	9.59	7.76	27.7729	4	0
3/1/2015	6:00:01	0.00	10.66	9.46	9.39	27.3645	4	0
3/1/2015	7:00:00	0.00	10.40	10.21	7.19	28.3855	4	0
3/1/2015	8:00:00	0.00	10.57	12.93	16.03	27.9771	4	0
3/1/2015	9:00:01	0.00	10.56	12.53	9.07	28.3855	4	0
3/1/2015	10:00:01	0.00	10.89	16.38	10.67	28.3855	4	0
3/1/2015	11:00:00	0.00	10.72	9.55	11.80	28.794	4	0
3/1/2015	12:00:00	0.00	11.34	17.08	15.04	28.9982	4	0
3/1/2015	13:00:01	0.00	11.62	12.99	13.84	28.9982	4	0
3/1/2015	14:00:01	12.65	11.83	12.45	10.90	29.4066	4	0
3/1/2015	15:00:00	12.65	11.83	12.45	17.05	29.4066	4	0
3/1/2015	16:00:00	12.06	12.28	10.54	6.41	29.20	4	0
3/1/2015	17:00:00	11.97	12.36	11.44	8.82	29.61	4	0
3/1/2015	18:00:01	11.62	12.46	11.44	14.76	30.84	4	0
3/1/2015	19:00:01	11.57	12.66	13.05	13.54	31.04	4	0

3/1/2015	20:00:00	11.65	12.75	14.71	18.10	31.45	4	0
3/1/2015	21:00:00	11.74	12.97	15.00	12.29	31.24	4	0
3/1/2015	22:00:00	11.80	12.79	13.97	10.80	31.45	4	0
3/1/2015	23:00:01	11.77	12.94	11.44	9.95	31.86	4	0
3/2/2015	0:00:00	11.77	12.37	10.41	10.34	32.06	4	0
3/2/2015	1:00:00	11.83	12.31	12.62	12.48	32.47	4	0
3/2/2015	2:00:00	11.94	12.32	12.51	11.73	32.27	4	0
3/2/2015	3:00:01	12.26	12.75	18.20	25.61	33.08	4	0
3/2/2015	4:00:01	13.19	14.52	31.82	34.10	33.49	4	0
3/2/2015	5:00:00	13.19	14.52	31.82	13.52	33.49	4	0
3/2/2015	6:00:00	13.87	15.66	21.51	27.74	34.10	4	0
3/2/2015	7:00:00	14.58	16.85	26.88	34.24	34.10	4	0
3/2/2015	8:00:01	15.62	18.55	30.83	40.00	33.49	4	0
3/2/2015	9:00:01	15.67	18.38	11.89	9.68	33.08	4	0
3/2/2015	10:00:00	15.99	19.08	20.05	19.60	32.67	4	0
3/2/2015	11:00:01	16.46	19.76	18.20	16.01	32.67	4	0
3/2/2015	12:00:02	16.31	19.99	12.76	11.14	32.67	4	0
3/2/2015	13:00:00	16.45	20.25	16.03	15.45	33.08	4	0
3/2/2015	14:00:01	16.76	20.81	18.88	23.62	33.29	4	0
3/2/2015	15:00:01	17.00	20.72	16.97	24.34	33.49	4	0
3/2/2015	16:00:00	17.74	20.38	31.16	73.02	33.49	4	0
3/2/2015	17:00:00	19.96	24.47	65.32	55.89	33.08	4	0
3/2/2015	18:00:01	21.45	26.54	47.44	61.22	32.27	4	0
3/2/2015	19:00:01	23.55	29.56	65.29	71.82	33.29	4	0
3/2/2015	20:00:00	23.55	29.56	65.29	32.52	34.10	4	0
3/2/2015	21:00:00	25.99	33.24	20.48	13.73	33.90	4	0
3/2/2015	22:00:00	26.18	33.15	19.51	18.69	34.10	4	0
3/2/2015	23:00:01	26.30	32.83	14.20	15.24	33.90	4	0
3/3/2015	0:00:01	26.55	33.12	15.47	17.21	33.70	4	0
3/3/2015	1:00:00	26.62	32.94	12.68	13.24	33.70	4	0
3/3/2015	2:00:00	26.67	32.52	13.50	13.78	33.90	4	0
3/3/2015	3:00:00	26.50	32.29	12.82	27.32	33.90	4	0
3/3/2015	4:00:00	26.03	31.54	22.53	30.09	33.70	4	0
3/3/2015	5:00:00	26.08	27.37	14.48	6.90	33.70	4	0
3/3/2015	6:00:01	25.87	24.76	15.81	14.25	34.51	4	0
3/3/2015	7:00:01	25.62	21.01	21.13	11.81	34.10	4	0

3/3/2015	8:00:00	25.96	18.58	37.42	43.50	33.90	4	0
3/3/2015	9:00:00	27.24	20.31	41.28	43.71	34.10	4	0
3/3/2015	10:00:01	29.31	24.41	68.56	81.83	33.70	4	0
3/3/2015	11:00:01	30.75	27.56	51.84	40.70	34.31	4	0
3/3/2015	12:00:01	31.30	28.28	23.18	12.93	33.70	4	0
3/3/2015	13:00:00	31.07	28.08	10.28	7.04	33.70	4	0
3/3/2015	14:00:00	30.72	27.84	11.00	11.91	33.29	4	0
3/3/2015	15:00:01	30.53	27.78	12.01	10.36	34.10	4	0
3/3/2015	16:00:01	29.47	26.51	8.71	8.50	34.51	4	0
3/3/2015	17:00:00	29.47	26.51	8.71	12.47	33.70	4	0
3/3/2015	18:00:00	25.21	25.28	8.55	6.41	34.31	4	0
3/3/2015	19:00:00	22.67	24.13	8.48	11.34	34.51	4	0
3/3/2015	20:00:01	20.10	21.57	7.25	9.54	34.31	4	0
3/3/2015	21:00:01	19.60	18.94	10.42	6.11	34.72	4	0
3/3/2015	22:00:00	19.24	14.23	11.81	10.85	34.72	4	0
3/3/2015	23:00:00	19.13	10.92	11.59	9.53	34.92	4	0
3/4/2015	0:00:01	18.83	9.86	10.55	9.40	34.51	4	0
3/4/2015	1:00:01	18.63	9.79	9.51	7.70	35.12	4	0
3/4/2015	2:00:00	18.48	9.85	11.94	17.03	35.33	4	0
3/4/2015	3:00:00	18.26	9.78	11.71	16.39	36.35	4	0
3/4/2015	4:00:01	17.85	10.21	14.08	15.34	36.35	4	0
3/4/2015	5:00:01	17.83	10.85	16.86	18.00	37.17	4	0
3/4/2015	6:00:01	17.80	11.47	16.09	15.63	36.96	4	0
3/4/2015	7:00:00	17.56	12.06	15.42	15.54	36.96	4	0
3/4/2015	8:00:00	16.89	13.04	18.33	8.56	36.96	4	0
3/4/2015	9:00:01	16.04	13.81	19.56	20.28	37.58	4	0
3/4/2015	10:00:01	14.11	14.42	18.43	17.81	36.96	4	0
3/4/2015	11:00:00	12.87	15.12	19.53	18.04	36.55	4	0
3/4/2015	12:00:00	12.61	15.57	15.52	11.14	36.96	4	0
3/4/2015	13:00:01	12.86	16.09	14.91	15.87	35.94	4	0
3/4/2015	14:00:01	13.13	16.55	17.41	22.11	36.76	4	0
3/4/2015	15:00:01	13.47	17.21	19.38	25.88	36.96	4	0
3/4/2015	16:00:00	13.83	17.50	18.28	19.10	36.76	4	0
3/4/2015	17:00:00	14.15	17.44	16.50	15.17	36.76	4	0
3/4/2015	18:00:01	14.34	17.23	14.76	20.09	37.58	4	0
3/4/2015	19:00:00	14.64	17.23	15.65	26.47	37.98	4	0

3/4/2015	20:00:00	14.89	16.88	15.02	13.14	37.78	4	0
3/4/2015	21:00:01	14.91	16.16	11.02	8.69	37.78	4	0
3/4/2015	22:00:01	14.96	15.72	13.34	14.12	38.19	4	0
3/4/2015	23:00:00	14.97	15.09	12.10	14.50	38.19	4	0
3/5/2015	0:00:00	14.89	14.53	8.71	10.15	38.60	4	0
3/5/2015	1:00:01	14.84	14.06	9.55	9.48	39.00	4	0
3/5/2015	2:00:01	14.76	13.47	10.14	10.15	38.80	4	0
3/5/2015	3:00:00	14.67	12.66	9.03	9.62	38.80	4	0
3/5/2015	4:00:00	14.55	12.10	11.15	12.06	38.80	4	0
3/5/2015	5:00:01	14.39	11.86	13.49	25.39	39.00	4	0
3/5/2015	6:00:01	14.23	11.71	13.05	13.70	39.21	4	0
3/5/2015	7:00:01	14.55	12.37	23.35	38.92	40.03	4	0
3/5/2015	8:00:00	14.99	13.34	25.26	33.29	39.41	4	0
3/5/2015	9:00:01	15.02	13.99	17.83	16.30	38.19	4	0
3/5/2015	10:00:01	15.09	14.40	17.04	15.09	38.19	4	0
3/5/2015	11:00:01	15.06	14.99	19.66	13.47	38.60	4	0
3/5/2015	12:00:00	15.15	15.71	17.36	24.32	38.19	4	0
3/5/2015	13:00:00	15.14	16.08	13.87	10.97	38.39	4	0
3/5/2015	14:00:01	15.11	16.60	16.30	11.01	38.39	4	0
3/5/2015	15:00:01	14.92	17.03	14.08	22.98	38.19	4	0
3/5/2015	16:00:00	14.87	17.49	17.09	13.87	38.39	4	0
3/5/2015	17:00:00	14.84	17.67	16.54	13.26	38.60	4	0
3/5/2015	18:00:01	14.71	17.58	13.14	17.68	38.80	4	0
3/5/2015	19:00:01	14.79	17.09	18.48	23.76	39.41	4	0
3/5/2015	20:00:00	14.73	16.11	13.48	14.92	39.21	4	0
3/5/2015	21:00:00	14.67	15.48	11.16	12.26	40.23	4	0
3/5/2015	22:00:01	14.62	15.14	13.18	12.95	40.43	4	0
3/5/2015	23:00:01	16.48	18.30	57.86	69.42	40.23	4	0
3/6/2015	0:00:01	19.76	24.21	88.47	111.21	40.43	4	0
3/6/2015	1:00:00	20.95	26.28	38.95	86.33	41.05	4	0
3/6/2015	2:00:00	22.99	29.90	59.93	58.69	41.66	4	0
3/6/2015	3:00:01	25.60	34.69	70.06	72.56	41.25	4	0
3/6/2015	4:00:01	27.00	36.95	42.25	53.65	41.46	4	0
3/6/2015	5:00:00	28.60	39.87	49.98	43.21	41.25	4	0
3/6/2015	6:00:00	30.79	44.19	62.89	78.53	41.25	4	0
3/6/2015	7:00:00	33.72	50.42	91.20	89.10	40.84	4	0

3/6/2015	8:00:01	36.35	56.53	80.83	92.51	40.43	4	0
3/6/2015	9:00:01	38.71	61.64	64.38	50.89	39.62	4	0
3/6/2015	10:00:00	42.02	68.44	88.71	109.40	39.21	4	0
3/6/2015	11:00:00	45.62	72.11	97.33	100.59	38.39	4	0
3/6/2015	12:00:01	49.60	73.63	106.86	112.61	38.39	4	0
3/6/2015	13:00:01	53.07	78.18	92.20	98.03	38.60	4	0
3/6/2015	14:00:00	56.14	80.24	85.13	81.55	38.60	4	0
3/6/2015	15:00:00	58.29	79.38	62.41	63.46	38.39	4	0
3/6/2015	16:00:00	59.50	79.43	43.61	35.91	38.80	4	0
3/6/2015	17:00:01	60.28	77.91	34.15	36.88	38.80	4	0
3/6/2015	18:00:01	62.05	77.17	61.19	77.14	37.78	4	0
3/6/2015	19:00:00	64.69	76.25	89.61	90.33	39.21	4	0
3/6/2015	20:00:00	66.96	74.88	67.55	83.91	39.21	4	0
3/6/2015	21:00:01	68.79	74.05	57.25	47.92	38.80	4	0
3/6/2015	22:00:01	70.35	70.82	52.47	68.97	39.21	4	0
3/6/2015	23:00:01	70.29	67.58	59.37	63.73	39.62	4	0
3/7/2015	0:00:00	68.72	63.12	51.71	21.55	39.21	4	0
3/7/2015	1:00:00	68.49	58.17	31.22	36.77	39.21	4	0
3/7/2015	2:00:01	66.46	52.36	15.56	14.59	39.00	4	0
3/7/2015	3:00:01	63.93	48.29	13.09	14.87	39.00	4	0
3/7/2015	4:00:00	62.50	45.58	11.04	10.77	39.00	4	0
3/7/2015	5:00:00	60.77	43.81	13.41	16.33	39.00	4	0
3/7/2015	6:00:01	58.68	39.86	12.45	15.05	39.00	4	0
3/7/2015	7:00:01	56.72	36.08	43.06	71.61	39.00	4	0
3/7/2015	8:00:00	56.22	35.62	58.98	49.33	39.00	4	0
3/7/2015	9:00:00	54.80	33.19	27.87	27.53	38.80	4	0
3/7/2015	10:00:00	51.69	30.05	15.55	16.73	39.00	4	0
3/7/2015	11:00:01	48.10	26.13	13.86	9.02	39.00	4	0
3/7/2015	12:00:01	44.09	22.85	13.71	14.56	39.21	4	0
3/7/2015	13:00:00	40.74	21.37	14.07	15.14	39.21	4	0
3/7/2015	14:00:00	37.57	21.19	14.34	15.53	39.21	4	0
3/7/2015	15:00:01	35.58	21.57	18.48	19.08	39.41	4	0
3/7/2015	16:00:01	34.33	22.04	17.68	17.52	39.41	4	0
3/7/2015	17:00:00	33.31	21.84	11.61	9.64	39.41	4	0
3/7/2015	18:00:00	30.89	21.34	7.76	6.44	39.82	4	0
3/7/2015	19:00:00	27.15	18.10	5.69	5.07	39.41	4	0

3/7/2015	20:00:01	24.60	13.77	6.23	6.32	39.41	4	0
3/7/2015	21:00:01	22.43	12.06	7.26	6.86	38.80	4	0
3/7/2015	22:00:00	20.52	11.49	8.90	5.30	39.41	4	0
3/7/2015	23:00:00	18.28	11.00	8.10	6.01	39.62	4	0
3/8/2015	0:00:01	16.47	10.57	8.02	10.28	39.41	4	0
3/8/2015	1:00:01	15.52	10.20	9.62	7.86	39.62	4	0
3/8/2015	2:00:01	15.19	9.73	8.59	5.52	39.62	4	0
3/8/2015	3:00:00	15.02	8.94	8.54	6.99	40.03	4	0
3/8/2015	4:00:00	14.98	8.33	10.06	7.43	39.62	4	0
3/8/2015	5:00:01	14.81	8.20	10.05	10.92	39.62	4	0
3/8/2015	6:00:01	14.67	8.33	9.31	10.06	39.82	4	0
3/8/2015	7:00:00	13.36	8.87	12.27	11.18	40.43	4	0
3/8/2015	8:00:00	11.59	9.48	12.75	15.14	40.03	4	0
3/8/2015	9:00:01	11.58	11.06	25.48	45.84	39.82	4	0
3/8/2015	10:00:01	11.93	12.27	23.11	15.78	40.03	4	0
3/8/2015	11:00:00	11.92	12.75	14.39	7.20	40.84	4	0
3/8/2015	12:00:00	11.99	13.25	12.85	31.85	39.82	4	0
3/8/2015	13:00:00	12.74	15.15	33.12	13.47	40.64	4	0
3/8/2015	14:00:01	14.80	19.70	62.78	50.95	40.64	4	0
3/8/2015	15:00:00	14.69	20.32	17.07	7.24	40.64	4	0
3/8/2015	16:00:00	14.69	20.32	17.07	10.95	40.64	4	0
3/8/2015	17:00:00	14.33	20.33	11.03	8.34	40.43	4	0
3/8/2015	18:00:01	14.45	20.50	13.67	17.86	40.64	4	0
3/8/2015	19:00:01	14.51	20.10	9.25	7.27	40.64	4	0
3/8/2015	20:00:00	14.52	19.59	6.70	6.72	40.23	4	0
3/8/2015	21:00:00	14.62	18.31	10.53	11.63	41.46	4	0
3/8/2015	22:00:01	14.71	17.37	11.98	16.74	40.64	4	0
3/8/2015	23:00:01	14.97	17.40	14.97	15.27	40.84	4	0
3/9/2015	0:00:01	15.16	17.41	12.83	18.29	41.46	4	0
3/9/2015	1:00:01	15.42	16.07	16.37	12.02	41.25	4	0
3/9/2015	2:00:01	15.50	11.93	11.37	13.38	41.66	4	0
3/9/2015	3:00:00	15.59	11.44	10.76	11.46	41.86	4	0
3/9/2015	4:00:00	15.82	12.01	15.89	15.31	41.86	4	0
3/9/2015	5:00:01	16.18	12.68	18.91	21.94	41.86	4	0
3/9/2015	6:00:01	17.86	15.64	48.53	41.24	42.48	4	0
3/9/2015	7:00:00	18.47	17.11	26.77	27.66	42.07	4	0

3/9/2015	8:00:00	19.81	19.92	36.70	54.24	40.43	4	0
3/9/2015	9:00:01	21.70	24.77	66.60	20.92	41.25	4	0
3/9/2015	10:00:01	22.32	26.77	33.73	33.60	41.05	4	0
3/9/2015	11:00:00	22.64	27.26	19.91	24.16	40.84	4	0
3/9/2015	12:00:00	23.60	29.13	35.51	25.18	40.84	4	0
3/9/2015	13:00:00	23.33	29.94	26.03	27.14	40.84	4	0
3/9/2015	14:00:01	21.61	30.83	22.64	24.71	40.84	4	0
3/9/2015	15:00:01	21.67	31.45	18.18	19.84	40.64	4	0
3/9/2015	16:00:00	22.38	32.24	25.76	28.70	41.86	4	0
3/9/2015	17:00:00	22.38	32.24	25.76	18.46	41.66	4	0
3/9/2015	18:00:01	22.86	29.61	22.24	16.47	41.86	4	0
3/9/2015	19:00:01	22.84	28.21	14.27	13.23	42.27	4	0
3/9/2015	20:00:00	23.55	27.17	25.13	16.99	41.66	4	0
3/9/2015	21:00:00	29.16	33.60	141.21	147.72	41.25	4	0
3/9/2015	22:00:00	33.93	41.40	127.21	138.10	41.46	4	0
3/9/2015	23:00:01	37.41	48.04	100.05	53.44	41.86	4	0
3/10/2015	0:00:01	38.71	48.84	44.71	17.90	42.07	4	0
3/10/2015	1:00:00	38.71	48.84	44.71	32.22	42.07	4	0
3/10/2015	2:00:00	40.21	50.21	22.51	13.36	41.66	4	0
3/10/2015	3:00:01	40.75	50.67	22.61	18.85	42.07	4	0
3/10/2015	4:00:01	40.58	49.61	12.85	14.35	42.07	4	0
3/10/2015	5:00:00	40.05	48.43	7.99	6.51	42.48	4	0
3/10/2015	6:00:00	38.33	47.26	7.29	6.95	42.27	4	0
3/10/2015	7:00:00	37.59	46.87	9.31	10.51	42.27	4	0
3/10/2015	8:00:01	37.27	47.17	28.53	33.11	42.48	4	0
3/10/2015	9:00:01	36.46	39.16	42.87	46.95	42.48	4	0
3/10/2015	10:00:00	36.92	31.93	38.97	60.88	42.07	4	0
3/10/2015	11:00:00	37.69	26.47	34.86	42.56	42.48	4	0
3/10/2015	12:00:01	37.33	24.90	26.61	25.95	42.48	4	0
3/10/2015	13:00:01	37.21	23.06	18.80	25.71	42.07	4	0
3/10/2015	14:00:01	37.02	22.62	17.52	19.91	42.27	4	0
3/10/2015	15:00:00	36.96	22.11	16.99	15.68	42.07	4	0
3/10/2015	16:00:00	36.74	22.52	17.18	18.08	41.86	4	0
3/10/2015	17:00:01	36.30	23.10	16.57	14.64	42.68	4	0
3/10/2015	18:00:01	35.26	23.09	11.48	12.68	43.70	4	0
3/10/2015	19:00:00	34.84	23.04	10.73	7.59	43.70	4	0

3/10/2015	20:00:00	34.07	21.23	6.63	8.23	43.09	4	0
3/10/2015	21:00:01	28.40	18.25	7.77	6.80	44.11	4	0
3/10/2015	22:00:01	23.46	15.73	8.02	8.36	43.50	4	0
3/10/2015	23:00:00	19.68	13.57	7.96	10.81	43.70	4	0
3/11/2015	0:00:00	18.23	12.26	10.56	8.38	43.91	4	0
3/11/2015	1:00:01	16.87	11.45	8.52	8.54	43.70	4	0
3/11/2015	2:00:01	16.30	10.79	9.28	8.92	43.91	4	0
3/11/2015	3:00:01	15.82	10.28	10.13	10.69	43.50	4	0
3/11/2015	4:00:00	15.67	9.66	9.12	10.62	43.70	4	0
3/11/2015	5:00:00	16.05	9.81	18.05	18.25	43.50	4	0
3/11/2015	6:00:01	16.56	10.48	19.35	17.97	43.70	4	0
3/11/2015	7:00:01	17.01	11.21	19.24	20.29	44.31	4	0
3/11/2015	8:00:00	17.04	12.91	26.12	28.51	42.88	4	0
3/11/2015	9:00:00	17.04	15.53	37.32	29.51	43.29	4	0
3/11/2015	10:00:01	16.34	16.56	19.08	22.58	43.29	4	0
3/11/2015	11:00:01	15.68	17.42	17.65	19.84	43.09	4	0
3/11/2015	12:00:00	15.35	18.04	17.46	21.30	43.09	4	0
3/11/2015	13:00:00	15.64	19.42	24.35	25.35	42.48	4	0
3/11/2015	14:00:01	15.68	20.17	18.91	19.18	42.68	4	0
3/11/2015	15:00:01	15.85	21.05	20.79	16.52	42.88	4	0
3/11/2015	16:00:00	15.74	21.52	16.28	15.09	43.29	4	0
3/11/2015	17:00:00	15.52	20.92	11.96	16.77	43.09	4	0
3/11/2015	18:00:01	17.02	23.37	53.35	94.89	43.91	4	0
3/11/2015	19:00:01	18.52	25.75	51.31	41.92	44.31	4	0
3/11/2015	20:00:01	19.45	26.07	31.84	18.10	44.72	4	0
3/11/2015	21:00:00	19.66	24.16	14.93	27.19	44.31	4	0
3/11/2015	22:00:00	20.91	25.80	38.46	52.18	45.13	4	0
3/11/2015	23:00:01	21.71	26.71	29.08	26.63	44.52	4	0
3/12/2015	0:00:01	22.13	27.04	20.83	11.28	44.93	4	0
3/12/2015	1:00:00	22.83	27.26	26.39	45.26	45.54	4	0
3/12/2015	2:00:00	23.34	27.58	22.37	17.48	45.13	4	0
3/12/2015	3:00:01	23.65	27.39	17.49	17.82	45.13	4	0
3/12/2015	4:00:01	23.77	27.10	12.14	10.40	45.34	4	0
3/12/2015	5:00:00	23.42	26.94	9.67	10.10	45.34	4	0
3/12/2015	6:00:00	23.23	23.85	14.21	14.29	45.13	4	0
3/12/2015	7:00:01	23.17	21.05	15.54	16.99	45.34	4	0

3/12/2015	8:00:01	23.41	20.50	20.52	31.99	44.31	4	0
3/12/2015	9:00:00	23.40	22.15	33.69	31.84	44.52	4	0
3/12/2015	10:00:00	24.36	22.17	37.95	48.78	44.72	4	0
3/12/2015	11:00:00	25.29	22.87	37.49	41.74	44.52	4	0
3/12/2015	12:00:01	26.68	25.16	47.82	47.51	44.52	4	0
3/12/2015	13:00:01	28.04	27.48	54.67	55.17	44.11	4	0
3/12/2015	14:00:00	29.42	29.76	49.70	46.31	43.50	4	0
3/12/2015	15:00:00	30.79	32.65	52.67	52.84	43.50	4	0
3/12/2015	16:00:01	31.62	34.66	37.57	30.16	44.11	4	0
3/12/2015	17:00:01	32.46	36.60	34.90	28.35	44.11	4	0
3/12/2015	18:00:01	30.73	36.72	21.44	22.31	45.13	4	0
3/12/2015	19:00:00	29.73	37.84	31.67	51.07	44.52	4	0
3/12/2015	20:00:00	29.27	37.92	22.39	19.46	44.52	4	0
3/12/2015	21:00:01	29.30	36.49	17.26	20.14	44.72	4	0
3/12/2015	22:00:01	28.23	34.46	13.04	12.61	44.93	4	0
3/12/2015	23:00:01	27.58	32.59	14.88	29.00	44.52	4	0
3/13/2015	0:00:00	27.82	30.95	27.54	9.48	45.34	4	0
3/13/2015	1:00:00	27.42	27.94	17.08	17.78	44.93	4	0
3/13/2015	2:00:01	27.06	25.15	15.26	14.27	45.13	4	0
3/13/2015	3:00:01	26.78	21.91	12.84	7.92	45.13	4	0
3/13/2015	4:00:00	26.76	19.85	11.71	17.74	45.34	4	0
3/13/2015	5:00:00	26.93	18.17	13.84	16.70	45.74	4	0
3/13/2015	6:00:01	26.96	17.67	15.23	17.17	45.34	4	0
3/13/2015	7:00:01	27.24	16.84	21.10	18.27	44.93	4	0
3/13/2015	8:00:00	27.80	17.35	26.39	33.90	44.52	4	0
3/13/2015	9:00:00	28.07	18.92	34.68	42.69	44.72	4	0
3/13/2015	10:00:00	28.33	21.36	41.63	38.25	44.93	4	0
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3/13/2015	12:00:01	27.42	22.81	39.71	56.33	44.11	4	0
3/13/2015	13:00:00	26.51	23.91	28.80	20.10	43.50	4	0
3/13/2015	14:00:00	25.28	24.23	18.59	23.26	43.29	4	0
3/13/2015	15:00:01	24.63	26.22	36.61	74.78	43.29	4	0
3/13/2015	16:00:01	24.73	28.61	40.76	43.53	44.31	4	0
3/13/2015	17:00:01	26.32	33.65	76.36	71.06	43.91	4	0
3/13/2015	18:00:00	27.51	36.71	56.42	69.55	44.72	4	0
3/13/2015	19:00:00	27.05	36.93	30.80	18.52	45.54	4	0

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3/13/2015	21:00:01	27.42	35.93	19.98	23.14	44.93	4	0
3/13/2015	22:00:00	27.40	33.62	15.07	12.72	45.54	4	0
3/13/2015	23:00:00	27.04	32.71	10.76	10.13	45.95	4	0
3/14/2015	0:00:01	26.29	30.34	10.89	11.92	46.76	4	0
3/14/2015	1:00:01	26.04	28.94	10.97	11.73	45.74	4	0
3/14/2015	2:00:00	25.83	28.33	11.03	11.43	45.95	4	0
3/14/2015	3:00:00	25.74	26.35	11.90	15.21	46.36	4	0
3/14/2015	4:00:01	25.67	23.99	11.19	14.52	46.36	4	0
3/14/2015	5:00:00	25.64	18.96	12.38	10.42	45.95	4	0
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3/14/2015	7:00:01	24.92	13.62	10.84	10.86	46.56	4	0
3/14/2015	8:00:01	24.26	12.04	9.87	13.11	46.36	4	0
3/14/2015	9:00:00	24.04	12.01	17.05	21.38	45.95	4	0
3/14/2015	10:00:00	22.89	11.90	13.69	11.24	46.15	4	0
3/14/2015	11:00:01	22.69	12.09	12.98	11.84	46.15	4	0
3/14/2015	12:00:01	21.40	11.68	5.47	8.73	45.34	4	0
3/14/2015	13:00:01	20.63	11.49	8.45	7.82	45.13	4	0
3/14/2015	14:00:00	20.24	11.14	6.55	8.90	44.31	4	0
3/14/2015	15:00:00	19.04	10.77	7.94	11.38	44.93	4	0
3/14/2015	16:00:01	17.66	10.41	7.11	13.27	44.72	4	0
3/14/2015	17:00:01	14.86	10.14	9.78	10.85	44.93	4	0
3/14/2015	18:00:00	12.78	9.93	9.15	5.87	45.74	4	0
3/14/2015	19:00:00	12.44	11.12	26.70	35.67	46.56	4	0
3/14/2015	20:00:01	11.46	10.77	5.74	3.60	46.15	4	0
3/14/2015	21:00:01	11.09	10.36	12.60	21.39	46.56	4	0
3/14/2015	22:00:00	10.74	9.76	6.16	2.35	46.15	4	0
3/14/2015	23:00:00	10.54	9.25	7.13	18.31	46.76	4	0
3/15/2015	0:00:00	10.63	9.95	14.22	17.33	47.17	4	0
3/15/2015	1:00:01	10.55	10.04	9.70	6.29	47.17	4	0
3/15/2015	2:00:01	10.34	10.02	6.32	6.38	46.76	4	0
3/15/2015	3:00:00	10.08	9.86	5.93	5.06	47.38	4	0
3/15/2015	4:00:00	9.89	9.85	7.04	6.27	47.38	4	0
3/15/2015	5:00:01	9.78	9.88	9.81	13.70	47.99	4	0
3/15/2015	6:00:01	9.82	10.07	11.07	12.81	48.19	4	0
3/15/2015	7:00:00	10.02	9.17	14.84	18.71	47.58	4	0

3/15/2015	8:00:01	10.68	10.67	22.10	22.94	46.56	4	0
3/15/2015	9:00:01	11.83	13.24	42.57	42.91	46.76	4	0
3/15/2015	10:00:01	13.15	16.43	43.21	45.93	46.36	4	0
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3/15/2015	12:00:01	14.77	19.27	17.54	21.77	45.95	4	0
3/15/2015	13:00:00	15.08	19.73	15.15	28.33	45.54	4	0
3/15/2015	14:00:00	15.77	21.06	21.23	19.29	45.54	4	0
3/15/2015	15:00:01	16.88	23.39	32.76	29.08	45.34	4	0
3/15/2015	16:00:01	17.88	25.40	32.27	44.60	45.34	4	0
3/15/2015	17:00:01	19.14	27.88	40.39	28.02	45.95	4	0
3/15/2015	18:00:00	20.16	29.75	34.82	29.17	45.95	4	0
3/15/2015	19:00:00	19.91	30.27	23.16	23.61	46.56	4	0
3/15/2015	20:00:01	20.25	29.53	14.45	13.60	46.56	4	0
3/15/2015	21:00:01	20.26	27.00	13.55	16.06	46.76	4	0
3/15/2015	22:00:00	20.34	24.19	13.16	11.73	46.76	4	0
3/15/2015	23:00:00	20.40	21.83	5.94	6.93	46.15	4	0
3/16/2015	0:00:01	20.14	21.04	7.72	10.80	45.74	4	0
3/16/2015	1:00:01	20.06	20.53	9.77	7.68	46.56	4	0
3/16/2015	2:00:00	20.14	19.53	9.34	9.69	46.56	4	0
3/16/2015	3:00:00	20.07	17.43	8.85	10.52	47.38	4	0
3/16/2015	4:00:01	20.17	15.64	9.95	9.96	47.58	4	0
3/16/2015	5:00:01	20.11	13.12	9.11	10.15	47.58	4	0
3/16/2015	6:00:00	20.13	11.29	12.03	16.44	47.38	4	0
3/16/2015	7:00:00	20.20	10.71	15.36	20.21	46.97	4	0
3/16/2015	8:00:00	20.31	11.29	20.08	21.91	47.17	4	0
3/16/2015	9:00:01	19.44	11.91	20.48	23.08	46.97	4	0
3/16/2015	10:00:01	18.55	12.43	18.36	21.56	46.56	4	0
3/16/2015	11:00:00	17.93	13.60	19.26	21.75	45.95	4	0
3/16/2015	12:00:00	18.38	15.22	26.50	40.38	45.74	4	0
3/16/2015	13:00:01	19.29	17.31	33.70	36.40	45.13	4	0
3/16/2015	14:00:01	19.74	19.09	29.63	28.45	44.93	4	0
3/16/2015	15:00:00	19.81	21.20	33.91	45.79	44.72	4	0
3/16/2015	16:00:00	20.10	23.74	41.72	30.82	45.13	4	0
3/16/2015	17:00:00	19.23	24.69	21.46	19.11	45.95	4	0
3/16/2015	18:00:01	18.36	24.98	18.37	25.29	46.56	4	0
3/16/2015	19:00:01	18.02	25.02	18.48	22.40	46.56	4	0

3/16/2015	20:00:00	17.74	24.08	13.14	10.84	47.99	4	0
3/16/2015	21:00:00	17.73	23.41	10.60	0.68	46.97	4	0
3/16/2015	22:00:00	17.61	22.84	13.61	16.35	47.79	4	0
3/16/2015	23:00:00	17.89	22.39	15.37	19.56	48.19	4	0
3/17/2015	0:00:01	18.07	21.39	16.50	13.54	48.60	4	0
3/17/2015	1:00:01	17.95	19.37	9.40	8.06	48.40	4	0
3/17/2015	2:00:01	17.82	17.60	7.20	6.08	48.81	4	0
3/17/2015	3:00:00	17.86	15.75	9.56	12.39	48.19	4	0
3/17/2015	4:00:01	17.58	12.82	4.54	0.19	48.81	4	0
3/17/2015	5:00:01	17.36	11.55	5.57	7.01	48.60	4	0
3/17/2015	6:00:01	17.06	10.57	5.97	11.80	49.01	4	0
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3/17/2015	10:00:00	15.69	9.34	15.87	9.25	49.22	4	0
3/17/2015	11:00:01	15.47	9.16	12.57	12.08	49.62	4	0
3/17/2015	12:00:01	14.93	8.75	11.19	16.67	49.22	4	0
3/17/2015	13:00:00	14.23	9.26	15.58	22.86	49.22	4	0
3/17/2015	14:00:00	13.53	9.52	10.10	5.82	49.62	4	0
3/17/2015	15:00:01	12.58	9.49	9.17	5.15	50.03	4	0
3/17/2015	16:00:01	11.55	10.30	14.34	11.32	50.03	4	0
3/17/2015	17:00:01	11.05	10.54	8.57	7.52	50.64	4	0
3/17/2015	18:00:00	10.95	11.32	15.82	24.78	50.64	4	0
3/17/2015	19:00:00	10.64	11.59	12.14	16.85	50.64	4	0
3/17/2015	20:00:01	10.84	12.45	18.92	19.32	50.85	4	0
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3/17/2015	22:00:00	11.01	12.85	8.71	5.41	50.85	4	0
3/17/2015	23:00:00	11.08	13.18	16.35	17.41	51.05	4	0
3/18/2015	0:00:01	10.83	13.09	9.74	13.50	50.85	4	0
3/18/2015	1:00:01	11.14	13.21	16.56	16.31	50.44	4	0
3/18/2015	2:00:01	11.52	13.73	16.29	12.99	50.64	4	0
3/18/2015	3:00:00	11.86	14.45	17.66	37.14	50.64	4	0
3/18/2015	4:00:00	12.24	14.41	13.24	35.61	50.64	4	0
3/18/2015	5:00:01	12.45	14.58	10.55	11.78	50.64	4	0
3/18/2015	6:00:01	13.02	14.94	19.87	26.55	51.05	4	0
3/18/2015	7:00:00	13.52	15.56	19.04	22.63	50.24	4	0

3/18/2015	8:00:00	14.53	16.55	29.22	33.56	50.24	4	0
3/18/2015	9:00:01	15.21	16.80	22.14	22.66	50.24	4	0
3/18/2015	10:00:01	15.48	17.84	19.83	11.97	50.03	4	0
3/18/2015	11:00:00	16.13	18.75	27.22	27.10	49.62	4	0
3/18/2015	12:00:00	17.07	20.69	32.25	30.32	49.83	4	0
3/18/2015	13:00:00	17.79	22.02	33.13	46.83	49.83	4	0
3/18/2015	14:00:01	18.50	22.85	25.76	21.93	49.42	4	0
3/18/2015	15:00:01	19.35	23.80	30.18	12.40	49.62	4	0
3/18/2015	16:00:00	19.76	24.68	23.83	17.22	49.62	4	0
3/18/2015	17:00:00	20.03	25.04	15.62	12.48	50.03	4	0
3/18/2015	18:00:01	20.83	26.30	36.06	35.90	49.22	4	0
3/18/2015	19:00:01	21.97	28.01	41.11	38.23	49.83	4	0
3/18/2015	20:00:00	23.09	29.46	48.32	75.77	49.83	4	0
3/18/2015	21:00:00	25.28	33.63	72.25	96.35	50.24	4	0
3/18/2015	22:00:00	26.53	35.30	41.09	45.08	50.03	4	0
3/18/2015	23:00:01	30.42	42.22	110.89	367.68	50.44	4	0
3/19/2015	0:00:01	33.06	45.68	73.38	56.75	50.03	4	0
3/19/2015	1:00:00	33.41	45.06	25.18	40.82	50.24	4	0
3/19/2015	2:00:00	33.21	43.99	13.93	10.55	50.24	4	0
3/19/2015	3:00:01	33.05	42.67	13.76	9.64	50.44	4	0
3/19/2015	4:00:01	33.29	42.35	19.99	34.32	50.24	4	0
3/19/2015	5:00:01	33.79	43.04	25.15	21.61	50.24	4	0
3/19/2015	6:00:00	36.36	46.94	83.06	269.81	50.85	4	0
3/19/2015	7:00:00	38.02	48.28	52.04	22.25	49.42	4	0
3/19/2015	8:00:01	38.06	46.57	23.38	31.63	49.62	4	0
3/19/2015	9:00:00	38.94	43.95	37.96	42.77	49.83	4	0
3/19/2015	10:00:00	42.10	48.28	91.00	56.01	50.03	4	0
3/19/2015	11:00:00	43.63	44.13	62.44	55.72	50.03	4	0
3/19/2015	12:00:01	43.92	41.00	35.96	38.27	50.03	4	0
3/19/2015	13:00:01	43.53	40.99	26.88	29.57	50.44	4	0
3/19/2015	14:00:01	43.75	42.36	30.10	35.28	50.44	4	0
3/19/2015	15:00:00	43.44	43.17	24.61	24.24	49.22	4	0
3/19/2015	16:00:00	43.57	43.58	23.69	33.20	50.24	4	0
3/19/2015	17:00:00	44.11	43.86	29.81	41.19	49.42	4	0
3/19/2015	18:00:01	45.07	41.86	63.50	65.12	49.62	4	0
3/19/2015	19:00:01	44.52	39.75	27.42	41.68	50.03	4	0

3/19/2015	20:00:00	43.41	39.80	25.72	18.61	49.62	4	0
3/19/2015	21:00:01	41.43	38.89	28.53	32.50	50.24	4	0
3/19/2015	22:00:01	41.15	34.44	38.52	29.66	50.24	4	0
3/19/2015	23:00:01	37.80	32.06	34.14	16.47	50.03	4	0
3/20/2015	0:00:00	35.43	30.52	16.82	23.66	50.44	4	0
3/20/2015	1:00:00	34.82	29.18	10.25	11.91	50.44	4	0
3/20/2015	2:00:01	34.54	27.42	9.31	10.04	50.85	4	0
3/20/2015	3:00:01	34.39	26.26	10.38	11.63	50.85	4	0
3/20/2015	4:00:00	34.06	25.29	11.26	14.43	50.64	4	0
3/20/2015	5:00:00	33.48	23.91	13.33	15.69	50.64	4	0
3/20/2015	6:00:01	30.70	20.17	17.88	27.78	51.05	4	0
3/20/2015	7:00:01	29.34	19.43	17.42	15.57	50.85	4	0
3/20/2015	8:00:00	29.17	18.92	19.35	17.59	50.44	4	0
3/20/2015	9:00:00	28.51	18.20	18.87	21.97	50.64	4	0
3/20/2015	10:00:00	25.54	16.48	17.65	17.77	51.05	4	0
3/20/2015	11:00:01	23.95	15.59	23.50	23.31	50.85	4	0
3/20/2015	12:00:01	23.59	16.28	24.60	25.38	50.64	4	0
3/20/2015	13:00:00	24.01	18.43	35.78	46.65	50.44	4	0
3/20/2015	14:00:00	24.41	20.86	37.91	54.15	50.64	4	0
3/20/2015	15:00:01	25.21	23.60	42.83	45.42	50.64	4	0
3/20/2015	16:00:01	26.02	26.22	42.69	35.04	50.64	4	0
3/20/2015	17:00:00	26.27	28.19	38.64	40.92	51.26	4	0
3/20/2015	18:00:00	24.86	29.27	32.49	29.91	51.46	4	0
3/20/2015	19:00:01	24.58	29.60	23.34	24.61	50.64	4	0
3/20/2015	20:00:01	24.37	29.78	23.06	24.42	51.46	4	0
3/20/2015	21:00:01	24.21	30.26	24.77	26.21	51.05	4	0
3/20/2015	22:00:00	23.56	30.75	24.49	25.25	50.85	4	0
3/20/2015	23:00:00	23.80	32.14	40.02	58.29	51.46	4	0
3/21/2015	0:00:01	24.67	33.27	38.32	39.97	51.26	4	0
3/21/2015	1:00:01	25.54	32.93	31.06	25.84	51.05	4	0
3/21/2015	2:00:00	26.17	31.86	23.89	32.60	51.26	4	0
3/21/2015	3:00:00	27.01	30.91	30.56	30.89	51.26	4	0
3/21/2015	4:00:01	27.08	28.49	12.37	11.63	51.67	4	0
3/21/2015	5:00:01	26.97	26.28	12.39	12.06	51.46	4	0
3/21/2015	6:00:00	26.69	24.59	12.03	15.74	51.05	4	0
3/21/2015	7:00:00	26.79	24.17	16.79	21.40	51.46	4	0

3/21/2015	8:00:00	27.20	24.44	24.00	23.15	51.46	4	0
3/21/2015	9:00:01	27.32	23.91	16.28	19.58	50.64	4	0
3/21/2015	10:00:01	27.19	23.00	13.54	9.16	51.26	4	0
3/21/2015	11:00:00	26.58	20.29	7.82	14.70	51.26	4	0
3/21/2015	12:00:00	25.92	17.66	7.16	16.22	51.05	4	0
3/21/2015	13:00:01	24.76	15.62	7.01	7.28	50.64	4	0
3/21/2015	14:00:01	23.63	14.38	9.17	16.54	50.24	4	0
3/21/2015	15:00:00	22.06	12.17	4.84	5.78	50.03	4	0
3/21/2015	16:00:00	20.71	12.03	11.11	14.53	49.83	4	0
3/21/2015	17:00:00	19.32	11.55	7.44	8.85	50.85	4	0
3/21/2015	18:00:01	18.57	11.97	18.14	10.52	51.67	4	0
3/21/2015	19:00:01	18.27	12.25	21.91	29.67	52.48	4	0
3/21/2015	20:00:00	17.73	11.33	13.84	9.96	52.28	4	0
3/21/2015	21:00:00	17.04	10.76	9.57	10.96	52.28	4	0
3/21/2015	22:00:01	16.29	10.30	8.21	7.69	52.28	4	0
3/21/2015	23:00:01	14.95	10.30	7.74	8.35	52.48	4	0
3/22/2015	0:00:01	13.73	10.45	8.94	12.06	52.28	4	0
3/22/2015	1:00:00	12.94	10.89	12.34	15.03	52.28	4	0
3/22/2015	2:00:00	12.54	11.31	14.03	25.34	52.28	4	0
3/22/2015	3:00:01	11.77	11.90	11.97	17.89	53.10	4	0
3/22/2015	4:00:01	11.62	11.71	8.25	6.78	53.50	4	0
3/22/2015	5:00:00	11.49	11.91	10.16	12.52	53.91	4	0
3/22/2015	6:00:00	11.41	11.28	9.76	9.67	53.71	4	0
3/22/2015	7:00:00	11.13	10.27	8.69	6.12	53.50	4	0
3/22/2015	8:00:01	10.56	9.84	7.62	17.13	52.48	4	0
3/22/2015	9:00:00	10.59	10.38	15.49	19.31	53.10	4	0
3/22/2015	10:00:00	10.74	11.07	16.30	15.21	52.89	4	0
3/22/2015	11:00:01	11.10	11.76	15.76	19.35	52.69	4	0
3/22/2015	12:00:01	11.46	12.29	15.15	14.45	52.89	4	0
3/22/2015	13:00:01	11.91	12.69	17.25	18.32	53.30	4	0
3/22/2015	14:00:00	12.55	13.55	24.82	24.81	52.89	4	0
3/22/2015	15:00:00	13.10	14.07	18.92	19.87	52.89	4	0
3/22/2015	16:00:01	13.26	14.63	15.88	11.59	53.50	4	0
3/22/2015	17:00:01	13.50	14.90	14.12	15.20	53.91	4	0
3/22/2015	18:00:00	13.10	14.77	8.69	6.54	52.69	4	0
3/22/2015	19:00:00	12.43	14.53	6.28	4.17	52.48	4	0

3/22/2015	20:00:01	12.29	14.78	11.06	10.08	53.30	4	0
3/22/2015	21:00:01	12.22	14.16	8.02	9.33	53.50	4	0
3/22/2015	22:00:01	12.23	13.57	9.58	17.74	53.91	4	0
3/22/2015	23:00:00	12.21	12.85	6.30	5.95	53.10	4	0
3/23/2015	0:00:00	12.13	12.18	6.72	5.63	53.10	4	0
3/23/2015	1:00:01	11.99	11.52	8.85	10.35	52.89	4	0
3/23/2015	2:00:00	11.84	10.37	10.67	11.22	52.89	4	0
3/23/2015	3:00:00	11.72	9.57	8.77	8.11	52.89	4	0
3/23/2015	4:00:00	11.92	9.36	13.42	9.86	53.10	4	0
3/23/2015	5:00:01	12.01	9.22	12.31	15.28	53.50	4	0
3/23/2015	6:00:01	12.06	9.48	12.16	15.02	53.71	4	0
3/23/2015	7:00:00	12.17	9.93	11.74	9.90	53.71	4	0
3/23/2015	8:00:00	12.19	9.70	8.47	9.47	53.91	4	0
3/23/2015	9:00:01	11.92	9.74	8.19	8.28	54.32	4	0
3/23/2015	10:00:01	11.59	9.61	8.00	7.20	53.91	4	0
3/23/2015	11:00:00	11.23	9.66	6.83	3.94	53.71	4	0
3/23/2015	12:00:00	11.03	9.90	9.36	11.72	54.32	4	0
3/23/2015	13:00:01	10.73	9.97	9.83	12.49	54.32	4	0
3/23/2015	14:00:01	10.20	10.04	11.41	11.63	53.71	4	0
3/23/2015	15:00:01	9.99	10.45	13.61	17.49	54.12	4	0
3/23/2015	16:00:00	9.95	10.56	14.82	15.82	54.73	4	0
3/23/2015	17:00:01	9.93	10.66	13.43	15.65	53.91	4	0
3/23/2015	18:00:01	10.18	10.88	15.01	18.33	53.91	4	0
3/23/2015	19:00:00	10.64	11.34	17.17	18.96	54.52	4	0
3/23/2015	20:00:00	10.85	11.96	15.85	14.58	54.52	4	0
3/23/2015	21:00:01	11.05	12.39	13.94	13.78	54.93	4	0
3/23/2015	22:00:01	11.25	12.95	15.21	16.39	55.55	4	0
3/23/2015	23:00:00	11.72	13.81	16.37	13.84	54.32	4	0
3/24/2015	0:00:00	11.99	14.14	13.43	14.16	54.93	4	0
3/24/2015	1:00:00	12.28	14.63	15.68	23.40	55.14	4	0
3/24/2015	2:00:01	12.52	15.07	17.12	18.63	55.34	4	0
3/24/2015	3:00:01	12.73	15.13	15.03	11.84	55.55	4	0
3/24/2015	4:00:00	12.79	15.13	14.59	13.40	55.55	4	0
3/24/2015	5:00:00	12.72	14.92	11.02	10.10	55.95	4	0
3/24/2015	6:00:01	12.75	14.74	12.74	15.26	56.16	4	0
3/24/2015	7:00:01	13.08	14.93	18.62	17.49	55.75	4	0

3/24/2015	8:00:01	13.32	14.73	12.51	9.12	55.34	4	0
3/24/2015	9:00:00	13.87	15.30	20.14	25.60	55.95	4	0
3/24/2015	10:00:00	14.52	15.94	22.24	32.74	55.34	4	0
3/24/2015	11:00:01	15.81	17.64	35.82	41.33	55.34	4	0
3/24/2015	12:00:01	16.85	19.36	34.24	24.73	55.75	4	0
3/24/2015	13:00:00	17.71	20.55	29.39	26.97	55.14	4	0
3/24/2015	14:00:00	18.41	21.43	27.86	33.80	55.55	4	0
3/24/2015	15:00:01	19.01	22.47	27.47	26.92	54.93	4	0
3/24/2015	16:00:01	19.22	22.95	21.36	18.01	55.34	4	0
3/24/2015	17:00:00	19.66	23.98	23.44	26.09	54.73	4	0
3/24/2015	18:00:00	19.80	24.46	18.99	7.25	54.52	4	0
3/24/2015	19:00:00	19.53	23.79	11.02	16.44	54.73	4	0
3/24/2015	20:00:01	19.57	24.13	16.76	22.10	54.52	4	0
3/24/2015	21:00:01	19.46	23.38	11.10	8.70	54.32	4	0
3/24/2015	22:00:01	19.19	22.24	8.39	10.90	54.32	4	0
3/24/2015	23:00:01	18.92	20.07	10.01	8.85	54.52	4	0
3/25/2015	0:00:00	18.91	18.26	12.19	11.32	54.73	4	0
3/25/2015	1:00:00	18.79	16.86	12.58	15.10	54.73	4	0
3/25/2015	2:00:01	18.58	15.59	12.89	11.22	53.50	4	0
3/25/2015	3:00:01	18.47	14.35	12.64	11.64	54.93	4	0
3/25/2015	4:00:00	18.19	13.31	9.38	8.05	54.73	4	0
3/25/2015	5:00:00	18.28	12.46	13.42	10.87	54.93	4	0
3/25/2015	6:00:01	18.41	12.28	17.15	15.30	54.93	4	0
3/25/2015	7:00:01	18.14	12.36	11.70	9.04	54.12	4	0
3/25/2015	8:00:01	17.89	11.58	7.73	9.74	54.73	4	0
3/25/2015	9:00:00	17.38	11.32	7.99	9.57	54.93	4	0
3/25/2015	10:00:01	16.84	11.47	10.25	10.03	55.14	4	0
3/25/2015	11:00:01	15.73	11.34	8.11	8.92	54.73	4	0
3/25/2015	12:00:01	14.80	11.34	12.11	14.10	54.32	4	0
3/25/2015	13:00:00	13.99	11.12	9.86	9.09	54.93	4	0
3/25/2015	14:00:00	13.23	10.87	9.86	11.07	54.32	4	0
3/25/2015	15:00:01	12.65	10.95	13.46	10.59	54.52	4	0
3/25/2015	16:00:01	12.28	11.24	12.99	12.83	54.52	4	0
3/25/2015	17:00:00	11.79	11.06	11.20	10.96	54.93	4	0
3/25/2015	18:00:00	11.44	10.53	10.69	11.88	54.73	4	0
3/25/2015	19:00:01	11.53	10.68	13.86	14.68	54.32	4	0

3/25/2015	20:00:01	11.33	11.05	12.33	11.21	55.34	4	0
3/25/2015	21:00:01	11.25	11.14	8.97	11.10	54.93	4	0
3/25/2015	22:00:00	11.11	10.73	5.54	3.98	56.57	4	0
3/25/2015	23:00:00	10.85	10.39	4.45	2.32	55.34	4	0
3/26/2015	0:00:01	10.37	9.46	0.96	2.68	55.34	4	0
3/26/2015	1:00:01	9.93	8.81	2.10	2.95	55.34	4	0
3/26/2015	2:00:00	9.49	8.18	2.29	3.56	55.95	4	0
3/26/2015	3:00:00	9.03	7.22	1.99	1.20	55.95	4	0
3/26/2015	4:00:01	8.77	6.42	3.16	2.60	55.55	4	0
3/26/2015	5:00:01	8.37	5.82	3.95	6.93	55.55	4	0
3/26/2015	6:00:00	7.89	5.40	5.65	6.87	55.75	4	0
3/26/2015	7:00:00	7.62	4.68	4.95	5.18	55.75	4	0
3/26/2015	8:00:00	7.82	4.62	11.42	20.09	55.34	4	0
3/26/2015	9:00:01	7.89	4.67	9.52	3.83	55.75	4	0
3/26/2015	10:00:01	7.82	4.86	7.71	16.11	55.55	4	0
3/26/2015	11:00:01	7.77	5.08	7.08	6.38	55.95	4	0
3/26/2015	12:00:01	7.82	6.10	13.15	10.98	55.55	4	0
3/26/2015	13:00:00	7.86	6.84	11.03	11.91	56.16	4	0
3/26/2015	14:00:00	7.96	7.66	12.00	12.50	55.55	4	0
3/26/2015	15:00:01	8.08	8.85	15.96	15.68	55.55	4	0
3/26/2015	16:00:01	8.10	9.73	14.17	15.45	56.77	4	0
3/26/2015	17:00:00	8.07	10.27	10.29	11.59	56.57	4	0
3/26/2015	18:00:00	8.00	10.57	10.13	9.54	56.57	4	0
3/26/2015	19:00:00	7.61	10.54	4.97	6.30	56.16	4	0
3/26/2015	20:00:01	7.50	10.39	9.97	6.30	55.95	4	0
3/26/2015	21:00:00	7.50	10.39	9.97	5.57	55.95	4	0
3/26/2015	22:00:00	7.41	10.00	5.33	5.76	55.75	4	0
3/26/2015	23:00:00	7.48	9.93	6.47	4.44	56.16	4	0
3/27/2015	0:00:01	7.54	9.04	2.18	0.87	56.77	4	0
3/27/2015	1:00:01	7.61	8.46	3.97	3.95	56.57	4	0
3/27/2015	2:00:00	7.75	7.95	5.69	2.37	55.95	4	0
3/27/2015	3:00:00	7.85	7.02	4.57	7.71	56.77	4	0
3/27/2015	4:00:01	7.96	6.39	6.54	8.91	56.98	4	0
3/27/2015	5:00:01	8.04	6.07	6.46	5.64	57.79	4	0
3/27/2015	6:00:00	8.04	6.07	6.46	13.07	57.59	4	0
3/27/2015	7:00:00	8.36	6.35	9.54	14.23	56.98	4	0

3/27/2015	8:00:01	8.23	6.18	7.61	5.54	56.77	4	0
3/27/2015	9:00:01	8.18	6.27	8.22	9.52	56.98	4	0
3/27/2015	10:00:01	8.37	6.80	11.54	13.46	56.98	4	0
3/27/2015	11:00:00	8.50	7.11	10.15	13.64	57.38	4	0
3/27/2015	12:00:00	8.60	8.19	15.08	25.24	57.79	4	0
3/27/2015	13:00:01	8.82	9.18	15.43	29.16	57.18	4	0
3/27/2015	14:00:01	8.89	9.82	13.46	23.17	57.18	4	0
3/27/2015	15:00:00	8.89	9.82	13.46	7.80	57.18	4	0
3/27/2015	16:00:00	8.47	10.52	8.85	9.15	57.79	4	0
3/27/2015	17:00:01	8.35	10.58	7.50	9.65	57.59	4	0
3/27/2015	18:00:01	8.21	10.43	7.51	6.09	58.40	4	0
3/27/2015	19:00:00	8.11	9.85	2.73	3.93	57.18	4	0
3/27/2015	20:00:00	8.02	9.86	8.18	7.16	56.77	4	0
3/27/2015	21:00:01	8.22	10.19	12.57	12.09	57.38	4	0
3/27/2015	22:00:01	8.34	9.93	8.41	6.24	57.38	4	0
3/27/2015	23:00:01	8.46	9.90	10.02	10.34	58.81	4	0
3/28/2015	0:00:00	8.73	9.39	9.00	10.71	58.61	4	0
3/28/2015	1:00:00	8.93	8.88	9.17	7.59	59.22	4	0
3/28/2015	2:00:01	8.97	8.36	6.97	8.66	59.02	4	0
3/28/2015	3:00:01	9.10	8.14	7.74	5.24	59.63	4	0
3/28/2015	4:00:00	9.16	8.09	8.18	9.40	59.22	4	0
3/28/2015	5:00:00	9.20	8.10	7.56	9.49	59.22	4	0
3/28/2015	6:00:00	9.25	8.30	9.76	14.82	59.83	4	0
3/28/2015	7:00:01	9.80	9.86	20.43	19.30	58.61	4	0
3/28/2015	8:00:01	9.80	9.72	5.49	15.91	57.38	4	0
3/28/2015	9:00:00	9.97	9.66	11.72	13.12	57.79	4	0
3/28/2015	10:00:00	9.78	9.54	6.99	3.78	58.40	4	0
3/28/2015	11:00:01	9.67	9.28	6.54	8.22	57.59	4	0
3/28/2015	12:00:01	9.46	9.31	9.15	9.70	57.38	4	0
3/28/2015	13:00:00	9.45	9.79	15.03	22.25	57.79	4	0
3/28/2015	14:00:00	9.66	10.72	18.01	5.61	57.38	4	0
3/28/2015	15:00:00	9.75	11.12	12.63	6.81	57.18	4	0
3/28/2015	16:00:01	9.86	11.36	11.24	13.64	57.18	4	0
3/28/2015	17:00:01	10.07	11.77	12.94	12.20	58.00	4	0
3/28/2015	18:00:00	10.99	13.44	30.49	45.36	58.00	4	0
3/28/2015	19:00:00	11.98	13.95	28.05	23.05	57.59	4	0

3/28/2015	20:00:01	12.47	15.21	21.47	24.07	57.79	4	0
3/28/2015	21:00:01	12.85	16.06	22.41	22.38	57.59	4	0
3/28/2015	22:00:01	13.34	17.18	20.45	13.56	57.79	4	0
3/28/2015	23:00:00	13.79	18.39	21.21	14.86	58.40	4	0
3/29/2015	0:00:00	14.91	20.61	34.97	56.06	57.18	4	0
3/29/2015	1:00:01	16.22	22.74	40.06	26.70	57.79	4	0
3/29/2015	2:00:01	17.58	24.55	38.51	44.64	57.79	4	0
3/29/2015	3:00:00	19.68	28.37	58.22	67.69	57.59	4	0
3/29/2015	4:00:00	21.60	31.97	54.38	48.68	57.59	4	0
3/29/2015	5:00:01	24.11	36.57	67.25	75.11	58.00	4	0
3/29/2015	6:00:01	25.95	38.58	55.37	50.28	57.59	4	0
3/29/2015	7:00:01	28.83	43.66	86.17	76.51	56.77	4	0
3/29/2015	8:00:00	31.34	47.24	61.29	60.40	56.57	4	0
3/29/2015	9:00:00	33.16	49.95	54.46	50.18	56.98	4	0
3/29/2015	10:00:01	34.64	51.73	41.76	40.74	56.36	4	0
3/29/2015	11:00:01	35.90	53.03	38.42	36.78	56.77	4	0
3/29/2015	12:00:00	37.12	53.18	34.83	65.65	56.36	4	0
3/29/2015	13:00:00	38.17	53.00	34.97	28.93	56.36	4	0
3/29/2015	14:00:00	39.04	52.62	26.19	23.77	56.57	4	0
3/29/2015	15:00:01	39.65	49.72	22.55	28.96	55.95	4	0
3/29/2015	16:00:01	39.77	46.20	14.85	16.01	56.57	4	0
3/29/2015	17:00:00	40.09	42.02	18.95	24.55	56.16	4	0
3/29/2015	18:00:01	39.50	38.67	18.03	22.88	55.75	4	0
3/29/2015	19:00:00	38.59	32.10	13.24	3.07	56.36	4	0
3/29/2015	20:00:00	37.52	26.91	2.88	1.07	56.16	4	0
3/29/2015	21:00:01	36.45	22.43	3.23	4.14	56.77	4	0
3/29/2015	22:00:01	35.61	19.18	3.78	4.09	56.98	4	0
3/29/2015	23:00:01	34.75	16.16	2.80	3.97	57.18	4	0
3/30/2015	0:00:00	33.29	13.47	2.99	2.34	57.18	4	0
3/30/2015	1:00:00	31.80	10.87	3.26	5.16	57.18	4	0
3/30/2015	2:00:01	30.30	9.17	5.60	6.15	56.98	4	0
3/30/2015	3:00:01	28.05	7.89	6.82	8.42	57.38	4	0
3/30/2015	4:00:00	26.12	7.39	8.39	9.44	56.98	4	0
3/30/2015	5:00:00	23.57	6.55	8.50	9.08	57.18	4	0
3/30/2015	6:00:01	21.55	5.79	8.38	10.86	57.38	4	0
3/30/2015	7:00:01	18.48	5.64	11.04	17.95	56.98	4	0

3/30/2015	8:00:00	16.83	6.93	18.00	19.18	57.18	4	0
3/30/2015	9:00:00	15.17	7.72	12.14	-22.63	57.18	4	0
3/30/2015	10:00:00	14.15	8.73	15.39	13.47	56.16	4	0
3/30/2015	11:00:01	12.82	9.04	6.07	6.66	56.57	4	0
3/30/2015	12:00:01	11.82	9.70	10.30	16.03	55.75	4	0
3/30/2015	13:00:00	11.12	11.01	18.74	8.94	55.34	4	0
3/30/2015	14:00:00	10.37	11.25	8.18	5.17	55.14	4	0
3/30/2015	15:00:01	9.84	11.49	9.50	11.32	55.14	4	0
3/30/2015	16:00:01	9.70	11.76	12.45	11.39	55.95	4	0
3/30/2015	17:00:00	9.37	11.98	11.36	8.04	55.95	4	0
3/30/2015	18:00:00	9.60	13.25	24.71	29.70	56.36	4	0
3/30/2015	19:00:01	10.71	15.65	40.09	65.71	56.16	4	0
3/30/2015	20:00:01	12.87	18.66	54.97	40.57	56.16	4	0
3/30/2015	21:00:01	14.21	20.59	35.70	35.35	56.77	4	0
3/30/2015	22:00:00	14.99	21.18	23.37	23.51	56.36	4	0
3/30/2015	23:00:00	15.86	22.67	24.17	26.79	56.57	4	0
3/31/2015	0:00:01	16.78	23.92	25.46	26.96	56.57	4	0
3/31/2015	1:00:01	17.34	23.74	15.81	16.04	56.57	4	0
3/31/2015	2:00:00	17.81	24.49	17.52	13.45	56.36	4	0
3/31/2015	3:00:00	18.17	25.03	16.97	19.85	56.98	4	0
3/31/2015	4:00:01	18.20	24.90	13.68	9.51	58.00	4	0
3/31/2015	5:00:01	18.23	24.79	11.09	11.01	58.00	4	0
3/31/2015	6:00:01	18.28	23.64	11.82	10.63	58.00	4	0
3/31/2015	7:00:00	18.39	21.49	11.71	20.90	57.59	4	0
3/31/2015	8:00:00	18.67	19.00	22.43	20.53	58.20	4	0
3/31/2015	9:00:00	18.67	19.00	22.43	13.17	58.20	4	0
3/31/2015	10:00:00	18.83	16.55	10.32	8.39	57.18	4	0
3/31/2015	11:00:01	18.92	15.09	5.74	6.51	57.18	4	0
3/31/2015	12:00:01	18.74	13.51	6.73	8.56	56.98	4	0
3/31/2015	13:00:00	18.38	12.89	7.74	7.56	56.57	4	0
3/31/2015	14:00:00	18.33	11.99	6.88	9.23	56.57	4	0
3/31/2015	15:00:01	18.30	11.22	7.51	9.55	56.57	4	0
3/31/2015	16:00:01	18.43	11.34	15.37	16.18	56.77	4	0
3/31/2015	17:00:00	18.77	11.97	18.74	13.07	56.98	4	0
3/31/2015	18:00:00	18.69	13.06	26.21	70.06	58.00	4	0
3/31/2015	19:00:01	17.71	13.80	22.96	30.68	59.43	4	0

3/31/2015	20:00:01	16.54	14.23	28.48	26.44	59.83	4	0
3/31/2015	21:00:01	15.91	14.52	20.26	11.96	59.83	4	0
3/31/2015	22:00:00	15.81	15.44	22.08	22.11	59.83	4	0
3/31/2015	23:00:00	15.61	16.57	19.56	15.34	59.63	4	0
4/1/2015	0:00:01	15.04	16.96	11.62	14.31	60.04	4	0
4/1/2015	1:00:01	14.85	17.26	11.47	12.90	60.24	4	0
4/1/2015	2:00:01	14.74	17.91	14.71	15.70	60.45	4	0
4/1/2015	3:00:00	14.50	18.20	11.00	11.74	60.65	4	0
4/1/2015	4:00:00	14.34	17.80	10.74	7.69	60.24	4	0
4/1/2015	5:00:01	14.19	16.94	7.67	9.20	60.45	4	0
4/1/2015	6:00:01	14.39	16.23	16.62	16.34	60.65	4	0
4/1/2015	7:00:00	15.24	16.77	25.59	33.94	59.83	4	0
4/1/2015	8:00:00	16.15	17.91	40.15	40.40	58.81	4	0
4/1/2015	9:00:00	17.30	19.72	39.93	41.06	58.20	4	0
4/1/2015	10:00:01	18.60	21.16	37.98	42.54	57.38	4	0
4/1/2015	11:00:14	0	0	0	0.00	21.65	1	0
4/1/2015	12:00:00	0	0	0	0	21.2381	3	0
4/1/2015	13:00:00	0	0	0	60.9924	21.2381	4	0
4/1/2015	14:00:01	0	0	0	69.9376	21.4423	4	0
4/1/2015	15:00:01	0	0	73.4469	55.799	21.4423	4	0
4/1/2015	16:00:00	0	0	75.2102	92.2662	22.0549	4	0
4/1/2015	17:00:00	0	0	68.1492	63.715	22.0549	4	0
4/1/2015	18:00:00	0	0	73.1482	52.148	23.076	4	0
4/1/2015	19:00:01	0	0	54.7496	58.5136	23.4844	4	0
4/1/2015	20:00:00	0	0	59.2273	59.5738	24.3013	4	0
4/1/2015	21:00:00	0	0	50.9939	50.0423	24.0971	4	0
4/1/2015	22:00:00	0	0	44.6924	55.8428	25.3223	4	0
4/1/2015	23:00:01	0	0	56.0891	57.4223	25.5265	4	0
4/2/2015	0:00:01	0	0	49.2979	50.6451	25.5265	4	0
4/2/2015	1:00:00	0	0	45.8665	48.8837	25.5265	4	0
4/2/2015	2:00:00	0	57.3498	46.8512	49.4823	26.1392	4	0
No Data Power Outage From 4/2/15 @ 02:55 - 4/4/15 @ 08:10 Based on PM4 Interval Data								
4/4/2015	9:00:00	0	0	0	0	26.956	3	64
4/4/2015	10:00:01	0	0	0	27.5117	27.5687	4	0
4/4/2015	11:00:00	0	0	0	18.6018	27.1602	4	0
4/4/2015	12:00:00	0	0	24.1053	23.2203	26.7518	4	0

4/4/2015	13:00:01	0	0	31.6092	30.5289	27.1602	4	0
4/4/2015	14:00:01	0	0	21.7276	30.4661	27.1602	4	0
4/4/2015	15:00:00	0	0	20.6334	21.8904	27.1602	4	0
4/4/2015	16:00:01	0	0	20.8772	16.9753	26.956	4	0
4/4/2015	17:00:01	0	0	18.7165	16.878	26.7518	4	0
4/4/2015	18:00:00	0	0	12.9797	16.3903	27.9771	4	0
4/4/2015	19:00:00	0	0	14.9879	17.3096	27.7729	4	0
4/4/2015	20:00:01	0	0	10.8396	11.1051	28.3855	4	0
4/4/2015	21:00:01	0	0	41.5152	68.7796	27.5687	4	0
4/4/2015	22:00:00	0	0	33.9872	26.3241	28.1813	4	0
4/4/2015	23:00:01	0	22.2043	15.7885	12.4929	28.3855	4	0
4/5/2015	0:00:01	0	21.1973	12.3936	11.1868	28.1813	4	0
4/5/2015	1:00:00	0	19.4168	10.7539	11.5732	28.5897	4	0
4/5/2015	2:00:00	0	18.9663	16.7873	15.7611	28.3855	4	0
4/5/2015	3:00:01	0	19.4236	25.9308	30.6604	28.5897	4	0
4/5/2015	4:00:00	0	20.0112	27.7408	32.7405	28.5897	4	0
4/5/2015	5:00:00	0	19.4191	12.3842	5.77447	30.0192	4	0
4/5/2015	6:00:00	0	21.2515	33.6763	31.2987	29.2024	4	0
4/5/2015	7:00:01	0	22.2168	25.2889	36.1459	29.6108	4	0
4/5/2015	8:00:00	0	23.7963	27.7965	23.6234	29.4066	4	0
4/5/2015	9:00:00	0	22.4608	22.9361	26.3151	29.6108	4	0
4/5/2015	10:00:01	0	21.6762	22.8532	31.7139	29.2024	4	0
4/5/2015	11:00:02	22.4906	22.2408	21.2844	19.5599	29.4066	4	0
4/5/2015	12:00:00	22.8395	23.91	32.3917	39.5041	28.794	4	0
4/5/2015	13:00:01	23.4871	26.9265	46.6388	43.9196	28.794	4	0
4/5/2015	14:00:01	24.1267	28.5061	34.8225	49.1786	28.794	4	0
4/5/2015	15:00:00	24.514	28.7296	29.0931	30.4688	28.9982	4	0
4/5/2015	16:00:00	24.6833	28.4389	26.0264	21.2135	29.4066	4	0
4/5/2015	17:00:01	24.9201	29.4379	25.3433	29.0625	29.815	4	0
4/5/2015	18:00:01	25.3193	28.4618	24.6586	24.8649	30.0192	4	0
4/5/2015	19:00:00	26.6933	30.4916	53.2949	98.3432	30.4276	4	0
4/5/2015	20:00:01	28.7698	33.4472	67.4092	34.7455	30.8361	4	0
4/5/2015	21:00:01	29.2688	36.0433	54.1902	55.2475	31.2445	4	0
4/5/2015	22:00:00	30.4329	39.4715	66.3632	41.2125	31.2445	4	0
4/5/2015	23:00:00	31.7883	41.7726	48.6934	59.1753	31.4487	4	0
4/6/2015	0:00:01	33.039	42.7788	46.0526	40.9099	31.8571	4	0

4/6/2015	1:00:00	34.2505	42.2984	38.9065	44.5837	31.2445	4	0
4/6/2015	2:00:00	34.8158	42.071	31.6251	37.9095	31.6529	4	0
4/6/2015	3:00:00	35.2416	42.6838	33.9211	28.7362	31.6529	4	0
4/6/2015	4:00:01	35.779	43.8533	36.4766	37.6688	31.0403	4	0
4/6/2015	5:00:01	36.5351	44.3771	31.3121	22.3382	31.6529	4	0
4/6/2015	6:00:00	36.5436	45.2624	34.9173	37.7094	31.6529	4	0
4/6/2015	7:00:00	37.2633	44.3924	40.7589	68.0434	31.6529	4	0
4/6/2015	8:00:01	38.5183	43.5514	56.0191	47.2976	31.8571	4	0
4/6/2015	9:00:00	38.658	41.1112	23.4807	17.966	32.2656	4	0
4/6/2015	10:00:00	38.4911	37.0539	18.0974	25.2351	32.0613	4	0
4/6/2015	11:00:00	38.5619	34.7448	20.6396	12.7467	32.2656	4	0
4/6/2015	12:00:00	38.169	32.4477	17.1021	20.5455	31.4487	4	0
4/6/2015	13:00:01	36.9117	30.4491	15.6203	16.6778	31.6529	4	0
4/6/2015	14:00:01	36.6296	29.8587	23.8837	38.893	31.6529	4	0
4/6/2015	15:00:00	36.9771	29.8494	33.2721	51.3471	31.2445	4	0
4/6/2015	16:00:00	37.6766	30.5013	46.6983	42.2719	32.2656	4	0
4/6/2015	17:00:01	37.6657	30.093	28.3798	19.2206	32.0613	4	0
4/6/2015	18:00:01	37.6235	29.1155	24.0393	22.5199	32.2656	4	0
4/6/2015	19:00:00	37.1422	29.2747	44.0832	43.5651	32.2656	4	0
4/6/2015	20:00:01	35.2049	26.8058	29.8262	25.7523	33.2866	4	0
4/6/2015	21:00:01	33.5972	26.423	20.6437	21.5906	33.4908	4	0
4/6/2015	22:00:00	31.4997	26.5888	22.405	21.1693	33.695	4	0
4/6/2015	23:00:00	29.9818	26.0701	15.5006	17.2535	33.4908	4	0
4/7/2015	0:00:01	28.5239	25.6006	11.1587	12.3518	33.4908	4	0
4/7/2015	1:00:00	27.3373	25.2102	10.7985	8.70431	34.1035	4	0
4/7/2015	2:00:00	26.4208	24.1094	10.1629	9.20012	33.4908	4	0
4/7/2015	3:00:01	25.3598	22.1195	7.91011	7.44288	33.8993	4	0
4/7/2015	4:00:01	24.2111	19.0473	7.83341	8.40101	33.8993	4	0
4/7/2015	5:00:00	23.3389	17.5893	9.9718	14.025	33.4908	4	0
4/7/2015	6:00:00	22.4564	16.7605	13.3881	13.2585	33.2866	4	0
4/7/2015	7:00:01	21.2769	14.1663	11.4821	13.695	33.695	4	0
4/7/2015	8:00:00	19.541	12.8507	13.4979	15.8439	33.4908	4	0
4/7/2015	9:00:00	19.1453	12.2233	12.575	11.189	33.2866	4	0
4/7/2015	10:00:01	19.0656	11.5974	14.4418	16.2935	34.1035	4	0
4/7/2015	11:00:01	19.0065	11.8017	17.7272	18.7966	34.3077	4	0
4/7/2015	12:00:00	19.1424	12.4119	18.0224	20.0899	33.695	4	0

4/7/2015	13:00:01	19.2483	13.0791	19.312	16.2396	34.5119	4	0
4/7/2015	14:00:01	18.9835	13.5777	15.9364	20.1943	34.3077	4	0
4/7/2015	15:00:01	18.4072	14.4052	17.6408	18.1672	34.3077	4	0
4/7/2015	16:00:00	17.2374	15.2076	17.5985	20.4487	34.3077	4	0
4/7/2015	17:00:01	16.8975	16.0561	20.7449	25.6923	34.5119	4	0
4/7/2015	18:00:01	16.7871	16.7004	21.5804	23.4074	34.3077	4	0
4/7/2015	19:00:00	15.9872	17.7198	23.754	21.1363	34.5119	4	0
4/7/2015	20:00:00	15.6069	18.276	20.2397	21.5808	35.1245	4	0
4/7/2015	21:00:01	15.8288	19.357	25.2926	27.5321	34.7161	4	0
4/7/2015	22:00:00	16.0233	20.3918	26.5452	21.1349	34.5119	4	0
4/7/2015	23:00:00	16.2095	20.5846	20.103	25.0656	34.9203	4	0
4/8/2015	0:00:01	16.8852	21.3618	27.0899	17.8292	34.9203	4	0
4/8/2015	1:00:01	17.0319	20.9598	14.7568	16.4643	35.3288	4	0
4/8/2015	2:00:00	17.5213	21.4705	22.1619	20.6389	35.1245	4	0
4/8/2015	3:00:00	17.865	21.3348	15.5975	22.4121	34.9203	4	0
4/8/2015	4:00:01	18.1009	20.8839	10.2518	-3.84963	34.7161	4	0
4/8/2015	5:00:00	18.3021	20.5299	18.901	14.4346	34.7161	4	0
4/8/2015	6:00:00	18.4408	20.1257	16.7526	19.3031	35.1245	4	0
4/8/2015	7:00:01	18.6171	19.4612	15.91	9.42288	34.9203	4	0
4/8/2015	8:00:01	18.6569	18.9448	13.6317	15.0148	35.3288	4	0
4/8/2015	9:00:01	18.8134	18.1878	16.1731	18.9002	35.1245	4	0
4/8/2015	10:00:01	19.1505	17.7727	20.8729	28.3981	35.3287	4	0
4/8/2015	11:00:00	19.2723	17.7691	19.7221	11.7169	36.1456	4	0
4/8/2015	12:00:01	19.2452	16.8769	16.0008	15.5533	35.3287	4	0
4/8/2015	13:00:01	19.1704	17.062	16.6943	15.583	35.1245	4	0
4/8/2015	14:00:01	19.2056	16.5374	15.6929	17.0896	34.9203	4	0
4/8/2015	15:00:00	19.1373	16.5344	15.4988	16.2277	35.1245	4	0
4/8/2015	16:00:01	19.2288	17.2619	18.3334	17.2756	35.3288	4	0
4/8/2015	17:00:01	19.4926	18.0397	29.4647	41.4217	35.533	4	0
4/8/2015	18:00:00	19.43	18.552	25.3059	20.3032	35.7372	4	0
4/8/2015	19:00:01	18.9797	18.4653	16.5399	15.9724	36.3498	4	0
4/8/2015	20:00:01	18.58	18.2614	11.5787	9.21724	36.554	4	0
4/8/2015	21:00:00	17.8359	17.5189	6.98421	9.69988	35.7372	4	0
4/8/2015	22:00:00	17.1985	16.745	11.6299	15.7988	35.9414	4	0
4/8/2015	23:00:01	17.0188	16.4451	16.0719	23.4436	36.3498	4	0
4/9/2015	0:00:00	16.4751	16.2417	12.7807	18.2043	36.554	4	0

4/9/2015	1:00:00	16.3896	15.9465	13.1308	15.8915	36.554	4	0
4/9/2015	2:00:01	16.0232	15.7531	12.8717	14.1638	36.554	4	0
4/9/2015	3:00:01	16.2581	16.2063	20.183	26.5231	36.3498	4	0
4/9/2015	4:00:00	16.4893	15.9932	15.176	12.117	36.554	4	0
4/9/2015	5:00:00	16.4551	15.0504	17.4377	21.2961	36.7582	4	0
4/9/2015	6:00:01	16.5299	14.4724	18.1734	16.7087	36.1456	4	0
4/9/2015	7:00:00	16.7092	14.7262	19.3076	17.6873	36.1456	4	0
4/9/2015	8:00:00	17.0483	15.4855	20.0697	15.9252	36.3498	4	0
4/9/2015	9:00:01	17.6642	17.3724	28.489	23.6248	35.7372	4	0
4/9/2015	10:00:01	18.0447	18.7677	26.9414	24.3548	35.533	4	0
4/9/2015	11:00:00	18.374	19.65	26.268	30.2032	34.9203	4	0
4/9/2015	12:00:01	18.7863	20.6567	24.1367	28.0983	35.3288	4	0
4/9/2015	13:00:01	18.9577	21.1935	18.6404	18.1043	34.7161	4	0
4/9/2015	14:00:00	18.9318	21.4901	18.8528	27.4191	35.533	4	0
4/9/2015	15:00:00	19.9557	22.9623	36.4078	37.4095	34.9203	4	0
4/9/2015	16:00:01	20.3533	23.9682	27.2381	25.9657	34.3077	4	0
4/9/2015	17:00:01	20.5728	25.5506	39.3355	66.1751	34.9203	4	0
4/9/2015	18:00:00	21.4218	27.8098	44.5935	39.3543	35.3287	4	0
4/9/2015	19:00:01	22.2947	29.2982	37.1406	38.1513	34.9203	4	0
4/9/2015	20:00:01	22.6266	29.4046	25.7949	17.2396	35.533	4	0
4/9/2015	21:00:00	22.8286	28.2443	20.1305	13.9353	36.554	4	0
4/9/2015	22:00:00	22.4174	26.3547	7.10296	6.00463	36.554	4	0
4/9/2015	23:00:01	21.8363	24.5502	6.21719	3.13938	36.7582	4	0
4/10/2015	0:00:00	21.2808	22.6887	2.69374	2.40299	36.7582	4	0
4/10/2015	1:00:00	20.8165	21.4702	4.46873	5.18766	36.9624	4	0
4/10/2015	2:00:01	20.2935	20.0636	2.09692	3.10902	37.3709	4	0
4/10/2015	3:00:01	19.4493	17.2709	1.62413	3.12634	36.9625	4	0
4/10/2015	4:00:00	18.885	15.2739	1.6841	5.49626	37.1667	4	0
4/10/2015	5:00:00	18.3635	12.564	4.53976	3.03394	37.3709	4	0
4/10/2015	6:00:01	17.8886	9.64125	6.83658	7.72741	36.7582	4	0
4/10/2015	7:00:00	17.3905	7.24849	5.88908	12.976	37.1667	4	0
4/10/2015	8:00:00	17.0584	6.11859	10.9115	10.1588	37.3709	4	0
4/10/2015	9:00:01	16.47	5.37374	10.3556	12.5966	37.3709	4	0
4/10/2015	10:00:01	16.1546	6.22951	17.1949	30.3996	37.3709	4	0
4/10/2015	11:00:00	16.5986	8.63031	34.8651	22.5422	37.1667	4	0
4/10/2015	12:00:01	18.1572	13.2979	58.1148	51.5664	36.3498	4	0

4/10/2015	13:00:01	19.2074	16.3326	39.6396	40.2418	36.1456	4	0
4/10/2015	14:00:01	20.5238	20.409	51.5835	64.9932	36.7582	4	0
4/10/2015	15:00:00	22.6977	27.8392	94.497	97.1591	37.7793	4	0
4/10/2015	16:00:00	24.1226	32.814	63.6551	61.9054	37.5751	4	0
4/10/2015	17:00:01	23.3465	34.016	19.2369	15.2556	37.7793	4	0
4/10/2015	18:00:01	22.0969	34.5043	14.7944	15.47	37.9835	4	0
4/10/2015	19:00:00	21.0176	34.7987	12.0402	9.57992	37.7793	4	0
4/10/2015	20:00:00	20.2164	34.3383	6.38157	7.22804	37.7793	4	0
4/10/2015	21:00:01	19.5638	33.8107	6.26264	7.5928	37.7793	4	0
4/10/2015	22:00:00	19.5283	32.9367	8.35282	14.2868	38.1877	4	0
4/10/2015	23:00:00	19.4722	30.5565	6.81815	5.9897	38.1877	4	0
4/11/2015	0:00:01	19.6504	26.5346	7.13664	6.53578	38.1877	4	0
4/11/2015	1:00:01	19.7715	24.0449	7.80795	5.60114	37.3709	4	0
4/11/2015	2:00:00	19.9259	20.4562	5.46335	10.7479	38.1877	4	0
4/11/2015	3:00:00	20.1075	13.4834	7.51682	7.02131	38.3919	4	0
4/11/2015	4:00:01	20.3628	8.99248	7.44271	5.6802	38.3919	4	0
4/11/2015	5:00:00	20.5641	8.33623	11.0117	11.0106	38.5961	4	0
4/11/2015	6:00:00	20.7325	7.96478	9.81376	13.5001	38.5961	4	0
4/11/2015	7:00:01	21.192	7.92446	10.578	10.2729	37.7793	4	0
4/11/2015	8:00:01	21.6254	8.75864	15.6444	16.2366	38.5961	4	0
4/11/2015	9:00:00	21.7254	9.16242	10.878	13.6511	38.5961	4	0
4/11/2015	10:00:01	21.7396	9.69782	14.4337	19.7895	37.7793	4	0
4/11/2015	11:00:01	20.9124	10.2336	13.0877	8.16441	37.7793	4	0
4/11/2015	12:00:00	19.0498	10.5878	11.2614	13.9568	37.7793	4	0
4/11/2015	13:00:00	18.4771	11.8553	22.6197	23.105	37.5751	4	0
4/11/2015	14:00:01	16.9083	12.4434	12.3065	11.5075	37.5751	4	0
4/11/2015	15:00:00	13.4465	12.8047	11.9769	19.2455	37.3709	4	0
4/11/2015	16:00:01	11.3592	13.3568	13.7913	20.4736	36.554	4	0
4/11/2015	17:00:01	11.4188	14.1585	21.341	32.3781	36.7582	4	0
4/11/2015	18:00:00	11.4188	14.1585	21.341	24.192	37.5751	4	0
4/11/2015	19:00:01	11.9421	15.8556	22.844	15.1946	39.2088	4	0
4/11/2015	20:00:01	12.3948	16.0346	19.1196	32.7716	38.8004	4	0
4/11/2015	21:00:00	13.4042	17.7076	31.7168	22.0926	39.2088	4	0
4/11/2015	22:00:00	13.9398	18.3232	22.388	29.2731	38.8004	4	0
4/11/2015	23:00:01	14.9076	19.7811	30.8314	30.4043	39.413	4	0
4/12/2015	0:00:00	15.8342	21.3196	29.5887	26.8442	39.2088	4	0

4/12/2015	1:00:00	16.3123	21.1152	19.5858	20.6174	39.413	4	0
4/12/2015	2:00:01	16.8111	21.5884	17.8588	15.124	39.6172	4	0
4/12/2015	3:00:01	17.046	21.7393	13.7403	14.5285	39.2088	4	0
4/12/2015	4:00:00	17.2727	21.7157	13.0415	12.1147	39.8214	4	0
4/12/2015	5:00:00	17.2616	20.9298	11.2754	16.6933	39.6172	4	0
4/12/2015	6:00:01	17.437	20.306	12.8006	24.7202	39.8214	4	0
4/12/2015	7:00:01	17.8867	19.9518	14.0998	11.4125	38.8004	4	0
4/12/2015	8:00:01	18.486	20.6753	25.2845	25.8203	39.2088	4	0
4/12/2015	9:00:01	19.4894	20.7712	32.1147	41.3116	38.5961	4	0
4/12/2015	10:00:00	20.5434	22.0955	38.13	46.8506	38.8004	4	0
4/12/2015	11:00:01	21.6471	22.5661	35.8974	42.8863	37.3709	4	0
4/12/2015	12:00:00	22.6483	22.9166	35.1566	35.1462	37.7793	4	0
4/12/2015	13:00:01	23.0643	24.0155	34.5167	56.5136	38.1877	4	0
4/12/2015	14:00:01	23.921	25.1513	31.687	17.1543	37.5751	4	0
4/12/2015	15:00:00	25.234	27.6738	45.8071	49.5031	38.1877	4	0
4/12/2015	16:00:01	26.1215	29.4304	34.1665	34.2747	38.5961	4	0
4/12/2015	17:00:00	26.3116	30.7289	29.1591	17.8054	39.0046	4	0
4/12/2015	18:00:01	26.1591	31.2026	19.8982	21.3788	39.0046	4	0
4/12/2015	19:00:01	25.9161	31.549	20.2283	20.4649	39.8214	4	0
4/12/2015	20:00:00	25.9156	31.0019	17.8185	17.9416	39.8214	4	0
4/12/2015	21:00:00	25.6657	30.525	25.9737	33.8968	39.6172	4	0
4/12/2015	22:00:01	26.0225	29.948	30.2961	32.2891	39.0046	4	0
4/12/2015	23:00:01	25.9429	29.4518	28.9155	34.9444	39.0046	4	0
4/13/2015	0:00:00	25.9837	29.1768	31.2778	47.1625	38.8004	4	0
4/13/2015	1:00:01	27.0238	30.1174	46.0527	46.3413	39.6172	4	0
4/13/2015	2:00:00	28.1383	31.2145	43.8438	44.689	39.413	4	0
4/13/2015	3:00:00	29.0487	30.5032	38.3808	37.4759	40.2298	4	0
4/13/2015	4:00:01	29.7284	30.3242	33.7302	45.0698	40.2298	4	0
4/13/2015	5:00:01	30.0894	29.7392	23.5127	14.3319	40.2298	4	0
4/13/2015	6:00:00	30.5646	30.1543	24.8998	20.1703	40.2298	4	0
4/13/2015	7:00:01	31.334	31.0606	29.5213	15.3242	40.2298	4	0
4/13/2015	8:00:01	30.8883	30.8932	16.7859	18.8493	40.6383	4	0
4/13/2015	9:00:00	30.0917	29.805	12.6876	13.1167	40.2298	4	0
4/13/2015	10:00:00	29.0924	28.2907	10.1029	8.67544	39.8214	4	0
4/13/2015	11:00:01	27.9964	26.6015	7.91815	2.54966	39.413	4	0
4/13/2015	12:00:01	26.9496	24.7662	8.69811	12.9629	39.0046	4	0

4/13/2015	13:00:00	25.9308	21.7568	9.91528	10.4521	39.0046	4	0
4/13/2015	14:00:01	25.1873	19.2426	13.4923	13.9119	39.8214	4	0
4/13/2015	15:00:01	23.7395	16.9466	10.8092	13.6224	39.6172	4	0
4/13/2015	16:00:00	22.8714	15.2337	13.4817	9.86353	39.8214	4	0
4/13/2015	17:00:00	21.9196	13.8423	7.33412	6.23308	39.6172	4	0
4/13/2015	18:00:01	21.4089	12.5562	10.3482	8.86961	40.2298	4	0
4/13/2015	19:00:00	20.8687	10.9886	11.5755	7.86458	40.6383	4	0
4/13/2015	20:00:00	20.483	10.5473	12.1217	25.9469	41.2509	4	0
4/13/2015	21:00:00	20.483	10.5473	12.1217	7.7089	41.2509	4	0
4/13/2015	22:00:00	18.7486	10.0119	8.61663	7.0206	41.2509	4	0
4/13/2015	23:00:01	17.8038	9.82097	5.50534	0.019622	41.2509	4	0
4/14/2015	0:00:01	16.6847	9.45429	4.3164	5.15914	41.6593	4	0
4/14/2015	1:00:00	15.2356	9.54394	11.0967	8.60144	41.6593	4	0
4/14/2015	2:00:00	13.867	9.23438	9.40046	7.439	42.0678	4	0
4/14/2015	3:00:01	12.7361	9.2203	10.5485	7.74404	41.6593	4	0
4/14/2015	4:00:00	11.8089	8.99538	10.315	9.26476	41.6593	4	0
4/14/2015	5:00:00	11.3799	9.43929	12.4709	14.1763	41.6593	4	0
4/14/2015	6:00:01	10.9635	9.79092	14.3804	24.7035	42.0677	4	0
4/14/2015	7:00:01	11.185	11.6128	32.7496	37.4814	41.6593	4	0
4/14/2015	8:00:00	11.185	11.6128	32.7496	40.6729	41.0467	4	0
4/14/2015	9:00:01	12.2773	14.2939	22.2664	5.16208	40.8425	4	0
4/14/2015	10:00:01	12.5147	14.8249	14.1792	12.5355	40.6383	4	0
4/14/2015	11:00:00	12.7732	15.511	13.3458	13.6582	39.8214	4	0
4/14/2015	12:00:01	13.1813	16.6443	17.0424	18.5426	39.413	4	0
4/14/2015	13:00:01	13.3484	16.8531	14.075	15.2783	40.2298	4	0
No Data Power Outage From 4/14/15 @ 13:25 - 4/16/15 @ 08:15 based on PM4 Interval Data								
4/16/2015	9:00:00	0	0	0	0	39.8214	3	64
4/16/2015	10:00:00	0	0	0	19.6225	40.4341	4	0
4/16/2015	11:00:00	0	0	0	14.6002	40.0256	4	0
4/16/2015	12:00:00	0	0	0	0	39.413	1	64
4/16/2015	13:00:01	0	0	0	0	40.0256	3	0
4/16/2015	14:00:00	0	0	0	13.6047	38.5961	4	0
4/16/2015	15:00:00	0	0	0	18.316	38.8004	4	0
4/16/2015	16:00:01	0	0	14.9968	11.1305	39.6172	4	0
4/16/2015	17:00:01	0	0	14.3936	15.3401	38.8004	4	0
4/16/2015	18:00:00	0	0	19.9657	48.8529	39.6172	4	0

4/16/2015	19:00:00	0	0	38.363	27.1737	40.6383	4	0
4/16/2015	20:00:01	0	0	17.5695	24.6026	41.4551	4	0
4/16/2015	21:00:01	0	0	24.4367	31.3813	41.4551	4	0
4/16/2015	22:00:00	0	0	21.4428	25.3069	41.4551	4	0
4/16/2015	23:00:01	0	0	19.4892	18.3607	42.0678	4	0
4/17/2015	0:00:01	0	0	15.8619	17.9543	41.6593	4	0
4/17/2015	1:00:00	0	0	21.6348	29.4959	41.8635	4	0
4/17/2015	2:00:00	0	0	19.9158	23.022	41.8635	4	0
4/17/2015	3:00:01	0	20.0634	16.8079	14.9292	42.272	4	0
4/17/2015	4:00:00	0	20.2682	16.748	16.6758	42.6804	4	0
4/17/2015	5:00:00	0	20.4912	16.5832	17.3438	42.4762	4	0
4/17/2015	6:00:01	0	20.4533	18.0626	31.6749	42.0678	4	0
4/17/2015	7:00:01	0	20.9918	41.4646	34.2741	42.272	4	0
4/17/2015	8:00:00	0	22.5179	32.9033	29.9387	41.2509	4	0
4/17/2015	9:00:00	0	23.8817	37.512	28.7099	40.8425	4	0
4/17/2015	10:00:01	0	24.0932	23.1574	22.0633	40.0256	4	0
4/17/2015	11:00:00	0	24.141	19.1905	20.0803	39.413	4	0
4/17/2015	12:00:00	0	24.7916	24.7195	50.0055	39.6172	4	0
4/17/2015	13:00:01	0	24.4505	18.9684	21.5743	40.0256	4	0
4/17/2015	14:00:01	0	24.9582	26.2616	28.9134	40.2298	4	0
4/17/2015	15:00:00	23.4422	25.6339	24.9606	22.7516	39.8214	4	0
4/17/2015	16:00:01	23.9032	26.3237	25.6293	25.393	40.0256	4	0
4/17/2015	17:00:01	24.6487	27.6013	33.2857	30.2449	40.0256	4	0
4/17/2015	18:00:01	24.7675	28.0302	25.5135	24.5336	40.6383	4	0
4/17/2015	19:00:01	23.7252	26.084	25.9377	24.201	42.0678	4	0
4/17/2015	20:00:01	24.3386	26.1919	36.2887	34.479	42.0677	4	0
4/17/2015	21:00:00	24.2533	25.1462	25.935	30.59	42.8846	4	0
4/17/2015	22:00:01	24.4218	25.4337	26.2064	27.7376	42.8846	4	0
4/17/2015	23:00:01	24.7829	26.2491	28.2882	28.4051	43.0888	4	0
4/18/2015	0:00:00	25.2176	26.5017	27.3452	26.3951	43.0888	4	0
4/18/2015	1:00:00	25.3794	27.2121	28.0273	28.3381	43.7015	4	0
4/18/2015	2:00:01	25.7965	27.6944	31.8801	29.2828	43.9057	4	0
4/18/2015	3:00:00	26.4712	28.4714	33.101	30.4912	43.9057	4	0
4/18/2015	4:00:00	26.9489	28.8396	29.3396	27.6757	44.1099	4	0
4/18/2015	5:00:01	27.4581	28.6317	29.4128	32.8043	44.5183	4	0
4/18/2015	6:00:01	28.3993	29.8995	38.471	35.892	44.3141	4	0

4/18/2015	7:00:00	28.2634	30.6182	29.5263	26.6236	44.1099	4	0
4/18/2015	8:00:00	28.5201	30.5554	31.8135	37.1375	42.6804	4	0
4/18/2015	9:00:01	28.294	30.9138	29.3242	29.4844	43.0888	4	0
4/18/2015	10:00:00	28.7098	31.2455	28.2751	29.3403	42.272	4	0
4/18/2015	11:00:00	28.9177	30.92	26.4638	22.7724	42.272	4	0
4/18/2015	12:00:01	28.7542	30.2767	20.1395	23.4756	42.4762	4	0
4/18/2015	13:00:01	29.0008	29.7964	21.5429	20.6098	42.0678	4	0
4/18/2015	14:00:00	29.1269	29.3155	25.7401	25.7355	41.4551	4	0
4/18/2015	15:00:01	29.1753	28.5644	25.2068	29.0481	41.6593	4	0
4/18/2015	16:00:01	29.0137	28.0002	25.9503	26.0193	42.4762	4	0
4/18/2015	17:00:00	28.3733	27.1214	22.1873	23.8557	43.293	4	0
4/18/2015	18:00:00	28.0317	25.5279	23.2541	29.0024	43.9057	4	0
4/18/2015	19:00:01	27.5407	24.4783	19.3289	16.7456	44.5183	4	0
4/18/2015	20:00:01	26.3882	22.7297	11.7547	11.2285	45.1309	4	0
4/18/2015	21:00:00	25.5769	21.0193	9.31047	11.9974	45.3352	4	0
4/18/2015	22:00:01	24.9542	19.6945	11.6557	12.3393	45.3352	4	0
4/18/2015	23:00:01	24.1719	18.4148	10.8631	10.609	44.9267	4	0
4/19/2015	0:00:00	23.6954	18.0203	14.2656	16.6708	45.5394	4	0
4/19/2015	1:00:00	23.2477	17.5761	14.5528	12.62	44.7225	4	0
4/19/2015	2:00:01	22.4291	16.5369	12.3369	12.2127	45.3352	4	0
4/19/2015	3:00:00	21.5227	15.4849	11.7386	11.062	45.7436	4	0
4/19/2015	4:00:00	20.7624	14.3071	10.9244	13.8879	45.3352	4	0
4/19/2015	5:00:00	19.9353	13.4269	11.6787	13.6489	45.9478	4	0
4/19/2015	6:00:01	18.8785	12.6034	12.8988	12.7099	45.5394	4	0
4/19/2015	7:00:00	18.4623	12.3639	15.171	14.0665	45.3352	4	0
4/19/2015	8:00:00	17.8012	12.5717	13.7446	11.8349	45.3352	4	0
4/19/2015	9:00:01	17.4167	13.2315	16.1159	17.632	44.3141	4	0
4/19/2015	10:00:01	17.0667	13.7739	17.733	17.5718	44.1099	4	0
4/19/2015	11:00:00	16.7144	14.3705	18.4917	17.7016	43.7015	4	0
4/19/2015	12:00:00	16.56	14.524	16.568	18.8423	44.3141	4	0
4/19/2015	13:00:01	16.5486	15.0777	21.7998	29.7038	44.5183	4	0
4/19/2015	14:00:01	16.5452	16.2606	27.9098	18.5575	45.1309	4	0
4/19/2015	15:00:00	16.0798	16.3378	12.0957	14.9562	45.3352	4	0
4/19/2015	16:00:00	15.6762	16.8237	17.876	27.0648	45.1309	4	0
4/19/2015	17:00:01	15.2461	16.8579	12.9391	12.0514	46.3562	4	0
4/19/2015	18:00:01	14.604	16.4538	8.70784	9.98171	46.5604	4	0

4/19/2015	19:00:00	14.2729	16.1447	11.5085	11.1449	45.9478	4	0
4/19/2015	20:00:01	14.2043	15.8611	10.4478	10.5115	46.3562	4	0
4/19/2015	21:00:01	14.135	15.1722	7.55934	5.70132	46.152	4	0
4/19/2015	22:00:00	13.9379	14.3023	6.91948	7.14897	46.152	4	0
4/19/2015	23:00:00	13.7796	13.3946	7.40102	8.97293	45.9478	4	0
4/20/2015	0:00:01	13.515	12.7153	8.20082	10.3031	45.5394	4	0
4/20/2015	1:00:00	13.2451	11.5882	7.78424	8.18746	45.9478	4	0
4/20/2015	2:00:00	13.2839	10.3668	12.9353	15.2987	45.1309	4	0
4/20/2015	3:00:01	13.2966	10.3647	11.8786	7.12438	46.152	4	0
4/20/2015	4:00:01	12.7828	8.90206	0.985506	2.52653	46.7646	4	0
4/20/2015	5:00:00	12.3005	7.88078	0.756705	1.12731	45.7436	4	0
4/20/2015	6:00:00	11.8521	7.36719	2.59812	2.61654	45.9478	4	0
4/20/2015	7:00:01	11.3254	6.63988	2.77295	1.10139	45.9478	4	0
4/20/2015	8:00:00	10.9063	6.09707	3.93746	4.68701	45.5394	4	0
4/20/2015	9:00:00	10.55	6.1253	7.97978	7.32005	46.3562	4	0
4/20/2015	10:00:01	10.0154	5.91013	4.24318	7.12213	46.152	4	0
4/20/2015	11:00:01	9.58834	5.94672	7.78316	9.16106	45.9478	4	0
4/20/2015	12:00:00	9.21248	5.88157	7.40235	7.43172	46.152	4	0
4/20/2015	13:00:01	8.97736	6.48944	14.8266	11.8715	46.152	4	0
4/20/2015	14:00:01	8.28901	6.34997	11.1834	14.314	46.3562	4	0
4/20/2015	15:00:00	8.185	6.1423	9.15849	10.0998	46.5604	4	0
4/20/2015	16:00:00	7.88955	6.95149	10.8489	8.69063	45.9478	4	0
4/20/2015	17:00:01	7.66857	7.50428	7.39305	9.49608	46.152	4	0
4/20/2015	18:00:01	7.70838	8.09182	9.73963	12.5667	46.152	4	0
4/20/2015	19:00:00	7.50776	8.42595	7.13302	5.34662	46.152	4	0
4/20/2015	20:00:01	7.27139	8.49252	4.93827	4.10836	45.9478	4	0
4/20/2015	21:00:01	7.0868	8.08365	3.0394	2.23313	45.9478	4	0
4/20/2015	22:00:00	6.96104	8.05855	4.1616	4.90574	46.3562	4	0
4/20/2015	23:00:00	6.84693	7.78885	4.38644	4.36686	46.3562	4	0
4/21/2015	0:00:00	6.68454	7.52866	4.34713	5.98031	46.7646	4	0
4/21/2015	1:00:01	6.5214	6.60485	3.30388	3.37514	46.7646	4	0
4/21/2015	2:00:01	6.09326	5.88504	2.52753	3.79977	46.5604	4	0
4/21/2015	3:00:00	5.83928	5.59849	5.73114	5.68044	46.5604	4	0
4/21/2015	4:00:00	5.91817	4.95478	3.02443	1.63189	46.5604	4	0
4/21/2015	5:00:01	6.0376	4.66015	3.81131	4.99243	46.3562	4	0
4/21/2015	6:00:00	6.18961	4.36672	6.05989	5.55756	46.5604	4	0

4/21/2015	7:00:00	6.40524	4.39501	7.33161	8.04551	46.152	4	0
4/21/2015	8:00:01	6.68264	4.86285	10.5489	8.38909	47.1731	4	0
4/21/2015	9:00:01	6.79259	5.47026	10.2393	10.4259	47.5815	4	0
4/21/2015	10:00:01	7.21745	6.3152	14.257	19.3879	46.9689	4	0
4/21/2015	11:00:00	7.71654	7.55746	19.0205	17.2443	46.3562	4	0
4/21/2015	12:00:01	8.76329	9.89739	32.3613	40.5632	46.5604	4	0
4/21/2015	13:00:01	9.55425	12.435	33.617	23.5504	46.7646	4	0
4/21/2015	14:00:00	11.1906	16.4212	49.8445	54.591	46.152	4	0
4/21/2015	15:00:00	13.3149	20.9676	61.2009	43.6046	46.7646	4	0
4/21/2015	16:00:01	13.7519	22.4993	21.4898	22.6318	46.152	4	0
4/21/2015	17:00:01	14.778	24.8565	32.9287	31.3551	46.5604	4	0
4/21/2015	18:00:00	15.1476	25.9014	18.9569	13.2952	46.3562	4	0
4/21/2015	19:00:01	15.2017	26.0051	11.0703	6.95453	46.7646	4	0
4/21/2015	20:00:01	15.1379	25.4209	5.22364	1.30432	47.3773	4	0
4/21/2015	21:00:00	15.1614	24.8885	5.47301	5.22432	46.9689	4	0
4/21/2015	22:00:00	15.2157	24.1872	6.90646	7.16926	47.7857	4	0
4/21/2015	23:00:01	15.2824	23.1227	4.95754	1.93039	47.3773	4	0
4/22/2015	0:00:00	15.3281	20.9509	5.69419	7.66367	46.7646	4	0
4/22/2015	1:00:00	15.3585	18.6024	5.37843	4.27958	47.1731	4	0
4/22/2015	2:00:00	15.4285	14.9805	4.93508	4.66437	47.5815	4	0
4/22/2015	3:00:00	15.376	10.4691	5.23179	5.99145	47.3773	4	0
4/22/2015	4:00:00	15.5271	9.33411	7.33941	4.9469	47.3773	4	0
4/22/2015	5:00:01	15.6934	7.31209	7.52691	8.71609	47.7857	4	0
4/22/2015	6:00:00	15.7141	6.2521	5.57059	6.68858	47.3773	4	0
4/22/2015	7:00:00	15.7138	5.81655	5.47763	14.3267	47.7857	4	0
4/22/2015	8:00:01	15.6266	6.11331	8.80989	7.31702	47.9899	4	0
4/22/2015	9:00:01	15.4506	6.16398	6.09266	6.39901	47.7857	4	0
4/22/2015	10:00:00	15.2517	6.1724	6.70156	9.9368	47.3773	4	0
4/22/2015	11:00:01	15.0464	6.85722	13.0988	9.99807	47.1731	4	0
4/22/2015	12:00:01	14.3086	7.49266	13.1996	14.422	47.1731	4	0
4/22/2015	13:00:01	13.5645	8.26458	14.5489	20.736	47.3773	4	0
4/22/2015	14:00:00	12.3531	9.50644	19.9329	27.8271	46.9689	4	0
4/22/2015	15:00:01	10.6011	10.5711	18.0056	21.7689	47.7857	4	0
4/22/2015	16:00:01	10.3943	11.277	15.5825	11.9517	47.1731	4	0
4/22/2015	17:00:00	9.68751	11.9481	15.7462	12.588	47.1731	4	0
4/22/2015	18:00:00	9.1919	12.063	7.24702	6.61144	47.5815	4	0

4/22/2015	19:00:01	8.98819	12.1369	7.14321	0.97055	47.7857	4	0
4/22/2015	20:00:00	8.98819	12.1369	7.14321	12.034	48.1941	4	0
4/22/2015	21:00:00	9.27011	12.4011	10.0204	13.5904	47.9899	4	0
4/22/2015	22:00:01	9.22046	12.3058	4.97151	6.08292	47.7857	4	0
4/22/2015	23:00:01	9.29526	11.7942	7.00008	7.77779	47.5815	4	0
4/23/2015	0:00:00	9.41551	11.4367	9.01034	8.9918	47.7857	4	0
4/23/2015	1:00:00	9.48788	10.8546	7.5546	7.08844	47.3773	4	0
4/23/2015	2:00:01	9.62576	9.94049	8.81497	6.88131	47.9899	4	0
4/23/2015	3:00:00	9.70556	9.07855	7.26237	-0.528713	48.1941	4	0
4/23/2015	4:00:00	9.72275	8.483	8.16819	6.3265	48.1941	4	0
4/23/2015	5:00:01	9.86804	8.15535	11.5305	11.3699	48.3983	4	0
4/23/2015	6:00:01	10.1519	8.57682	12.0308	13.1314	48.3983	4	0
4/23/2015	7:00:00	10.6449	9.31602	15.0798	19.0875	47.9899	4	0
4/23/2015	8:00:01	11.1279	10.0786	18.3473	20.935	47.9899	4	0
4/23/2015	9:00:01	11.6307	10.703	17.201	17.9321	48.3983	4	0
4/23/2015	10:00:00	11.8678	11.2855	11.6586	11.4912	47.9899	4	0
4/23/2015	11:00:00	11.7988	11.6288	10.9521	15.4022	47.9899	4	0
4/23/2015	12:00:01	11.8855	12.1159	14.7166	9.50805	47.7857	4	0
4/23/2015	13:00:01	11.8689	12.6157	13.1701	16.0469	47.1731	4	0
4/23/2015	14:00:00	11.5285	12.8354	11.4104	22.5156	47.5815	4	0
4/23/2015	15:00:01	11.4764	13.6024	16.2825	16.179	47.1731	4	0
4/23/2015	16:00:01	11.4564	14.1616	14.9888	15.5365	47.1731	4	0
4/23/2015	17:00:00	11.3103	14.2061	12.8125	9.00741	46.7646	4	0
4/23/2015	18:00:00	11.6367	14.4401	15.5471	13.8458	47.7857	4	0
4/23/2015	19:00:01	11.9834	14.531	18.2253	33.3676	47.9899	4	0
4/23/2015	20:00:00	12.04	14.0338	13.9842	12.8514	48.3983	4	0
4/23/2015	21:00:00	12.0752	13.5649	12.1172	15.2024	47.9899	4	0
4/23/2015	22:00:01	12.462	13.8216	14.9743	38.8036	47.9899	4	0
4/23/2015	23:00:01	12.899	14.4246	18.6285	16.2356	48.3983	4	0
4/24/2015	0:00:00	13.1146	14.4447	15.0984	11.6454	49.011	4	0
4/24/2015	1:00:00	13.5956	14.9903	19.5762	25.6351	49.011	4	0
4/24/2015	2:00:01	13.9399	15.5305	18.0811	14.0361	49.011	4	0
4/24/2015	3:00:00	14.1794	15.3123	12.9678	12.7875	49.2152	4	0
4/24/2015	4:00:00	14.5922	15.6181	17.9937	22.1326	49.011	4	0
4/24/2015	5:00:01	14.8502	16.0875	18.2224	16.8035	50.032	4	0
4/24/2015	6:00:01	15.0512	16.1779	15.1074	13.0347	48.6026	4	0

4/24/2015	7:00:00	15.1957	16.0544	13.9749	20.315	48.3983	4	0
4/24/2015	8:00:01	15.8828	17.5579	28.9628	39.5656	48.1941	4	0
4/24/2015	9:00:01	17.0041	20.1069	41.2499	16.193	47.3773	4	0
4/24/2015	10:00:01	17.8286	21.3614	28.8691	31.9198	47.3773	4	0
4/24/2015	11:00:01	18.9771	22.8778	36.0855	38.2177	46.3562	4	0
4/24/2015	12:00:01	19.8941	24.5968	35.6619	50.1292	46.3562	4	0
4/24/2015	13:00:00	20.6987	25.5839	32.2907	25.1821	46.5604	4	0
4/24/2015	14:00:01	21.6457	26.8249	33.7114	39.403	46.3562	4	0
4/24/2015	15:00:01	22.5611	28.9057	39.0043	43.9433	47.3773	4	0
4/24/2015	16:00:00	23.3586	30.1855	34.6847	28.1548	47.1731	4	0
4/24/2015	17:00:00	24.2288	31.4239	34.852	32.8803	46.9689	4	0
4/24/2015	18:00:01	24.7031	32.438	29.8679	23.6851	47.7857	4	0
4/24/2015	19:00:00	24.8627	33.1851	25.4399	28.1785	48.3983	4	0
4/24/2015	20:00:00	24.84	32.2205	25.4041	6.22751	49.2152	4	0
4/24/2015	21:00:01	24.7361	29.7441	12.6656	10.069	49.011	4	0
4/24/2015	22:00:01	24.5689	28.237	8.47659	16.0387	48.6025	4	0
4/24/2015	23:00:00	24.1808	26.1491	10.3045	11.0025	48.1941	4	0
4/25/2015	0:00:00	23.948	24.0727	9.25818	7.3149	48.3983	4	0
4/25/2015	1:00:01	23.4982	22.2518	9.44312	11.7086	48.6026	4	0
4/25/2015	2:00:00	23.4982	22.2518	9.44312	9.93984	48.1941	4	0
4/25/2015	3:00:00	23.0673	18.0586	10.68	9.43702	48.1941	4	0
4/25/2015	4:00:01	22.7366	16.1172	10.2836	13.3128	48.6026	4	0
4/25/2015	5:00:01	22.4797	14.3931	13.4687	13.7152	48.8068	4	0
4/25/2015	6:00:00	22.2561	12.7971	10.0167	8.35702	49.011	4	0
4/25/2015	7:00:01	21.9555	11.2394	6.15811	4.42478	48.6025	4	0
4/25/2015	8:00:01	21.1236	9.84222	8.72228	7.93906	48.1941	4	0
4/25/2015	9:00:00	19.8231	9.54905	9.18015	8.91532	48.6025	4	0
4/25/2015	10:00:00	19.0932	9.71832	10.4671	12.0899	48.6025	4	0
4/25/2015	11:00:01	18.0418	9.72019	10.4877	5.28453	49.011	4	0
4/25/2015	12:00:01	16.8436	9.40673	5.41852	5.89193	48.1941	4	0
4/25/2015	13:00:00	15.8829	9.17879	6.27316	10.5007	47.9899	4	0
4/25/2015	14:00:01	15.0807	9.57725	12.8671	15.1532	48.6025	4	0
4/25/2015	15:00:01	13.8242	9.45697	9.79173	9.31681	49.2152	4	0
4/25/2015	16:00:00	12.7288	9.27053	8.29473	10.715	49.2152	4	0
4/25/2015	17:00:00	11.6849	8.92687	9.58892	10.3876	49.4194	4	0
4/25/2015	18:00:01	10.7659	8.69088	7.18821	6.43356	49.011	4	0

4/25/2015	19:00:00	10.1585	9.06385	10.7101	12.1554	49.2152	4	0
4/25/2015	20:00:00	9.52011	9.21825	10.852	6.98414	49.6236	4	0
4/25/2015	21:00:00	9.25853	8.99381	6.44974	2.31954	48.6026	4	0
4/25/2015	22:00:01	9.11979	8.58848	5.88379	7.75787	49.4194	4	0
4/25/2015	23:00:00	8.95283	8.26332	6.68323	7.34835	49.4194	4	0
4/26/2015	0:00:00	8.73921	8.19731	4.98309	4.43793	49.6236	4	0
4/26/2015	1:00:01	8.49251	7.97546	3.57625	4.97254	49.6236	4	0
4/26/2015	2:00:01	8.35464	7.3435	5.06235	4.97515	49.6236	4	0
4/26/2015	3:00:00	8.14742	7.02741	5.97136	4.57187	49.6236	4	0
4/26/2015	4:00:01	7.93199	6.75747	4.88901	4.84469	49.2152	4	0
4/26/2015	5:00:01	7.60479	6.44492	5.83293	5.73508	50.032	4	0
4/26/2015	6:00:00	7.48828	6.41008	6.42805	9.219	49.6236	4	0
4/26/2015	7:00:01	7.67597	6.36152	9.66905	7.97965	49.6236	4	0
4/26/2015	8:00:01	7.85874	6.47917	11.8283	16.0084	49.4194	4	0
4/26/2015	9:00:01	7.82459	6.63396	8.29804	1.93175	50.4405	4	0
4/26/2015	10:00:00	7.71081	6.74409	6.93214	12.9486	49.2152	4	0
4/26/2015	11:00:01	7.46982	6.57484	4.69911	1.85432	49.011	4	0
4/26/2015	12:00:01	7.5174	6.67969	6.11255	5.78225	48.8068	4	0
4/26/2015	13:00:00	7.62692	7.11376	8.72651	10.2362	48.6026	4	0
4/26/2015	14:00:00	7.51759	7.53366	10.0984	15.6849	48.8068	4	0
4/26/2015	15:00:01	7.4289	7.64226	7.05257	10.3581	48.3983	4	0
4/26/2015	16:00:00	7.29646	7.67005	5.41659	8.34068	48.6026	4	0
4/26/2015	17:00:00	7.18852	7.76783	7.16282	8.60564	48.8068	4	0
4/26/2015	18:00:01	7.22323	7.92019	8.77454	12.6145	49.2152	4	0
4/26/2015	19:00:00	7.14507	7.88744	10.0881	1.32784	50.2363	4	0
4/26/2015	20:00:00	6.91366	7.35939	5.70038	7.53228	49.8278	4	0
4/26/2015	21:00:01	6.98952	7.39619	9.20726	14.2818	50.2363	4	0
4/26/2015	22:00:01	7.23805	7.83392	12.4007	13.8857	50.8489	4	0
4/26/2015	23:00:00	7.35189	8.24305	9.80354	7.96693	50.8489	4	0
4/27/2015	0:00:00	7.42433	8.31067	6.95709	6.01584	50.8489	4	0
4/27/2015	1:00:01	7.56136	8.18533	7.15486	8.06126	50.4405	4	0
4/27/2015	2:00:01	7.5593	7.77306	4.66853	3.47625	50.4405	4	0
4/27/2015	3:00:00	7.50388	7.56958	4.20122	5.89112	50.2363	4	0
4/27/2015	4:00:01	7.44293	7.41842	3.574	8.23626	50.6447	4	0
4/27/2015	5:00:01	7.43106	7.30612	5.70854	4.17581	50.2362	4	0
4/27/2015	6:00:00	7.50497	7.26907	8.05326	16.6832	50.2362	4	0

4/27/2015	7:00:00	7.7826	7.72854	14.7938	15.6251	49.6236	4	0
4/27/2015	8:00:01	7.72565	8.1013	9.92664	12.3934	50.6447	4	0
4/27/2015	9:00:01	7.72091	7.95415	6.81118	9.80756	49.4194	4	0
4/27/2015	10:00:00	7.71726	7.46697	6.78241	3.71982	49.2152	4	0
4/27/2015	11:00:01	7.81166	7.17894	6.27999	7.6371	48.6025	4	0
4/27/2015	12:00:01	7.83707	7.14746	6.75261	4.65136	49.2152	4	0
4/27/2015	13:00:00	7.82818	7.22396	8.07718	5.92105	48.6025	4	0
4/27/2015	14:00:00	7.76387	7.50819	7.81855	11.1388	48.6025	4	0
4/27/2015	15:00:01	7.82234	7.85669	8.42055	4.90837	48.1941	4	0
4/27/2015	16:00:00	7.93637	8.22451	7.86454	9.46459	48.3983	4	0
4/27/2015	17:00:00	8.01135	8.4857	8.98495	11.6279	48.6025	4	0
4/27/2015	18:00:01	8.08778	8.75321	12.4686	7.53959	49.8278	4	0
4/27/2015	19:00:01	8.05947	8.34306	10.7508	8.37431	50.2362	4	0
4/27/2015	20:00:00	8.16625	8.23759	9.09814	9.02668	50.4405	4	0
4/27/2015	21:00:00	8.12906	8.39722	8.99489	9.05902	50.4405	4	0
4/27/2015	22:00:01	7.95338	8.54664	8.78643	6.32626	50.4405	4	0
4/27/2015	23:00:00	7.82937	8.6237	7.40532	8.51386	51.2573	4	0
4/28/2015	0:00:00	7.82388	8.65439	7.18814	6.93525	51.2573	4	0
4/28/2015	1:00:01	7.73927	8.43792	5.43756	6.49272	50.6447	4	0
4/28/2015	2:00:01	7.75643	8.23474	5.21205	5.75793	51.0531	4	0
4/28/2015	3:00:00	7.81934	8.04588	6.05473	6.35167	51.4615	4	0
4/28/2015	4:00:01	7.9686	8.01812	7.35289	7.22834	51.2573	4	0
4/28/2015	5:00:01	8.26243	8.35403	12.6013	11.3347	51.6657	4	0
4/28/2015	6:00:00	8.45047	8.34871	11.5659	12.9957	50.032	4	0
4/28/2015	7:00:00	8.67616	9.07442	18.5764	15.2698	51.0531	4	0
4/28/2015	8:00:01	8.74259	9.21254	9.91911	7.63176	50.6447	4	0
4/28/2015	9:00:01	8.70558	8.91681	5.12454	4.87141	49.8278	4	0
4/28/2015	10:00:00	8.81416	8.91652	8.46798	11.1152	48.6026	4	0
4/28/2015	11:00:01	8.8728	8.89651	6.96915	6.25522	49.4194	4	0
4/28/2015	12:00:01	9.1317	9.34706	12.5817	5.60808	48.6025	4	0
4/28/2015	13:00:00	9.09543	9.46001	6.57719	4.14346	48.1941	4	0
4/28/2015	14:00:00	9.15368	9.74415	8.20015	17.3625	48.1941	4	0
4/28/2015	15:00:01	9.10821	9.82286	6.99371	6.51959	48.1941	4	0
4/28/2015	16:00:00	9.13272	9.88443	8.28871	12.5865	48.1941	4	0
4/28/2015	17:00:00	9.21281	9.68066	10.7057	11.8458	48.3983	4	0
4/28/2015	18:00:01	9.14148	9.64455	12.3823	14.892	48.8068	4	0

4/28/2015	19:00:01	9.4107	9.60094	19.7543	12.3812	50.4405	4	0
4/28/2015	20:00:00	9.57235	9.90475	14.1787	16.1615	50.4405	4	0
4/28/2015	21:00:00	9.65971	10.4287	11.6568	10.9776	50.2362	4	0
4/28/2015	22:00:01	9.79578	10.774	13.0182	10.6777	50.6447	4	0
4/28/2015	23:00:00	9.96771	11.2024	12.561	13.8892	50.8489	4	0
4/29/2015	0:00:00	10.0561	10.9889	10.1589	8.6605	50.8489	4	0
4/29/2015	1:00:01	10.2662	11.3347	10.6788	12.1072	51.2573	4	0
4/29/2015	2:00:01	10.5119	11.6148	11.5318	12.8869	51.4615	4	0
4/29/2015	3:00:00	10.6728	11.8911	10.2868	12.4765	51.0531	4	0
4/29/2015	4:00:01	10.7568	12.0143	9.53741	10.3536	51.0531	4	0
4/29/2015	5:00:01	10.7174	12.1452	11.9253	14.9684	51.4615	4	0
4/29/2015	6:00:00	11.1651	12.9593	20.839	36.0264	50.8489	4	0
4/29/2015	7:00:00	11.1744	12.8005	15.6341	18.7093	51.0531	4	0
4/29/2015	8:00:01	11.3802	12.7948	13.1004	10.1376	50.4405	4	0
4/29/2015	9:00:01	11.6315	12.6899	9.69051	17.3695	49.8278	4	0
4/29/2015	10:00:00	11.8622	12.6708	11.9253	13.8929	49.2152	4	0
4/29/2015	11:00:01	12.2128	12.8137	13.8949	15.4799	48.8068	4	0
4/29/2015	13:00:00	0	0	0	0	47.9899	3	0
4/29/2015	14:00:00	0	0	0	14.8257	49.4194	4	0
4/29/2015	15:00:00	0	0	0	12.7138	49.2152	4	0
4/29/2015	16:00:01	0	0	14.2874	17.6878	49.6236	4	0
4/29/2015	17:00:01	0	0	20.6839	30.7165	50.0321	4	0
4/29/2015	18:00:00	0	0	15.0173	3.65893	50.0321	4	0
4/29/2015	19:00:01	0	0	16.9769	10.9446	50.4405	4	0
4/29/2015	20:00:01	0	0	9.40239	10.651	51.0531	4	0
4/29/2015	21:00:00	0	0	14.6632	14.7432	50.8489	4	0
4/29/2015	22:00:00	0	0	8.75642	8.85407	50.6447	4	0
4/29/2015	23:00:01	0	0	7.70051	9.2819	51.6657	4	0
4/30/2015	0:00:01	0	0	5.67215	7.90105	51.0531	4	0
4/30/2015	1:00:00	0	0	6.76767	5.82346	51.8699	4	0
4/30/2015	2:00:01	0	0	6.46487	7.62965	51.0531	4	0
4/30/2015	3:00:01	0	10.694	4.86082	7.55216	51.4615	4	0
4/30/2015	4:00:00	0	9.86268	3.94297	2.67217	51.8699	4	0
4/30/2015	5:00:00	0	8.62934	5.21261	3.06024	51.2573	4	0
4/30/2015	6:00:01	0	7.88817	5.21189	3.62848	51.4615	4	0
4/30/2015	7:00:00	0	7.26067	8.76172	13.8664	51.8699	4	0

4/30/2015	8:00:00	0	7.28969	9.52352	3.15548	52.2784	4	0
4/30/2015	9:00:01	0	6.79674	8.25365	0.007921	51.2573	4	0
4/30/2015	10:00:01	0	6.91678	9.97344	11.6772	51.0531	4	0
4/30/2015	11:00:00	0	6.7637	5.8079	17.0584	51.0531	4	0
4/30/2015	12:00:00	0	6.94625	7.95825	7.72853	51.2573	4	0
4/30/2015	13:00:01	0	7.24576	10.3359	7.44499	50.8489	4	0
4/30/2015	14:00:00	0	7.26811	6.83096	8.00459	50.8489	4	0
4/30/2015	15:00:00	9.30233	7.68186	9.86499	12.6364	50.6447	4	0
4/30/2015	16:00:01	9.30917	8.54888	14.4603	13.4296	51.0531	4	0
4/30/2015	17:00:01	8.94025	9.08977	11.9609	10.6491	51.4615	4	0
4/30/2015	18:00:00	8.81182	9.64762	12.2268	15.9042	51.2573	4	0
4/30/2015	19:00:01	8.41983	9.57285	8.7353	4.95388	51.8699	4	0
4/30/2015	20:00:01	8.57586	9.89398	13.8667	14.0301	51.8699	4	0
4/30/2015	21:00:02	8.35062	9.98138	9.56516	6.77853	52.2784	4	0
4/30/2015	22:00:00	8.45976	10.136	12.2999	11.4229	52.2784	4	0
4/30/2015	23:00:01	8.5684	10.5199	10.4912	7.55356	52.0742	4	0
5/1/2015	0:00:01	8.66302	10.5402	8.24769	8.4982	51.87	4	0
5/1/2015	1:00:00	8.80991	10.559	10.3081	9.88444	52.4826	4	0
5/1/2015	2:00:01	8.88916	10.7069	8.68902	11.0196	52.2784	4	0
5/1/2015	3:00:01	9.09557	10.7306	9.91226	10.9873	52.4826	4	0
5/1/2015	4:00:00	9.38218	10.482	11.1407	11.7865	52.891	4	0
5/1/2015	5:00:00	9.59016	10.3643	10.1179	13.0228	52.6868	4	0
5/1/2015	6:00:01	10.038	10.6386	14.3388	20.5526	51.6657	4	0
5/1/2015	7:00:00	10.4417	11.336	15.472	15.9977	52.4826	4	0
5/1/2015	8:00:00	10.6334	11.2624	11.8584	5.8844	52.0742	4	0
5/1/2015	9:00:00	10.8391	11.4902	11.6138	19.3299	51.4615	4	0
5/1/2015	10:00:01	10.8911	11.3305	10.2196	9.72486	50.6447	4	0
5/1/2015	11:00:00	11.1844	11.4272	11.161	12.1395	49.4194	4	0
5/1/2015	12:00:00	11.4841	11.9595	14.659	12.4361	49.2152	4	0
5/1/2015	13:00:01	11.4892	11.9495	10.7197	10.3686	49.8278	4	0
5/1/2015	14:00:01	11.8702	12.5071	15.4554	14.2121	49.4194	4	0
5/1/2015	15:00:00	12.1005	12.9419	15.7054	22.2485	49.8278	4	0
5/1/2015	16:00:01	12.4635	13.9003	23.0147	39.096	49.8278	4	0
5/1/2015	17:00:01	12.7142	14.5488	18.7002	12.4382	50.2362	4	0
5/1/2015	18:00:00	12.7142	14.5488	18.7002	58.0078	50.6447	4	0
5/1/2015	19:00:00	14.3543	17.1712	34.3661	33.5399	51.8699	4	0

5/1/2015	20:00:01	14.7311	18.1711	25.1584	34.4248	52.2784	4	0
5/1/2015	21:00:01	15.6556	19.8742	32.1644	27.9322	52.0742	4	0
5/1/2015	22:00:00	16.439	21.6669	32.1358	26.8891	52.6868	4	0
5/1/2015	23:00:01	17.3784	23.5435	33.9692	33.9708	52.4826	4	0
5/2/2015	0:00:01	18.247	24.8098	30.1152	29.1084	52.891	4	0
5/2/2015	1:00:00	18.7583	25.8867	24.8974	29.0673	53.0952	4	0
5/2/2015	2:00:00	19.4349	26.7513	25.995	27.1979	53.2994	4	0
5/2/2015	3:00:01	19.8372	27.1594	20.9285	17.9283	53.7079	4	0
5/2/2015	4:00:00	20.1553	26.914	19.6037	28.2078	53.0952	4	0
5/2/2015	5:00:00	20.6768	27.3725	24.9763	19.6557	53.7079	4	0
5/2/2015	6:00:01	21.4147	27.4858	27.2565	38.4497	52.891	4	0
5/2/2015	7:00:01	22.54	27.9296	33.4627	42.1235	52.2784	4	0
5/2/2015	8:00:00	23.1328	27.8849	22.6182	20.2567	52.0742	4	0
5/2/2015	9:00:00	24.1608	27.9201	28.6445	17.7852	50.8489	4	0
5/2/2015	10:00:01	24.7087	27.0532	21.8027	21.2518	51.4615	4	0
5/2/2015	11:00:00	25.088	25.7835	19.5493	16.4957	50.032	4	0
5/2/2015	12:00:00	25.7884	25.7096	29.3566	35.2062	50.032	4	0
5/2/2015	13:00:01	26.8513	26.4164	33.0381	50.6811	50.032	4	0
5/2/2015	14:00:01	27.3729	26.499	28.6433	29.4314	50.6447	4	0
5/2/2015	15:00:00	27.6001	26.4712	22.0919	22.4924	50.6447	4	0
5/2/2015	16:00:01	27.8819	27.1944	28.7528	24.9687	50.6447	4	0
5/2/2015	17:00:01	27.8424	26.5978	20.6237	15.3708	50.8489	4	0
5/2/2015	18:00:00	27.4831	26.0611	22.1939	28.8769	51.0531	4	0
5/2/2015	19:00:00	26.9332	25.4118	30.3465	50.4349	52.2784	4	0
5/2/2015	20:00:01	27.0792	26.2479	35.9124	31.512	52.891	4	0
5/2/2015	21:00:00	26.4756	25.5868	22.2126	18.5088	53.5036	4	0
5/2/2015	22:00:01	26.2511	26.1179	28.2603	30.1974	53.9121	4	0
5/2/2015	23:00:01	26.1424	27.1074	30.1924	41.7275	53.2994	4	0
5/3/2015	0:00:00	26.8412	28.5343	44.0155	40.3699	53.0952	4	0
5/3/2015	1:00:00	27.8155	29.9621	49.5963	82.037	53.5037	4	0
5/3/2015	2:00:01	28.224	30.7923	39.2528	23.3358	53.7079	4	0
5/3/2015	3:00:00	28.7172	31.7663	32.9404	19.9214	54.3205	4	0
5/3/2015	4:00:00	28.8055	31.3176	22.663	24.4152	54.3205	4	0
5/3/2015	5:00:01	28.8064	31.8676	27.6693	31.2608	54.5247	4	0
5/3/2015	6:00:01	29.654	33.8389	41.5651	62.5963	53.5037	4	0
5/3/2015	7:00:00	30.7376	36.1985	56.5391	55.5063	53.0952	4	0

5/3/2015	8:00:00	31.8013	37.167	47.0151	38.8759	52.6868	4	0
5/3/2015	9:00:01	32.5157	38.9558	41.665	34.1863	53.2994	4	0
5/3/2015	10:00:00	33.1586	39.5246	33.6119	45.2008	52.4826	4	0
5/3/2015	11:00:00	33.7805	39.6621	29.9263	32.135	51.4615	4	0
5/3/2015	12:00:01	34.9292	40.2241	45.3794	49.5141	50.8489	4	0
5/3/2015	13:00:01	35.5907	40.0256	49.3238	55.0619	50.6447	4	0
5/3/2015	14:00:00	36.7402	41.2963	56.0144	72.1049	51.2573	4	0
5/3/2015	15:00:01	37.2791	41.4075	36.3121	36.9066	51.4615	4	0
5/3/2015	16:00:01	37.5116	42.3105	34.3054	37.4743	50.8489	4	0
5/3/2015	17:00:00	37.7625	42.3901	33.6163	45.2746	52.0742	4	0
5/3/2015	18:00:00	37.9252	41.5642	40.4951	62.9396	53.5036	4	0
5/3/2015	19:00:01	37.5589	38.6693	22.9529	25.1662	53.7079	4	0
5/3/2015	20:00:01	36.7659	36.1055	15.7157	21.7718	53.7079	4	0
5/3/2015	21:00:00	38.0612	36.8442	47.9769	67.4981	52.891	4	0
5/3/2015	22:00:01	38.9158	38.3743	54.206	46.327	53.5037	4	0
5/3/2015	23:00:01	39.3031	39.4183	44.1353	36.5665	54.3205	4	0
5/4/2015	0:00:00	39.1438	39.11	40.2171	39.5139	54.3205	4	0
5/4/2015	1:00:00	38.6529	38.1894	35.5993	28.5947	53.5037	4	0
5/4/2015	2:00:01	38.5274	37.032	43.8433	26.1778	54.5247	4	0
5/4/2015	3:00:00	37.7035	35.3593	16.4983	16.7674	54.9331	4	0
5/4/2015	4:00:00	37.8722	34.8219	26.5758	57.7268	54.5247	4	0
5/4/2015	5:00:01	37.9033	34.7227	33.7293	26.0187	54.5247	4	0
5/4/2015	6:00:01	37.7614	34.6244	39.1886	20.7569	54.9331	4	0
5/4/2015	7:00:00	36.3101	34.5284	21.6805	30.5976	54.9331	4	0
5/4/2015	8:00:00	35.9857	36.3898	36.9442	20.7782	54.7289	4	0
5/4/2015	9:00:01	35.0819	33.9632	16.3857	19.0459	54.5247	4	0
5/4/2015	10:00:01	0	0	0	0	23.076	3	0
5/4/2015	11:00:00	0	0	0	11.9841	23.8929	4	0
5/4/2015	12:00:00	0	0	0	12.9778	22.4634	4	0
5/4/2015	13:00:01	0	0	13.9407	12.4624	22.6676	4	0
5/4/2015	14:00:01	0	0	6.15284	4.50452	22.6676	4	0
5/4/2015	15:00:00	0	0	8.88641	8.19685	23.2802	4	0
5/4/2015	16:00:01	0	0	6.84831	5.77894	23.2802	4	0
5/4/2015	17:00:01	0	0	7.4878	5.82653	22.8718	4	0
5/4/2015	18:00:00	0	0	11.4464	20.4137	23.8929	4	0
5/4/2015	19:00:00	0	0	16.0077	14.8325	24.0971	4	0

5/4/2015	20:00:01	0	0	21.4409	17.214	24.0971	4	0
5/4/2015	21:00:01	0	0	17.4288	18.9076	24.9139	4	0
5/4/2015	22:00:00	0	0	16.4469	17.5768	25.1181	4	0
5/4/2015	23:00:01	0	0	9.6922	13.0536	25.7308	4	0
5/5/2015	0:00:01	0	11.85	8.87421	8.41983	25.7308	4	0
5/5/2015	1:00:00	0	11.592	10.0107	10.5223	25.5265	4	0
5/5/2015	2:00:00	0	12.3809	16.635	19.2585	25.5265	4	0
5/5/2015	3:00:01	0	12.7075	12.8019	15.1333	25.935	4	0
5/5/2015	4:00:00	0	13.1727	11.8068	15.2755	25.7308	4	0
5/5/2015	5:00:00	0	13.254	8.3931	7.66091	25.5265	4	0
5/5/2015	6:00:01	0	12.9796	7.50198	14.9294	25.7308	4	0
5/5/2015	7:00:01	0	13.0428	16.4333	19.9836	25.7308	4	0
5/5/2015	8:00:00	0	12.637	15.6944	15.7797	26.1392	4	0
5/5/2015	9:00:00	0	12.733	18.3097	19.9418	25.935	4	0
5/5/2015	10:00:01	0	12.5202	13.071	19.6412	25.3223	4	0
5/5/2015	11:00:00	0	13.1128	16.211	18.2299	25.5265	4	0
5/5/2015	12:00:00	13.0652	14.1423	20.9258	21.6083	25.935	4	0
5/5/2015	13:00:01	13.4427	15.1416	21.2875	18.0655	25.935	4	0
5/5/2015	14:00:01	14.2657	15.8532	25.2692	25.4678	25.7308	4	0
5/5/2015	15:00:00	14.9043	16.7309	23.1279	26.3821	25.5265	4	0
5/5/2015	16:00:01	15.2606	17.0395	16.3903	12.6181	25.935	4	0
5/5/2015	17:00:01	15.5029	17.4745	14.4987	10.5194	26.1392	4	0
5/5/2015	18:00:00	15.6175	18.1172	17.0589	20.2859	26.956	4	0
5/5/2015	19:00:00	15.586	18.0468	16.8579	14.1632	27.7729	4	0
5/5/2015	20:00:01	15.1547	17.6844	12.279	12.9472	27.7729	4	0
5/5/2015	21:00:01	14.8243	16.9694	10.2498	10.3355	27.9771	4	0
5/5/2015	22:00:00	14.5501	16.6662	8.81519	6.62148	27.3645	4	0
5/5/2015	23:00:01	14.5176	16.0926	9.45121	11.0281	28.1813	4	0
5/6/2015	0:00:01	14.6974	15.4729	13.0969	14.8985	28.5897	4	0
5/6/2015	1:00:00	14.9092	14.9754	14.6689	14.0226	28.3855	4	0
5/6/2015	2:00:01	14.9344	14.3946	18.0323	20.6029	28.3855	4	0
5/6/2015	3:00:01	15.1029	13.9168	16.6151	13.1959	28.5897	4	0
5/6/2015	4:00:00	15.191	13.7699	14.4709	15.2804	28.9982	4	0
5/6/2015	5:00:00	15.2877	13.454	10.1934	10.1373	28.7939	4	0
5/6/2015	6:00:01	15.4833	13.0712	12.3085	12.9068	29.2024	4	0
5/6/2015	7:00:01	15.3724	12.7272	11.9231	14.3221	28.7939	4	0

5/6/2015	8:00:00	15.478	13.1738	17.3134	15.4836	29.2024	4	0
5/6/2015	9:00:01	15.4993	13.7829	16.7787	18.8893	28.794	4	0
5/6/2015	10:00:01	16.1813	15.2481	24.2483	24.9763	27.7729	4	0
5/6/2015	11:00:00	16.8888	17.0584	29.6548	34.0236	27.3645	4	0
5/6/2015	12:00:00	17.6657	19.1694	37.7561	31.8029	27.5687	4	0
5/6/2015	13:00:01	18.2908	20.8928	34.9897	35.8018	27.9771	4	0
5/6/2015	14:00:01	18.725	22.362	36.9022	40.1677	28.3855	4	0
5/6/2015	15:00:00	19.9895	25.3355	51.7293	55.0794	28.3855	4	0
5/6/2015	16:00:01	21.3892	28.3217	52.2491	54.344	28.9982	4	0
5/6/2015	17:00:01	22.7384	31.3541	46.4357	53.2961	29.2024	4	0
5/6/2015	18:00:00	24.2332	34.7802	55.0545	78.4661	29.4066	4	0
5/6/2015	19:00:00	25.0458	37.0106	45.4805	35.643	30.4277	4	0
5/6/2015	20:00:01	25.8457	38.3369	39.4868	29.4336	31.2445	4	0
5/6/2015	21:00:01	26.5417	39.2469	29.9865	37.6813	31.6529	4	0
5/6/2015	22:00:00	27.7956	40.5393	40.7988	50.0426	32.4698	4	0
5/6/2015	23:00:01	28.2856	39.9628	23.688	7.60647	32.2656	4	0
5/7/2015	0:00:01	28.7155	38.885	23.2636	24.9554	33.0824	4	0
5/7/2015	1:00:00	28.9689	37.86	22.0441	27.8615	33.2866	4	0
5/7/2015	2:00:00	29.0528	36.5996	20.3225	28.3519	33.695	4	0
5/7/2015	3:00:01	29.1352	34.1222	20.6522	19.3132	33.695	4	0
5/7/2015	4:00:00	29.3318	31.6018	19.908	22.1992	33.4908	4	0
5/7/2015	5:00:00	29.8716	29.8215	22.4668	24.7097	34.1035	4	0
5/7/2015	6:00:01	31.0412	28.4689	33.2548	57.4643	33.8993	4	0
5/7/2015	7:00:01	33.0472	29.1543	47.9949	62.1428	33.4908	4	0
5/7/2015	8:00:00	34.5686	30.2119	51.6032	51.3968	33.4908	4	0
5/7/2015	9:00:00	36.1975	32.1295	51.8038	47.8394	32.8782	4	0
5/7/2015	10:00:01	37.4677	32.9581	49.8436	54.1107	32.674	4	0
5/7/2015	11:00:00	38.4213	35.1527	49.527	62.858	32.4698	4	0
5/7/2015	12:00:00	39.4979	38.3203	60.9261	47.7425	32.2656	4	0
5/7/2015	13:00:01	40.1738	40.7172	52.2126	42.3423	32.2656	4	0
5/7/2015	14:00:01	40.4091	42.4078	40.2527	40.9062	32.674	4	0
5/7/2015	15:00:00	40.4284	44.7863	47.8611	53.412	32.8782	4	0
5/7/2015	16:00:01	40.1803	46.9685	47.6316	57.9217	32.674	4	0
5/7/2015	17:00:01	40.2073	49.0445	50.2863	44.6725	32.8782	4	0
5/7/2015	18:00:00	39.4392	49.9421	59.1103	84.467	34.3077	4	0
5/7/2015	19:00:00	37.7668	46.6335	13.3047	8.74745	34.9203	4	0

5/7/2015	20:00:01	36.8516	43.8431	17.2184	24.7242	34.9203	4	0
5/7/2015	21:00:01	37.4805	43.3426	44.3187	48.1544	34.9203	4	0
5/7/2015	22:00:00	37.4984	42.8134	43.1576	33.8558	34.9203	4	0
5/7/2015	23:00:01	37.7615	41.2535	28.3787	20.262	34.5119	4	0
5/8/2015	0:00:01	37.163	37.1855	11.3694	11.373	34.7161	4	0
5/8/2015	1:00:00	37.2138	34.8039	20.7607	11.2167	34.7161	4	0
5/8/2015	2:00:00	36.7892	32.5921	14.0694	14.4325	35.1245	4	0
5/8/2015	3:00:01	36.6986	30.3088	18.4971	24.9587	34.5119	4	0
5/8/2015	4:00:00	36.8784	28.5178	24.2537	28.0683	34.7161	4	0
5/8/2015	5:00:00	36.5559	25.8831	17.871	15.7366	35.1245	4	0
5/8/2015	6:00:01	36.3107	23.1238	24.3477	23.9915	34.9203	4	0
5/8/2015	7:00:01	35.2047	23.3901	14.5081	10.6232	34.7161	4	0
5/8/2015	8:00:00	33.7864	23.307	15.8738	13.9542	34.3077	4	0
5/8/2015	9:00:00	32.3139	20.8972	15.666	14.3183	33.695	4	0
5/8/2015	10:00:01	30.9439	18.3207	11.4105	11.3895	33.695	4	0
5/8/2015	11:00:00	29.599	17.0989	13.2617	16.8097	33.2866	4	0
5/8/2015	12:00:00	28.0887	18.0836	23.1107	33.2624	33.4908	4	0
5/8/2015	13:00:01	27.0551	18.6124	27.6965	24.0885	33.4908	4	0
5/8/2015	14:00:01	25.9898	18.8393	18.4343	22.9129	34.1035	4	0
5/8/2015	15:00:00	24.6145	18.8449	21.4746	12.9981	34.5119	4	0
5/8/2015	16:00:01	23.1434	17.705	10.5987	10.3919	34.7161	4	0
5/8/2015	17:00:01	21.4152	16.8647	8.26316	8.17668	35.533	4	0
5/8/2015	18:00:02	19.4351	15.7541	10.9975	9.4123	34.9203	4	0
5/8/2015	19:00:00	19.2435	15.3144	9.37769	5.68172	35.3287	4	0
5/8/2015	20:00:01	19.0218	14.9968	11.9212	17.6075	35.533	4	0
5/8/2015	21:00:01	17.5538	14.4857	9.63267	10.3822	34.9203	4	0
5/8/2015	22:00:00	16.0256	14.0679	6.12864	8.87272	34.7161	4	0
5/8/2015	23:00:01	15.1663	13.6051	7.29371	12.1967	35.5329	4	0
5/9/2015	0:00:01	15.0842	12.5642	10.4696	10.0903	35.533	4	0
5/9/2015	1:00:00	14.3946	10.6618	4.14401	5.54171	35.5329	4	0
5/9/2015	2:00:00	13.9061	9.34955	2.33962	-1.08157	35.3287	4	0
5/9/2015	3:00:01	13.3682	8.05067	5.79559	10.935	35.533	4	0
5/9/2015	4:00:00	12.6487	7.75348	6.99537	5.36799	34.9203	4	0
5/9/2015	5:00:00	12.6487	7.75348	6.99537	16.5156	35.3288	4	0
5/9/2015	6:00:00	11.6537	7.69243	7.9089	11.1261	35.7372	4	0
5/9/2015	7:00:01	11.461	7.66154	8.70645	11.1544	35.1245	4	0

5/9/2015	8:00:00	11.1918	7.38343	8.33396	8.4623	34.9203	4	0
5/9/2015	9:00:00	10.9422	7.34976	9.15575	7.69166	34.5119	4	0
5/9/2015	10:00:01	10.934	7.64205	9.12776	11.7814	33.695	4	0
5/9/2015	11:00:00	10.7644	7.72853	8.12363	14.814	33.695	4	0
5/9/2015	12:00:00	10.1995	7.72967	11.1951	13.479	34.7161	4	0
5/9/2015	13:00:01	9.54017	8.31004	10.9681	8.12551	34.7161	4	0
5/9/2015	14:00:01	9.17564	8.91572	9.65092	12.6179	34.9203	4	0
5/9/2015	15:00:00	8.78366	9.43532	11.9839	11.6072	34.7161	4	0
5/9/2015	16:00:01	8.87505	9.92384	13.0375	12.9691	34.9203	4	0
5/9/2015	17:00:01	8.89542	9.80059	9.84839	7.62071	34.9203	4	0
5/9/2015	18:00:01	8.70035	9.71287	7.71105	4.36045	35.7372	4	0
5/9/2015	19:00:00	8.55533	9.49575	6.38504	4.72678	36.3498	4	0
5/9/2015	20:00:01	8.22211	9.14981	4.53769	7.88105	36.3498	4	0
5/9/2015	21:00:01	8.08278	8.92933	6.64474	6.78092	36.554	4	0
5/9/2015	22:00:00	8.02721	8.58096	4.72541	3.5856	35.9414	4	0
5/9/2015	23:00:00	7.88644	8.23643	3.73685	3.22315	36.1456	4	0
5/10/2015	0:00:01	7.58614	7.59475	3.38072	4.06832	37.1667	4	0
5/10/2015	1:00:00	7.59233	7.05483	4.16779	6.02878	36.3498	4	0
5/10/2015	2:00:00	7.69067	6.65522	4.58716	4.88275	36.7582	4	0
5/10/2015	3:00:01	7.6397	6.05529	4.46821	6.05697	36.554	4	0
5/10/2015	4:00:01	7.56645	5.43638	5.33764	5.90804	36.9625	4	0
5/10/2015	5:00:00	7.41004	5.18093	6.57638	9.60858	36.9625	4	0
5/10/2015	6:00:00	7.37421	5.13073	7.0639	6.8027	36.554	4	0
5/10/2015	7:00:01	7.19665	4.9704	4.45483	1.54798	36.554	4	0
5/10/2015	8:00:00	6.99241	4.87511	3.41326	2.49357	36.9625	4	0
5/10/2015	9:00:00	6.87046	4.81826	5.92668	8.06315	36.9625	4	0
5/10/2015	10:00:01	6.80117	5.01477	7.03544	8.3546	36.9625	4	0
5/10/2015	11:00:01	6.82068	5.40726	8.46976	12.3277	36.7582	4	0
5/10/2015	12:00:00	6.76547	5.87461	8.6635	9.12103	36.3498	4	0
5/10/2015	13:00:01	6.90066	6.6639	13.3938	12.8772	36.1456	4	0
5/10/2015	14:00:01	6.95005	7.16769	10.5839	9.84776	35.9414	4	0
5/10/2015	15:00:00	6.95561	7.77928	11.6251	12.7662	35.9414	4	0
5/10/2015	16:00:00	6.8928	8.27963	11.3027	10.4488	36.1456	4	0
5/10/2015	17:00:01	6.92556	8.61706	10.8762	12.9322	35.7372	4	0
5/10/2015	18:00:01	7.08316	8.98913	11.8427	10.0067	35.9414	4	0
5/10/2015	19:00:00	7.26281	9.51842	11.1423	4.6375	36.554	4	0

5/10/2015	20:00:01	7.56815	10.2265	12.0291	-0.312991	36.9625	4	0
5/10/2015	21:00:01	7.67064	10.5016	9.70908	10.6672	36.7582	4	0
5/10/2015	22:00:00	7.86664	10.7065	9.83484	9.53108	36.7582	4	0
5/10/2015	23:00:00	8.03721	10.6516	7.88892	8.67296	37.5751	4	0
5/11/2015	0:00:01	8.21309	10.565	7.57528	8.54795	37.5751	4	0
5/11/2015	1:00:00	8.45965	10.2957	9.91981	12.0633	36.9625	4	0
5/11/2015	2:00:00	8.79338	10.4728	12.6136	13.7757	37.7793	4	0
5/11/2015	3:00:01	10.2263	12.6891	36.9264	41.5258	36.554	4	0
5/11/2015	4:00:00	11.3965	14.5316	33.1853	41.1931	37.3709	4	0
5/11/2015	5:00:00	12.3453	16.0574	28.688	28.9082	36.7582	4	0
5/11/2015	6:00:01	13.2006	17.3861	28.1244	25.4294	36.7582	4	0
5/11/2015	7:00:00	13.4786	17.3809	11.1128	14.8982	36.1456	4	0
5/11/2015	8:00:00	13.8596	17.4058	12.1471	13.2224	36.554	4	0
5/11/2015	9:00:01	13.9374	17.2343	7.56185	7.09741	36.7582	4	0
5/11/2015	10:00:01	14.6757	18.4878	25.3073	25.1036	35.7372	4	0
5/11/2015	11:00:01	14.765	18.6928	9.84871	8.38493	35.533	4	0
5/11/2015	12:00:01	15.1289	19.4729	16.1351	32.1258	34.9203	4	0
5/11/2015	13:00:01	15.4945	20.5499	24.5153	12.2784	36.3498	4	0
5/11/2015	14:00:00	15.3982	20.1128	5.87483	3.41357	34.9203	4	0
5/11/2015	15:00:00	15.4412	18.0261	11.789	10.4763	34.9203	4	0
5/11/2015	16:00:00	15.548	16.4484	15.528	13.6025	35.1245	4	0
5/11/2015	17:00:00	15.6358	15.2157	14.9164	17.6297	34.9203	4	0
5/11/2015	18:00:01	15.752	14.1983	16.8566	27.4294	35.9414	4	0
5/11/2015	19:00:01	15.6142	14.0828	11.0204	8.02963	35.9414	4	0
5/11/2015	20:00:00	15.3211	13.5167	5.37228	6.80941	36.1456	4	0
5/11/2015	21:00:00	15.1796	13.4631	7.21034	7.39994	35.9414	4	0
5/11/2015	22:00:01	15.0317	11.9458	6.79635	4.71984	36.3498	4	0
5/11/2015	23:00:00	14.957	11.6486	6.10845	4.76033	35.7372	4	0
5/12/2015	0:00:00	14.9208	10.8917	6.60272	6.64834	35.7372	4	0
5/12/2015	1:00:01	14.776	9.46059	6.97027	7.79593	36.3498	4	0
5/12/2015	2:00:00	14.5026	9.53642	6.95062	5.10215	36.554	4	0
5/12/2015	3:00:00	13.2367	9.06042	5.71665	5.34812	36.1456	4	0
5/12/2015	4:00:00	12.2145	8.48382	8.27632	8.92675	35.9414	4	0
5/12/2015	5:00:01	11.2875	7.77334	6.1651	8.10757	36.1456	4	0
5/12/2015	6:00:00	10.4943	7.11966	8.76339	13.7097	36.554	4	0
5/12/2015	7:00:00	10.4291	6.99008	9.32871	8.68549	36.1456	4	0

5/12/2015	8:00:01	10.3241	7.31481	9.20375	7.666	35.9414	4	0
5/12/2015	9:00:01	10.6815	8.05411	16.0426	17.0121	37.1667	4	0
5/12/2015	10:00:00	10.1708	8.48855	11.8135	12.1721	36.7582	4	0
5/12/2015	11:00:01	10.4179	9.24822	14.9903	13.3486	36.554	4	0
5/12/2015	12:00:01	10.4579	10.079	16.5143	17.9405	36.9624	4	0
5/12/2015	13:00:00	10.1923	10.9395	17.0701	11.6812	36.554	4	0
5/12/2015	14:00:00	10.7135	11.8718	17.9833	19.9339	36.9624	4	0
5/12/2015	15:00:01	11.0149	12.9412	18.3707	11.7997	36.9624	4	0
5/12/2015	16:00:01	10.9359	13.3225	12.2754	12.1916	35.9414	4	0
5/12/2015	17:00:00	10.7403	13.6419	10.1621	10.7641	36.1456	4	0
5/12/2015	18:00:01	10.4932	13.8156	11.4347	4.28194	36.7582	4	0
5/12/2015	19:00:01	10.5101	14.0155	12.9188	10.3573	37.7793	4	0
5/12/2015	20:00:00	10.5705	13.8463	8.17774	12.5876	37.3709	4	0
5/12/2015	21:00:00	10.6377	13.272	9.77734	9.6718	37.1667	4	0
5/12/2015	22:00:01	10.696	12.9948	8.84803	9.06492	37.5751	4	0
5/12/2015	23:00:00	10.7229	12.3434	7.32481	5.44007	37.5751	4	0
5/13/2015	0:00:00	10.7077	11.5231	6.61418	7.87563	37.5751	4	0
5/13/2015	1:00:01	10.7142	10.7218	7.09501	5.61079	37.3709	4	0
5/13/2015	2:00:01	10.6212	9.66393	4.98727	4.50648	37.9835	4	0
5/13/2015	3:00:00	10.6871	8.76841	7.01893	6.02075	37.5751	4	0
5/13/2015	4:00:00	10.5732	8.2406	5.67277	6.42837	37.5751	4	0
5/13/2015	5:00:01	10.6758	8.13684	8.67596	8.50438	37.1667	4	0
5/13/2015	6:00:00	10.7389	7.96921	8.68065	14.852	36.9624	4	0
5/13/2015	7:00:00	10.7569	7.66362	8.82684	9.60343	37.7793	4	0
5/13/2015	8:00:01	10.6987	7.58124	6.92215	4.70006	37.7793	4	0
5/13/2015	9:00:01	10.38	7.38447	7.09975	8.09295	37.1667	4	0
5/13/2015	10:00:00	10.3912	7.61554	11.5677	18.7964	37.5751	4	0
5/13/2015	11:00:01	10.1456	7.72733	8.62193	7.43533	36.7582	4	0
5/13/2015	12:00:01	9.91575	8.04009	10.1965	13.3191	37.5751	4	0
5/13/2015	13:00:01	9.88803	8.77625	15.8429	19.9455	36.3498	4	0
5/13/2015	14:00:00	9.71071	9.50811	13.8941	7.87787	36.7582	4	0
5/13/2015	15:00:00	9.53251	10.0596	13.4418	18.9218	36.7582	4	0
5/13/2015	16:00:01	9.63338	10.8258	15.3298	14.377	37.5751	4	0
5/13/2015	17:00:01	9.72553	11.1411	13.1292	14.8597	36.554	4	0
5/13/2015	18:00:00	9.91821	11.7507	16.3099	9.91375	37.9835	4	0
5/13/2015	19:00:01	10.0319	12.3565	17.1129	12.3068	37.7793	4	0

5/13/2015	20:00:01	10.6557	13.7342	24.0896	24.6991	38.5961	4	0
5/13/2015	21:00:00	10.997	14.6528	18.3482	19.3342	38.8004	4	0
5/13/2015	22:00:00	11.1122	14.6809	12.1804	10.7661	39.2088	4	0
5/13/2015	23:00:01	11.2728	14.92	11.8374	13.0985	38.8004	4	0
5/14/2015	0:00:00	11.4532	15.013	11.501	10.9299	40.0256	4	0
5/14/2015	1:00:00	11.3965	14.2094	5.8495	7.3675	39.2088	4	0
5/14/2015	2:00:01	11.4465	13.5931	6.0588	5.58043	38.3919	4	0
5/14/2015	3:00:01	11.4798	13.151	7.65045	9.64302	38.1877	4	0
5/14/2015	4:00:00	11.7765	12.9722	12.7801	16.1195	37.9835	4	0
5/14/2015	5:00:00	12.0712	13.2178	15.8414	15.1404	38.5961	4	0
5/14/2015	6:00:01	12.5282	13.4587	18.0476	14.3344	37.9835	4	0
5/14/2015	7:00:00	13.0454	13.7203	19.021	15.1403	38.3919	4	0
5/14/2015	8:00:00	13.6458	13.3982	19.5644	27.8427	38.8004	4	0
5/14/2015	9:00:01	14.5299	14.1487	27.0507	45.6845	39.0046	4	0
5/14/2015	10:00:01	16.121	17.2444	49.324	30.8419	37.7793	4	0
5/14/2015	11:00:00	16.121	17.2444	49.324	30.8415	38.5961	4	0
5/14/2015	12:00:01	18.4437	21.2694	40.2	64.7869	37.3709	4	0
5/14/2015	13:00:01	19.5268	24.236	40.9101	47.4031	37.1667	4	0
5/14/2015	14:00:01	20.6534	27.1263	40.4494	46.4225	37.3709	4	0
5/14/2015	15:00:00	21.3169	28.9327	29.6619	24.1864	37.1667	4	0
5/14/2015	16:00:01	21.6088	29.7683	25.1056	26.0548	38.5961	4	0
5/14/2015	17:00:01	23.1104	32.6062	53.2454	41.3056	38.5961	4	0
5/14/2015	18:00:00	23.1313	32.5185	18.72	13.5564	38.8004	4	0
5/14/2015	19:00:00	22.9325	31.9381	11.6197	13.5962	39.2088	4	0
5/14/2015	20:00:01	22.392	31.2602	11.4717	11.6788	39.2088	4	0
5/14/2015	21:00:00	22.3167	30.409	17.0351	13.2209	39.6172	4	0
5/14/2015	22:00:00	23.1132	28.8622	29.9992	42.2407	39.413	4	0
5/14/2015	23:00:01	24.3468	29.8852	41.197	53.0556	39.8214	4	0
5/15/2015	0:00:01	25.8446	30.4979	46.635	44.4964	38.8004	4	0
5/15/2015	1:00:00	27.9274	31.696	53.8928	68.0358	38.3919	4	0
5/15/2015	2:00:00	29.8125	32.6473	51.885	44.6836	38.3919	4	0
5/15/2015	3:00:01	31.0208	33.3371	38.7503	66.2443	38.8004	4	0
5/15/2015	4:00:00	31.0208	33.3371	38.7503	18.0581	39.0046	4	0
5/15/2015	5:00:00	33.4925	34.1272	45.3775	54.7506	38.8004	4	0
5/15/2015	6:00:01	35.1272	37.3213	56.6057	30.5554	38.8004	4	0
5/15/2015	7:00:01	35.7332	39.1555	33.3478	39.629	38.1877	4	0

5/15/2015	8:00:00	36.233	40.701	27.8374	25.8456	38.3919	4	0
5/15/2015	9:00:01	36.2722	41.4609	23.5478	22.0635	38.5961	4	0
5/15/2015	10:00:01	35.1185	40.8116	22.4595	24.4525	38.3919	4	0
5/15/2015	11:00:00	34.8214	39.2834	24.8032	27.8965	37.9835	4	0
5/15/2015	12:00:00	34.102	37.2151	21.4747	18.5377	38.1877	4	0
5/15/2015	13:00:01	33.1236	34.0664	15.796	13.6004	37.7793	4	0
5/15/2015	14:00:01	32.3135	31.2094	15.8131	27.3325	37.7793	4	0
5/15/2015	15:00:00	31.797	29.3159	16.4746	14.4717	37.7793	4	0
5/15/2015	16:00:01	31.2851	26.8409	13.3296	21.0245	37.7793	4	0
5/15/2015	17:00:01	29.4174	23.9328	12.5751	8.91698	37.5751	4	0
5/15/2015	18:00:00	29.3076	20.6624	19.4933	37.1469	37.9835	4	0
5/15/2015	19:00:00	29.4174	19.3244	19.1754	15.1574	38.1877	4	0
5/15/2015	20:00:01	29.6074	18.5346	19.314	20.2658	38.8004	4	0
5/15/2015	21:00:00	29.9584	18.7767	26.5283	26.0461	38.5961	4	0
5/15/2015	22:00:00	29.6523	18.9054	24.1446	28.0716	39.0046	4	0
5/15/2015	23:00:01	28.9488	18.9441	25.2543	26.659	39.0046	4	0
5/16/2015	0:00:01	29.4986	22.1245	59.1397	66.2151	39.0046	4	0
5/16/2015	1:00:00	29.2842	24.9665	50.2032	36.1539	39.0046	4	0
5/16/2015	2:00:00	27.7117	24.8881	14.8168	15.3736	38.8004	4	0
5/16/2015	3:00:01	26.8638	25.0721	18.154	20.0264	39.0046	4	0
5/16/2015	4:00:00	25.76	25.225	14.2871	14.9532	39.2088	4	0
5/16/2015	5:00:00	24.374	25.2679	13.5073	19.8297	39.0046	4	0
5/16/2015	6:00:01	22.609	24.8356	13.694	13.9366	38.5961	4	0
5/16/2015	7:00:01	21.9449	24.6564	16.1789	18.0885	39.0046	4	0
5/16/2015	8:00:00	22.0683	25.5465	28.9587	57.4688	38.5961	4	0
5/16/2015	9:00:01	22.4039	25.9455	31.3024	28.782	38.8004	4	0
5/16/2015	10:00:01	22.4927	26.0234	26.1812	22.4394	39.0046	4	0
5/16/2015	11:00:00	22.489	25.9155	23.3275	34.348	38.8004	4	0
5/16/2015	12:00:00	23.4874	24.3641	36.5754	50.3873	37.5751	4	0
5/16/2015	13:00:01	24.4659	23.4258	40.871	44.588	38.1877	4	0
5/16/2015	14:00:01	25.3919	25.1986	34.959	33.7575	37.5751	4	0
5/16/2015	15:00:00	25.6041	25.4447	21.5235	20.2799	37.7793	4	0
5/16/2015	16:00:01	26.0764	26.2001	22.6983	26.1531	37.3709	4	0
5/16/2015	17:00:01	26.7795	27.6018	31.7862	31.3844	37.7793	4	0
5/16/2015	18:00:00	27.3347	29.5625	42.2807	29.6287	38.1877	4	0
5/16/2015	19:00:00	27.8237	30.7879	31.0527	60.1685	38.5961	4	0

5/16/2015	20:00:01	29.2699	32.9593	56.2585	69.2487	38.8004	4	0
5/16/2015	21:00:00	29.323	32.7203	29.0745	14.4117	38.8004	4	0
5/16/2015	22:00:00	28.8526	31.6352	13.508	12.037	39.2088	4	0
5/16/2015	23:00:00	28.6026	31.2542	17.9611	32.1664	39.0046	4	0
5/17/2015	0:00:01	27.2526	30.5288	27.4323	35.4003	39.0046	4	0
5/17/2015	1:00:00	25.8851	28.6606	17.9592	14.1283	39.0046	4	0
5/17/2015	2:00:00	25.7471	26.8907	14.5351	12.797	39.2088	4	0
5/17/2015	3:00:01	25.6836	26.4226	14.0977	16.8137	39.0046	4	0
5/17/2015	4:00:00	26.1984	26.7576	25.7202	29.6764	39.2088	4	0
5/17/2015	5:00:00	26.1984	26.7576	25.7202	15.0121	38.8004	4	0
5/17/2015	6:00:01	26.9532	24.3779	21.334	38.2684	38.8004	4	0
5/17/2015	7:00:01	27.4468	24.1116	27.6145	25.8579	39.2088	4	0
5/17/2015	8:00:00	27.4546	21.8343	29.0227	37.4912	39.2088	4	0
5/17/2015	9:00:00	27.482	21.6438	24.0636	24.3315	38.3919	4	0
5/17/2015	10:00:01	27.8212	23.3275	33.3732	42.3139	37.9835	4	0
5/17/2015	11:00:01	28.6496	25.354	41.8874	44.5208	37.7793	4	0
5/17/2015	12:00:00	28.9892	26.7277	44.2301	41.2796	37.7793	4	0
5/17/2015	13:00:00	29.2262	28.9374	43.0904	50.5054	37.3709	4	0
5/17/2015	14:00:01	29.3228	30.9098	39.6814	29.6942	37.7793	4	0
5/17/2015	15:00:01	29.9751	32.7131	34.6841	41.7788	37.5751	4	0
5/17/2015	16:00:00	30.556	33.6328	38.3066	22.3423	37.5751	4	0
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5/17/2015	18:00:01	29.6591	34.4085	30.9899	32.9968	37.9835	4	0
5/17/2015	19:00:00	29.1522	33.8655	24.5859	21.4652	38.8004	4	0
5/17/2015	20:00:00	27.7202	33.4174	25.7394	27.1102	38.5961	4	0
5/17/2015	21:00:01	27.5925	33.6746	28.0473	31.428	39.2088	4	0
5/17/2015	22:00:01	28.2013	33.377	31.2435	26.2982	39.0046	4	0
5/17/2015	23:00:00	28.4507	31.9597	24.3616	26.8972	39.2088	4	0
5/18/2015	0:00:00	28.1995	30.195	23.0072	34.464	39.413	4	0
5/18/2015	1:00:01	28.2169	28.2795	19.462	18.2313	39.6172	4	0
5/18/2015	2:00:00	28.5118	26.8932	22.3559	16.005	40.0256	4	0
5/18/2015	3:00:00	29.0807	26.4732	29.2662	35.2648	39.413	4	0
5/18/2015	4:00:01	28.7417	24.9138	19.1086	26.0403	39.413	4	0
5/18/2015	5:00:01	29.4346	26.1933	39.2867	80.8476	39.2088	4	0
5/18/2015	6:00:00	30.1907	26.9161	38.3915	53.1723	40.0256	4	0
5/18/2015	7:00:01	30.2646	27.2152	26.5856	17.4542	39.8214	4	0

5/18/2015	8:00:01	29.7981	26.4774	15.7316	17.7583	39.2088	4	0
5/18/2015	9:00:00	29.3462	25.2573	13.4492	17.5232	39.413	4	0
5/18/2015	10:00:00	28.4387	23.5518	10.4657	7.82444	39.0046	4	0
5/18/2015	11:00:01	27.4154	22.8642	15.7722	21.6655	39.413	4	0
5/18/2015	12:00:01	26.1419	22.0866	14.3084	21.7524	39.2088	4	0
5/18/2015	13:00:00	25.4043	22.4897	24.3858	27.6209	39.413	4	0
5/18/2015	14:00:01	24.7057	22.4644	22.1921	29.4054	39.2088	4	0
5/18/2015	15:00:01	24.0153	21.4885	18.0542	19.9109	39.2088	4	0
5/18/2015	16:00:00	23.2737	21.6097	21.5707	16.4038	39.8214	4	0
5/18/2015	17:00:00	23.1365	20.1682	22.892	23.1734	40.2298	4	0
5/18/2015	18:00:01	22.687	18.8012	23.3432	27.5021	40.8425	4	0
5/18/2015	19:00:00	22.3455	18.1145	19.252	14.491	41.2509	4	0
5/18/2015	20:00:00	21.8483	18.0942	16.4676	18.333	41.4551	4	0
5/18/2015	21:00:01	21.0946	17.8997	11.9822	10.9915	41.4551	4	0
5/18/2015	22:00:01	20.0774	17.6048	7.37142	10.6961	41.4551	4	0
5/18/2015	23:00:00	19.393	16.8896	6.31787	6.24104	41.2509	4	0
5/19/2015	0:00:00	18.6567	16.1337	4.93102	5.78655	41.2509	4	0
5/19/2015	1:00:01	18.0153	14.4622	3.31877	0.986165	41.2509	4	0
5/19/2015	2:00:00	17.2207	12.9756	4.00695	5.98079	40.8425	4	0
5/19/2015	3:00:00	16.25	11.9213	4.61353	4.0488	40.8425	4	0
5/19/2015	4:00:01	15.7043	10.6609	5.73972	3.92087	41.8635	4	0
5/19/2015	5:00:01	14.3685	9.30445	5.85811	2.95525	41.4551	4	0
5/19/2015	6:00:00	13.2376	8.21471	9.57855	15.0207	41.8635	4	0
5/19/2015	7:00:01	12.7011	7.66932	12.225	11.9523	41.4551	4	0
5/19/2015	8:00:01	12.8526	7.87213	18.6644	10.8984	41.4551	4	0
5/19/2015	9:00:00	12.723	7.65405	9.13234	3.33051	41.8635	4	0
5/19/2015	10:00:00	12.8	8.00681	11.4932	15.8593	41.6593	4	0
5/19/2015	11:00:00	0	0	0	0	41.8635	3	0
5/19/2015	12:00:00	0	0	0	20.0667	41.8635	4	0
5/19/2015	13:00:00	0	0	0	12.3651	42.0678	4	0
5/19/2015	14:00:01	0	0	7.70725	16.8105	42.0678	4	0
5/19/2015	15:00:01	0	0	5.96965	7.1271	41.0467	4	0
5/19/2015	16:00:00	0	0	7.02759	6.30678	40.8425	4	0
5/19/2015	17:00:01	0	0	9.45224	8.2167	40.4341	4	0
5/19/2015	18:00:01	0	0	10.2135	12.0968	41.0467	4	0
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5/19/2015	20:00:00	0	0	5.12774	11.2004	41.8635	4	0
5/19/2015	21:00:01	0	0	20.5636	15.0328	42.0678	4	0
5/19/2015	22:00:01	0	0	9.03053	10.7988	42.272	4	0
5/19/2015	23:00:00	0	0	11.7167	8.4663	42.6804	4	0
5/20/2015	0:00:01	0	0	10.7939	8.97204	41.8635	4	0
5/20/2015	1:00:01	0	9.9775	9.18203	8.71922	41.8635	4	0
5/20/2015	2:00:00	0	10.0432	8.41545	8.14774	41.8635	4	0
5/20/2015	3:00:00	0	10.1454	7.28648	7.98416	42.0678	4	0
5/20/2015	4:00:01	0	10.1128	6.62068	11.4534	42.272	4	0
5/20/2015	5:00:00	0	10.0828	8.86162	11.4897	41.8635	4	0
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5/20/2015	7:00:01	0	9.87608	9.88587	8.83186	42.272	4	0
5/20/2015	8:00:01	0	10.6649	14.0674	19.5674	41.8635	4	0
5/20/2015	9:00:00	0	9.72754	9.08899	15.9721	42.4762	4	0
5/20/2015	10:00:00	0	10.192	14.582	16.4875	42.4762	4	0
5/20/2015	11:00:01	0	10.7085	17.5672	20.2521	42.272	4	0
5/20/2015	12:00:08	0	0	0	0	8.98535	1	0
5/20/2015	13:00:01	0	0	0	0	21.0339	4	0
5/20/2015	14:00:01	0	0	0	13.8998	21.6465	4	0
5/20/2015	15:00:00	0	0	0	7.57201	22.2592	4	0
5/20/2015	16:00:01	0	0	7.11416	6.14272	22.4634	4	0
5/20/2015	17:00:01	0	0	5.18022	5.3034	22.2591	4	0
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5/20/2015	19:00:00	0	0	6.23281	6.6078	22.4634	4	0
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5/20/2015	21:00:01	0	0	6.2649	5.97719	21.2381	4	0
5/20/2015	22:00:00	0	0	6.70874	7.67023	21.4423	4	0
5/20/2015	23:00:01	0	0	7.44686	7.84618	22.0549	4	0
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5/21/2015	2:00:00	0	0	6.10296	5.78044	21.8507	4	0
5/21/2015	3:00:01	0	6.03619	7.67241	9.29805	22.0549	4	0
5/21/2015	4:00:00	0	6.08488	7.66092	6.60153	21.8507	4	0
5/21/2015	5:00:00	0	6.17192	6.18742	7.09888	21.2381	4	0
5/21/2015	6:00:01	0	6.42839	7.62566	7.68702	22.2591	4	0
5/21/2015	7:00:01	0	6.40639	5.83378	-6.94065	21.8507	4	0

5/21/2015	8:00:00	0	6.97153	11.3328	4.23049	22.2592	4	0
5/21/2015	9:00:00	0	7.64932	13.8231	13.2807	22.2592	4	0
5/21/2015	10:00:01	0	7.93747	9.87818	8.90444	21.8507	4	0
5/21/2015	11:00:00	0	8.92031	19.0319	35.7318	21.6465	4	0
5/21/2015	12:00:00	0	10.1048	19.4718	27.9041	21.6465	4	0
5/21/2015	13:00:01	0	11.1546	17.3202	12.8214	21.2381	4	0
5/21/2015	14:00:01	0	12.088	17.2766	19.4994	21.0339	4	0
5/21/2015	15:00:00	9.75083	13.3044	22.0364	17.0486	21.4423	4	0
5/21/2015	16:00:01	10.2107	14.175	18.3204	14.8764	21.6465	4	0
5/21/2015	17:00:01	10.496	14.6581	12.1931	11.3126	21.0339	4	0
5/21/2015	18:00:00	11.0692	15.5356	18.3076	30.635	21.6465	4	0
5/21/2015	19:00:00	11.438	16.337	16.7382	18.1511	21.6465	4	0
5/21/2015	20:00:01	12.3801	17.7072	30.2045	23.13	22.4634	4	0
5/21/2015	21:00:01	13.1661	18.6894	27.0671	36.1511	22.6676	4	0
5/21/2015	22:00:00	14.6497	21.3534	39.9343	19.3522	22.2592	4	0
5/21/2015	23:00:01	14.9291	20.9822	15.1356	15.4107	23.2802	4	0
5/22/2015	0:00:01	15.5538	21.0753	20.1177	35.3338	22.8718	4	0
5/22/2015	1:00:00	16.0083	21.0393	18.0137	19.0605	23.076	4	0
5/22/2015	2:00:00	16.4086	20.9722	16.8257	15.5062	23.076	4	0
5/22/2015	3:00:01	16.7867	20.6296	18.1428	28.0165	23.6886	4	0
5/22/2015	4:00:00	17.1232	20.5743	19.1108	19.2454	23.4844	4	0
5/22/2015	5:00:00	17.5373	20.9589	16.7911	21.3308	23.4844	4	0
5/22/2015	6:00:01	18.5119	21.8946	25.716	34.3451	24.0971	4	0
5/22/2015	7:00:01	19.4071	22.7181	24.8114	23.8336	23.8928	4	0
5/22/2015	8:00:00	19.727	21.6956	16.2511	16.3356	23.4844	4	0
5/22/2015	9:00:00	19.9428	20.8761	15.8429	19.3257	23.2802	4	0
5/22/2015	10:00:01	20.1157	18.5497	11.0212	19.9226	23.076	4	0
5/22/2015	11:00:00	19.9663	18.4941	13.9818	14.6558	22.8718	4	0
5/22/2015	12:00:00	19.9846	18.3859	18.5454	21.7352	23.076	4	0
5/22/2015	13:00:01	20.3579	19.0284	26.088	14.7208	23.076	4	0
5/22/2015	14:00:01	20.5393	19.3997	21.8518	19.0257	23.076	4	0
5/22/2015	15:00:00	20.7126	19.9749	25.1932	29.1777	23.2802	4	0
5/22/2015	16:00:01	21.4048	21.2914	36.4587	36.4222	23.076	4	0
5/22/2015	17:00:01	22.1751	22.3999	30.9716	19.8673	23.2802	4	0
5/22/2015	18:00:00	22.5507	22.6364	31.2532	71.9424	24.5055	4	0
5/22/2015	19:00:00	23.0304	23.1776	34.8896	37.3959	24.5055	4	0

5/22/2015	20:00:01	22.6816	23.735	23.9712	26.454	25.3223	4	0
5/22/2015	21:00:01	22.5822	24.5913	27.1732	26.1111	25.3223	4	0
5/22/2015	22:00:00	21.6789	25.2375	19.3881	23.2598	25.7308	4	0
5/22/2015	23:00:01	21.7542	25.601	19.6144	19.4154	25.935	4	0
5/23/2015	0:00:01	21.639	25.5586	17.8085	19.5845	25.935	4	0
5/23/2015	1:00:00	21.7834	25.2575	21.621	18.8056	26.3434	4	0
5/23/2015	2:00:00	21.9296	25.2251	21.1249	24.2745	26.5476	4	0
5/23/2015	3:00:01	21.9858	24.838	19.5005	21.0388	26.956	4	0
5/23/2015	4:00:00	21.9313	23.4279	18.1041	18.6329	26.956	4	0
5/23/2015	5:00:00	21.992	22.5063	18.894	26.1808	27.1602	4	0
5/23/2015	6:00:01	22.1589	22.2368	24.5532	27.5803	26.956	4	0
5/23/2015	7:00:01	22.5817	21.9929	28.7426	31.2984	26.5476	4	0
5/23/2015	8:00:00	23.016	22.1166	24.5996	29.0934	26.9561	4	0
5/23/2015	9:00:00	24.368	23.6517	44.1232	50.8295	26.7518	4	0
5/23/2015	10:00:01	25.6422	25.2618	37.0705	34.9806	25.935	4	0
5/23/2015	11:00:00	26.8517	27.0415	40.4566	38.9787	25.935	4	0
5/23/2015	12:00:00	28.0624	29.4334	46.8295	79.4542	26.5476	4	0
5/23/2015	13:00:01	28.8239	31.1345	41.4247	31.4088	26.7518	4	0
5/23/2015	14:00:01	29.8124	33.0825	45.3538	59.1814	26.5476	4	0
5/23/2015	15:00:00	30.2639	34.3583	35.303	32.85	27.3645	4	0
5/23/2015	16:00:01	30.3445	35.9725	37.8732	46.9509	26.5476	4	0
5/23/2015	17:00:01	31.7513	39.8493	68.4447	90.9044	27.3645	4	0
5/23/2015	18:00:00	33.0125	42.9085	62.7347	79.2739	27.7729	4	0
5/23/2015	19:00:00	32.7481	43.2217	40.57	34.3434	28.5897	4	0
5/23/2015	20:00:01	32.7285	43.3366	30.7736	38.959	28.9981	4	0
5/23/2015	21:00:01	33.2507	43.175	45.0543	45.6536	29.4066	4	0
5/23/2015	22:00:00	34.5941	44.4478	51.0222	57.6484	30.2234	4	0
5/23/2015	23:00:01	36.0796	45.8364	56.9034	63.6439	31.2445	4	0
5/24/2015	0:00:01	37.3606	46.1533	49.9491	38.6315	31.4487	4	0
5/24/2015	1:00:00	37.7026	45.3674	31.1454	30.8073	32.2656	4	0
5/24/2015	2:00:00	38.0428	44.1745	29.0341	31.3126	31.2445	4	0
5/24/2015	3:00:01	38.3647	43.6864	28.9339	29.342	32.4698	4	0
5/24/2015	4:00:00	38.7946	43.0274	28.1841	19.4568	32.674	4	0
5/24/2015	5:00:00	38.5709	38.8224	17.1792	15.626	33.4908	4	0
5/24/2015	6:00:01	38.3036	35.2251	16.2899	16.8546	32.8782	4	0
5/24/2015	7:00:01	37.8833	33.275	14.7419	15.2151	33.4908	4	0

5/24/2015	8:00:00	37.4089	31.6505	9.65739	12.0782	32.674	4	0
5/24/2015	9:00:00	36.6665	29.5581	16.5175	18.8231	31.8571	4	0
5/24/2015	10:00:01	36.0662	27.0509	21.2097	22.9871	32.2656	4	0
5/24/2015	11:00:00	35.632	24.2715	22.2105	23.1662	32.0613	4	0
5/24/2015	12:00:00	35.0231	22.1248	23.0149	25.0037	31.6529	4	0
5/24/2015	13:00:01	35.4292	23.5914	49.4427	74.5139	31.8571	4	0
5/24/2015	14:00:01	35.3629	25.3921	55.1518	40.6098	32.674	4	0
5/24/2015	15:00:00	36.1475	26.8541	44.1491	25.6013	31.2445	4	0
5/24/2015	16:00:01	35.5543	26.1482	19.3399	28.3456	31.2445	4	0
5/24/2015	17:00:01	33.3474	26.0813	17.7422	24.8669	31.2445	4	0
5/24/2015	18:00:00	34.1436	31.3208	78.1731	188.22	30.8361	4	0
5/24/2015	19:00:00	34.7918	34.9908	61.1656	41.3259	31.2445	4	0
5/24/2015	20:00:01	35.0858	37.4182	39.307	40.1209	31.6529	4	0
5/24/2015	21:00:01	35.2714	40.3976	54.295	44.2243	31.2445	4	0
5/24/2015	22:00:00	34.8489	42.1709	43.2163	49.4068	31.4487	4	0
5/24/2015	23:00:01	34.2803	44.0722	45.135	50.2672	31.4487	4	0
5/25/2015	0:00:01	34.0282	45.9915	46.5869	51.9539	31.4487	4	0
5/25/2015	1:00:00	35.853	48.2882	78.0906	126.19	31.6529	4	0
5/25/2015	2:00:00	37.9949	50.5829	86.1239	69.3439	32.0614	4	0
5/25/2015	3:00:01	39.3317	52.0952	61.7865	67.9547	31.8571	4	0
5/25/2015	4:00:00	41.1501	56.5323	71.7113	87.4463	32.2656	4	0
5/25/2015	5:00:00	43.278	60.7698	67.5451	75.191	32.0614	4	0
5/25/2015	6:00:01	44.9259	59.0824	56.9103	52.5612	32.674	4	0
5/25/2015	7:00:01	46.464	58.3509	50.8777	54.0789	31.8571	4	0
5/25/2015	8:00:00	46.5867	56.4537	21.2148	12.4714	32.2656	4	0
5/25/2015	9:00:00	46.9313	53.9172	20.5681	29.802	31.6529	4	0
5/25/2015	10:00:01	46.4546	51.1139	8.14543	8.67482	32.4698	4	0
5/25/2015	11:00:00	45.8081	47.9328	6.38177	6.20393	32.0613	4	0
5/25/2015	12:00:00	45.6304	45.1745	7.9005	7.83516	31.4487	4	0
5/25/2015	13:00:01	43.9111	39.2693	7.28333	7.04882	31.4487	4	0
5/25/2015	14:00:01	42.2385	33.1218	11.9611	15.5298	31.4487	4	0
5/25/2015	15:00:00	41.209	29.569	20.3577	34.3329	31.6529	4	0
5/25/2015	16:00:01	41.2672	24.961	16.137	12.6907	31.2445	4	0
5/25/2015	17:00:01	41.031	20.2622	12.3764	11.795	31.6529	4	0
5/25/2015	18:00:00	38.3394	16.6165	14.3118	15.594	31.2445	4	0
5/25/2015	19:00:00	36.7184	14.4438	26.1192	41.2456	31.8571	4	0

5/25/2015	20:00:01	36.733	16.3346	45.1102	74.9669	32.2656	4	0
5/25/2015	21:00:01	36.0871	18.0583	42.0465	40.7362	32.2656	4	0
5/25/2015	22:00:00	36.0967	20.9414	42.6344	69.5954	32.4698	4	0
5/25/2015	23:00:01	37.8673	27.7667	88.6692	96.2691	32.8782	4	0
5/26/2015	0:00:01	39.5742	34.4776	89.0611	64.1217	32.8782	4	0
5/26/2015	1:00:00	38.115	37.4151	42.417	38.2163	32.4698	4	0
5/26/2015	2:00:00	35.9875	39.409	36.5539	40.2698	33.0824	4	0
5/26/2015	3:00:01	35.0884	41.1316	41.6162	38.3191	33.0824	4	0
5/26/2015	4:00:00	34.2598	44.1162	51.9625	48.0283	33.2866	4	0
5/26/2015	5:00:00	34.2005	48.5519	64.767	75.9484	33.0824	4	0
5/26/2015	6:00:01	34.9304	53.5367	73.062	94.8299	32.8782	4	0
5/26/2015	7:00:01	34.566	54.8264	38.3313	25.5105	32.8782	4	0
5/26/2015	8:00:00	35.1678	54.0271	33.5261	38.8701	33.2866	4	0
5/26/2015	9:00:00	35.3111	52.5461	25.177	18.501	33.8993	4	0
5/26/2015	10:00:01	36.7529	52.5705	43.419	32.317	33.8993	4	0
5/26/2015	11:00:00	37.4465	47.2088	26.869	19.6623	33.8993	4	0
5/26/2015	12:00:00	38.1732	41.6645	19.1014	26.6281	33.695	4	0
5/26/2015	13:00:01	39.2341	40.6173	27.4298	39.2637	32.2656	4	0
5/26/2015	14:00:01	40.7303	41.4559	46.4273	53.7618	33.2866	4	0
5/26/2015	15:00:00	41.0179	40.7435	39.7162	10.1192	34.3077	4	0
5/26/2015	16:00:01	40.9628	37.294	7.77252	1.41693	33.695	4	0
5/26/2015	17:00:01	40.8061	32.4711	7.01707	8.49052	33.2866	4	0
5/26/2015	18:00:00	40.5183	26.903	6.93111	7.8126	33.8993	4	0
5/26/2015	19:00:00	39.5872	24.281	8.49709	12.8143	33.4908	4	0
5/26/2015	20:00:01	39.0701	24.3388	34.7635	56.2402	32.4698	4	0
5/26/2015	21:00:01	40.0112	27.8559	68.4027	22.0966	33.2866	4	0
5/26/2015	22:00:00	40.2634	28.298	48.4676	53.6967	33.4908	4	0
5/26/2015	23:00:01	38.2093	29.3407	39.5562	35.4213	33.695	4	0
5/27/2015	0:00:01	35.1603	29.1346	17.061	7.71467	33.8993	4	0
5/27/2015	1:00:00	34.1584	28.3139	16.4731	9.88343	34.1035	4	0
5/27/2015	2:00:00	33.1913	25.7404	15.6209	31.0937	34.1035	4	0
5/27/2015	3:00:01	32.2036	24.0181	19.3066	10.0905	34.3077	4	0
5/27/2015	4:00:00	30.7295	24.7875	17.2669	17.0242	34.5119	4	0
5/27/2015	5:00:00	28.5348	25.2396	12.8874	20.7772	33.8993	4	0
5/27/2015	6:00:01	26.1364	25.8187	12.8881	13.0775	33.695	4	0
5/27/2015	7:00:01	25.3732	26.662	17.4295	19.5987	34.1035	4	0

5/27/2015	8:00:00	24.7351	25.2619	17.6325	48.2728	34.1035	4	0
5/27/2015	9:00:00	25.1149	22.3213	32.2905	10.5081	34.5119	4	0
5/27/2015	10:00:01	23.9632	19.497	14.1187	8.17993	33.2866	4	0
5/27/2015	11:00:00	23.6724	17.9067	21.0625	16.2022	34.1035	4	0
5/27/2015	12:00:00	23.8039	18.1371	18.7337	15.7393	33.695	4	0
5/27/2015	13:00:01	23.4734	18.3185	18.4863	22.7036	33.2866	4	0
5/27/2015	14:00:01	22.2869	18.523	18.6255	29.8573	33.8993	4	0
5/27/2015	15:00:00	21.714	18.9807	24.303	10.1022	33.2866	4	0
5/27/2015	16:00:01	22.0027	18.6899	13.6717	16.7417	33.695	4	0
5/27/2015	17:00:01	22.2695	18.7662	14.4715	17.3372	33.4908	4	0
5/27/2015	18:00:00	22.6869	19.1295	17.7668	20.1005	33.695	4	0
5/27/2015	19:00:00	23.9338	21.2265	45.5045	145.86	34.1035	4	0
5/27/2015	20:00:01	25.5105	26.064	78.184	34.6055	35.3287	4	0
5/27/2015	21:00:01	23.5192	25.0953	20.75	10.1086	35.533	4	0
5/27/2015	22:00:00	22.3979	25.7497	22.9776	23.8249	35.9414	4	0
5/27/2015	23:00:01	21.5414	25.5734	18.9041	28.3116	36.3498	4	0
5/28/2015	0:00:01	21.5865	25.6011	19.5465	21.9292	36.3498	4	0
5/28/2015	1:00:00	22.096	26.5343	30.1579	21.5764	36.7582	4	0
5/28/2015	2:00:00	22.1337	26.3315	14.6185	14.0457	35.7372	4	0
5/28/2015	3:00:01	22.0363	25.8073	17.8424	27.6331	35.9414	4	0
5/28/2015	4:00:00	22.3701	26.8293	26.162	34.5386	35.7372	4	0
5/28/2015	5:00:00	23.1114	28.1629	29.1616	26.2468	35.9414	4	0
5/28/2015	6:00:01	23.908	29.2493	27.6945	28.7886	35.7372	4	0
5/28/2015	7:00:01	24.5553	27.9528	24.5434	28.1512	35.1245	4	0
5/28/2015	8:00:00	25.0909	23.7109	25.9501	37.4386	34.5119	4	0
5/28/2015	9:00:00	24.942	24.2394	26.3644	29.9794	34.3077	4	0
5/28/2015	10:00:01	26.8166	27.0467	55.7092	53.9723	34.1035	4	0
5/28/2015	11:00:00	27.823	29.1193	43.396	39.9143	34.1035	4	0
5/28/2015	12:00:01	29.1078	31.5054	48.1777	43.7911	34.1035	4	0
5/28/2015	13:00:02	29.9937	32.1085	37.7689	35.2704	34.5119	4	0
5/28/2015	14:00:00	31.1066	34.5265	42.7801	35.1158	34.5119	4	0
5/28/2015	15:00:01	31.8392	36.5152	43.1602	35.7567	33.8993	4	0
5/28/2015	16:00:01	32.9588	37.5451	39.1203	47.6814	33.695	4	0
5/28/2015	17:00:01	34.053	38.4475	42.4668	46.6366	33.4908	4	0
5/28/2015	18:00:01	34.509	38.5806	32.495	35.7307	34.1035	4	0
5/28/2015	19:00:00	33.3916	38.4211	27.8628	32.2106	35.1245	4	0

5/28/2015	20:00:00	31.3848	39.0987	37.9996	18.9554	35.533	4	0
5/28/2015	21:00:01	31.3545	38.6918	22.9179	32.0377	35.9414	4	0
5/28/2015	22:00:01	31.4721	36.2285	24.0239	42.4149	36.1456	4	0
5/28/2015	23:00:00	32.8543	37.2885	58.8571	123.551	36.1456	4	0
5/29/2015	0:00:01	33.898	37.1582	45.7246	27.359	36.3498	4	0
5/29/2015	1:00:01	33.7477	36.3915	27.688	29.4625	36.1456	4	0
5/29/2015	2:00:00	34.2958	35.2434	26.9542	35.2302	36.3498	4	0
5/29/2015	3:00:00	34.5124	33.6749	22.4806	26.617	36.3498	4	0
5/29/2015	4:00:01	36.1469	35.8242	61.5722	55.2726	36.3498	4	0
5/29/2015	5:00:00	37.2078	37.02	55.9287	86.3233	36.1456	4	0
5/29/2015	6:00:00	39.7756	41.5923	83.7429	71.6323	35.7372	4	0
5/29/2015	7:00:01	41.8535	45.2198	67.7192	60.6412	35.533	4	0
5/29/2015	8:00:01	43.5135	47.4184	63.4598	53.5253	35.533	4	0
5/29/2015	9:00:00	44.8522	50.5081	62.3385	64.9125	35.7372	4	0
5/29/2015	10:00:00	45.6787	54.5761	69.917	59.4043	35.533	4	0
5/29/2015	11:00:01	46.874	55.3712	66.9928	51.086	35.533	4	0
5/29/2015	12:00:00	47.1433	55.835	49.926	57.925	35.1245	4	0
5/29/2015	13:00:00	47.9031	58.0883	55.0673	57.6899	34.9203	4	0
5/29/2015	14:00:01	48.4013	60.3766	56.3031	59.4905	35.7372	4	0
5/29/2015	15:00:01	49.9264	65.0451	78.2368	65.0958	34.7161	4	0
5/29/2015	16:00:00	0	0	0	0	20.4212	3	0
5/29/2015	17:00:01	0	0	0	13.3852	20.6255	4	0
5/29/2015	18:00:01	0	0	0	28.2816	21.2381	4	0
5/29/2015	19:00:00	0	0	15.1119	14.8052	21.6465	4	0
5/29/2015	20:00:00	0	0	13.1865	12.1582	22.0549	4	0
5/29/2015	21:00:01	0	0	56.5744	67.0486	22.4634	4	0
5/29/2015	22:00:01	0	0	46.3458	40.3557	22.6676	4	0
5/29/2015	23:00:00	0	0	24.1232	21.9562	22.2591	4	0
5/30/2015	0:00:01	0	0	37.365	43.9446	22.6676	4	0
5/30/2015	1:00:01	0	0	30.6613	40.6653	22.6676	4	0
5/30/2015	2:00:00	0	0	20.71	12.8248	23.076	4	0
5/30/2015	3:00:00	0	0	14.5619	21.853	22.8718	4	0
5/30/2015	4:00:01	0	0	18.393	16.9758	23.076	4	0
5/30/2015	5:00:00	0	0	11.3164	16.1014	22.6676	4	0
5/30/2015	6:00:01	0	24.575	9.70692	4.55447	23.076	4	0
5/30/2015	7:00:00	0	23.8246	5.52255	4.23388	23.076	4	0

5/30/2015	8:00:00	0	23.4568	8.03417	12.9714	23.4844	4	0
5/30/2015	9:00:00	0	19.5679	8.21951	16.1019	23.2802	4	0
5/30/2015	10:00:01	0	16.571	10.0247	9.80429	23.6886	4	0
5/30/2015	11:00:00	0	15.1506	7.40719	5.24417	23.2802	4	0
5/30/2015	12:00:00	0	12.6888	7.72687	6.1125	23.2802	4	0
5/30/2015	13:00:01	0	10.5989	5.35242	1.68982	23.076	4	0
5/30/2015	14:00:00	0	9.87672	13.9597	10.0056	24.0971	4	0
5/30/2015	15:00:00	0	8.78406	1.45709	4.98113	24.0971	4	0
5/30/2015	16:00:01	0	7.60826	3.98184	3.53744	23.8929	4	0
5/30/2015	17:00:01	15.9774	6.93084	3.06804	1.09876	24.5055	4	0
5/30/2015	18:00:00	15.2175	6.46959	4.0856	3.76635	24.0971	4	0
5/30/2015	19:00:01	14.8368	6.51991	6.1693	5.08699	23.6886	4	0
5/30/2015	20:00:01	14.4815	6.22146	4.30697	4.13574	23.8929	4	0
5/30/2015	21:00:00	12.561	6.22752	8.11032	7.05976	24.3013	4	0
5/30/2015	22:00:00	11.0165	6.03664	7.45191	6.49877	24.0971	4	0
5/30/2015	23:00:01	10.3089	5.96958	6.47503	5.75059	23.8929	4	0
5/31/2015	0:00:01	8.98802	5.72283	4.68422	4.05733	24.7097	4	0
5/31/2015	1:00:00	8.98802	5.72283	4.68422	4.52672	25.1181	4	0
5/31/2015	2:00:00	7.41262	5.10503	5.80801	7.05049	25.1181	4	0
5/31/2015	3:00:01	7.03633	5.41442	5.28345	6.48584	24.5055	4	0
5/31/2015	4:00:00	6.46836	5.41127	3.86775	3.51531	24.9139	4	0
5/31/2015	5:00:00	6.21319	5.55689	4.81234	5.13495	24.9139	4	0
5/31/2015	6:00:01	6.1583	5.891	8.05724	17.3667	24.9139	4	0
5/31/2015	7:00:01	6.28521	6.07306	8.21747	9.02051	24.5055	4	0
5/31/2015	8:00:00	6.3948	6.56831	10.0405	11.4989	24.9139	4	0
5/31/2015	9:00:00	6.41655	6.59806	8.41083	7.81706	24.9139	4	0
5/31/2015	10:00:01	6.44979	6.85633	10.5846	14.171	25.3223	4	0
5/31/2015	11:00:00	6.51188	7.02076	8.13807	2.77034	24.3013	4	0
5/31/2015	12:00:00	6.51188	7.02076	8.13807	11.0556	25.1181	4	0
5/31/2015	13:00:01	6.83317	7.85034	9.72428	10.2979	25.1181	4	0
5/31/2015	14:00:01	6.71041	8.27569	10.9617	16.8617	25.1181	4	0
5/31/2015	15:00:00	7.13315	8.78707	11.1997	9.62658	24.9139	4	0
5/31/2015	16:00:01	7.46728	9.46824	12.1924	21.2432	24.7097	4	0
5/31/2015	17:00:01	7.79425	9.97633	11.0354	3.46058	24.9139	4	0
5/31/2015	18:00:00	8.34013	10.7374	17.515	17.3017	25.5265	4	0
5/31/2015	19:00:00	8.45707	10.8014	9.20581	10.2347	24.7097	4	0

5/31/2015	20:00:01	8.68078	10.7837	10.2653	10.4829	24.9139	4	0
5/31/2015	21:00:01	8.78218	10.9684	10.7795	9.76132	24.7097	4	0
5/31/2015	22:00:00	8.92477	10.9841	10.5609	9.46163	25.5265	4	0
5/31/2015	23:00:01	8.98	10.9766	8.39869	11.2102	25.1181	4	0
6/1/2015	0:00:01	9.10343	10.7318	7.78675	6.23201	25.5265	4	0
6/1/2015	1:00:00	9.15367	10.5177	7.14769	10.6335	25.1181	4	0
6/1/2015	2:00:00	9.19651	10.1847	6.87913	5.72068	25.1181	4	0
6/1/2015	3:00:00	9.19651	10.1847	6.87913	6.42555	25.935	4	0
6/1/2015	4:00:00	9.4001	9.42552	7.72112	6.93459	24.9139	4	0
6/1/2015	5:00:01	9.46746	9.07045	6.85468	7.21189	25.3223	4	0
6/1/2015	6:00:01	9.50148	8.35795	8.69318	8.5549	25.5265	4	0
6/1/2015	7:00:00	9.51911	8.30805	8.4737	8.34871	25.5265	4	0
6/1/2015	8:00:00	9.7351	8.66633	14.118	17.0322	25.5265	4	0
6/1/2015	9:00:01	10.066	9.09838	15.7623	12.5244	25.7308	4	0
6/1/2015	10:00:00	10.2869	9.48944	14.8539	9.73327	25.5265	4	0
6/1/2015	11:00:00	10.6099	10.0776	15.2654	20.0624	25.7308	4	0
6/1/2015	12:00:01	10.97	10.9909	18.3475	18.0603	24.7097	4	0
6/1/2015	13:00:01	11.1373	11.5337	13.7173	15.5286	25.1181	4	0
6/1/2015	14:00:01	11.313	12.2135	14.977	11.22	25.1181	4	0
6/1/2015	15:00:01	11.4351	12.8382	13.2721	9.9763	24.9139	4	0
6/1/2015	16:00:00	11.6257	13.5918	16.9006	18.662	25.1181	4	0
6/1/2015	17:00:00	11.7895	14.2863	15.6518	15.0451	24.9139	4	0
6/1/2015	18:00:01	11.6294	14.7264	14.5038	21.9659	25.3223	4	0
6/1/2015	19:00:01	11.8932	15.3564	17.299	20.257	25.935	4	0
6/1/2015	20:00:00	12.5802	16.4686	29.1297	23.2853	26.5476	4	0
6/1/2015	21:00:01	12.7092	16.3425	14.8934	16.163	26.7518	4	0
6/1/2015	22:00:01	12.9714	16.5529	17.9953	15.201	27.3645	4	0
6/1/2015	23:00:00	12.8918	15.88	7.79119	5.79112	27.1602	4	0
6/2/2015	0:00:00	12.7653	14.8206	5.81088	6.30506	27.1602	4	0
6/2/2015	1:00:01	12.7189	14.217	6.20526	6.78489	27.3645	4	0
6/2/2015	2:00:00	12.8421	13.8535	10.5598	10.0197	27.5687	4	0
6/2/2015	3:00:00	13.0327	13.6956	11.0522	11.7299	27.3645	4	0
6/2/2015	4:00:01	13.3564	13.655	16.0516	16.8981	27.3645	4	0
6/2/2015	5:00:01	13.5743	13.4057	12.0696	12.7353	27.3645	4	0
6/2/2015	6:00:00	14.3389	14.3089	22.998	26.9425	27.3645	4	0
6/2/2015	7:00:00	14.9244	14.6802	20.5149	18.078	26.956	4	0

6/2/2015	8:00:01	15.2253	13.8839	18.1257	21.7612	26.956	4	0
6/2/2015	9:00:00	15.5017	14.3662	19.5908	25.4202	26.956	4	0
6/2/2015	10:00:00	16.0876	15.1718	27.3613	37.0056	27.3645	4	0
6/2/2015	11:00:01	16.3242	16.2565	20.8945	18.5683	26.7518	4	0
6/2/2015	12:00:01	16.3303	17.242	16.8621	24.8445	27.1602	4	0
6/2/2015	13:00:00	16.6652	18.5003	20.9707	37.1231	26.956	4	0
6/2/2015	14:00:01	17.0171	19.5239	22.8829	32.3097	26.5476	4	0
6/2/2015	15:00:01	17.3957	20.3785	20.8736	20.4459	26.956	4	0
6/2/2015	16:00:00	17.849	21.3314	28.9622	37.301	26.7518	4	0
6/2/2015	17:00:00	18.3171	22.5282	26.9681	41.3448	26.7518	4	0
6/2/2015	18:00:01	18.7353	22.6225	25.7168	23.4191	27.1602	4	0
6/2/2015	19:00:01	18.768	22.4987	21.6662	27.898	27.5687	4	0
6/2/2015	20:00:00	18.338	22.6871	22.6012	22.7436	28.3855	4	0
6/2/2015	21:00:01	18.6708	23.0584	25.4853	25.2477	27.9771	4	0
6/2/2015	22:00:01	18.6784	22.3432	18.4405	14.5656	28.1813	4	0
6/2/2015	23:00:00	19.1555	22.2756	20.4876	22.5012	28.9982	4	0
6/3/2015	0:00:00	19.919	22.9622	25.5458	23.3078	29.2024	4	0
6/3/2015	1:00:01	20.4263	22.8173	19.0383	24.7855	29.6108	4	0
6/3/2015	2:00:00	20.6649	22.3667	17.2373	18.3172	28.9982	4	0
6/3/2015	3:00:00	20.9994	22.3569	20.8983	18.4767	29.6108	4	0
6/3/2015	4:00:01	21.0097	21.4152	16.6479	19.891	29.2024	4	0
6/3/2015	5:00:01	21.178	20.6148	16.4679	15.3132	29.815	4	0
6/3/2015	6:00:00	21.3069	20.465	20.3939	18.9078	29.6108	4	0
6/3/2015	7:00:00	21.368	20.4675	20.7186	21.9155	29.4066	4	0
6/3/2015	8:00:01	22.0974	21.3872	31.8424	46.1518	28.9982	4	0
6/3/2015	9:00:00	23.0247	22.5417	37.7542	52.8033	28.5897	4	0
6/3/2015	10:00:00	23.5836	24.3439	39.8728	38.3771	28.5897	4	0
6/3/2015	11:00:01	24.7987	26.741	49.2334	53.6198	29.2024	4	0
6/3/2015	12:00:01	26.6842	29.6852	61.0241	62.2976	28.794	4	0
6/3/2015	13:00:00	26.6842	29.6852	61.0241	76.4681	29.4066	4	0
6/3/2015	14:00:01	31.0927	38.9483	76.9255	75.8844	29.2024	4	0
6/3/2015	15:00:01	33.3668	43.3504	73.0203	84.2473	29.2024	4	0
6/3/2015	16:00:01	35.0027	47.5742	67.1316	79.1647	29.2024	4	0
6/3/2015	17:00:00	36.7916	51.9731	69.5124	72.5974	29.4066	4	0
6/3/2015	18:00:01	38.1713	55.1799	60.6322	61.543	29.4066	4	0
6/3/2015	19:00:01	38.9047	56.8528	46.2456	59.9914	29.4066	4	0

6/3/2015	20:00:00	39.6063	57.7009	49.776	49.1404	30.0192	4	0
6/3/2015	21:00:01	39.5687	56.8576	34.2363	36.1048	30.8361	4	0
6/3/2015	22:00:01	40.0618	56.1604	32.1681	46.2904	31.8571	4	0
6/3/2015	23:00:00	41.2738	56.1409	44.5453	75.8283	31.0403	4	0
6/4/2015	0:00:00	42.5958	56.0223	60.3902	52.2477	31.6529	4	0
6/4/2015	1:00:01	44.2058	55.1008	56.704	61.3546	31.6529	4	0
6/4/2015	2:00:01	46.1515	54.2275	65.4024	89.6533	31.8571	4	0
6/4/2015	3:00:00	48.2733	54.3274	72.2796	73.4495	31.6529	4	0
6/4/2015	4:00:00	50.3793	54.4814	66.5713	74.1511	31.8571	4	0
6/4/2015	5:00:01	52.7245	55.0717	76.068	84.4985	32.2656	4	0
6/4/2015	6:00:01	54.7364	55.7977	66.3967	76.1422	32.4698	4	0
6/4/2015	7:00:00	0	0	0	0	30.8361	1	0
6/4/2015	8:00:01	0	0	0	0	31.0403	3	0
6/4/2015	9:00:00	0	0	0	33.0006	31.2445	4	0
6/4/2015	10:00:00	0	0	0	34.5012	30.8361	4	0
6/4/2015	11:00:01	0	0	35.3241	41.4123	30.2234	4	0
6/4/2015	12:00:01	0	0	29.6864	29.7955	30.4277	4	0
6/4/2015	13:00:00	0	0	34.9931	40.1363	30.2234	4	0
6/4/2015	14:00:00	0	0	31.2824	19.8283	30.2234	4	0
6/4/2015	15:00:01	0	0	29.8781	23.5525	30.2234	4	0
6/4/2015	16:00:00	0	0	31.3557	39.9081	30.2234	4	0
6/4/2015	17:00:00	0	0	28.3842	19.2662	30.0192	4	0
6/4/2015	18:00:01	0	0	27.5831	43.8654	30.2234	4	0
6/4/2015	19:00:01	0	0	26.2901	24.1134	30.6319	4	0
6/4/2015	20:00:00	0	0	21.1264	19.7064	31.0403	4	0
6/4/2015	21:00:01	0	0	26.6391	24.1097	31.4487	4	0
6/4/2015	22:00:01	0	28.5894	27.5556	27.6663	32.2656	4	0
6/4/2015	23:00:00	0	28.6317	35.706	45.7499	31.8571	4	0
6/5/2015	0:00:00	0	29.1449	36.1746	42.4369	31.8571	4	0
6/5/2015	1:00:01	0	28.6064	27.1664	23.4133	31.8571	4	0
6/5/2015	2:00:01	0	28.0081	22.5819	23.8976	31.8571	4	0
6/5/2015	3:00:00	0	27.0378	17.5169	20.192	32.0613	4	0
6/5/2015	4:00:01	0	26.6711	26.8936	26.8946	32.2656	4	0
6/5/2015	5:00:01	0	26.0169	20.2053	26.2008	32.4698	4	0
6/5/2015	6:00:00	0	25.42	17.787	20.1191	32.2656	4	0
6/5/2015	7:00:00	0	25.0511	19.8354	27.8454	32.2656	4	0

6/5/2015	8:00:01	0	25.2711	22.7366	17.6366	31.8571	4	0
6/5/2015	9:00:00	0	24.5649	17.9469	18.8385	31.6529	4	0
6/5/2015	10:00:00	26.2927	23.9048	20.9152	24.9628	31.8571	4	0
6/5/2015	11:00:01	26.1115	23.3676	28.7512	11.6108	31.8571	4	0
6/5/2015	12:00:01	25.8136	21.9946	18.8302	27.1877	31.2445	4	0
6/5/2015	13:00:00	25.2066	21.3449	19.6527	28.0066	31.4487	4	0
6/5/2015	14:00:00	25.0297	21.5934	25.4769	30.5766	30.8361	4	0
6/5/2015	15:00:01	24.7305	21.9576	22.1826	20.6975	31.4487	4	0
6/5/2015	16:00:00	24.7185	22.3325	32.8716	40.7807	32.2656	4	0
6/5/2015	17:00:00	24.5298	22.5847	23.8096	23.1185	32.2656	4	0
6/5/2015	18:00:01	23.9912	22.3915	16.8862	21.2268	32.2656	4	0
6/5/2015	19:00:01	23.4459	21.9712	16.3891	14.9681	32.8782	4	0
6/5/2015	20:00:00	22.9846	21.0943	13.7295	12.5828	32.8782	4	0
6/5/2015	21:00:01	22.4185	20.7884	14.9463	10.9677	33.2866	4	0
6/5/2015	22:00:01	21.5639	19.6855	7.87058	7.66648	33.0824	4	0
6/5/2015	23:00:00	21.5639	19.6855	7.87058	9.12467	33.8993	4	0
6/6/2015	0:00:00	19.1536	17.0184	8.37826	9.88608	33.695	4	0
6/6/2015	1:00:01	18.4021	16.1875	9.35269	8.73582	34.1035	4	0
6/6/2015	2:00:01	17.8502	14.8657	8.56084	7.40158	32.8782	4	0
6/6/2015	3:00:00	17.4161	13.6947	7.67466	8.97058	34.1035	4	0
6/6/2015	4:00:01	16.676	11.8264	9.58864	11.5792	33.2866	4	0
6/6/2015	5:00:01	16.2891	10.8029	10.7305	12.1915	34.3077	4	0
6/6/2015	6:00:00	16.3116	10.6927	14.0487	20.3143	33.4908	4	0
6/6/2015	7:00:00	16.1905	10.6064	14.6289	17.9569	33.2866	4	0
6/6/2015	8:00:01	15.9327	10.6629	13.724	16.7289	32.674	4	0
6/6/2015	9:00:00	16.1623	11.1997	20.8731	28.4671	32.8782	4	0
6/6/2015	10:00:00	16.3774	12.6589	25.225	21.2553	32.0613	4	0
6/6/2015	11:00:01	16.0745	13.7692	19.9295	27.4862	32.674	4	0
6/6/2015	12:00:01	16.1387	14.7147	19.6229	20.626	32.674	4	0
6/6/2015	13:00:00	16.3806	15.9666	23.97	29.0617	32.674	4	0
6/6/2015	14:00:00	16.3795	17.3186	24.564	25.535	32.4698	4	0
6/6/2015	15:00:01	16.5015	18.7469	24.8462	24.9852	32.8782	4	0
6/6/2015	16:00:00	16.194	20.0436	24.9927	15.286	32.8782	4	0
6/6/2015	17:00:00	15.9333	20.6372	19.1763	38.5715	33.0824	4	0
6/6/2015	18:00:01	16.0308	21.0792	20.5453	23.4425	33.0824	4	0
6/6/2015	19:00:01	16.151	21.484	20.5011	32.7257	33.4908	4	0

6/6/2015	20:00:00	16.665	22.5834	28.8982	30.1797	33.8993	4	0
6/6/2015	21:00:01	16.9977	22.8095	24.616	27.5483	33.8993	4	0
6/6/2015	22:00:01	17.4942	22.4099	21.1626	22.7711	34.7161	4	0
6/6/2015	23:00:00	18.1971	22.7954	24.8593	12.9387	35.1245	4	0
6/7/2015	0:00:00	18.8282	23.1824	24.495	30.6535	34.7161	4	0
6/7/2015	1:00:01	19.3686	23.1028	22.5363	23.9482	35.5329	4	0
6/7/2015	2:00:01	20.8219	24.649	41.1246	67.9009	34.9203	4	0
6/7/2015	3:00:00	23.7688	29.078	76.1096	93.0129	34.9203	4	0
6/7/2015	4:00:01	26.9065	34.1008	84.3229	67.841	34.9203	4	0
6/7/2015	5:00:01	29.5346	38.6664	73.0594	63.4896	35.1245	4	0
6/7/2015	6:00:00	31.0289	41.1316	49.465	52.0631	34.7161	4	0
6/7/2015	7:00:00	31.9435	42.6509	42.2295	44.9573	35.3288	4	0
6/7/2015	8:00:01	32.582	42.6323	27.4586	30.4691	35.3287	4	0
6/7/2015	9:00:00	34.1727	45.4045	55.7667	69.5368	35.533	4	0
6/7/2015	10:00:00	35.5247	48.4335	57.6653	76.056	35.533	4	0
6/7/2015	11:00:01	37.4096	51.5354	56.3931	39.859	34.5119	4	0
6/7/2015	12:00:01	38.1808	52.5271	34.1553	29.2271	34.7161	4	0
6/7/2015	13:00:00	38.4612	53.1098	28.6361	34.8482	34.1035	4	0
6/7/2015	14:00:00	39.4461	53.4359	41.5505	50.6469	33.8993	4	0
6/7/2015	15:00:00	39.34	49.024	30.1946	-6.31587	34.3077	4	0
6/7/2015	16:00:01	38.4431	42.2641	6.58312	2.18511	34.3077	4	0
6/7/2015	17:00:00	38.5297	37.7748	19.2676	24.8919	34.1035	4	0
6/7/2015	18:00:00	39.1483	36.5677	35.8907	40.8575	34.3077	4	0
6/7/2015	19:00:01	39.2485	35.0149	25.6187	37.6729	34.1035	4	0
6/7/2015	20:00:01	39.0101	34.8534	27.7439	64.5167	34.1035	4	0
6/7/2015	21:00:00	39.1219	32.4354	26.9393	20.5662	34.7161	4	0
6/7/2015	22:00:01	38.8225	28.8385	15.3855	6.89937	34.7161	4	0
6/7/2015	23:00:01	37.7323	24.4366	5.27658	7.07938	35.3288	4	0
6/8/2015	0:00:00	37.2219	22.6336	11.8209	13.4942	34.1035	4	0
6/8/2015	1:00:00	36.8487	21.5436	15.5432	10.8961	35.533	4	0
6/8/2015	2:00:01	35.882	19.6405	17.4813	13.0109	34.9203	4	0
6/8/2015	3:00:01	33.5936	18.986	21.9843	31.7195	34.9203	4	0
6/8/2015	4:00:00	31.2364	20.7523	27.6437	9.84196	35.533	4	0
6/8/2015	5:00:01	28.8776	20.618	17.8189	22.973	34.7161	4	0
6/8/2015	6:00:01	27.4346	18.857	13.9217	12.6051	34.9203	4	0
6/8/2015	7:00:00	26.4912	18.2502	17.2166	18.0674	34.7161	4	0

6/8/2015	8:00:00	26.117	17.3561	16.1704	17.9956	34.3077	4	0
6/8/2015	9:00:01	24.6176	16.6685	18.0177	18.947	34.3077	4	0
6/8/2015	10:00:00	24.6176	16.6685	18.0177	13.7976	33.8993	4	0
6/8/2015	11:00:00	21.4436	17.9075	20.8157	24.3138	34.1035	4	0
6/8/2015	12:00:01	21.2195	19.3006	28.5276	33.9858	33.8993	4	0
6/8/2015	13:00:01	21.5195	20.9446	35.2787	22.0823	33.8993	4	0
6/8/2015	14:00:00	20.7716	21.3451	21.7554	37.3318	33.0824	4	0
6/8/2015	15:00:00	20.543	21.6199	26.7347	35.4253	33.4908	4	0
6/8/2015	16:00:01	21.2101	21.518	31.2155	49.1628	35.533	4	0
6/8/2015	17:00:00	22.1443	23.5013	41.9845	27.1401	34.9203	4	0
6/8/2015	18:00:01	22.0821	25.1339	32.9723	39.2628	35.1245	4	0
6/8/2015	19:00:00	21.95	25.6346	24.5756	0.370035	35.1245	4	0
6/8/2015	20:00:00	21.5446	25.9364	22.4544	20.1787	36.3498	4	0
6/8/2015	21:00:01	21.3292	26.292	22.938	27.3543	35.7372	4	0
6/8/2015	22:00:01	21.6531	27.1839	24.0957	28.812	36.7582	4	0
6/8/2015	23:00:00	22.3969	27.4381	23.4032	29.5336	36.1456	4	0
6/9/2015	0:00:01	23.0604	27.5163	29.7245	30.1788	36.9625	4	0
6/9/2015	1:00:01	23.4745	26.7999	25.2032	34.0614	36.7582	4	0
6/9/2015	2:00:01	23.7843	27.168	26.008	27.9777	37.3709	4	0
6/9/2015	3:00:00	24.0643	27.4288	29.2204	29.6044	37.3709	4	0
6/9/2015	4:00:01	24.0299	27.0822	26.1402	28.9139	36.9624	4	0
6/9/2015	5:00:01	24.5521	26.1615	29.5889	31.2993	36.9625	4	0
6/9/2015	6:00:00	25.9612	27.36	45.4253	57.0453	36.9625	4	0
6/9/2015	7:00:00	26.8171	28.2156	31.2483	35.8259	36.7582	4	0
6/9/2015	8:00:01	27.6724	29.1243	30.1473	35.1157	35.3287	4	0
6/9/2015	9:00:00	28.5055	30.0727	31.2543	26.4483	35.3288	4	0
6/9/2015	10:00:00	29.2308	30.4667	28.5733	42.1542	35.1245	4	0
6/9/2015	11:00:00	0	0	0	0	34.7161	1	0
6/9/2015	12:00:00	0	0	0	0	34.9203	3	0
6/9/2015	13:00:00	0	0	0	44.664	34.7161	4	0
6/9/2015	14:00:01	0	0	0	52.8834	34.9203	4	0
6/9/2015	15:00:01	0	0	52.2741	68.4083	34.7161	4	0
6/9/2015	16:00:00	0	0	57.47	55.1484	35.1245	4	0
6/9/2015	17:00:00	0	0	38.7743	31.5654	34.7161	4	0
6/9/2015	18:00:00	0	0	30.1847	41.2084	35.1245	4	0
6/9/2015	19:00:01	0	0	26.9768	27.5113	35.9414	4	0

6/9/2015	20:00:00	0	0	30.3201	40.5006	35.9414	4	0
6/9/2015	21:00:00	0	0	51.5668	58.4105	35.9414	4	0
6/9/2015	22:00:01	0	0	71.1203	61.7528	36.3498	4	0
6/9/2015	23:00:01	0	0	75.5506	78.7726	35.1245	4	0
6/10/2015	0:00:00	0	0	57.0302	64.155	36.1456	4	0
6/10/2015	1:00:00	0	0	51.957	56.0438	36.7582	4	0
6/10/2015	2:00:01	0	48.4185	45.0858	47.0202	36.554	4	0
6/10/2015	3:00:00	0	48.4692	51.3504	58.2613	36.1456	4	0
6/10/2015	4:00:00	0	48.4401	56.1336	64.5456	36.9625	4	0
6/10/2015	5:00:01	0	49.9718	55.4117	49.3526	36.9624	4	0
6/10/2015	6:00:01	0	51.5059	50.7058	75.3478	36.9624	4	0
6/10/2015	7:00:00	0	54.9792	61.8713	33.9229	36.7582	4	0
6/10/2015	8:00:01	0	53.8459	17.3207	26.7444	36.554	4	0
6/10/2015	9:00:01	0	52.3261	28.8419	24.9747	36.1456	4	0
6/10/2015	10:00:00	0	48.7715	25.7176	25.0005	35.7372	4	0
6/10/2015	11:00:00	0	44.9867	28.3867	31.5049	35.7372	4	0
6/10/2015	12:00:01	0	43.8223	43.7938	58.5076	35.7372	4	0
6/10/2015	13:00:01	46.9152	43.6254	48.4117	46.8341	35.533	4	0
6/10/2015	14:00:00	47.0368	44.0704	49.7278	53.4468	35.533	4	0
6/10/2015	15:00:01	46.8597	43.6651	48.0657	46.9064	35.1245	4	0
6/10/2015	16:00:01	45.8249	41.6059	33.6107	25.9996	34.9203	4	0
6/10/2015	17:00:00	45.4812	39.3837	30.4371	32.7708	35.3288	4	0
6/10/2015	18:00:00	45.0668	37.1512	29.2383	13.8926	35.533	4	0
6/10/2015	19:00:01	43.9396	32.445	10.0788	1.29993	36.3498	4	0
6/10/2015	20:00:00	42.9351	31.8153	11.9288	22.5566	36.1456	4	0
6/10/2015	21:00:00	41.8919	31.6476	26.9094	61.6079	36.3498	4	0
6/10/2015	22:00:00	40.9751	33.9013	54.4909	32.5766	36.1456	4	0
6/10/2015	23:00:01	39.0741	34.2285	33.17	14.1372	36.554	4	0
6/11/2015	0:00:00	37.3168	31.9421	15.8105	11.96	37.9835	4	0
6/11/2015	1:00:00	35.447	28.6836	8.54293	3.53796	37.9835	4	0
6/11/2015	2:00:01	33.8997	25.3106	7.26432	4.55299	36.9625	4	0
6/11/2015	3:00:01	32.0212	22.0208	7.24046	6.90156	37.7793	4	0
6/11/2015	4:00:00	30.1185	20.221	11.08	15.5993	37.3709	4	0
6/11/2015	5:00:01	28.5503	19.2419	17.6499	21.6393	37.3709	4	0
6/11/2015	6:00:01	28.2586	20.4687	42.8989	37.9365	37.7793	4	0
6/11/2015	7:00:00	28.3069	24.6165	58.213	50.8118	36.554	4	0

6/11/2015	8:00:00	29.6206	27.5933	46.6851	41.4743	36.7582	4	0
6/11/2015	9:00:01	30.009	28.371	34.6775	13.2122	36.9625	4	0
6/11/2015	10:00:01	30.1144	26.0976	27.1844	35.9145	36.3498	4	0
6/11/2015	11:00:00	30.2564	25.7842	28.6663	23.865	35.9414	4	0
6/11/2015	12:00:00	29.5474	26.4734	22.8047	31.2747	35.9414	4	0
6/11/2015	13:00:01	28.1729	27.0177	15.4279	14.0735	36.554	4	0
6/11/2015	14:00:01	27.0113	28.1025	19.596	18.8919	36.1456	4	0
6/11/2015	15:00:00	26.1863	29.7425	26.2098	23.8565	36.3498	4	0
6/11/2015	16:00:00	25.8897	31.0728	28.9226	38.3835	35.533	4	0
6/11/2015	17:00:01	26.1236	32.6683	39.7221	46.783	36.3498	4	0
6/11/2015	18:00:00	26.4493	32.2795	42.4242	31.4838	37.1667	4	0
6/11/2015	19:00:00	27.2966	30.028	32.3509	30.7739	37.3709	4	0
6/11/2015	20:00:01	28.2462	29.0834	35.5516	36.478	37.5751	4	0
6/11/2015	21:00:01	28.5119	29.0252	34.1336	38.8306	37.5751	4	0
6/11/2015	22:00:00	27.7965	29.9396	38.7176	60.5632	37.9835	4	0
6/11/2015	23:00:00	27.8587	30.4782	34.6379	33.9682	37.9835	4	0
6/12/2015	0:00:01	28.608	31.3705	32.0436	31.8386	38.5961	4	0
6/12/2015	1:00:00	29.4615	32.5364	29.1844	28.5286	38.3919	4	0
6/12/2015	2:00:00	29.7066	32.1627	16.357	18.8441	38.3919	4	0
6/12/2015	3:00:01	30.7945	32.7979	32.6193	45.3151	38.3919	4	0
6/12/2015	4:00:01	31.1452	32.094	19.8998	14.7294	38.8004	4	0
6/12/2015	5:00:00	31.2345	30.389	17.1791	10.4208	38.1877	4	0
6/12/2015	6:00:01	29.7522	27.5613	8.82262	8.88907	38.1877	4	0
6/12/2015	7:00:01	29.0715	28.3117	40.9718	37.4012	38.5962	4	0
6/12/2015	8:00:00	28.349	27.7346	28.1536	31.9073	37.9835	4	0
6/12/2015	9:00:00	28.1911	27.4121	30.0454	13.3953	38.8004	4	0
6/12/2015	10:00:01	28.187	26.3244	24.9587	24.3739	37.9835	4	0
6/12/2015	11:00:01	28.3548	25.9358	28.5606	33.0629	37.7793	4	0
6/12/2015	12:00:00	28.5048	25.463	27.0089	32.2172	38.8004	4	0
6/12/2015	13:00:01	29.0639	25.2294	25.1553	28.2477	36.1456	4	0
6/12/2015	14:00:01	28.7815	24.9607	13.9566	7.89298	36.7582	4	0
6/12/2015	15:00:00	27.5686	22.1417	0.891619	6.70753	37.3709	4	0
6/12/2015	16:00:00	26.3466	20.6576	4.17651	10.593	37.1667	4	0
6/12/2015	17:00:01	24.9608	19.8129	7.82801	15.4043	37.3709	4	0
6/12/2015	18:00:00	23.3896	19.4923	5.58142	10.1047	38.3919	4	0
6/12/2015	19:00:00	22.6413	17.3357	15.0798	12.0308	37.9835	4	0

6/12/2015	20:00:01	21.6731	16.0305	12.3249	18.8823	38.3919	4	0
6/12/2015	21:00:01	20.7729	14.5525	11.7997	5.46288	38.5961	4	0
6/12/2015	22:00:00	19.997	14.204	20.6839	22.3835	39.0046	4	0
6/12/2015	23:00:00	19.5022	13.7632	22.6758	22.6554	38.8004	4	0
6/13/2015	0:00:01	18.8963	12.988	17.0877	28.7837	39.413	4	0
6/13/2015	1:00:00	18.8101	13.1253	25.8469	23.2343	39.0046	4	0
6/13/2015	2:00:00	19.0601	13.8296	22.0406	11.25	39.2088	4	0
6/13/2015	3:00:01	18.1226	14.5591	9.74187	13.8601	39.413	4	0
6/13/2015	4:00:01	18.223	16.0196	21.4582	21.5577	39.0046	4	0
6/13/2015	5:00:00	18.4819	17.2993	23.1557	9.88931	38.8004	4	0
6/13/2015	6:00:01	18.7277	18.0435	14.3877	12.2174	39.413	4	0
6/13/2015	7:00:01	17.7599	18.1445	15.4321	21.1229	39.2088	4	0
6/13/2015	8:00:00	18.5122	20.8482	43.6236	40.5762	38.8004	4	0
6/13/2015	9:00:00	18.9383	23.0598	36.0005	27.6593	38.1877	4	0
6/13/2015	10:00:01	19.6588	24.7396	39.6801	48.1853	37.5751	4	0
6/13/2015	11:00:01	19.4982	24.8073	23.0522	20.6514	37.5751	4	0
6/13/2015	12:00:00	20.0906	26.7488	39.9468	43.5873	37.1667	4	0
6/13/2015	13:00:01	19.7856	26.0177	18.1084	40.1489	37.3709	4	0
6/13/2015	14:00:01	20.2585	26.1911	23.9823	25.1914	36.3498	4	0
6/13/2015	15:00:00	20.2585	26.1911	23.9823	20.3066	36.7582	4	0
6/13/2015	16:00:00	22.1993	27.8594	30.3511	25.9514	37.3709	4	0
6/13/2015	17:00:01	21.7037	25.8051	4.32659	26.8243	37.7793	4	0
6/13/2015	18:00:00	22.5928	26.8621	27.7965	28.8208	38.1877	4	0
6/13/2015	19:00:00	23.1321	27.9346	28.8434	8.15289	37.9835	4	0
6/13/2015	20:00:00	23.0599	25.1722	10.621	13.3028	37.9835	4	0
6/13/2015	21:00:01	23.1895	23.4722	15.7296	11.837	37.5751	4	0
6/13/2015	22:00:00	22.6898	21.009	10.0405	16.061	37.5751	4	0
6/13/2015	23:00:00	22.3246	20.3166	14.3597	10.884	37.7793	4	0
6/14/2015	0:00:01	22.5452	18.8873	21.358	19.3649	38.3919	4	0
6/14/2015	1:00:01	23.3642	21.2265	45.7755	49.012	38.5961	4	0
6/14/2015	2:00:00	23.8146	22.0511	33.4261	44.72	38.5961	4	0
6/14/2015	3:00:01	25.718	24.7825	55.3505	34.2501	38.1877	4	0
6/14/2015	4:00:01	26.9635	26.6063	51.6179	64.0556	38.5961	4	0
6/14/2015	5:00:00	28.3756	31.0267	57.336	70.4213	38.8004	4	0
6/14/2015	6:00:00	29.0163	31.1996	29.6923	7.08805	38.3919	4	0
6/14/2015	7:00:01	28.7042	29.4202	6.86452	7.57839	38.1877	4	0

6/14/2015	8:00:01	27.2798	29.2846	8.15488	15.2171	38.3919	4	0
6/14/2015	9:00:00	26.2276	28.7655	8.21174	14.8733	37.3709	4	0
6/14/2015	10:00:01	25.0787	28.8549	10.176	8.78097	37.9835	4	0
6/14/2015	11:00:01	24.616	28.5067	8.29704	11.4415	37.5751	4	0
6/14/2015	12:00:00	23.4873	27.7628	12.8923	22.0657	35.9414	4	0
6/14/2015	13:00:00	22.9463	24.2633	4.13993	1.71133	37.5751	4	0
6/14/2015	14:00:01	22.3483	22.1366	7.68705	-5.24773	36.1456	4	0
6/14/2015	15:00:00	21.8129	18.1875	8.68503	12.2699	37.5751	4	0
6/14/2015	16:00:00	20.869	14.5136	9.47875	17.4133	36.554	4	0
6/14/2015	17:00:01	21.1673	10.645	12.5239	27.5064	37.1667	4	0
6/14/2015	18:00:01	20.4386	8.9894	10.3689	22.7351	36.9625	4	0
6/14/2015	19:00:00	20.6828	11.8545	42.5878	39.8788	37.9835	4	0
6/14/2015	20:00:00	21.9743	14.5656	40.3823	32.3259	37.7793	4	0
6/14/2015	21:00:01	22.3607	16.0508	26.4207	27.4546	37.7793	4	0
6/14/2015	22:00:00	22.4069	16.2581	13.2915	16.6978	37.9835	4	0
6/14/2015	23:00:00	22.3167	16.6329	12.927	14.263	39.0046	4	0
6/15/2015	0:00:01	23.3129	19.3138	44.6542	67.0698	38.8004	4	0
6/15/2015	1:00:01	23.23	22.6078	43.4861	50.8769	38.1877	4	0
6/15/2015	2:00:00	24.5705	27.4137	64.8015	68.7991	37.7793	4	0
6/15/2015	3:00:01	24.8204	31.8819	63.1081	50.352	38.8004	4	0
6/15/2015	4:00:01	24.3822	34.522	40.6308	34.8598	38.1877	4	0
6/15/2015	5:00:00	23.3734	36.2535	32.5717	47.6621	38.3919	4	0
6/15/2015	6:00:00	23.3256	37.7863	28.5277	21.6849	38.3919	4	0
6/15/2015	7:00:01	23.895	35.9185	18.4645	18.7573	38.3919	4	0
6/15/2015	8:00:01	24.3113	34.0093	15.5473	10.2814	37.7793	4	0
6/15/2015	9:00:00	24.4683	32.888	15.6343	-8.98385	37.5751	4	0
6/15/2015	10:00:01	24.8242	33.2556	15.7467	12.2956	37.9835	4	0
6/15/2015	11:00:01	25.1117	33.3253	11.166	16.3861	37.1667	4	0
6/15/2015	12:00:00	25.2113	30.7362	12.8168	16.0122	37.5751	4	0
6/15/2015	13:00:00	25.4733	27.864	9.27973	9.65898	37.5751	4	0
6/15/2015	14:00:01	26.0691	24.0917	20.0605	18.0466	37.1667	4	0
6/15/2015	15:00:00	26.2652	19.9083	15.3527	36.2356	37.1667	4	0
6/15/2015	16:00:00	26.5366	17.7814	16.0455	17.7258	37.5751	4	0
6/15/2015	17:00:01	26.6005	16.6604	21.8592	15.5057	38.1877	4	0
6/15/2015	18:00:01	25.9996	14.3171	2.18897	5.78099	38.8004	4	0
6/15/2015	19:00:00	24.6563	13.6571	10.5227	22.6679	37.7793	4	0

6/15/2015	20:00:00	23.692	13.8021	17.1922	20.9491	37.9835	4	0
6/15/2015	21:00:01	23.6424	14.5993	25.1314	19.0488	39.0046	4	0
6/15/2015	22:00:00	23.3662	13.8281	6.22602	4.02878	36.3498	4	0
6/15/2015	23:00:00	23.2441	13.7548	10.1755	5.94669	36.3498	4	0
6/16/2015	0:00:01	21.6439	13.243	6.5364	2.7924	37.7793	4	0
6/16/2015	1:00:01	20.2389	13.3666	10.9823	12.6382	37.7793	4	0
6/16/2015	2:00:00	17.9121	12.4726	8.90568	9.43433	37.7793	4	0
6/16/2015	3:00:01	15.5927	11.8608	7.9252	6.96516	38.3919	4	0
6/16/2015	4:00:01	14.1993	11.1297	6.84473	9.53867	38.8004	4	0
6/16/2015	5:00:00	13.4745	10.6283	15.764	21.7626	39.2088	4	0
6/16/2015	6:00:00	12.9357	11.6396	13.7583	5.56677	39.0046	4	0
6/16/2015	7:00:01	12.4801	11.3396	6.547	11.8391	38.5961	4	0
6/16/2015	8:00:01	12.2603	10.7168	9.42045	3.82427	38.1877	4	0
6/16/2015	9:00:00	12.1287	9.61432	11.6619	15.3599	37.1667	4	0
6/16/2015	10:00:01	12.1139	10.3662	15.245	21.216	37.7793	4	0
6/16/2015	11:00:01	12.8302	11.8082	27.0524	35.035	37.7793	4	0
6/16/2015	12:00:00	13.703	14.0776	33.9615	73.3104	37.5751	4	0
6/16/2015	13:00:00	14.2512	15.0146	22.3213	22.3636	37.7793	4	0
6/16/2015	14:00:01	14.1028	15.5601	14.8249	22.3441	37.3709	4	0
6/16/2015	15:00:00	13.9992	15.9749	13.4278	10.1628	38.5961	4	0
6/16/2015	16:00:00	14.1057	16.9083	17.7104	23.9338	37.5751	4	0
6/16/2015	17:00:01	13.9203	17.0057	17.0118	15.2963	38.3919	4	0
6/16/2015	18:00:01	14.3917	17.0653	16.4835	19.7093	38.5961	4	0
6/16/2015	19:00:00	14.6868	18.0481	19.5745	15.0842	39.6172	4	0
6/16/2015	20:00:00	14.5313	18.4466	15.6387	9.6265	38.3919	4	0
6/16/2015	21:00:01	14.2211	18.9528	18.0208	15.0832	38.5961	4	0
6/16/2015	22:00:00	14.2929	18.3663	8.1348	9.41695	39.0046	4	0
6/16/2015	23:00:00	14.3043	17.0653	11.6127	8.86602	39.8214	4	0
6/17/2015	0:00:01	14.4474	15.1289	9.77551	13.9404	39.8214	4	0
6/17/2015	1:00:01	14.2304	13.802	6.04935	17.9357	40.4341	4	0
6/17/2015	2:00:00	14.3027	13.4719	10.3851	6.02969	40.8425	4	0
6/17/2015	3:00:01	14.2789	12.99	7.34398	6.36382	39.6172	4	0
6/17/2015	4:00:01	14.8508	13.2689	20.5834	16.876	39.413	4	0
6/17/2015	5:00:00	14.8508	13.2689	20.5834	16.239	40.0256	4	0
6/17/2015	6:00:00	14.7809	12.9299	12.8675	7.80813	40.4341	4	0
6/17/2015	7:00:01	14.8837	12.0593	8.62317	9.30052	40.6383	4	0

6/17/2015	8:00:01	14.9209	11.632	10.4319	7.24761	40.8425	4	0
6/17/2015	9:00:00	14.8626	10.9036	8.6616	2.85904	41.2509	4	0
6/17/2015	10:00:01	14.7993	11.2794	12.2217	18.1621	39.8214	4	0
6/17/2015	11:00:01	14.4671	11.7684	17.0119	16.914	39.413	4	0
6/17/2015	12:00:00	14.0845	12.9207	23.3365	15.3173	39.8214	4	0
6/17/2015	13:00:00	13.9944	13.9927	18.1968	27.5767	38.3919	4	0
6/17/2015	14:00:01	14.1542	14.636	18.0138	20.0514	38.1877	4	0
6/17/2015	15:00:00	14.8396	16.4486	28.552	39.3565	37.9835	4	0
6/17/2015	16:00:00	15.1142	16.692	23.6933	17.4764	38.5961	4	0
6/17/2015	17:00:01	15.5287	17.4926	25.8702	19.472	38.3919	4	0
6/17/2015	18:00:01	16.1074	18.9765	31.8293	48.0881	39.413	4	0
6/17/2015	19:00:00	16.1295	19.9335	20.3771	27.5123	37.9835	4	0
6/17/2015	20:00:00	16.3099	20.7618	21.4079	24.0099	38.3919	4	0
6/17/2015	21:00:01	16.2839	21.5291	18.8465	14.9681	38.5961	4	0
6/17/2015	22:00:00	16.5995	21.8105	15.6266	20.3202	38.8004	4	0
6/17/2015	23:00:00	17.797	23.76	40.581	25.2385	39.0046	4	0
6/18/2015	0:00:01	18.8448	24.7396	35.4817	28.6704	39.8214	4	0
6/18/2015	1:00:01	19.3056	24.6623	17.3347	24.1386	39.2088	4	0
6/18/2015	2:00:01	20.3914	26.1275	33.6922	43.5779	38.3919	4	0
6/18/2015	3:00:00	21.7404	27.0794	40.0319	54.3475	38.3919	4	0
6/18/2015	4:00:01	23.9443	31.1966	71.603	97.0617	38.3919	4	0
6/18/2015	5:00:01	27.9273	38.392	111.717	144.871	38.3919	4	0
6/18/2015	6:00:00	29.7452	40.4779	57.1715	19.6103	38.3919	4	0
6/18/2015	7:00:00	29.8871	39.8366	13.8295	10.7439	38.3919	4	0
6/18/2015	8:00:01	29.9224	38.9471	9.44785	18.7186	38.1877	4	0
6/18/2015	9:00:01	30.5449	39.1991	18.903	19.9678	37.9835	4	0
6/18/2015	10:00:00	30.6331	39.1117	15.1488	16.7839	37.5751	4	0
6/18/2015	11:00:01	30.7124	37.1621	15.7107	6.55853	37.7793	4	0
6/18/2015	12:00:01	30.4025	35.5441	17.4804	22.0309	37.5751	4	0
6/18/2015	13:00:00	30.1467	35.103	12.4245	-8.77344	37.9835	4	0
6/18/2015	14:00:00	29.8984	33.2294	10.9676	8.94728	37.3709	4	0
6/18/2015	15:00:01	29.2772	31.125	17.105	12.8755	38.3919	4	0
6/18/2015	16:00:00	28.6603	25.9519	11.0134	16.7249	38.1877	4	0
6/18/2015	17:00:00	28.0232	17.483	10.5969	8.7251	38.3919	4	0
6/18/2015	18:00:00	27.404	14.2031	18.3487	23.9681	38.3919	4	0
6/18/2015	19:00:01	27.2487	14.6106	19.3464	4.85906	39.0046	4	0

6/18/2015	20:00:00	27.1463	15.6356	22.5626	26.436	38.8004	4	0
6/18/2015	21:00:00	27.2403	15.9651	23.0701	31.3407	39.0046	4	0
6/18/2015	22:00:01	26.8973	15.3818	8.11061	2.67259	38.8004	4	0
6/18/2015	23:00:01	25.3831	14.6488	7.41896	11.7677	39.6172	4	0
6/19/2015	0:00:00	24.1871	13.8578	7.89077	0.952048	39.8214	4	0
6/19/2015	1:00:01	24.0107	14.0035	14.1656	14.3203	40.6383	4	0
6/19/2015	2:00:01	22.8774	13.773	8.61265	8.74355	40.2298	4	0
6/19/2015	3:00:00	21.5859	13.0815	8.32425	7.11395	40.2298	4	0
6/19/2015	4:00:01	18.8383	12.5445	4.53247	5.34079	40.0256	4	0
6/19/2015	5:00:01	14.5553	12.1953	6.51388	12.6045	40.6383	4	0
6/19/2015	6:00:01	12.659	11.5086	9.32741	11.0616	40.6383	4	0
6/19/2015	7:00:00	12.6632	10.9664	11.5243	8.55634	41.0467	4	0
6/19/2015	8:00:01	12.6825	9.87124	8.78884	11.3169	41.0467	4	0
6/19/2015	9:00:01	12.5046	9.0915	13.2903	10.5163	40.0256	4	0
6/19/2015	10:00:00	12.5813	9.70081	14.8064	17.4532	39.8214	4	0
6/19/2015	11:00:01	12.4494	10.0878	12.0142	8.44891	38.3919	4	0
6/19/2015	12:00:01	12.284	10.481	12.3307	16.0571	39.413	4	0
6/19/2015	13:00:00	12.0839	9.88572	7.15046	2.26994	38.3919	4	0
6/19/2015	14:00:00	12.3021	10.4826	15.8567	18.9425	38.5961	4	0
6/19/2015	15:00:01	12.0499	10.6874	10.9407	23.5924	39.0046	4	0
6/19/2015	16:00:00	12.1138	11.3499	12.5389	29.9199	38.5961	4	0
6/19/2015	17:00:00	11.9601	11.431	8.23952	21.5989	38.8004	4	0
6/19/2015	18:00:01	12.1091	12.4811	22.3784	21.7501	39.6172	4	0
6/19/2015	19:00:01	12.1909	13.3096	22.0245	19.9737	40.8425	4	0
6/19/2015	20:00:00	12.0778	14.2678	21.0985	19.7579	39.8214	4	0
6/19/2015	21:00:00	11.9988	14.9427	21.8979	20.9889	40.8425	4	0
6/19/2015	22:00:01	12.1673	14.7391	12.316	6.5697	40.8425	4	0
6/19/2015	23:00:00	12.4399	14.9132	13.9563	7.13779	41.2509	4	0
6/20/2015	0:00:00	12.7055	15.1059	14.7164	22.087	41.4551	4	0
6/20/2015	1:00:01	12.62	15.5439	12.6408	10.5755	41.8635	4	0
6/20/2015	2:00:01	12.716	15.192	11.7933	12.9233	42.0678	4	0
6/20/2015	3:00:00	12.8517	15.2505	11.0854	10.5021	42.0678	4	0
6/20/2015	4:00:01	13.3245	15.5425	15.5648	21.5831	40.8425	4	0
6/20/2015	5:00:01	13.6897	16.1323	15.0336	19.5333	41.0467	4	0
6/20/2015	6:00:00	13.7185	15.119	9.58333	10.6579	40.6383	4	0
6/20/2015	7:00:01	13.9385	14.6566	15.6183	18.5357	40.4341	4	0

6/20/2015	8:00:00	14.3394	14.4403	18.5085	20.2665	40.0256	4	0
6/20/2015	9:00:00	14.9069	14.6797	23.0986	35.4401	40.2298	4	0
6/20/2015	10:00:01	15.9015	16.8535	38.444	37.57	41.2509	4	0
6/20/2015	11:00:01	16.5976	17.9342	25.4125	29.1075	40.4341	4	0
6/20/2015	12:00:00	17.1341	18.7047	23.2761	40.1609	39.8214	4	0
6/20/2015	13:00:00	18.4243	20.7434	36.73	40.2733	39.6172	4	0
6/20/2015	14:00:01	21.5547	27.3587	92.177	89.3405	40.2298	4	0
6/20/2015	15:00:00	23.8436	31.8031	62.5534	53.6917	39.8214	4	0
6/20/2015	16:00:00	25.3675	34.5855	50.183	47.6372	38.8004	4	0
6/20/2015	17:00:01	26.1986	35.6546	28.693	34.392	39.6172	4	0
6/20/2015	18:00:01	26.3457	37.0514	27.1865	27.3055	40.0256	4	0
6/20/2015	19:00:00	26.3457	37.0514	27.1865	45.9247	39.2088	4	0
6/20/2015	20:00:00	26.2978	37.9271	20.7041	24.899	39.2088	4	0
6/20/2015	21:00:01	26.4799	38.2799	29.6061	54.1494	39.6172	4	0
6/20/2015	22:00:00	27.2025	37.5193	28.0487	35.182	39.8214	4	0
6/20/2015	23:00:00	28.2771	38.734	39.406	52.6237	39.413	4	0
6/21/2015	0:00:01	29.16	39.8523	36.9321	24.9408	40.4341	4	0
6/21/2015	1:00:01	29.353	38.3143	17.8473	14.2329	40.4341	4	0
6/21/2015	2:00:00	29.7347	32.5321	21.3497	28.8119	40.6383	4	0
6/21/2015	3:00:01	29.6932	28.4406	13.445	13.4157	41.0467	4	0
6/21/2015	4:00:01	29.6588	25.5659	13.9323	19.688	41.0467	4	0
6/21/2015	5:00:00	29.5998	24.3646	13.4641	11.5466	41.0467	4	0
6/21/2015	6:00:00	29.8388	23.4595	15.9341	13.3919	41.0467	4	0
6/21/2015	7:00:01	30.2096	22.795	23.0331	24.0061	40.6383	4	0
6/21/2015	8:00:01	30.1825	22.5577	17.616	21.0918	39.413	4	0
6/21/2015	9:00:00	30.3665	22.126	22.9706	32.1702	39.2088	4	0
6/21/2015	10:00:01	29.7796	21.5819	20.2084	21.5924	39.2088	4	0
6/21/2015	11:00:01	29.75	20.2665	23.7519	26.2545	38.8004	4	0
6/21/2015	12:00:00	29.4901	18.4905	15.7918	16.1267	38.5961	4	0
6/21/2015	13:00:00	28.5124	18.0033	11.9019	11.4738	38.1877	4	0
6/21/2015	14:00:01	25.1217	17.1328	11.3824	5.39631	38.8004	4	0
6/21/2015	15:00:00	23.1872	17.3278	16.1769	6.14525	39.0046	4	0
6/21/2015	16:00:00	21.5687	17.0532	10.7454	5.9653	38.3919	4	0
6/21/2015	17:00:01	21.1747	17.5179	19.3473	19.0024	38.8004	4	0
6/21/2015	18:00:01	20.7632	17.5393	15.991	6.56424	39.2088	4	0
6/21/2015	19:00:00	20.4599	17.7586	26.8244	59.621	39.6172	4	0

6/21/2015	20:00:00	20.3531	18.034	23.0712	32.4552	40.2298	4	0
6/21/2015	21:00:01	20.2123	18.4267	28.509	33.3597	40.4341	4	0
6/21/2015	22:00:00	20.1606	19.0037	26.9774	25.703	40.8425	4	0
6/21/2015	23:00:00	19.4492	18.9896	24.0922	28.1147	41.2509	4	0
6/22/2015	0:00:01	18.9981	19.8322	25.3191	23.3248	39.6172	4	0
6/22/2015	1:00:01	19.2597	20.8821	24.5395	25.9627	39.8214	4	0
6/22/2015	2:00:00	19.1553	21.52	18.9372	25.5712	40.4341	4	0
6/22/2015	3:00:01	21.2017	25.3408	60.6703	93.5435	39.6172	4	0
6/22/2015	4:00:01	23.4111	30.0495	67.2685	67.989	39.6172	4	0
6/22/2015	5:00:00	25.1545	33.0266	53.7244	44.5107	39.413	4	0
6/22/2015	6:00:00	27.0201	36.7228	58.6865	40.6341	40.6383	4	0
6/22/2015	7:00:01	28.5078	39.334	55.7547	53.2225	39.2088	4	0
6/22/2015	8:00:01	29.0331	39.9185	29.7876	32.0982	38.8004	4	0
6/22/2015	9:00:00	29.1187	39.6567	26.923	31.9008	39.2088	4	0
6/22/2015	10:00:01	29.8212	40.5132	38.5869	28.7131	39.413	4	0
6/22/2015	11:00:01	30.0515	40.9325	30.0182	24.4856	39.413	4	0
6/22/2015	12:00:00	30.6997	41.3023	27.3719	32.6518	39.413	4	0
6/22/2015	13:00:00	32.6158	43.9508	54.4185	66.4493	39.413	4	0
6/22/2015	14:00:01	34.8656	47.7961	65.6187	70.0194	39.413	4	0
6/22/2015	15:00:00	37.3959	48.9145	71.9381	104.007	39.8214	4	0
6/22/2015	16:00:00	40.54	50.3261	85.1496	81.7747	39.6172	4	0
6/22/2015	17:00:01	42.7026	51.5889	68.1743	72.2634	39.6172	4	0
6/22/2015	18:00:01	45.3394	53.1299	77.2071	75.3208	39.413	4	0
6/22/2015	19:00:00	47.0374	54.2223	72.2652	94.2954	39.413	4	0
6/22/2015	20:00:00	49.702	59.3284	96.6162	70.0898	40.0256	4	0
6/22/2015	21:00:00	0	0	0	0	39.6172	3	0
6/22/2015	22:00:01	0	0	0	11.4713	40.0256	4	0
6/22/2015	23:00:00	0	0	0	36.8727	39.8214	4	0
6/23/2015	0:00:00	0	0	35.7304	31.5556	40.2298	4	0
6/23/2015	1:00:01	0	0	24.2753	25.0919	40.4341	4	0
6/23/2015	2:00:01	0	0	17.5784	10.3286	40.0256	4	0
6/23/2015	3:00:00	0	0	12.7707	8.40984	40.6383	4	0
6/23/2015	4:00:01	0	0	7.73478	-5.72231	41.0467	4	0
6/23/2015	5:00:01	0	0	8.43934	28.568	40.6383	4	0
6/23/2015	6:00:01	0	0	13.4895	14.5672	40.6383	4	0
6/23/2015	7:00:00	0	0	0.912325	1.76736	40.6383	4	0

6/23/2015	8:00:01	0	0	9.37733	11.463	40.4341	4	0
6/23/2015	9:00:01	0	0	10.4605	18.4527	40.0256	4	0
6/23/2015	10:00:00	0	0	9.96841	-3.62155	40.4341	4	0
6/23/2015	11:00:00	0	13.6891	13.0687	6.55128	40.0256	4	0
6/23/2015	12:00:01	0	11.3652	7.75435	-2.43003	39.8214	4	0
6/23/2015	13:00:00	0	10.3596	12.09	4.49486	40.0256	4	0
6/23/2015	14:00:00	0	9.89532	11.9768	16.7569	39.6172	4	0
6/23/2015	15:00:01	0	9.44125	7.27694	1.60134	40.0256	4	0
6/23/2015	16:00:01	0	9.5994	9.64522	9.60826	40.4341	4	0
6/23/2015	17:00:00	0	9.85552	11.9022	-12.2762	39.8214	4	0
6/23/2015	18:00:00	0	10.0623	16.4731	34.2278	40.0256	4	0
6/23/2015	19:00:00	0	11.9183	23.5213	25.1236	40.6383	4	0
6/23/2015	20:00:00	0	12.2286	13.977	-1.20974	40.6383	4	0
6/23/2015	21:00:01	0	12.5315	14.5208	18.2436	41.4551	4	0
6/23/2015	22:00:01	0	13.1292	17.31	24.5834	41.6593	4	0
6/23/2015	23:00:01	13.2233	13.0148	11.8098	20.8357	41.6593	4	0
6/24/2015	0:00:01	12.1717	13.1974	10.0032	11.3745	41.2509	4	0
6/24/2015	1:00:00	11.7607	13.3831	14.305	26.7192	42.0677	4	0
6/24/2015	2:00:01	12.081	14.4885	25.0827	16.9257	41.8635	4	0
6/24/2015	3:00:01	13.0575	16.8778	35.4706	38.7931	41.4551	4	0
6/24/2015	4:00:01	14.3492	19.3233	38.9839	21.9146	41.6593	4	0
6/24/2015	5:00:00	15.3039	20.956	31.0405	22.5437	42.272	4	0
6/24/2015	6:00:01	16.6322	23.3535	44.1446	75.1688	41.8635	4	0
6/24/2015	7:00:01	17.9371	24.1029	31.9484	31.4827	41.8635	4	0
6/24/2015	8:00:00	18.8242	25.5101	31.2015	25.6344	42.272	4	0
6/24/2015	9:00:01	19.6212	26.6899	26.7448	17.1044	41.8635	4	0
6/24/2015	10:00:01	19.4892	25.7725	5.58942	9.13875	40.6383	4	0
6/24/2015	11:00:00	20.4317	27.7083	34.2236	3.71539	40.8425	4	0
6/24/2015	12:00:00	20.3149	27.2658	4.57586	7.81426	40.8425	4	0
6/24/2015	13:00:01	20.7153	27.7988	19.4087	36.9152	40.6383	4	0
6/24/2015	14:00:00	21.9579	29.0449	38.3775	8.22414	40.2298	4	0
6/24/2015	15:00:00	22.1673	27.0784	13.8062	11.0887	40.2298	4	0
6/24/2015	16:00:01	22.4574	25.1854	18.212	15.2995	40.4341	4	0
6/24/2015	17:00:01	22.9014	24.5911	26.8158	36.485	41.6593	4	0
6/24/2015	18:00:00	23.0111	22.486	19.6304	20.227	41.4551	4	0
6/24/2015	19:00:00	22.8254	21.37	18.71	19.3079	41.2509	4	0

6/24/2015	20:00:01	22.8596	20.0791	16.8409	28.7824	41.6593	4	0
6/24/2015	21:00:00	22.9111	19.2095	16.5984	15.3065	41.8635	4	0
6/24/2015	22:00:00	22.8556	20.0829	16.0937	13.3795	42.0678	4	0
6/24/2015	23:00:01	23.0377	18.5309	14.7501	17.7357	41.8635	4	0
6/25/2015	0:00:01	23.1766	19.248	13.0232	11.3061	41.6593	4	0
6/25/2015	1:00:00	23.4913	19.4837	22.0721	36.5585	42.272	4	0
6/25/2015	2:00:01	23.1761	17.7963	17.2217	17.7853	41.2509	4	0
6/25/2015	3:00:01	22.7236	18.6955	24.1087	27.4868	41.6593	4	0
6/25/2015	4:00:00	21.7402	18.5015	15.6149	7.75885	41.4551	4	0
6/25/2015	5:00:00	20.913	17.2312	11.5657	13.6685	41.4551	4	0
6/25/2015	6:00:01	19.7987	17.0616	17.4792	23.3656	41.8635	4	0
6/25/2015	7:00:01	19.5334	17.6245	25.2303	29.8829	41.4551	4	0
6/25/2015	8:00:00	20.3154	20.244	46.8439	22.4319	41.2509	4	0
6/25/2015	9:00:01	19.8958	20.1555	14.5781	17.7068	40.0256	4	0
6/25/2015	10:00:01	19.9258	19.3417	6.9612	-0.751287	40.8425	4	0
6/25/2015	11:00:00	18.9044	18.9825	11.1981	3.7321	40.8425	4	0
6/25/2015	12:00:00	19.0513	18.5292	7.44136	7.70099	40.6383	4	0
6/25/2015	13:00:01	18.8662	17.8491	13.6359	9.67515	40.4341	4	0
6/25/2015	14:00:00	17.8214	17.5515	14.4644	19.3211	40.6383	4	0
6/25/2015	15:00:00	17.7111	16.3726	9.65215	1.68561	40.8425	4	0
6/25/2015	16:00:01	17.5253	16.251	14.8141	13.7692	39.6172	4	0
6/25/2015	17:00:01	17.0345	16.5799	15.8294	18.0891	40.2298	4	0
6/25/2015	18:00:00	16.6076	15.9546	10.6656	3.99193	41.2509	4	0
6/25/2015	19:00:00	16.1053	14.4659	8.18871	11.902	41.6593	4	0
6/25/2015	20:00:01	15.8794	11.6016	12.7598	14.2845	41.0467	4	0
6/25/2015	21:00:01	15.9835	12.0485	20.0406	22.2826	41.0467	4	0
6/25/2015	22:00:00	15.9382	12.7624	15.6469	20.7511	41.4551	4	0
6/25/2015	23:00:01	15.6565	12.5564	8.9537	6.29108	41.6593	4	0
6/26/2015	0:00:01	15.6889	13.1255	14.4172	17.6908	41.6593	4	0
6/26/2015	1:00:00	15.4105	13.3696	16.9115	9.94256	42.4762	4	0
6/26/2015	2:00:01	15.5792	13.9564	21.2482	26.7556	42.0678	4	0
6/26/2015	3:00:01	15.2208	14.49	16.2624	24.0419	42.4762	4	0
6/26/2015	4:00:00	15.5782	15.3015	24.3314	35.5264	42.272	4	0
6/26/2015	5:00:00	16.1508	16.1363	25.7032	20.7981	42.6804	4	0
6/26/2015	6:00:01	16.5554	17.4807	26.186	29.0145	42.8846	4	0
6/26/2015	7:00:01	16.5725	18.917	25.2705	18.3117	42.6804	4	0

6/26/2015	8:00:00	15.728	19.9735	24.6663	21.7586	42.4762	4	0
6/26/2015	9:00:00	15.9966	19.9814	18.5636	17.9001	42.0677	4	0
6/26/2015	10:00:01	16.4182	20.0754	16.297	12.0939	42.272	4	0
6/26/2015	11:00:00	16.8937	21.2017	22.4321	30.3924	41.6593	4	0
6/26/2015	12:00:00	17.5357	21.8751	22.1599	19.8043	42.272	4	0
6/26/2015	13:00:01	17.6389	21.8081	16.8213	23.8317	42.0678	4	0
6/26/2015	14:00:00	18.0403	22.0488	24.9115	28.8976	41.6593	4	0
6/26/2015	15:00:01	18.6642	22.7239	24.5208	23.0535	42.0678	4	0
6/26/2015	16:00:01	18.8192	22.2679	20.2291	19.7193	42.6804	4	0
6/26/2015	17:00:00	19.2564	22.2865	26.1866	28.9523	42.4762	4	0
6/26/2015	18:00:00	19.5737	21.6266	18.6543	16.9332	43.0888	4	0
6/26/2015	19:00:01	19.9335	20.9101	16.7255	20.6584	42.8846	4	0
6/26/2015	20:00:00	20.0291	20.1485	16.0804	18.4224	43.0888	4	0
6/26/2015	21:00:00	19.8453	19.9498	16.605	14.0471	43.4972	4	0
6/26/2015	22:00:01	19.8276	19.8526	14.8176	14.5754	43.293	4	0
6/26/2015	23:00:01	19.9895	19.0905	13.1484	11.5865	43.0888	4	0
6/27/2015	0:00:00	19.9031	18.3178	12.7708	14.999	43.0888	4	0
6/27/2015	1:00:01	19.7886	18.0905	13.6946	16.4153	43.7015	4	0
6/27/2015	2:00:01	19.3906	17.006	11.6013	10.2231	43.9057	4	0
6/27/2015	3:00:00	19.2837	16.1669	14.4641	11.3947	43.9057	4	0
6/27/2015	4:00:00	18.8112	15.5931	13.3236	15.6361	43.9057	4	0
6/27/2015	5:00:01	18.3061	14.5751	13.8228	15.176	43.7015	4	0
6/27/2015	6:00:01	17.8921	14.302	14.7218	18.8058	43.9057	4	0
6/27/2015	7:00:00	17.6177	14.2193	13.944	18.1277	43.293	4	0
6/27/2015	8:00:00	17.291	14.1719	14.8633	18.7715	42.6804	4	0
6/27/2015	9:00:01	17.0023	13.6608	10.1565	9.58901	42.272	4	0
6/27/2015	10:00:00	16.5441	12.8395	5.14428	9.01093	42.0678	4	0
6/27/2015	11:00:00	16.1334	12.7238	11.6264	14.6498	41.6593	4	0
6/27/2015	12:00:01	15.6408	12.49	10.1176	17.976	41.4551	4	0
6/27/2015	13:00:00	15.3809	12.2238	10.8565	4.7316	41.6593	4	0
6/27/2015	14:00:00	14.6544	11.8548	7.20943	-2.5708	41.8635	4	0
6/27/2015	15:00:00	13.9914	11.3711	9.09354	5.85861	42.0678	4	0
6/27/2015	16:00:01	13.5166	10.9798	8.85915	-7.89938	41.4551	4	0
6/27/2015	17:00:00	12.7472	10.4821	8.24207	8.24264	41.8635	4	0
6/27/2015	18:00:00	12.4707	10.2607	12.4839	19.2339	41.4551	4	0
6/27/2015	19:00:01	12.9365	11.5806	30.9599	15.5419	42.8846	4	0

6/27/2015	20:00:01	12.7573	11.493	15.0607	18.891	43.0888	4	0
6/27/2015	21:00:00	12.7969	12.1583	18.3034	27.8801	43.7015	4	0
6/27/2015	22:00:01	13.0044	13.4072	20.3393	21.7354	44.1099	4	0
6/27/2015	23:00:01	13.2422	14.0504	19.3669	12.0867	43.9057	4	0
6/28/2015	0:00:00	13.5521	14.9172	20.4135	30.389	44.3141	4	0
6/28/2015	1:00:00	13.8866	15.8563	22.1135	13.4023	44.3141	4	0
6/28/2015	2:00:01	14.3739	17.2097	23.365	28.1595	44.1099	4	0
6/28/2015	3:00:01	14.8462	18.6293	26.1622	21.7355	44.7225	4	0
6/28/2015	4:00:00	15.2539	19.856	23.9043	38.667	44.5183	4	0
6/28/2015	5:00:01	16.0701	21.9534	32.8193	30.8685	44.7225	4	0
6/28/2015	6:00:01	17.0024	23.9374	33.0729	33.0484	43.9057	4	0
6/28/2015	7:00:00	17.4957	23.4394	22.1382	7.55797	42.8846	4	0
6/28/2015	8:00:00	17.7126	23.7971	18.2328	21.5529	43.0888	4	0
6/28/2015	9:01:52	0	0	0	0	8.37271	1	0
6/28/2015	10:00:01	0	0	0	0	20.6255	3	0
6/28/2015	11:00:01	0	0	0	17.6549	20.8297	4	0
6/28/2015	12:00:00	0	0	0	30.1246	20.4212	4	0
6/28/2015	13:00:00	0	0	43.4725	37.0046	20.6255	4	0
6/28/2015	14:00:01	0	0	47.1991	46.7141	20.6255	4	0
6/28/2015	15:00:00	0	0	35.9282	40.4302	20.6255	4	0
6/28/2015	16:00:01	0	0	55.3605	29.5861	21.4423	4	0
6/28/2015	17:00:00	0	0	12.3714	14.5889	21.6465	4	0
6/28/2015	18:00:00	0	0	17.9231	18.4998	22.0549	4	0
6/28/2015	19:00:01	0	0	11.4489	12.8126	22.0549	4	0
6/28/2015	20:00:00	0	0	19.0243	38.7117	21.6465	4	0
6/28/2015	21:00:00	0	0	25.693	11.1121	22.2592	4	0
6/28/2015	22:00:01	0	0	14.6345	14.2491	21.8507	4	0
6/28/2015	23:00:01	0	27.6517	11.3322	12.7219	21.8507	4	0
6/29/2015	0:00:00	0	27.6517	11.3322	17.9883	22.4634	4	0
6/29/2015	1:00:01	0	23.0389	14.3616	22.3347	22.2592	4	0
6/29/2015	2:00:01	0	20.3829	13.747	16.1825	22.2592	4	0
6/29/2015	3:00:00	0	18.7044	14.9645	11.5529	22.2592	4	0
6/29/2015	4:00:00	0	15.4094	15.3143	20.7347	22.0549	4	0
6/29/2015	5:00:01	0	15.5175	13.8663	21.5654	22.6676	4	0
6/29/2015	6:00:01	0	15.3338	15.4836	14.5376	22.4634	4	0
6/29/2015	7:00:00	0	15.783	16.0646	18.1108	22.2592	4	0

6/29/2015	8:00:01	0	15.4519	14.7145	10.9121	21.8507	4	0
6/29/2015	9:00:01	0	14.3081	11.2637	17.3861	22.0549	4	0
6/29/2015	10:00:00	0	13.8462	9.42515	10.0813	22.2592	4	0
6/29/2015	11:00:00	0	13.7122	9.39914	11.2671	22.2592	4	0
6/29/2015	12:00:01	19.5646	13.2443	8.53685	6.28713	22.0549	4	0
6/29/2015	13:00:00	18.1757	12.7672	8.43099	5.07873	22.0549	4	0
6/29/2015	14:00:00	16.7132	12.544	11.0935	20.0489	21.6465	4	0
6/29/2015	15:00:01	15.691	12.4054	14.7329	10.186	22.4634	4	0
6/29/2015	16:00:01	13.7824	11.9268	9.42397	12.5688	22.2592	4	0
6/29/2015	17:00:00	13.7585	11.7283	11.5641	13.1674	22.6676	4	0
6/29/2015	18:00:00	13.5402	11.6051	14.9898	11.6012	22.4634	4	0
6/29/2015	19:00:01	13.4717	11.1272	10.6977	10.9636	22.2592	4	0
6/29/2015	20:00:00	13.4717	11.1272	10.6977	9.68349	22.4634	4	0
6/29/2015	21:00:00	12.8147	11.5022	17.1439	28.8303	22.8718	4	0
6/29/2015	22:00:01	13.1397	12.6199	22.9546	39.5642	23.2802	4	0
6/29/2015	23:00:01	13.5569	13.6145	21.0707	14.6876	23.4844	4	0
6/30/2015	0:00:00	13.611	14.2118	16.0178	17.5569	23.076	4	0
6/30/2015	1:00:01	13.6169	14.7254	14.3893	24.8717	23.4844	4	0
6/30/2015	2:00:01	13.8215	15.3961	19.2213	26.1431	23.8928	4	0
6/30/2015	3:00:00	13.9772	15.7225	18.0973	22.9509	24.0971	4	0
6/30/2015	4:00:00	14.2053	16.6762	20.7054	18.7589	24.5055	4	0
6/30/2015	5:00:01	14.2882	17.0779	16.7251	1.81439	24.5055	4	0
6/30/2015	6:00:01	14.548	17.6315	21.0735	21.6893	24.0971	4	0
6/30/2015	7:00:00	14.8331	18.6095	21.5712	24.0895	23.4844	4	0
6/30/2015	8:00:01	15.0676	19.0922	18.5911	12.5528	23.4844	4	0
6/30/2015	9:00:01	15.4465	19.2924	18.4933	16.5807	23.8929	4	0
6/30/2015	10:00:00	15.9934	19.2133	21.9118	21.4762	23.8929	4	0
6/30/2015	11:00:00	16.7738	19.7325	26.851	29.6377	23.8928	4	0
6/30/2015	12:00:01	17.9159	21.3133	34.3772	38.5929	24.3013	4	0
6/30/2015	13:00:00	19.1946	23.3389	38.8361	35.4098	24.9139	4	0
6/30/2015	14:00:00	20.6198	25.4526	44.7658	76.7358	24.9139	4	0
6/30/2015	15:00:01	21.8258	27.5286	42.8882	45.4841	25.3223	4	0
6/30/2015	16:00:01	22.9038	28.7018	35.314	43.7794	25.5266	4	0
6/30/2015	17:00:00	23.6701	29.7922	30.7434	33.9453	25.1181	4	0
6/30/2015	18:00:00	24.0346	30.0751	26.9064	35.272	25.7308	4	0
6/30/2015	19:00:01	24.7479	30.6375	29.9592	24.042	25.935	4	0

6/30/2015	20:00:00	25.2133	31.3673	31.2263	51.0248	26.3434	4	0
6/30/2015	21:00:00	26.1335	33.224	42.9455	40.4293	27.1602	4	0
6/30/2015	22:00:01	26.5746	34.2072	33.1531	24.121	26.3434	4	0
6/30/2015	23:00:01	27.2228	35.0974	37.8464	48.4032	26.5476	4	0
7/1/2015	0:00:00	28.0327	35.3387	38.0064	43.527	27.3645	4	0
7/1/2015	1:00:00	28.0213	33.4608	16.7373	11.7153	28.1813	4	0
7/1/2015	2:00:01	27.7375	30.9379	13.6424	16.9548	27.3645	4	0
7/1/2015	3:00:01	27.5193	28.6016	13.6403	16.2351	28.1813	4	0
7/1/2015	4:00:00	27.2087	26.8614	12.989	11.4019	28.1813	4	0
7/1/2015	5:00:01	27.0097	25.4594	13.5073	19.1615	28.1813	4	0
7/1/2015	6:00:01	26.7499	24.3988	12.1759	3.91496	28.1813	4	0
7/1/2015	7:00:00	26.6575	23.3494	14.6799	14.779	27.9771	4	0
7/1/2015	8:00:01	26.4652	21.7901	11.1337	16.7737	27.7729	4	0
7/1/2015	9:00:01	26.3635	19.3123	11.8285	14.7947	27.7729	4	0
7/1/2015	10:00:00	26.0622	17.7607	14.8078	18.376	27.7729	4	0
7/1/2015	11:00:00	25.5026	15.6671	12.9546	14.9838	27.5687	4	0
7/1/2015	12:00:01	25.1142	14.248	20.5031	22.0278	27.7729	4	0
7/1/2015	13:00:00	25.1142	14.248	20.5031	20.6466	27.1602	4	0
7/1/2015	14:00:00	23.5647	15.3304	21.2829	30.2581	26.956	4	0
7/1/2015	15:00:01	22.6308	15.7648	18.8791	13.8198	27.3645	4	0
7/1/2015	16:00:01	22.0523	16.4625	22.0197	28.2333	27.5687	4	0
7/1/2015	17:00:00	21.326	16.5015	15.0888	18.9026	27.7729	4	0
7/1/2015	18:00:00	20.8631	16.8398	17.0185	16.8054	27.3645	4	0
7/1/2015	19:00:01	20.9259	18.3758	34.5823	32.8713	28.5897	4	0
7/1/2015	20:00:00	20.7306	19.7769	29.2106	30.9233	28.5897	4	0
7/1/2015	21:00:00	19.9374	20.8402	25.3019	23.1515	28.9982	4	0
7/1/2015	22:00:01	19.298	21.1399	19.079	14.8546	29.815	4	0
7/1/2015	23:00:01	18.4953	21.5885	18.1595	28.6615	30.0192	4	0
7/2/2015	0:00:01	17.8131	21.7149	21.8477	12.5825	29.815	4	0
7/2/2015	1:00:01	17.5648	20.8189	11.1941	9.95645	30.0192	4	0
7/2/2015	2:00:00	17.3153	19.7362	7.72026	8.49045	30.2234	4	0
7/2/2015	3:00:00	16.9848	18.7305	6.90357	8.0252	29.815	4	0
7/2/2015	4:00:01	16.7798	17.6429	8.47935	10.9295	30.2234	4	0
7/2/2015	5:00:01	16.5817	17.164	9.14134	10.2549	30.0192	4	0
7/2/2015	6:00:00	16.6	16.7933	11.6968	10.8308	30.0192	4	0
7/2/2015	7:00:01	16.6111	15.0692	11.9795	13.976	29.815	4	0

7/2/2015	8:00:01	16.7684	13.8185	13.534	19.5622	30.2234	4	0
7/2/2015	9:00:00	16.9332	12.9115	13.8318	11.1561	30.0192	4	0
7/2/2015	10:00:00	17.002	12.603	15.181	14.8698	29.6108	4	0
7/2/2015	11:00:01	17.3386	12.6791	18.5563	14.0669	29.6108	4	0
7/2/2015	12:00:00	17.2619	12.3198	17.7461	17.7836	29.4066	4	0
7/2/2015	13:00:01	17.1213	12.8837	17.919	19.6239	29.6108	4	0
7/2/2015	14:00:00	17.0236	13.7648	18.2223	15.2842	29.4066	4	0
7/2/2015	15:00:00	17.1024	14.839	19.4646	16.743	28.5897	4	0
7/2/2015	16:00:01	16.904	15.6206	18.7108	20.1304	29.2024	4	0
7/2/2015	17:00:00	17.0087	16.3192	17.8949	18.8416	29.4066	4	0
7/2/2015	18:00:00	17.1285	16.9947	20.2628	24.6747	29.6108	4	0
7/2/2015	19:00:01	16.3355	17.4236	18.9319	17.7422	30.0192	4	0
7/2/2015	20:00:01	15.8419	17.8034	19.0128	23.8072	30.2234	4	0
7/2/2015	21:00:00	15.4967	18.1502	19.1603	21.908	31.2445	4	0
7/2/2015	22:00:01	15.3735	18.2349	15.9023	20.4277	31.2445	4	0
7/2/2015	23:00:01	15.2129	17.9389	15.2809	13.6331	31.2445	4	0
7/3/2015	0:00:00	14.7315	17.3652	10.7981	10.2325	31.6529	4	0
7/3/2015	1:00:00	14.6671	16.7108	9.67287	9.69575	31.2445	4	0
7/3/2015	2:00:01	14.8066	16.1613	11.3353	11.4815	32.2656	4	0
7/3/2015	3:00:01	14.9127	15.3898	9.86779	8.1436	31.6529	4	0
7/3/2015	4:00:00	14.9344	14.6379	9.39021	10.0206	31.6529	4	0
7/3/2015	5:00:01	14.9476	13.974	9.46862	10.3815	31.8571	4	0
7/3/2015	6:00:01	14.9509	13.297	11.519	14.9834	31.6529	4	0
7/3/2015	7:00:00	15.1951	13.0727	14.7731	19.688	30.8361	4	0
7/3/2015	8:00:00	15.434	12.9749	16.9125	19.898	30.4276	4	0
7/3/2015	9:00:01	15.7333	12.9221	17.4251	17.2024	29.6108	4	0
7/3/2015	10:00:00	15.9652	13.2192	19.1441	22.0996	30.2234	4	0
7/3/2015	11:00:00	15.9844	13.5581	20.0914	21.9097	30.4276	4	0
7/3/2015	12:00:01	16.0985	14.277	19.0666	22.8508	30.4276	4	0
7/3/2015	13:00:01	16.2289	15.211	21.0798	23.787	30.8361	4	0
7/3/2015	14:00:00	16.4046	16.05	21.0216	18.7039	30.4277	4	0
7/3/2015	15:00:00	16.3766	16.773	18.7594	20.1341	30.2234	4	0
7/3/2015	16:00:01	16.3887	17.5668	19.194	22.3352	30.6319	4	0
7/3/2015	17:00:00	16.4593	18.4415	20.802	22.5023	31.0403	4	0
7/3/2015	18:00:00	16.6716	19.6019	26.0941	40.6004	30.4277	4	0
7/3/2015	19:00:01	16.6934	20.1276	23.8791	22.9802	32.0613	4	0

7/3/2015	20:00:01	17	21.032	29.9269	30.0098	32.0613	4	0
7/3/2015	21:00:00	17.3069	21.8504	27.6151	31.0599	32.674	4	0
7/3/2015	22:00:01	18.1338	23.2981	36.6939	52.319	33.0824	4	0
7/3/2015	23:00:01	19.497	25.7118	49.7403	39.4841	33.695	4	0
7/4/2015	0:00:00	19.497	25.7118	49.7403	35.7338	34.3077	4	0
7/4/2015	1:00:00	21.6158	28.4396	27.6527	28.2724	34.3077	4	0
7/4/2015	2:00:01	22.3965	29.2779	30.8769	37.418	34.7161	4	0
7/4/2015	3:00:01	23.0796	29.9942	27.4753	24.9406	35.533	4	0
7/4/2015	4:00:00	23.6322	30.33	22.201	23.3951	34.9203	4	0
7/4/2015	5:00:01	24.2888	30.7995	26.5343	37.5388	35.7372	4	0
7/4/2015	6:00:01	24.9692	30.9082	24.1446	21.7324	35.3288	4	0
7/4/2015	7:00:00	25.5425	31.1003	21.411	22.2505	34.3077	4	0
7/4/2015	8:00:00	25.9751	30.6966	22.0335	22.6731	34.3077	4	0
7/4/2015	9:00:01	25.6998	29.2431	10.2017	13.8846	34.3077	4	0
7/4/2015	10:00:00	25.7037	27.6281	16.6021	27.1429	34.1035	4	0
7/4/2015	11:00:00	25.6762	24.8856	17.0158	20.5432	34.1035	4	0
7/4/2015	12:00:01	25.6328	22.5744	18.9905	18.215	34.1035	4	0
7/4/2015	13:00:01	25.7779	22.1936	23.521	24.428	34.5119	4	0
7/4/2015	14:00:00	25.9903	21.6504	25.0399	30.3537	34.1035	4	0
7/4/2015	15:00:00	26.4836	21.7746	29.6971	35.2786	34.5119	4	0
7/4/2015	16:00:01	26.7008	21.8739	24.136	23.2947	33.695	4	0
7/4/2015	17:00:00	26.7587	21.3863	21.5231	27.1597	34.1035	4	0
7/4/2015	18:00:00	26.6905	21.3299	24.1825	28.0511	34.7161	4	0
7/4/2015	19:00:01	26.696	21.9523	32.2658	35.2779	34.7161	4	0
7/4/2015	20:00:01	26.8359	23.2688	40.4986	41.9961	35.9414	4	0
7/4/2015	21:00:00	27.9049	26.9904	55.8362	66.7854	36.1456	4	0
7/4/2015	22:00:01	29.8957	32.7217	85.6089	135.61	36.9625	4	0
7/4/2015	23:00:01	31.8717	39.5159	99.1857	50.6518	37.9835	4	0
7/5/2015	0:00:00	32.7235	43.4746	67.0997	96.7177	38.8004	4	0
7/5/2015	1:00:00	34.4888	47.457	71.8071	53.4742	39.6172	4	0
7/5/2015	2:00:01	35.4685	50.0107	55.9078	50.3028	39.8214	4	0
7/5/2015	3:00:01	36.4354	51.8655	51.2304	47.7775	40.4341	4	0
7/5/2015	4:00:00	37.1246	53.1603	38.9145	38.0198	40.8425	4	0
7/5/2015	5:00:01	37.5171	54.4355	36.0537	37.3736	40.6383	4	0
7/5/2015	6:00:01	37.9269	55.2425	30.2629	31.5979	40.8425	4	0
7/5/2015	7:00:00	38.9093	56.1049	34.1527	38.5071	39.6172	4	0

7/5/2015	8:00:00	39.355	55.2629	25.1324	25.5127	39.6172	4	0
7/5/2015	9:00:01	40.4379	53.4378	31.6313	30.5808	39.2088	4	0
7/5/2015	10:00:01	41.698	49.8907	41.7878	37.1895	38.5961	4	0
7/5/2015	11:00:00	43.2797	45.8241	51.4303	43.3502	39.2088	4	0
7/5/2015	12:00:00	44.4475	43.9521	46.815	44.47	39.413	4	0
7/5/2015	13:00:01	46.3582	43.3155	64.8857	72.2704	39.0046	4	0
7/5/2015	14:00:00	47.8812	43.477	59.2289	56.7174	39.0046	4	0
7/5/2015	15:00:00	48.8265	43.4241	53.2561	59.7661	39.2088	4	0
7/5/2015	16:00:01	50.3837	45.3227	64.7393	62.1745	39.2088	4	0
7/5/2015	17:00:01	52.1579	47.5096	63.5704	53.2683	39.6172	4	0
7/5/2015	18:00:00	54.1	50.9324	73.7513	101.957	39.413	4	0
7/5/2015	19:00:01	55.9081	54.6322	82.1015	51.8978	40.0256	4	0
7/5/2015	20:00:01	55.6511	56.158	51.7951	79.1882	41.2509	4	0
7/5/2015	21:00:00	55.0537	57.3027	48.2688	59.1733	41.4551	4	0
7/5/2015	22:00:00	53.487	58.0109	50.6195	54.4313	41.2509	4	0
7/5/2015	23:00:01	51.5099	58.2643	54.2154	57.6486	41.6593	4	0
7/6/2015	0:00:01	50.8823	58.9151	54.5979	61.5588	42.0677	4	0
7/6/2015	1:00:00	50.3783	58.4347	52.8908	63.067	42.0678	4	0
7/6/2015	2:00:01	51.1103	60.0453	80.2656	66.0243	42.0678	4	0
7/6/2015	3:00:01	51.267	60.4965	58.9214	57.0382	42.6804	4	0
7/6/2015	4:00:00	51.7546	59.4698	49.712	63.2525	42.6804	4	0
7/6/2015	5:00:00	52.9174	59.616	62.3108	83.1424	42.272	4	0
7/6/2015	6:00:01	54.908	59.8489	70.6658	59.3805	41.8635	4	0
7/6/2015	7:00:00	56.278	58.2547	56.4134	64.8523	41.6593	4	0
7/6/2015	8:00:00	57.5293	58.2307	48.6013	44.7619	41.4551	4	0
7/6/2015	9:00:01	58.4043	58.3278	47.8831	51.2983	41.8635	4	0
7/6/2015	10:00:01	59.2866	58.8431	53.2129	53.4035	41.2509	4	0
7/6/2015	11:00:00	59.3804	58.5657	51.2524	47.3891	41.0467	4	0
7/6/2015	12:00:00	59.5516	57.9921	48.1094	54.8863	40.8425	4	0
7/6/2015	13:00:01	57.1785	55.4201	37.1722	34.0361	42.4762	4	0
7/6/2015	14:00:00	56.9261	52.0006	30.9869	72.4125	41.4551	4	0
7/6/2015	15:00:00	58.162	53.3494	72.7149	104.363	40.6383	4	0
7/6/2015	16:00:01	59.095	56.3963	88.5951	56.3551	41.0467	4	0
7/6/2015	17:00:01	59.5095	57.4915	80.8234	96.748	41.2509	4	0
7/6/2015	18:00:00	60.6004	59.8838	101.887	106.651	41.4551	4	0
7/6/2015	19:00:01	59.214	60.1894	71.5423	11.932	41.8635	4	0

7/6/2015	20:00:01	59.1195	60.2377	48.0113	59.6886	41.8635	4	0
7/6/2015	21:00:00	60.1468	62.3575	72.4035	43.8093	42.272	4	0
7/6/2015	22:00:00	57.9773	58.2054	5.9993	-5.95169	42.6804	4	0
7/6/2015	23:00:01	56.0854	54.8702	10.8746	26.1073	42.272	4	0
7/7/2015	0:00:01	54.6399	52.6232	19.499	13.5516	42.272	4	0
7/7/2015	1:00:00	53.622	51.9891	30.1039	18.7908	42.4762	4	0
7/7/2015	2:00:01	51.2795	51.4835	23.8298	22.9018	42.4762	4	0
7/7/2015	3:00:01	49.1808	46.3695	9.54633	6.01915	42.4762	4	0
7/7/2015	4:00:00	46.8784	39.3227	6.46483	1.37933	43.0888	4	0
7/7/2015	5:00:00	44.6178	33.7386	13.1909	15.5123	43.7015	4	0
7/7/2015	6:00:01	41.9574	26.3799	11.7248	-3.64558	43.293	4	0
7/7/2015	7:00:00	40.3091	21.8586	15.6031	24.8356	43.7015	4	0
7/7/2015	8:00:00	39.5128	20.2408	27.2204	36.3306	43.7015	4	0
7/7/2015	9:00:00	38.8481	16.722	27.9385	23.8389	43.4973	4	0
7/7/2015	10:00:01	38.0295	18.6296	28.1282	30.5648	42.8846	4	0
7/7/2015	11:00:00	37.2142	19.9159	25.1056	26.8333	43.0888	4	0
7/7/2015	12:00:00	36.5139	20.7259	28.8468	29.3117	42.8846	4	0
7/7/2015	13:00:01	36.5553	21.2742	36.1124	39.4044	43.293	4	0
7/7/2015	14:00:01	37.6216	23.6824	51.5146	45.6257	42.6804	4	0
7/7/2015	15:00:02	36.0712	25.8434	36.3	33.8753	42.8846	4	0
7/7/2015	16:00:00	33.5705	27.6092	28.6055	30.3993	42.4762	4	0
7/7/2015	17:00:01	31.4425	28.8413	28.3665	25.7005	43.293	4	0
7/7/2015	18:00:01	28.5437	30.3924	31.243	23.6126	43.0888	4	0
7/7/2015	19:00:00	26.5221	31.0765	26.4143	23.1391	44.5183	4	0
7/7/2015	20:00:01	25.7869	31.3964	33.7918	26.3498	44.5183	4	0
7/7/2015	21:00:01	23.5437	30.5327	19.168	11.2385	44.9267	4	0
7/7/2015	22:00:01	23.6776	29.0316	10.6619	10.971	44.7225	4	0
7/7/2015	23:00:00	23.5071	27.6035	8.68641	11.633	45.3352	4	0
7/8/2015	0:00:01	23.0693	26.0064	9.53587	9.23035	45.1309	4	0
7/8/2015	1:00:01	22.2319	23.8468	9.08519	11.3241	44.7225	4	0
7/8/2015	2:00:00	21.6485	20.4895	9.40508	12.6212	45.1309	4	0
7/8/2015	3:00:00	21.5939	18.2604	8.43768	10.5116	45.3352	4	0
7/8/2015	4:00:01	21.6609	16.5978	7.57057	8.71801	45.5394	4	0
7/8/2015	5:00:00	21.4464	14.9098	6.962	5.4927	45.3352	4	0
7/8/2015	6:00:00	21.3517	13.0956	8.35223	9.19541	44.9267	4	0
7/8/2015	7:00:01	21.178	11.7983	10.0888	14.3032	45.1309	4	0

7/8/2015	8:00:01	20.5645	9.92916	10.8006	16.0852	44.9267	4	0
7/8/2015	9:00:00	20.0309	9.41464	12.6014	20.431	44.7225	4	0
7/8/2015	10:00:00	20.1066	10.8941	28.2157	29.0518	44.1099	4	0
7/8/2015	11:00:01	20.2837	12.4537	27.0331	31.4958	43.7015	4	0
7/8/2015	12:00:00	20.3661	14.2079	30.8141	35.2196	44.5183	4	0
7/8/2015	13:00:00	19.9978	15.6156	25.7687	22.0612	43.4973	4	0
7/8/2015	14:00:01	18.7367	16.5535	21.0992	28.7136	44.1099	4	0
7/8/2015	15:00:01	18.2079	17.7882	23.643	15.2703	44.3141	4	0
7/8/2015	16:00:00	17.7051	18.5188	16.7071	28.7076	44.7225	4	0
7/8/2015	17:00:01	17.4237	19.7145	21.5591	20.8744	44.5183	4	0
7/8/2015	18:00:01	16.8529	20.4372	16.9928	12.8211	44.7225	4	0
7/8/2015	19:00:00	16.3046	20.7004	13.7196	6.58616	44.3141	4	0
7/8/2015	20:00:00	15.4804	20.9681	14.0987	21.2166	44.5183	4	0
7/8/2015	21:00:01	15.218	20.9814	12.2604	9.20214	45.3352	4	0
7/8/2015	22:00:01	15.5734	20.2653	20.4687	20.1039	45.3352	4	0
7/8/2015	23:00:00	16.0023	19.5929	18.3894	18.339	45.1309	4	0
7/9/2015	0:00:01	16.2725	18.3762	16.066	18.727	44.7225	4	0
7/9/2015	1:00:01	16.3524	17.174	11.2871	9.86207	44.9267	4	0
7/9/2015	2:00:00	16.3252	16.1482	8.53584	7.27307	44.9267	4	0
7/9/2015	3:00:00	16.3393	14.9489	9.4477	11.2964	45.5394	4	0
7/9/2015	4:00:01	16.437	14.392	9.98151	10.983	45.5394	4	0
7/9/2015	5:00:00	16.5225	13.3861	9.6859	8.76527	45.1309	4	0
7/9/2015	6:00:00	16.6543	12.9128	11.0843	14.7123	44.9267	4	0
7/9/2015	7:00:01	16.6155	12.479	8.13268	12.5802	45.1309	4	0
7/9/2015	8:00:01	16.7347	12.4219	13.3015	16.973	44.7225	4	0
7/9/2015	9:00:00	16.896	12.6355	14.0198	11.509	44.5183	4	0
7/9/2015	10:00:00	16.349	12.1879	15.3131	9.27687	44.1099	4	0
7/9/2015	11:00:01	15.9168	11.9419	15.0481	18.1673	43.9057	4	0
7/9/2015	12:00:00	15.3063	11.907	15.5403	18.4761	43.9057	4	0
7/9/2015	13:00:00	14.9068	12.2784	15.5856	16.0738	44.3141	4	0
7/9/2015	14:00:01	14.6151	12.7591	14.4206	16.8605	44.3141	4	0
7/9/2015	15:00:01	14.5755	13.8432	22.232	19.3024	43.293	4	0
7/9/2015	16:00:00	14.4781	14.2431	15.1999	11.3631	43.4973	4	0
7/9/2015	17:00:01	14.429	15.1047	19.5791	19.2484	43.293	4	0
7/9/2015	18:00:01	14.5148	15.7962	19.8397	24.4375	43.7015	4	0
7/9/2015	19:00:00	15.1606	17.7004	33.1227	35.2495	44.1099	4	0

7/9/2015	20:00:00	15.3699	18.3181	23.0676	24.8871	44.7225	4	0
7/9/2015	21:00:01	16.2012	19.8873	33.5721	50.3953	45.5394	4	0
7/9/2015	22:00:01	17.3008	22.536	47.0451	42.0624	45.7436	4	0
7/9/2015	23:00:00	18.1046	24.4701	38.8074	33.8699	46.3562	4	0
7/10/2015	0:00:01	18.4873	25.3227	26.0591	23.7069	45.7436	4	0
7/10/2015	1:00:01	19.0722	26.1602	25.1623	30.6149	45.7436	4	0
7/10/2015	2:00:00	20	27.5516	30.7444	26.7886	46.3562	4	0
7/10/2015	3:00:00	20.5067	27.5576	21.7491	24.1242	46.152	4	0
7/10/2015	4:00:01	20.9661	28.1033	22.143	19.1933	46.5604	4	0
7/10/2015	5:00:00	21.3623	28.1214	19.0253	16.5302	46.5604	4	0
7/10/2015	6:00:00	22.2469	29.1685	30.7404	52.6675	46.5604	4	0
7/10/2015	7:00:01	23.5634	29.6957	37.1673	23.733	45.7436	4	0
7/10/2015	8:00:00	24.2502	30.1025	24.7567	21.8441	45.3352	4	0
7/10/2015	9:00:00	24.731	29.1943	19.3075	10.5147	44.7225	4	0
7/10/2015	10:00:00	24.7765	26.481	14.3575	21.5067	44.3141	4	0
7/10/2015	11:00:01	25.1018	25.0726	23.0835	33.9658	44.7225	4	0
7/10/2015	12:00:00	25.2976	24.4219	17.9195	19.2381	44.3141	4	0
7/10/2015	13:00:00	25.4605	23.8897	19.6593	19.4989	44.5183	4	0
7/10/2015	14:00:01	26.1027	23.5863	26.8822	32.1681	44.3141	4	0
7/10/2015	15:00:01	25.9782	23.3808	20.6521	29.822	44.5183	4	0
7/10/2015	16:00:00	26.28	23.2544	20.7356	22.7649	44.5183	4	0
7/10/2015	17:00:01	26.3305	23.3639	21.2753	27.6638	44.5183	4	0
7/10/2015	18:00:01	26.6824	23.3135	33.286	53.2132	45.1309	4	0
7/10/2015	19:00:00	26.6962	23.1485	37.6737	30.6751	45.5394	4	0
7/10/2015	20:00:00	26.5476	22.9723	24.9051	18.3233	45.7436	4	0
7/10/2015	21:00:01	25.9332	23.1025	21.7809	27.8159	45.7436	4	0
7/10/2015	22:00:01	25.0564	24.1842	27.7921	28.3125	46.152	4	0
7/10/2015	23:00:00	24.4014	24.3371	25.4671	22.169	46.7646	4	0
7/11/2015	0:00:01	24.2903	24.8153	22.8656	11.7469	46.152	4	0
7/11/2015	1:00:01	24.0839	24.9708	21.7005	25.7351	47.1731	4	0
7/11/2015	2:00:00	23.7197	24.6655	22.5054	29.3596	46.7646	4	0
7/11/2015	3:00:00	23.6252	24.6884	21.0325	25.5147	47.1731	4	0
7/11/2015	4:00:01	23.3718	24.3615	15.9753	20.7936	46.5604	4	0
7/11/2015	5:00:00	23.3965	24.3117	20.1536	15.0085	47.7857	4	0
7/11/2015	6:00:00	23.2611	23.7155	22.8237	18.9146	45.9478	4	0
7/11/2015	7:00:01	23.0068	23.1695	29.9275	34.3883	46.5604	4	0

7/11/2015	8:00:01	23.3528	23.6757	28.9111	45.6044	45.7436	4	0
7/11/2015	9:00:00	24.0276	24.7346	33.9511	43.2372	46.152	4	0
7/11/2015	10:00:00	24.9732	25.37	34.684	24.8472	45.3352	4	0
7/11/2015	11:00:01	25.4037	26.0272	34.3911	36.3543	46.3562	4	0
7/11/2015	12:00:00	25.5299	25.84	21.2309	19.9703	45.5394	4	0
7/11/2015	13:00:00	25.8721	26.2798	27.1033	63.4869	46.152	4	0
7/11/2015	14:00:01	25.8175	26.4182	24.0941	37.5627	45.3352	4	0
7/11/2015	15:00:01	25.5756	25.8009	13.6695	1.78831	45.3352	4	0
7/11/2015	16:00:00	25.2305	25.4986	13.268	12.5766	45.9478	4	0
7/11/2015	17:00:01	25.0333	24.9478	11.9222	6.42638	45.1309	4	0
7/11/2015	18:00:01	24.3465	24.5537	20.3351	16.09	45.7436	4	0
7/11/2015	19:00:00	23.7271	23.9733	23.957	34.7432	45.9478	4	0
7/11/2015	20:00:01	23.4004	23.0134	17.8246	17.8198	46.3562	4	0
7/11/2015	21:00:00	23.248	21.7311	18.8521	20.4897	46.152	4	0
7/11/2015	22:00:00	23.0294	20.7686	23.1121	25.4556	46.152	4	0
7/11/2015	23:00:01	22.6484	19.3164	17.0246	12.4504	46.152	4	0
7/12/2015	0:00:01	22.2391	18.6953	13.9977	13.119	46.3562	4	0
7/12/2015	1:00:00	21.9012	17.5461	12.8031	11.7929	46.5604	4	0
7/12/2015	2:00:00	21.5261	16.7298	14.3967	17.9935	46.152	4	0
7/12/2015	3:00:01	21.2274	16.7957	14.4502	12.7148	46.152	4	0
7/12/2015	4:00:00	21.0902	16.8469	14.3287	13.8209	46.5604	4	0
7/12/2015	5:00:00	20.8751	17.1512	15.4782	14.7096	46.7646	4	0
7/12/2015	6:00:01	20.8875	17.3655	22.3964	27.5135	46.3562	4	0
7/12/2015	7:00:01	20.3754	16.8287	17.1164	17.2114	46.5604	4	0
7/12/2015	8:00:00	20.0549	16.8454	15.9114	19.1988	45.5394	4	0
7/12/2015	9:00:00	19.0167	16.086	10.2561	15.044	46.3562	4	0
7/12/2015	10:00:01	18.1646	15.2664	12.8966	8.13525	45.9478	4	0
7/12/2015	11:00:01	17.2572	14.8362	11.4462	22.3991	45.1309	4	0
7/12/2015	12:00:00	16.837	14.5528	10.4002	9.86222	45.1309	4	0
7/12/2015	13:00:00	16.3285	14.7385	15.1317	3.05249	45.5394	4	0
7/12/2015	14:00:01	15.8411	14.5546	12.2081	2.41852	44.7225	4	0
7/12/2015	15:00:01	15.9294	14.5974	14.7505	12.5014	45.1309	4	0
7/12/2015	16:00:00	16.2956	15.2179	22.0722	30.8555	45.1309	4	0
7/12/2015	17:00:01	16.6221	15.5698	20.3509	12.4182	45.1309	4	0
7/12/2015	18:00:01	17.1893	16.5592	35.3156	46.011	44.9267	4	0
7/12/2015	19:00:00	16.8063	16.4823	17.7199	17.0335	45.3352	4	0

7/12/2015	20:00:00	16.5954	16.2938	14.3608	13.6701	45.5394	4	0
7/12/2015	21:00:01	16.4205	16.6863	15.0817	16.6917	46.152	4	0
7/12/2015	22:00:01	16.2183	17.2081	19.7486	19.0621	46.152	4	0
7/12/2015	23:00:00	16.285	17.853	19.4572	15.3127	46.5604	4	0
7/13/2015	0:00:01	16.4878	18.5717	18.8209	26.1959	46.152	4	0
7/13/2015	1:00:01	16.7039	18.8116	17.5117	40.4941	46.152	4	0
7/13/2015	2:00:00	19.4311	24.4637	79.7603	76.9922	46.5604	4	0
7/13/2015	3:00:00	21.4307	28.4731	62.7202	71.0988	46.3562	4	0
7/13/2015	4:00:01	23.7107	32.4115	68.4015	73.9083	46.152	4	0
7/13/2015	5:00:00	25.0461	34.7381	48.474	32.4708	45.9478	4	0
7/13/2015	6:00:00	27.4527	38.4594	77.392	77.8823	46.152	4	0
7/13/2015	7:00:01	26.0997	35.9933	-3.81854	-1.51003	47.5815	4	0
7/13/2015	8:00:01	26.4613	36.7806	21.6527	29.9621	46.9689	4	0
7/13/2015	9:00:00	27.4009	38.213	30.6197	27.4469	47.3773	4	0
7/13/2015	10:00:00	28.6175	39.885	34.3237	36.5335	45.9478	4	0
7/13/2015	11:00:01	29.5942	41.0909	32.2928	43.8352	45.9478	4	0
7/13/2015	12:00:00	31.7362	44.5996	59.6614	45.2596	45.9478	4	0
7/13/2015	13:00:00	33.864	48.5072	60.6284	63.4967	45.5394	4	0
7/13/2015	14:00:01	35.8737	46.7519	60.7559	41.9727	46.152	4	0
7/13/2015	15:00:01	37.1434	44.9489	38.5525	37.93	45.1309	4	0
7/13/2015	16:00:00	38.6178	43.9412	59.1912	64.1976	45.1309	4	0
7/13/2015	17:00:01	37.1184	39.221	3.05895	5.60984	46.152	4	0
7/13/2015	18:00:01	37.9465	37.0926	49.5539	26.6567	45.5394	4	0
7/13/2015	19:00:00	38.3785	39.9962	33.4827	14.1975	46.3562	4	0
7/13/2015	20:00:00	37.9119	38.2508	-1.21329	35.3063	45.9478	4	0
7/13/2015	21:00:01	38.0035	37.0723	16.6406	-39.236	45.9478	4	0
7/13/2015	22:00:01	37.5392	35.3839	18.846	15.8525	47.1731	4	0
7/13/2015	23:00:00	37.1639	33.7087	12.9867	7.55854	47.5815	4	0
7/14/2015	0:00:01	37.008	30.0222	14.1473	17.6298	46.5604	4	0
7/14/2015	1:00:01	36.8351	26.2895	15.097	15.2714	46.9689	4	0
7/14/2015	2:00:00	34.0537	22.521	14.6157	16.3064	47.1731	4	0
7/14/2015	3:00:00	32.1797	20.9503	18.8081	22.6239	47.3773	4	0
7/14/2015	4:00:01	30.1307	17.7671	19.0952	20.0272	47.1731	4	0
7/14/2015	5:00:00	29.0314	19.3576	22.2599	19.7583	47.1731	4	0
7/14/2015	6:00:00	26.996	17.4413	24.7894	34.8772	47.1731	4	0
7/14/2015	7:00:01	28.4493	16.9916	26.7614	25.868	46.9689	4	0

7/14/2015	8:00:01	28.5746	18.9713	21.6014	21.4317	46.152	4	0
7/14/2015	9:00:00	27.9207	18.7809	13.8386	14.7935	46.152	4	0
7/14/2015	10:00:00	27.146	18.5314	16.0831	24.5631	46.3562	4	0
7/14/2015	11:00:01	26.6377	19.069	19.3164	23.4487	45.9478	4	0
7/14/2015	12:00:00	24.8876	19.3848	18.3434	16.0419	46.5604	4	0
7/14/2015	13:00:00	23.0363	19.3242	13.8485	7.2393	45.7436	4	0
7/14/2015	14:00:01	21.2808	19.5891	17.8418	27.107	46.152	4	0
7/14/2015	15:00:01	20.2008	19.029	12.7295	17.7745	46.152	4	0
7/14/2015	16:00:00	18.3178	18.5566	14.2952	18.3893	45.9478	4	0
7/14/2015	17:00:01	18.4886	17.2716	7.34392	5.05989	45.7436	4	0
7/14/2015	18:00:01	16.8243	16.0501	11.2227	13.5293	46.152	4	0
7/14/2015	19:00:01	16.153	15.4298	20.975	18.412	46.9689	4	0
7/14/2015	20:00:00	16.7229	14.7801	14.2528	14.3803	47.7857	4	0
7/14/2015	21:00:01	16.3258	14.3261	9.10588	3.21713	47.7857	4	0
7/14/2015	22:00:01	15.8528	13.7042	8.94473	11.1973	47.9899	4	0
7/14/2015	23:00:00	15.3799	12.2967	2.09117	5.71019	48.6026	4	0
7/15/2015	0:00:00	14.8317	10.9391	1.88283	4.25309	48.3983	4	0
7/15/2015	1:00:01	14.7003	10.851	12.6198	1.81248	48.3983	4	0
7/15/2015	2:00:00	14.3086	9.92989	6.55985	8.65233	48.8068	4	0
7/15/2015	3:00:01	13.8657	9.55293	7.68905	8.29136	48.6026	4	0
7/15/2015	4:00:00	13.4823	9.23323	10.0743	18.4619	48.8068	4	0
7/15/2015	5:00:00	13.1541	9.81867	14.3073	17.7808	48.3983	4	0
7/15/2015	6:00:01	12.835	10.1873	14.7232	5.85315	47.9899	4	0
7/15/2015	7:00:01	12.3801	9.62053	12.9788	11.776	47.9899	4	0
7/15/2015	8:00:00	12.1801	9.70252	14.5006	18.3747	47.5815	4	0
7/15/2015	9:00:00	12.3714	10.3889	16.9066	19.0877	47.1731	4	0
7/15/2015	10:00:01	12.6538	11.4804	21.8186	27.4775	46.5604	4	0
7/15/2015	11:00:01	13.2742	14.0744	32.6613	29.2788	46.3562	4	0
7/15/2015	12:00:00	13.1527	15.1741	14.922	18.4399	46.152	4	0
7/15/2015	13:00:01	13.3658	15.6417	18.1648	16.573	46.5604	4	0
7/15/2015	14:00:01	13.6852	17.1723	24.7877	25.6588	46.3562	4	0
7/15/2015	15:00:00	13.9274	18.0464	18.3129	26.0519	46.5604	4	0
7/15/2015	16:00:01	14.0267	18.5811	17.3641	14.7921	46.152	4	0
7/15/2015	17:00:01	14.7534	19.4009	24.3804	23.7553	46.152	4	0
7/15/2015	18:00:02	15.5538	20.7089	31.824	96.3362	46.9689	4	0
7/15/2015	19:00:00	15.7353	21.7431	26.3968	8.93083	47.5815	4	0

7/15/2015	20:00:01	15.3312	20.9733	7.53804	10.3131	47.9899	4	0
7/15/2015	21:00:01	15.1835	20.085	7.5483	6.10796	48.6026	4	0
7/15/2015	22:00:00	15.3519	19.3951	13.6893	9.51405	49.011	4	0
7/15/2015	23:00:01	15.769	17.7608	12.5397	16.5813	49.011	4	0
7/16/2015	0:00:01	16.2929	17.7549	14.5864	11.402	48.6026	4	0
7/16/2015	1:00:00	16.6686	18.1222	22.6414	33.7696	49.011	4	0
7/16/2015	2:00:00	17.0286	17.3566	14.4557	17.8841	48.6025	4	0
7/16/2015	3:00:01	17.3805	17.2149	16.0486	19.8539	49.011	4	0
7/16/2015	4:00:00	17.6404	17.1462	15.8901	16.7921	48.1941	4	0
7/16/2015	5:00:00	17.69	16.4896	16.0496	16.8832	48.6025	4	0
7/16/2015	6:00:01	17.857	15.4845	19.1801	20.4067	48.6026	4	0
7/16/2015	7:00:01	18.1688	14.9866	19.5858	26.3113	48.6026	4	0
7/16/2015	8:00:00	18.4275	15.9785	18.6269	25.1537	48.1941	4	0
7/16/2015	9:00:00	18.689	17.2076	21.7892	11.8943	48.1941	4	0
7/16/2015	10:00:01	19.3337	19.0616	35.1878	41.5325	47.9899	4	0
7/16/2015	11:00:00	19.544	21.0728	36.2851	46.1414	48.1941	4	0
7/16/2015	12:00:00	20.5357	22.9483	35.8234	24.1828	47.7857	4	0
7/16/2015	13:00:01	21.017	23.3561	26.2972	43.0371	47.3773	4	0
7/16/2015	14:00:01	21.7672	25.621	41.0367	57.9758	47.1731	4	0
7/16/2015	15:00:00	23.3955	28.9861	56.1701	70.3989	47.7857	4	0
7/16/2015	16:00:01	25.2628	32.8567	63.7468	83.0255	47.5815	4	0
7/16/2015	17:00:00	26.5796	36.2718	60.4415	39.6272	47.9899	4	0
7/16/2015	18:00:01	26.3656	36.8806	27.5092	14.2769	48.1941	4	0
7/16/2015	19:00:01	26.2399	37.1249	21.5315	24.316	48.1941	4	0
7/16/2015	20:00:00	29.5153	42.765	87.841	139.01	48.3983	4	0
7/16/2015	21:00:01	32.8965	48.3153	88.5865	82.8907	48.3983	4	0
7/16/2015	22:00:01	34.8495	50.4251	61.2096	38.764	49.011	4	0
7/16/2015	23:00:00	35.8898	50.5236	37.9017	13.9861	48.3983	4	0
7/17/2015	0:00:00	36.3693	49.6852	24.6059	37.1606	48.1941	4	0
7/17/2015	1:00:01	36.6069	49.8754	27.422	8.53895	48.3983	4	0
7/17/2015	2:00:00	36.3529	47.3133	12.7287	10.0473	49.011	4	0
7/17/2015	3:00:00	36.8146	44.9785	27.4096	21.7709	49.2152	4	0
7/17/2015	4:00:01	37.3083	42.0455	27.7772	39.1089	48.8068	4	0
7/17/2015	5:00:01	38.1566	40.2373	40.6356	28.5102	48.6026	4	0
7/17/2015	6:00:00	39.8014	42.6397	53.2776	84.0847	48.6026	4	0
7/17/2015	7:00:00	42.0512	46.6624	64.9869	32.2085	47.9899	4	0

7/17/2015	8:00:01	42.2113	41.1148	21.6612	28.8349	47.7857	4	0
7/17/2015	9:00:00	42.8095	36.4664	32.0524	46.8518	48.1941	4	0
7/17/2015	10:00:00	42.9245	34.3451	35.5994	47.8797	47.9899	4	0
7/17/2015	11:00:01	42.8418	34.0208	34.4611	40.9699	47.9899	4	0
7/17/2015	12:00:01	43.4507	35.9767	46.8419	50.5289	46.9689	4	0
7/17/2015	13:00:00	44.1859	37.0269	38.1331	41.7177	46.9689	4	0
7/17/2015	14:00:01	43.7261	38.5994	32.6491	25.5933	47.1731	4	0
7/17/2015	15:00:01	43.0592	40.0114	48.2087	51.3381	47.7857	4	0
7/17/2015	16:00:00	40.9472	38.4733	6.41212	-17.0046	47.5815	4	0
7/17/2015	17:00:00	39.432	37.1664	26.8229	17.5328	47.3773	4	0
7/17/2015	18:00:01	39.8875	35.864	39.2381	51.822	47.1731	4	0
7/17/2015	19:00:01	40.3667	33.4529	39.712	83.0293	47.3773	4	0
7/17/2015	20:00:00	37.5264	33.8293	29.776	64.3404	47.7857	4	0
7/17/2015	21:00:01	34.4507	32.6561	19.4008	0.46469	49.011	4	0
7/17/2015	22:00:01	32.4008	30.8836	15.0993	-0.450929	49.011	4	0
7/17/2015	23:00:00	33.1219	32.6908	55.8244	28.6488	49.4194	4	0
7/18/2015	0:00:00	33.7453	32.1629	39.585	22.9806	48.3983	4	0
7/18/2015	1:00:01	33.176	30.3642	17.029	59.1296	48.8068	4	0
7/18/2015	2:00:00	36.7261	35.8992	98.3816	119.436	49.011	4	0
7/18/2015	3:00:00	37.4826	35.8292	46.939	42.4441	49.8278	4	0
7/18/2015	4:00:00	38.3729	39.4458	50.1808	78.5371	48.8068	4	0
7/18/2015	5:00:01	38.6351	41.1393	45.5762	30.3254	49.4194	4	0
7/18/2015	6:00:00	39.2707	43.38	61.1114	84.581	49.011	4	0
7/18/2015	7:00:00	37.8154	42.6065	29.7387	30.1128	47.9899	4	0
7/18/2015	8:00:01	38.569	43.2966	35.7738	34.5563	47.9899	4	0
7/18/2015	9:00:01	38.5132	44.1661	28.9361	27.2114	48.6026	4	0
7/18/2015	10:00:00	38.4468	45.6453	31.6641	27.7115	47.7857	4	0
7/18/2015	11:00:01	39.2655	45.1398	45.9324	102.431	47.3773	4	0
7/18/2015	12:00:01	39.326	45.9566	52.6044	26.6728	47.7857	4	0
7/18/2015	13:00:00	39.6035	48.2182	44.4708	53.381	47.3773	4	0
7/18/2015	14:00:00	40.8653	45.0514	62.4792	54.1226	47.7857	4	0
7/18/2015	15:00:01	40.7112	44.7282	43.7368	33.4561	47.7857	4	0
7/18/2015	16:00:01	42.4592	44.4779	48.6168	10.5826	47.9899	4	0
7/18/2015	17:00:00	42.2095	42.3619	21.8125	33.9229	47.5815	4	0
7/18/2015	18:00:01	42.1653	40.3771	38.3348	48.626	47.9899	4	0
7/18/2015	19:00:01	40.5353	38.1937	6.82069	6.36301	48.6026	4	0

7/18/2015	20:00:00	39.3402	35.5693	6.9106	17.3747	48.3983	4	0
7/18/2015	21:00:00	39.0678	34.4411	16.9787	22.8961	48.3983	4	0
7/18/2015	22:00:01	39.1731	33.3537	18.6245	34.3436	48.6026	4	0
7/18/2015	23:00:00	37.5692	31.1676	19.5423	13.2157	49.2152	4	0
7/19/2015	0:00:00	36.5823	28.2166	16.2589	23.1094	49.011	4	0
7/19/2015	1:00:01	36.7207	26.2058	18.8865	19.9406	49.011	4	0
7/19/2015	2:00:01	33.249	22.3887	15.4505	12.5252	49.4194	4	0
7/19/2015	3:00:00	31.8521	19.9602	13.6935	13.0596	49.011	4	0
7/19/2015	4:00:00	30.3667	17.3317	16.4446	18.6316	49.2152	4	0
7/19/2015	5:00:01	29.1049	16.9653	17.5216	13.9313	49.011	4	0
7/19/2015	6:00:00	27.5377	15.6825	21.7324	30.8699	49.4194	4	0
7/19/2015	7:00:00	27.257	16.9133	21.1057	19.6489	48.8068	4	0
7/19/2015	8:00:01	26.5875	17.7573	16.0628	2.44517	48.6026	4	0
7/19/2015	9:00:01	25.744	16.8756	5.53577	-10.0738	48.6025	4	0
7/19/2015	10:00:00	24.8879	16.1897	10.3475	-1.02668	47.7857	4	0
7/19/2015	11:00:01	23.6335	15.7511	14.1948	-4.06477	47.9899	4	0
7/19/2015	12:00:01	22.3631	16.1771	21.5258	39.5347	48.6026	4	0
7/19/2015	13:00:00	20.9991	15.5953	12.4849	23.3446	48.8068	4	0
7/19/2015	14:00:01	19.4544	16.3039	23.7538	19.3051	47.9899	4	0
7/19/2015	15:00:01	18.5988	16.976	21.2926	25.7757	47.9899	4	0
7/19/2015	16:00:01	16.6555	15.7524	2.35891	-0.53531	48.3983	4	0
7/19/2015	17:00:00	15.9928	14.8003	6.90714	27.5127	48.3983	4	0
7/19/2015	18:00:01	14.9144	13.9559	11.7496	11.5858	48.8068	4	0
7/19/2015	19:00:01	15.6046	14.2671	26.1952	37.3388	48.6026	4	0
7/19/2015	20:00:00	15.8815	14.2069	16.5186	6.00816	49.8278	4	0
7/19/2015	21:00:01	15.8283	15.0998	16.7585	19.7052	49.6236	4	0
7/19/2015	22:00:01	15.6513	15.4573	14.7683	16.4584	50.032	4	0
7/19/2015	23:00:00	15.4427	15.5096	14.7293	24.0631	50.2362	4	0
7/20/2015	0:00:00	15.1267	14.4995	9.20582	7.11617	50.2362	4	0
7/20/2015	1:00:01	15.1553	15.0846	19.2179	22.4392	50.2362	4	0
7/20/2015	2:00:00	14.8296	13.8014	7.96583	11.1307	50.4405	4	0
7/20/2015	3:00:00	14.8296	13.8014	7.96583	24.5538	50.2363	4	0
7/20/2015	4:00:01	14.5147	13.7187	12.6901	13.6106	50.4405	4	0
7/20/2015	5:00:01	14.3603	14.3061	14.0606	1.99023	50.8489	4	0
7/20/2015	6:00:00	14.8895	16.0578	30.8737	27.4841	49.4194	4	0
7/20/2015	7:00:00	15.0986	15.9929	24.3475	27.1825	49.4194	4	0

7/20/2015	8:00:01	15.9878	17.6175	34.7989	36.2068	48.6026	4	0
7/20/2015	9:00:00	16.6179	17.8889	19.8404	-15.9512	48.6026	4	0
7/20/2015	10:00:00	17.9738	20.1612	41.6961	52.7879	48.6026	4	0
7/20/2015	11:00:01	18.5989	21.2822	27.6785	48.1799	48.6026	4	0
7/20/2015	12:00:01	19.11	23.2835	32.8605	54.6975	48.1941	4	0
7/20/2015	13:00:00	20.9473	26.3268	55.9025	61.985	47.5815	4	0
7/20/2015	14:00:01	21.3712	28.4596	33.1424	68.9947	47.9899	4	0
7/20/2015	15:00:01	21.6529	30.0552	29.9281	21.578	48.3983	4	0
7/20/2015	16:00:00	22.1278	30.2257	18.3347	21.5319	49.2152	4	0
7/20/2015	17:00:00	23.2072	31.7217	31.3507	23.1748	48.6026	4	0
7/20/2015	18:00:01	23.7034	31.075	23.8125	30.6112	48.3983	4	0
7/20/2015	19:00:01	23.3459	30.5192	18.3263	19.9315	48.6026	4	0
7/20/2015	20:00:00	23.8278	30.0564	31.2045	20.4432	49.4194	4	0
7/20/2015	21:00:01	23.6111	29.4635	14.1763	7.31394	49.2152	4	0
7/20/2015	22:00:01	22.7998	25.6549	-4.4078	-5.65089	49.6236	4	0
7/20/2015	23:00:00	22.4664	23.9675	7.13897	7.11073	49.8278	4	0
7/21/2015	0:00:00	22.3834	21.9705	9.21121	4.86416	50.2363	4	0
7/21/2015	1:00:01	21.9151	18.2007	10.0054	2.58227	50.032	4	0
7/21/2015	2:00:00	21.7882	15.9578	5.40761	-1.18059	50.4405	4	0
7/21/2015	3:00:00	21.6156	14.1173	7.83979	11.0191	50.8489	4	0
7/21/2015	4:00:00	21.3422	13.1845	6.98215	7.07757	50.6447	4	0
7/21/2015	5:00:01	21.1726	11.5318	10.8577	16.0766	51.0531	4	0
7/21/2015	6:00:00	20.5384	10.7267	13.0342	24.7903	50.6447	4	0
7/21/2015	7:00:00	20.1533	10.3649	13.301	9.64961	50.032	4	0
7/21/2015	8:00:01	19.2909	8.69008	10.1331	10.5172	48.8068	4	0
7/21/2015	9:00:01	18.8269	8.16993	7.81052	7.42099	49.011	4	0
7/21/2015	10:00:00	17.3597	8.96358	4.87205	-3.23881	49.011	4	0
7/21/2015	11:00:01	17.4054	10.6991	27.8571	27.6417	48.8068	4	0
7/21/2015	12:00:01	16.7743	11.3735	17.3924	-6.59908	48.6026	4	0
7/21/2015	13:00:00	15.2072	11.9371	16.5705	31.787	48.1941	4	0
7/21/2015	14:00:00	14.3966	12.5869	13.2514	1.25727	48.3983	4	0
7/21/2015	15:00:01	13.8675	13.3064	16.3096	28.501	48.6026	4	0
7/21/2015	16:00:01	13.5113	13.5302	9.75278	18.01	48.3983	4	0
7/21/2015	17:00:00	12.5344	13.2702	8.10097	10.1078	48.3983	4	0
7/21/2015	18:00:01	12.1232	13.3209	13.8672	26.7664	48.3983	4	0
7/21/2015	19:00:01	12.3994	14.3865	28.0086	16.4922	48.8068	4	0

7/21/2015	20:00:00	12.1587	15.7156	27.7395	20.5283	50.2362	4	0
7/21/2015	21:00:00	12.3451	16.6296	19.2531	9.34612	50.2362	4	0
7/21/2015	22:00:01	13.234	17.6541	17.2291	19.7093	50.032	4	0
7/21/2015	23:00:00	13.4374	16.3915	12.2011	4.26598	50.4405	4	0
7/22/2015	0:00:00	13.9553	16.8019	22.4931	19.8197	50.6447	4	0
7/22/2015	1:00:01	14.0795	16.5412	13.1276	5.80511	50.8489	4	0
7/22/2015	2:00:01	14.494	16.7549	15.6328	11.5426	51.0531	4	0
7/22/2015	3:00:00	14.6039	16.317	10.679	16.6212	51.2573	4	0
7/22/2015	4:00:00	14.9816	16.8909	16.827	11.9199	51.2573	4	0
7/22/2015	5:00:01	15.0522	17.2927	13.0486	17.5003	51.6657	4	0
7/22/2015	6:00:00	15.7013	18.4535	25.8122	36.8216	51.0531	4	0
7/22/2015	7:00:00	16.4248	18.5491	26.3473	42.459	49.4194	4	0
7/22/2015	8:00:01	17.351	18.8844	31.4846	18.9364	50.2363	4	0
7/22/2015	9:00:01	18.3795	19.754	27.1821	4.55494	49.2152	4	0
7/22/2015	10:00:00	18.9024	19.6921	16.331	25.1693	48.1941	4	0
7/22/2015	11:00:01	18.6615	20.558	23.7275	18.998	48.8068	4	0
7/22/2015	12:00:01	19.2744	21.2735	31.2654	24.5821	49.011	4	0
7/22/2015	13:00:00	19.6475	22.2866	25.8176	36.565	49.011	4	0
7/22/2015	14:00:00	20.0932	22.8525	21.5375	26.0217	48.6026	4	0
7/22/2015	15:00:01	20.6195	24.4191	30.9899	26.9171	48.8068	4	0
7/22/2015	16:00:01	21.5107	25.5677	31.2647	24.2427	49.011	4	0
7/22/2015	17:00:00	21.9381	26.0101	19.439	41.8894	49.4194	4	0
7/22/2015	18:00:01	22.7271	26.5886	34.4013	51.8065	49.011	4	0
7/22/2015	19:00:01	22.4873	26.3285	25.0852	10.1329	49.8278	4	0
7/22/2015	20:00:00	22.2382	25.6061	24.0622	26.0878	50.032	4	0
7/22/2015	21:00:00	22.6205	25.8201	30.3002	34.0074	50.6447	4	0
7/22/2015	22:00:01	22.9531	26.6224	26.1006	26.3904	50.8489	4	0
7/22/2015	23:00:00	23.3478	26.5374	22.987	34.9871	50.8489	4	0
7/23/2015	0:00:00	23.3591	25.9535	24.2994	12.7292	51.2573	4	0
7/23/2015	1:00:00	23.5003	25.2884	17.9344	23.6665	51.6657	4	0
7/23/2015	2:00:01	23.4665	24.8128	15.4778	16.1652	51.6657	4	0
7/23/2015	3:00:00	23.6388	23.589	15.9411	12.4658	51.2573	4	0
7/23/2015	4:00:00	23.3247	21.898	10.5657	13.1861	51.6657	4	0
7/23/2015	5:00:01	23.2635	21.3	11.7728	14.8083	51.4615	4	0
7/23/2015	6:00:01	23.3236	20.5855	23.3028	19.1288	51.6657	4	0
7/23/2015	7:00:01	23.3241	20.3411	18.8137	9.18859	50.0321	4	0

7/23/2015	8:00:01	22.6263	19.3892	11.2743	6.39583	49.2152	4	0
7/23/2015	9:00:01	21.9741	17.569	7.33251	14.7285	49.2152	4	0
7/23/2015	10:00:00	21.5836	15.9304	7.08087	16.5918	49.4194	4	0
7/23/2015	11:00:01	21.2146	15.1587	13.9853	26.2302	48.6026	4	0
7/23/2015	12:00:01	20.7123	14.7772	20.9204	48.0112	49.2152	4	0
7/23/2015	13:00:02	20.6834	15.2807	24.1513	16.3102	48.8068	4	0
7/23/2015	14:00:00	20.6474	15.6325	19.9204	25.9343	49.011	4	0
7/23/2015	15:00:01	20.4703	16.4725	26.3693	46.2437	49.4194	4	0
7/23/2015	16:00:01	20.0036	17.2729	20.6669	20.5539	48.8068	4	0
7/23/2015	17:00:00	20.0268	17.9245	19.8684	19.3485	49.011	4	0
7/23/2015	18:00:00	20.0872	18.9781	36.9907	87.8714	48.8068	4	0
7/23/2015	19:00:01	20.0703	19.7045	30.1086	23.6616	50.0321	4	0
7/23/2015	20:00:00	19.9523	20.7285	25.6212	23.1615	50.6447	4	0
7/23/2015	21:00:00	19.5152	21.8747	22.3671	20.301	51.4615	4	0
7/23/2015	22:00:01	19.4377	23.3217	24.5614	28.9986	51.4615	4	0
7/23/2015	23:00:01	19.3597	23.9633	21.7466	24.2338	51.8699	4	0
7/24/2015	0:00:00	19.2267	24.0556	22.1741	29.7847	51.8699	4	0
7/24/2015	1:00:00	19.4176	23.9724	22.2675	19.9736	51.6657	4	0
7/24/2015	2:00:01	19.5651	23.987	20.2171	24.9316	52.0742	4	0
7/24/2015	3:00:00	19.6337	23.3757	18.8333	21.8758	52.6868	4	0
7/24/2015	4:00:00	19.9586	23.2663	18.9481	25.4768	52.4826	4	0
7/24/2015	5:00:01	20.1469	23.0163	15.9074	7.21155	52.2784	4	0
7/24/2015	6:00:01	20.6764	22.8545	31.146	24.466	51.4615	4	0
7/24/2015	7:00:00	21.3087	23.0367	29.7028	32.0215	50.8489	4	0
7/24/2015	8:00:00	22.7794	24.5872	42.0762	32.913	50.2363	4	0
7/24/2015	9:00:01	23.7842	25.2187	29.2345	58.3074	50.2363	4	0
7/24/2015	10:00:01	25.8985	27.8408	55.4049	82.4681	49.8278	4	0
7/24/2015	11:00:00	27.7611	30.9201	60.0042	50.9902	50.2363	4	0
7/24/2015	12:00:00	29.3039	33.834	57.5782	46.3789	50.8489	4	0
7/24/2015	13:00:01	30.284	35.8996	47.7849	46.8824	50.0321	4	0
7/24/2015	14:00:01	32.7126	40.5543	74.6154	112.007	50.4405	4	0
7/24/2015	15:00:00	34.6847	45.1145	75.2373	76.6192	50.6447	4	0
7/24/2015	16:00:01	36.9341	49.6992	74.7535	74.6846	50.032	4	0
7/24/2015	17:00:01	38.5467	53.2141	58.8771	62.6689	50.2362	4	0
7/24/2015	18:00:00	39.2544	55.0635	54.7587	50.5625	50.8489	4	0
7/24/2015	19:00:00	40.6713	58.0603	70.441	75.5501	50.8489	4	0

7/24/2015	20:00:01	41.6543	58.8254	55.5686	90.4525	51.87	4	0
7/24/2015	21:00:00	43.2425	61.5912	65.5741	57.5103	51.2573	4	0
7/24/2015	22:00:00	45.5024	63.5918	76.9568	116.388	52.0742	4	0
7/24/2015	23:00:01	47.6706	64.808	73.1163	58.8096	52.2784	4	0
7/25/2015	0:00:01	48.2084	63.0473	36.0581	39.8278	52.0742	4	0
7/25/2015	1:00:00	48.9087	62.3911	38.9449	33.3638	52.0742	4	0
7/25/2015	2:00:00	49.7461	59.7416	42.448	31.6172	52.2784	4	0
7/25/2015	3:00:01	49.9702	55.6217	24.2023	24.0998	52.0742	4	0
7/25/2015	4:00:00	50.3356	51.936	30.2665	35.0015	52.0742	4	0
7/25/2015	5:00:00	50.5016	48.9087	22.5409	25.2598	52.6868	4	0
7/25/2015	6:00:01	50.6047	47.0232	28.7271	27.893	52.0742	4	0
7/25/2015	7:00:01	51.3871	45.1261	45.9376	48.9462	52.0742	4	0
7/25/2015	8:00:01	51.6072	44.0728	40.0171	47.8171	51.6657	4	0
7/25/2015	9:00:01	52.2542	42.0217	39.8274	44.4977	51.6657	4	0
7/25/2015	10:00:00	51.5739	38.8659	40.6945	52.3289	51.4615	4	0
7/25/2015	11:00:01	51.0494	36.3121	41.2776	42.2887	51.2573	4	0
7/25/2015	12:00:01	50.426	36.364	34.4989	37.447	51.0531	4	0
7/25/2015	13:00:01	50.1196	35.9698	32.1874	14.8371	50.4405	4	0
7/25/2015	14:00:00	48.0305	34.3465	23.7795	18.3528	50.0321	4	0
7/25/2015	15:00:01	45.7111	34.2322	25.1403	33.3017	50.6447	4	0
7/25/2015	16:00:01	43.5935	33.4625	20.304	5.6436	50.6447	4	0
7/25/2015	17:00:00	41.4099	32.0329	5.41922	26.9591	50.6447	4	0
7/25/2015	18:00:00	39.7232	31.0255	18.9328	72.2232	50.6447	4	0
7/25/2015	19:00:01	37.3016	28.7913	24.0958	31.403	51.2573	4	0
7/25/2015	20:00:00	35.8146	27.565	28.3821	26.039	51.8699	4	0
7/25/2015	21:00:00	33.958	26.0548	21.4581	25.3917	52.4826	4	0
7/25/2015	22:00:01	31.6301	24.5718	23.397	15.7285	52.2784	4	0
7/25/2015	23:00:00	29.3861	22.945	22.3245	19.3516	52.4826	4	0
7/26/2015	0:00:00	29.3861	22.945	22.3245	33.6555	52.891	4	0
7/26/2015	1:00:00	27.8342	20.8663	16.3786	16.4378	53.2994	4	0
7/26/2015	2:00:01	26.5552	20.0146	13.4234	12.5273	53.7079	4	0
7/26/2015	3:00:00	26.1493	19.2296	15.2446	15.75	54.1163	4	0
7/26/2015	4:00:00	25.601	19.0076	16.9149	18.6541	53.2994	4	0
7/26/2015	5:00:01	25.4042	20.0519	17.9093	36.1598	53.5037	4	0
7/26/2015	6:00:01	25.4891	21.0232	29.6197	36.9106	53.2994	4	0
7/26/2015	7:00:00	25.0093	21.7639	31.4301	17.7557	53.5037	4	0

7/26/2015	8:00:01	24.0613	20.7503	15.3177	14.5907	53.2994	4	0
7/26/2015	9:00:01	23.2766	20.5636	18.018	23.8333	52.891	4	0
7/26/2015	10:00:00	23.2766	20.5636	18.018	25.8376	52.2784	4	0
7/26/2015	11:00:01	22.0277	20.8051	27.3255	18.8392	52.0742	4	0
7/26/2015	12:00:01	21.5391	20.5772	22.7269	21.0044	51.8699	4	0
7/26/2015	13:00:01	20.9257	20.8347	22.206	-64.118	52.6868	4	0
7/26/2015	14:00:00	20.1925	20.2588	7.66582	37.8393	53.2994	4	0
7/26/2015	15:00:01	20.0129	20.6417	19.7036	13.578	53.2994	4	0
7/26/2015	16:00:01	19.2856	19.4172	2.41976	-28.8739	53.9121	4	0
7/26/2015	17:00:00	19.3069	18.3633	5.01452	-6.77286	53.2994	4	0
7/26/2015	18:00:00	18.8786	16.5325	7.71007	8.91069	53.0952	4	0
7/26/2015	19:00:01	18.5912	15.3387	17.506	39.2155	52.891	4	0
7/26/2015	20:00:00	18.0006	15.3698	16.7666	20.9387	53.2994	4	0
7/26/2015	21:00:00	17.7317	15.1593	15.6856	12.977	53.2994	4	0
7/26/2015	22:00:01	17.2761	14.6076	12.5528	23.0758	54.3205	4	0
7/26/2015	23:00:01	16.9982	13.6805	15.6126	16.9704	53.9121	4	0
7/27/2015	0:00:00	16.6716	13.2684	17.4149	15.383	54.3205	4	0
7/27/2015	1:00:00	16.6674	12.7946	16.2258	18.2202	54.1163	4	0
7/27/2015	2:00:01	16.8787	13.7291	19.0379	19.9629	54.3205	4	0
7/27/2015	3:00:00	17.0434	13.6915	18.9432	21.4494	54.7289	4	0
7/27/2015	4:00:00	17.2055	15.2454	21.294	23.7094	54.7289	4	0
7/27/2015	5:00:01	17.3067	16.5135	20.1533	18.2726	55.1374	4	0
7/27/2015	6:00:01	17.1675	17.96	23.8958	21.9866	53.9121	4	0
7/27/2015	7:00:00	17.4183	19.4864	33.867	38.5887	52.891	4	0
7/27/2015	8:00:01	18.4778	21.384	38.2914	34.579	52.2784	4	0
7/27/2015	9:00:01	18.5728	21.6596	17.6715	40.7711	51.87	4	0
7/27/2015	10:00:00	18.5382	22.1413	18.5751	18.9075	52.4826	4	0
7/27/2015	11:00:00	18.3238	22.6248	21.0926	10.6443	52.0742	4	0
7/27/2015	12:00:01	18.2269	22.7967	19.0667	-7.78723	52.4826	4	0
7/27/2015	13:00:00	0	0	0	0	19.8086	1	0
7/27/2015	14:00:01	0	0	0	0	19.196	3	0
7/27/2015	15:00:01	0	0	0	15.6686	19.4002	4	0
7/27/2015	16:00:00	0	0	0	29.992	19.8086	4	0
7/27/2015	17:00:00	0	0	23.3432	23.8743	19.8086	4	0
7/27/2015	18:00:01	0	0	22.2364	27.3767	20.0128	4	0
7/27/2015	19:00:00	0	0	22.1649	20.492	20.217	4	0

7/27/2015	20:00:00	0	0	24.7931	23.4503	20.4212	4	0
7/27/2015	21:00:01	0	0	24.53	20.1946	20.8297	4	0
7/27/2015	22:00:00	0	0	21.4728	32.0644	20.4212	4	0
7/27/2015	23:00:00	0	0	23.1903	25.2803	21.0339	4	0
7/28/2015	0:00:00	0	0	26.2197	25.2217	21.2381	4	0
7/28/2015	1:00:01	0	0	25.7124	19.5127	21.0339	4	0
7/28/2015	2:00:00	0	0	24.7044	26.5451	20.8297	4	0
7/28/2015	3:00:00	0	0	21.1687	17.694	21.4423	4	0
7/28/2015	4:00:01	0	23.0357	20.4575	22.757	21.6465	4	0
7/28/2015	5:00:01	0	23.0737	23.1163	26.9918	21.8507	4	0
7/28/2015	6:00:00	0	23.5299	24.3838	26.4152	21.8507	4	0
7/28/2015	7:00:01	0	23.767	22.5719	27.6835	21.0339	4	0
7/28/2015	8:00:01	0	24.0454	26.5138	43.0431	21.0339	4	0
7/28/2015	9:00:00	0	25.7563	44.5131	51.1833	21.0339	4	0
7/28/2015	10:00:00	0	27.9715	47.0083	33.4239	20.6255	4	0
7/28/2015	11:00:01	0	27.8943	22.043	31.8402	21.0339	4	0
7/28/2015	12:00:01	0	28.1884	31.3886	43.5479	20.8297	4	0
7/28/2015	13:00:00	0	28.9369	33.5965	44.3085	21.0339	4	0
7/28/2015	14:00:01	0	30.0467	40.3216	28.2478	21.4423	4	0
7/28/2015	15:00:01	0	32.829	55.0754	81.3693	21.0339	4	0
7/28/2015	16:00:00	30.1359	36.5057	66.3978	47.4788	21.6465	4	0
7/28/2015	17:00:00	30.222	36.6665	26.3475	41.1904	22.4634	4	0
7/28/2015	18:00:01	31.6722	39.3827	58.0596	35.0382	21.8507	4	0
7/28/2015	19:00:00	31.9584	40.0266	32.7366	33.2809	22.4634	4	0
7/28/2015	20:00:00	31.64	39.3943	21.5318	25.4984	22.6676	4	0
7/28/2015	21:00:01	31.7094	37.9409	27.1068	21.5002	22.8718	4	0
7/28/2015	22:00:01	32.2782	36.9644	33.5573	20.6807	22.4634	4	0
7/28/2015	23:00:00	32.8876	38.3959	40.044	63.9576	23.076	4	0
7/29/2015	0:00:00	32.5092	37.3444	19.459	8.05524	23.6886	4	0
7/29/2015	1:00:01	32.2673	36.3623	22.1223	11.142	23.2802	4	0
7/29/2015	2:00:00	32.6381	35.8568	32.7777	49.9589	22.6676	4	0
7/29/2015	3:00:00	32.3755	32.6269	15.0184	12.4371	22.8718	4	0
7/29/2015	4:00:01	32.0737	28.334	13.67	11.9128	22.8718	4	0
7/29/2015	5:00:01	31.4566	26.9827	10.4464	9.57049	23.076	4	0
7/29/2015	6:00:00	31.0938	23.5229	15.2805	20.5258	23.4844	4	0
7/29/2015	7:00:01	31.0355	22.294	15.8518	18.6777	23.2802	4	0

7/29/2015	8:00:01	30.5459	21.6808	13.9643	13.4102	23.076	4	0
7/29/2015	9:00:00	29.3166	20.4102	10.6286	7.80754	23.2802	4	0
7/29/2015	10:00:00	28.1387	19.0731	17.4084	15.8436	23.076	4	0
7/29/2015	11:00:01	27.9723	17.1302	16.8327	19.1428	23.076	4	0
7/29/2015	12:00:01	28.2434	18.5285	36.0281	12.2964	23.076	4	0
7/29/2015	13:00:00	27.6951	18.3648	20.7216	19.8674	23.076	4	0
7/29/2015	14:00:01	27.2677	18.1132	30.4721	70.8383	22.6676	4	0
7/29/2015	15:00:01	26.3487	19.5976	33.213	29.9702	22.8718	4	0
7/29/2015	16:00:00	24.4625	20.2137	21.4869	26.4261	23.076	4	0
7/29/2015	17:00:00	24.204	21.0039	20.0764	26.168	23.4844	4	0
7/29/2015	18:00:01	23.3484	22.8936	38.8248	42.2483	23.2802	4	0
7/29/2015	19:00:00	23.0067	23.736	27.5183	17.7887	23.4844	4	0
7/29/2015	20:00:00	22.5839	23.7324	16.6013	16.3198	23.8929	4	0
7/29/2015	21:00:00	22.1375	24.2578	17.574	19.4239	24.0971	4	0
7/29/2015	22:00:01	21.2259	23.8309	12.9437	10.0205	24.0971	4	0
7/29/2015	23:00:00	20.1563	23.6366	14.6557	24.5579	24.3013	4	0
7/30/2015	0:00:00	19.8828	21.8093	13.3546	18.3045	24.0971	4	0
7/30/2015	1:00:01	19.5481	21.3057	14.3632	16.2529	24.5055	4	0
7/30/2015	2:00:01	18.7082	19.9179	13.6903	17.1199	25.1181	4	0
7/30/2015	3:00:00	18.7745	18.5266	14.41	18.3016	24.9139	4	0
7/30/2015	4:00:01	18.8106	18.0112	14.9822	18.6331	24.7097	4	0
7/30/2015	5:00:01	19.1363	17.9191	18.5666	25.475	24.7097	4	0
7/30/2015	6:00:00	19.3053	16.3203	18.0598	21.7837	24.5055	4	0
7/30/2015	7:00:01	19.8538	16.3236	26.0059	36.2875	24.7097	4	0
7/30/2015	8:00:01	20.3712	16.9424	22.6306	18.7111	24.0971	4	0
7/30/2015	9:00:01	21.7743	19.0713	42.6447	18.9005	24.0971	4	0
7/30/2015	10:00:00	22.3251	20.3768	27.5508	33.6934	24.0971	4	0
7/30/2015	11:00:01	22.9831	21.7251	30.035	19.8411	23.8928	4	0
7/30/2015	12:00:01	22.9403	23.3868	32.5541	40.9036	23.6886	4	0
7/30/2015	13:00:00	22.9403	23.3868	32.5541	22.9099	23.6886	4	0
7/30/2015	14:00:00	23.7535	26.8656	46.6373	115.535	23.6886	4	0
7/30/2015	15:00:01	23.9698	28.8003	37.4933	37.2469	23.8929	4	0
7/30/2015	16:00:00	24.055	29.4882	23.9079	21.4504	23.8929	4	0
7/30/2015	17:00:00	23.9634	29.3795	17.8572	27.0945	23.6886	4	0

7/30/2015	18:00:01	23.8605	30.9118	37.7742	104.177	23.8929	4	0
7/30/2015	19:00:01	23.6136	30.6174	25.5378	15.802	23.6886	4	0
7/30/2015	20:00:00	24.1407	31.2677	32.9105	19.5029	24.3013	4	0
7/30/2015	21:00:00	24.088	29.1093	17.2912	18.0081	24.7097	4	0
7/30/2015	22:00:01	24.1664	28.2048	18.7062	20.2795	24.7097	4	0
7/30/2015	23:00:00	24.1047	26.9439	15.7402	14.4899	24.7097	4	0
7/31/2015	0:00:00	24.1707	25.587	15.8442	14.5227	25.3223	4	0
7/31/2015	1:00:01	24.1807	24.9057	15.7419	17.4361	25.5265	4	0
7/31/2015	2:00:01	24.0679	22.1922	13.8669	9.56564	25.5265	4	0
7/31/2015	3:00:00	24.2569	20.7206	18.114	26.0076	25.1181	4	0
7/31/2015	4:00:01	24.3579	20.2696	17.867	19.4411	25.3223	4	0
7/31/2015	5:00:01	24.9722	21.5638	32.4683	58.9324	25.935	4	0
7/31/2015	6:00:00	25.8692	21.6316	36.0448	55.4222	25.7308	4	0
7/31/2015	7:00:00	26.2893	22.2618	30.4676	33.7608	25.1181	4	0
7/31/2015	8:00:01	26.4992	21.6782	24.6645	21.874	24.7097	4	0
7/31/2015	9:00:01	26.0177	22.7104	28.7344	39.6426	24.7097	4	0
7/31/2015	10:00:00	25.9276	23.1577	23.5357	25.771	24.7097	4	0
7/31/2015	11:00:01	26.0827	24.554	32.0817	30.2146	24.5055	4	0
7/31/2015	12:00:01	25.6898	25.0264	20.8738	17.986	24.3013	4	0
7/31/2015	13:00:00	27.85	29.961	74.9601	178.754	24.5055	4	0
7/31/2015	14:00:00	27.327	31.6206	34.282	33.9788	24.3013	4	0
7/31/2015	15:00:01	26.7937	32.1101	24.4504	20.4454	24.7097	4	0
7/31/2015	16:00:00	26.5948	32.2019	20.2779	19.8639	24.7097	4	0
7/31/2015	17:00:00	26.5441	30.8296	17.9035	20.9481	25.1181	4	0
7/31/2015	18:00:01	25.8161	29.5233	22.7329	27.0419	25.1181	4	0
7/31/2015	19:00:01	25.9087	29.4532	32.742	17.1393	25.5265	4	0
7/31/2015	20:00:00	25.0847	28.6754	18.1542	17.8776	25.5265	4	0
7/31/2015	21:00:00	24.9577	27.5938	16.8709	13.1587	25.7308	4	0
7/31/2015	22:00:01	24.7729	27.0035	18.0358	23.8479	26.5476	4	0
7/31/2015	23:00:00	24.7015	25.6035	14.6814	11.9386	26.3434	4	0
8/1/2015	0:00:00	24.7413	25.3513	17.5839	20.5603	26.3434	4	0
8/1/2015	1:00:01	24.7471	20.798	18.2125	17.2274	26.7518	4	0
8/1/2015	2:00:01	24.666	19.1108	12.9665	14.3496	26.956	4	0
8/1/2015	3:00:00	24.5067	18.3337	14.0177	16.4659	26.7518	4	0

8/1/2015	4:00:01	24.4501	18.078	16.3924	19.6039	26.5476	4	0
8/1/2015	5:00:01	23.7298	17.9955	16.9398	17.7064	26.3434	4	0
8/1/2015	6:00:00	23.4769	18.2892	23.2924	29.5688	26.7518	4	0
8/1/2015	7:00:00	23.3485	17.6618	23.3427	19.1266	26.1392	4	0
8/1/2015	8:00:01	23.3078	17.8511	18.7487	18.8362	26.1392	4	0
8/1/2015	9:00:01	23.113	18.1665	19.1246	20.9709	25.7308	4	0
8/1/2015	10:00:00	23.1171	18.4608	21.0835	21.0177	25.1181	4	0
8/1/2015	11:00:00	22.6791	18.9835	21.2538	17.4216	25.7308	4	0
8/1/2015	12:00:00	22.6301	19.013	17.7459	29.7365	25.5265	4	0
8/1/2015	13:00:01	20.9459	20.2599	33.552	37.6461	25.3223	4	0
8/1/2015	14:00:00	20.4079	20.863	20.1016	23.2812	25.3223	4	0
8/1/2015	15:00:00	20.5076	21.9175	27.6589	23.501	25.7308	4	0
8/1/2015	16:00:01	20.735	22.5963	24.6067	24.1194	25.7308	4	0
8/1/2015	17:00:01	20.6007	22.4438	17.2368	19.5706	25.7308	4	0
8/1/2015	18:00:00	20.5379	22.2498	22.195	21.1669	25.7308	4	0
8/1/2015	19:00:00	19.7578	21.5336	16.4113	13.1153	25.935	4	0
8/1/2015	20:00:01	19.5472	21.1402	15.2258	15.4952	26.3434	4	0
8/1/2015	21:00:00	19.3902	20.7103	14.5779	14.9925	26.1392	4	0
8/1/2015	22:00:00	19.1379	20.0121	12.7185	13.6578	26.3434	4	0
8/1/2015	23:00:01	19.1427	19.5063	14.8534	21.6279	26.5476	4	0
8/2/2015	0:00:01	19.0898	19.5208	18.6689	20.1954	26.1392	4	0
8/2/2015	1:00:00	19.0622	18.3021	18.4649	16.2436	26.7518	4	0
8/2/2015	2:00:01	19.1813	17.9994	15.9338	14.5183	26.7518	4	0
8/2/2015	3:00:01	19.518	17.5901	21.9373	31.342	26.5476	4	0
8/2/2015	4:00:00	20.1489	18.2369	31.7178	30.951	26.956	4	0
8/2/2015	5:00:00	20.8789	19.7691	35.6586	34.0416	27.3645	4	0
8/2/2015	6:00:01	21.3494	20.7963	33.5208	38.3969	27.1602	4	0
8/2/2015	7:00:01	21.3579	21.3079	21.1493	18.5612	27.1602	4	0
8/2/2015	8:00:00	21.3392	21.3747	13.7356	16.6298	26.7518	4	0
8/2/2015	9:00:01	21.4324	21.8514	19.4572	17.5507	26.7518	4	0
8/2/2015	10:00:01	21.8731	23.3224	29.2893	42.4457	26.3434	4	0
8/2/2015	11:00:00	23.3517	26.7311	55.0199	73.3534	26.1392	4	0
8/2/2015	12:00:00	26.3659	32.6295	89.6253	129.72	26.5476	4	0
8/2/2015	13:00:01	28.5035	37.9895	80.1047	58.0595	25.7308	4	0

8/2/2015	14:00:00	30.6232	42.5928	72.8655	89.8375	25.935	4	0
8/2/2015	15:00:00	34.9978	51.7869	133.112	207.648	26.1392	4	0
8/2/2015	16:00:01	40.0358	61.1773	145.02	162.924	25.7308	4	0
8/2/2015	17:00:01	44.6077	68.6791	126.839	94.4382	26.7518	4	0
8/2/2015	18:00:00	46.2139	70.9544	65.2434	58.5336	25.7308	4	0
8/2/2015	19:00:00	46.4494	71.1451	29.7134	26.4649	26.7518	4	0
8/2/2015	20:00:01	46.8026	72.033	26.5411	30.8578	26.7518	4	0
8/2/2015	21:00:00	47.4455	72.9586	32.0378	38.6433	26.956	4	0
8/2/2015	22:00:00	48.5864	73.8341	37.8652	42.9675	26.7518	4	0
8/2/2015	23:00:01	48.7019	70.8901	23.9766	27.602	26.7518	4	0
8/3/2015	0:00:01	48.4297	64.6671	17.2063	-13.9823	27.3645	4	0
8/3/2015	1:00:00	47.5936	58.2991	6.85943	10.6983	26.956	4	0
8/3/2015	2:00:01	47.1033	53.0469	12.3141	16.3427	27.5687	4	0
8/3/2015	3:00:01	46.4818	43.1037	10.767	10.7649	27.7729	4	0
8/3/2015	4:00:00	45.3652	32.2401	10.9417	7.69594	27.5687	4	0
8/3/2015	5:00:00	44.5015	23.3531	14.2921	14.602	27.9771	4	0
8/3/2015	6:00:01	44.0196	19.5179	15.3715	22.4801	27.5687	4	0
8/3/2015	7:00:01	44.1977	18.6466	17.0027	12.1814	27.3645	4	0
8/3/2015	8:00:00	44.1574	17.4523	11.6021	8.00845	27.9771	4	0
8/3/2015	9:00:00	44.0193	15.8095	11.1645	10.7306	26.7518	4	0
8/3/2015	10:00:01	43.5146	14.0004	15.5491	27.9711	27.1602	4	0
8/3/2015	11:00:01	41.6399	12.8263	9.8365	6.16768	27.5687	4	0
8/3/2015	12:00:00	38.7596	12.9042	17.981	10.9264	26.956	4	0
8/3/2015	13:00:01	35.9794	13.2566	11.0543	11.2113	27.1602	4	0
8/3/2015	14:00:01	33.6085	13.3663	13.6447	27.1902	26.7518	4	0
8/3/2015	15:00:00	28.9247	13.9048	17.2304	17.3707	27.3645	4	0
8/3/2015	16:00:00	23.5863	14.2017	14.9646	28.7641	26.7518	4	0
8/3/2015	17:00:01	19.119	14.38	16.6612	7.40804	26.7518	4	0
8/3/2015	18:00:00	17.1084	14.4369	16.5456	28.8796	26.956	4	0
8/3/2015	19:00:00	16.4799	14.3897	18.0136	11.797	27.9771	4	0
8/3/2015	20:00:01	16.0863	14.9698	19.9639	14.9857	28.1813	4	0
8/3/2015	21:00:01	15.3836	15.2966	15.5102	21.0653	27.7729	4	0
8/3/2015	22:00:00	14.3546	15.0238	12.0425	17.6797	28.9982	4	0
8/3/2015	23:00:00	14.1594	15.7873	19.0902	8.87302	28.5897	4	0

8/4/2015	0:00:01	14.4616	16.3437	24.4161	23.2727	28.9982	4	0
8/4/2015	1:00:00	14.8827	16.8929	18.0307	15.2587	28.9982	4	0
8/4/2015	2:00:00	14.9517	16.97	14.6877	14.0365	28.9982	4	0
8/4/2015	3:00:01	15.134	16.8451	15.3136	19.6413	29.4066	4	0
8/4/2015	4:00:01	15.3575	17.0099	16.7668	15.2623	29.815	4	0
8/4/2015	5:00:00	15.5212	17.203	18.8248	30.8722	29.6108	4	0
8/4/2015	6:00:01	16.7317	19.4346	41.1003	98.684	28.9982	4	0
8/4/2015	7:00:01	17.4626	20.7157	31.503	33.4985	28.9982	4	0
8/4/2015	8:00:00	18.5364	22.0207	33.3009	30.8688	28.794	4	0
8/4/2015	9:00:00	19.39	23.2387	28.4534	32.8546	27.7729	4	0
8/4/2015	10:00:01	20.3218	25.3279	36.498	30.4256	27.9771	4	0
8/4/2015	11:00:01	21.9937	27.8535	49.6453	60.1017	27.9771	4	0
8/4/2015	12:00:00	22.1722	27.6024	21.7315	20.2074	27.9771	4	0
8/4/2015	13:00:00	22.8821	28.376	27.4603	23.1255	27.9771	4	0
8/4/2015	14:00:01	23.6787	29.8567	33.2456	35.8313	27.7729	4	0
8/4/2015	15:00:00	23.9759	30.552	23.9084	26.9678	28.1813	4	0
8/4/2015	16:00:00	24.2578	30.9019	21.3051	24.2938	28.1813	4	0
8/4/2015	17:00:01	24.5056	31.0967	20.7035	26.7307	27.7729	4	0
8/4/2015	18:00:00	24.5056	31.0967	20.7035	21.5587	27.7729	4	0
8/4/2015	19:00:00	24.824	28.7107	24.8933	21.8905	28.3855	4	0
8/4/2015	20:00:00	24.5859	27.3537	20.291	19.4633	29.2024	4	0
8/4/2015	21:00:01	24.661	26.5396	19.1933	16.6585	29.6108	4	0
8/4/2015	22:00:00	25.0041	25.3397	22.1641	19.8409	29.815	4	0
8/4/2015	23:00:00	25.0986	23.1856	23.2292	16.4402	29.6108	4	0
8/5/2015	0:00:01	24.8355	22.9446	18.3552	20.2818	29.4066	4	0
8/5/2015	1:00:01	24.8132	22.2311	18.3919	13.6735	29.815	4	0
8/5/2015	2:00:00	24.7015	20.5665	12.2248	10.0829	29.6108	4	0
8/5/2015	3:00:01	24.4453	19.4884	10.7625	9.56215	30.2234	4	0
8/5/2015	4:00:01	24.0896	18.5257	9.4035	12.4833	29.6108	4	0
8/5/2015	5:00:00	23.7252	17.7042	9.94878	9.56627	29.815	4	0
8/5/2015	6:00:00	22.6894	16.7342	12.8964	5.27348	29.6108	4	0
8/5/2015	7:00:01	22.1295	15.8361	11.607	12.8367	29.4066	4	0
8/5/2015	8:00:01	21.8232	16.0021	20.7241	21.4878	28.794	4	0
8/5/2015	9:00:00	21.7504	16.4045	23.1838	29.4578	28.3855	4	0

8/5/2015	10:00:00	21.776	17.4073	33.549	53.1175	28.3855	4	0
8/5/2015	11:00:01	20.766	17.5986	26.76	24.6011	28.3855	4	0
8/5/2015	12:00:01	20.7322	17.7388	20.4148	23.6938	28.5897	4	0
8/5/2015	13:00:00	20.4911	17.8613	19.6886	23.0372	28.794	4	0
8/5/2015	14:00:01	19.9076	18.4615	20.1699	26.2629	28.794	4	0
8/5/2015	15:00:01	19.4732	18.6928	14.2005	15.2584	28.7939	4	0
8/5/2015	16:00:00	19.279	19.2691	16.5862	15.9136	29.2024	4	0
8/5/2015	17:00:00	19.2712	20.2258	23.0709	13.6472	28.9982	4	0
8/5/2015	18:00:01	18.9217	20.6775	19.3424	20.9093	29.815	4	0
8/5/2015	19:00:00	19.1055	22.2155	31.2184	25.2042	30.0192	4	0
8/5/2015	20:00:00	18.8847	21.8114	16.8158	23.4291	30.2234	4	0
8/5/2015	21:00:01	19.0817	21.9227	24.5194	26.154	30.8361	4	0
8/5/2015	22:00:01	19.1312	21.2024	25.037	30.7335	30.6319	4	0
8/5/2015	23:00:00	18.9236	20.641	20.6153	26.1547	31.2445	4	0
8/6/2015	0:00:00	18.8738	20.4588	18.2221	19.6589	31.4487	4	0
8/6/2015	1:00:01	18.6897	20.1024	15.6139	17.8182	31.4487	4	0
8/6/2015	2:00:00	18.6615	19.47	12.2927	17.7179	31.8571	4	0
8/6/2015	3:00:00	18.7763	19.4406	13.2755	17.3956	31.6529	4	0
8/6/2015	4:00:01	19.0206	19.3586	14.8628	17.6513	31.2445	4	0
8/6/2015	5:00:01	19.2408	18.7345	14.7145	20.2866	31.4487	4	0
8/6/2015	6:00:00	19.3206	18.3281	13.3922	9.19734	31.2445	4	0
8/6/2015	7:00:01	19.4883	16.8819	11.9179	10.952	30.6319	4	0
8/6/2015	8:00:01	19.3638	16.7471	13.4976	15.2218	30.6319	4	0
8/6/2015	9:00:00	18.9327	15.6056	9.94172	12.1877	30.2234	4	0
8/6/2015	10:00:00	18.6077	15.5471	24.3247	18.0752	29.815	4	0
8/6/2015	11:00:01	18.4772	15.7028	22.6267	17.3545	29.815	4	0
8/6/2015	12:00:01	18.567	16.0371	22.8857	23.9506	30.4276	4	0
8/6/2015	13:00:00	18.7367	16.7204	24.7088	36.8255	30.2234	4	0
8/6/2015	14:00:01	18.9144	17.5228	20.6898	27.7692	30.0192	4	0
8/6/2015	15:00:01	19.1263	18.0647	20.9883	18.0643	29.815	4	0
8/6/2015	16:00:00	19.5057	18.9043	25.2	24.405	30.4277	4	0
8/6/2015	17:00:00	19.5432	19.6969	25.1654	28.7078	30.4277	4	0
8/6/2015	18:00:01	19.9883	21.0885	30.673	40.7567	30.8361	4	0
8/6/2015	19:00:00	19.6994	22.355	30.3941	40.0599	31.4487	4	0

8/6/2015	20:00:00	20.2777	23.8933	33.4844	27.2615	31.8571	4	0
8/6/2015	21:00:01	20.2373	25.0661	24.3933	28.0979	31.8571	4	0
8/6/2015	22:00:01	20.2034	25.1571	26.0816	26.0413	32.4698	4	0
8/6/2015	23:00:00	20.4006	25.4671	26.4079	28.3878	32.4698	4	0
8/7/2015	0:00:00	20.6641	25.7254	26.6793	28.8867	33.2866	4	0
8/7/2015	1:00:01	20.8961	25.5083	21.7188	17.0525	32.4698	4	0
8/7/2015	2:00:00	21.2846	25.6401	21.31	21.2142	33.0824	4	0
8/7/2015	3:00:00	21.5578	25.6229	20.4378	29.6009	33.2866	4	0
8/7/2015	4:00:01	21.8353	25.4413	22.9185	20.0119	33.0824	4	0
8/7/2015	5:00:01	21.9988	24.9924	19.2157	17.1879	33.4908	4	0
8/7/2015	6:00:00	22.4748	24.4809	21.8805	30.1197	32.8782	4	0
8/7/2015	7:00:01	23.681	25.1829	35.7175	64.9333	32.674	4	0
8/7/2015	8:00:01	25.177	26.3663	46.0166	41.3925	32.2656	4	0
8/7/2015	9:00:00	26.2065	27.1289	32.8082	33.2372	32.674	4	0
8/7/2015	10:00:00	27.2183	28.8111	44.8202	53.5079	31.8571	4	0
8/7/2015	11:00:01	28.4057	30.7189	48.6597	52.885	32.2656	4	0
8/7/2015	12:00:01	29.5201	32.4781	47.4445	42.3327	32.4698	4	0
8/7/2015	13:00:00	30.4082	34.4416	45.8253	48.2187	31.4487	4	0
8/7/2015	14:00:01	31.7226	36.9756	52.7321	53.5951	32.0613	4	0
8/7/2015	15:00:01	32.8947	39.2235	46.669	37.3518	32.4698	4	0
8/7/2015	16:00:00	33.1522	40.0194	36.2624	35.1786	32.4698	4	0
8/7/2015	17:00:00	33.7287	41.519	36.1804	41.7662	32.0613	4	0
8/7/2015	18:00:01	33.992	42.7716	38.558	36.4266	32.0613	4	0
8/7/2015	19:00:00	35.2219	44.903	64.9058	91.2005	32.4698	4	0
8/7/2015	20:00:00	36.0461	45.6598	58.4369	35.6376	32.8782	4	0
8/7/2015	21:00:01	36.1299	45.2193	29.0094	28.6623	33.2866	4	0
8/7/2015	22:00:01	36.5972	44.6468	37.4877	48.8877	33.2866	4	0
8/7/2015	23:00:00	37.8091	45.3585	57.581	27.1681	33.4908	4	0
8/8/2015	0:00:00	38.3829	44.9104	41.6296	41.3714	34.1035	4	0
8/8/2015	1:00:01	38.4241	43.1814	25.5814	29.6639	33.695	4	0
8/8/2015	2:00:00	38.9613	41.8321	36.3792	54.8138	34.1035	4	0
8/8/2015	3:00:00	39.4984	40.8834	34.4718	29.7524	34.3077	4	0
8/8/2015	4:00:01	39.2709	39.5009	20.0147	22.7559	33.8993	4	0
8/8/2015	5:00:01	39.2416	38.1208	18.5426	15.2854	34.5119	4	0

8/8/2015	6:00:00	39.1486	36.6556	20.1799	29.7776	34.1035	4	0
8/8/2015	7:00:00	38.8028	33.2738	19.9848	27.8849	33.4908	4	0
8/8/2015	8:00:01	38.0144	30.4293	22.0766	21.7897	33.4908	4	0
8/8/2015	9:00:01	37.6053	29.7536	19.7611	21.2965	33.2866	4	0
8/8/2015	10:00:00	36.5331	27.9909	15.1807	16.7005	32.8782	4	0
8/8/2015	11:00:01	34.7856	23.6979	6.8585	3.14172	33.2866	4	0
8/8/2015	12:00:01	33.2762	20.9788	8.95522	8.07533	32.8782	4	0
8/8/2015	13:00:00	31.7439	19.5776	9.3563	5.16888	33.0824	4	0
8/8/2015	14:00:00	30.0387	17.3198	9.43793	5.13813	33.0824	4	0
8/8/2015	15:00:01	28.3599	15.0775	9.02661	4.96891	33.2866	4	0
8/8/2015	16:00:00	27.2032	14.285	11.6133	11.7569	32.8782	4	0
8/8/2015	17:00:00	26.1425	13.6233	11.0292	9.19207	33.2866	4	0
8/8/2015	18:00:01	24.9654	12.5981	7.696	3.46829	33.695	4	0
8/8/2015	19:00:01	22.5605	11.8862	12.8607	12.1298	33.695	4	0
8/8/2015	20:00:00	20.6911	11.2418	14.5066	16.1655	33.4908	4	0
8/8/2015	21:00:00	20.0003	10.6889	13.0631	12.8847	34.3077	4	0
8/8/2015	22:00:01	18.9464	10.5589	13.7867	15.5	34.9203	4	0
8/8/2015	23:00:00	17.2298	11.2555	14.9396	20.8857	34.5119	4	0
8/9/2015	0:00:00	16.1692	11.8555	16.1078	20.1009	34.3077	4	0
8/9/2015	1:00:01	15.7299	12.3105	14.5513	13.0128	34.9203	4	0
8/9/2015	2:00:01	14.9744	13.0695	18.5511	22.7405	34.7161	4	0
8/9/2015	3:00:00	14.3858	14.0126	20.2267	18.0858	35.1245	4	0
8/9/2015	4:00:01	14.3279	14.5991	18.395	25.7602	34.9203	4	0
8/9/2015	5:00:01	14.2736	15.0918	16.3798	15.33	35.1245	4	0
8/9/2015	6:00:00	14.244	16.0728	19.2585	18.3434	34.9203	4	0
8/9/2015	7:00:00	14.7674	17.7156	32.6461	25.2059	35.1245	4	0
8/9/2015	8:00:01	15.2367	19.2552	32.7186	33.2075	34.7161	4	0
8/9/2015	9:00:01	15.17	19.6576	17.9095	9.89091	34.7161	4	0
8/9/2015	10:00:00	15.8327	21.0434	29.7358	16.6063	34.3077	4	0
8/9/2015	11:00:01	16.3269	21.2394	14.7277	19.8894	34.1035	4	0
8/9/2015	12:00:01	16.1081	20.1852	3.85738	2.52794	34.5119	4	0
8/9/2015	13:00:00	16.2023	19.9258	11.802	6.61732	33.4908	4	0
8/9/2015	14:00:00	16.2102	19.1578	9.78382	9.41302	34.5119	4	0
8/9/2015	15:00:01	16.4099	18.5413	12.3659	18.5566	34.3077	4	0

8/9/2015	16:00:00	16.5302	18.178	14.2444	16.2496	34.3077	4	0
8/9/2015	17:00:00	16.5914	17.8689	13.4282	18.5179	34.3077	4	0
8/9/2015	18:00:01	16.9923	17.67	17.0024	21.5012	34.5119	4	0
8/9/2015	19:00:01	17.0089	16.0872	14.9217	16.7609	34.9203	4	0
8/9/2015	20:00:00	17.1409	14.8318	18.2115	19.6887	34.7161	4	0
8/9/2015	21:00:00	17.2934	14.7698	17.6647	20.3607	34.7161	4	0
8/9/2015	22:00:01	17.3599	13.6253	16.4808	12.972	34.9203	4	0
8/9/2015	23:00:00	17.4159	13.8002	16.8799	15.6369	35.3288	4	0
8/10/2015	0:00:00	17.4081	14.8144	16.0059	18.6113	34.7161	4	0
8/10/2015	1:00:01	17.4153	15.0945	15.2485	14.8232	35.3288	4	0
8/10/2015	2:00:01	17.4178	15.8466	18.734	20.0066	35.3288	4	0
8/10/2015	3:00:00	17.5323	16.7731	23.5161	25.6706	35.3288	4	0
8/10/2015	4:00:01	17.6643	17.3846	21.149	24.8405	35.533	4	0
8/10/2015	5:00:01	18.0777	18.4724	26.3282	27.7208	35.1245	4	0
8/10/2015	6:00:00	18.5532	19.5833	29.5458	28.8284	35.1245	4	0
8/10/2015	7:00:00	18.2836	20.5439	26.3094	28.9629	34.7161	4	0
8/10/2015	8:00:01	18.187	21.4907	27.9612	31.4714	34.5119	4	0
8/10/2015	9:00:01	18.4652	22.0799	24.8398	27.2253	34.9203	4	0
8/10/2015	10:00:00	18.1457	22.5192	21.012	19.4586	34.9203	4	0
8/10/2015	11:00:01	18.1679	22.2997	13.0406	15.6221	34.5119	4	0
8/10/2015	12:00:01	18.6316	22.1449	13.5826	14.3495	34.9203	4	0
8/10/2015	13:00:00	18.3496	21.4993	11.7093	29.7376	35.3288	4	0
8/10/2015	14:00:00	18.401	20.8647	11.5899	6.82081	34.9203	4	0
8/10/2015	15:00:01	18.5326	19.9604	9.79251	5.17952	34.7161	4	0
8/10/2015	16:00:00	18.008	18.3962	3.89317	3.64752	34.9203	4	0
8/10/2015	17:00:00	17.7273	16.7441	7.01331	2.28554	35.1245	4	0
8/10/2015	18:00:01	17.3277	15.0748	11.4703	10.5687	35.3288	4	0
8/10/2015	19:00:01	17.1361	13.727	10.0444	11.9608	35.7372	4	0
8/10/2015	20:00:00	16.7352	12.1938	9.75938	8.04352	35.533	4	0
8/10/2015	21:00:00	16.4414	11.055	11.0692	14.4494	35.9414	4	0
8/10/2015	22:00:01	16.3058	10.4394	13.3612	15.6866	35.3288	4	0
8/10/2015	23:00:01	16.062	10.3682	12.28	4.80569	35.9414	4	0
8/11/2015	0:00:00	16.0035	10.5071	15.0529	13.1996	36.1456	4	0
8/11/2015	1:00:01	15.9344	10.5957	12.3094	9.36782	35.9414	4	0

8/11/2015	2:00:01	15.6191	10.621	12.0723	7.78332	36.554	4	0
8/11/2015	3:00:00	15.0511	10.7306	11.4008	2.72694	36.3498	4	0
8/11/2015	4:00:00	14.7062	11.5195	13.6923	20.3856	36.554	4	0
8/11/2015	5:00:01	14.1556	12.0234	13.0634	19.2058	36.1456	4	0
8/11/2015	6:00:01	13.587	12.2822	13.7393	9.21197	36.3498	4	0
8/11/2015	7:00:00	13.0536	12.4873	11.7778	8.10447	36.3498	4	0
8/11/2015	8:00:01	12.5087	12.8075	12.699	13.8504	35.3288	4	0
8/11/2015	9:00:01	12.1769	13.2328	15.6815	24.5548	35.3288	4	0
8/11/2015	10:00:00	11.9417	13.3297	13.8783	12.4295	35.1245	4	0
8/11/2015	11:00:00	11.8554	13.1701	10.1301	1.40819	34.7161	4	0
8/11/2015	12:00:01	11.6758	12.6453	8.92208	13.0597	34.5119	4	0
8/11/2015	13:00:00	11.5488	12.3163	8.36941	3.19532	35.3287	4	0
8/11/2015	14:00:00	11.4801	12.1563	10.784	4.74823	34.9203	4	0
8/11/2015	15:00:01	11.7657	12.5884	17.0808	14.5526	35.533	4	0
8/11/2015	16:00:01	12.0955	12.341	10.3232	9.35891	34.5119	4	0
8/11/2015	17:00:01	12.0856	11.8086	7.33175	15.4219	35.3287	4	0
8/11/2015	18:00:00	11.9894	11.4046	9.16523	12.567	34.3077	4	0
8/11/2015	19:00:00	11.9165	11.2731	12.0149	7.46333	35.533	4	0
8/11/2015	20:00:01	12.5654	12.4077	27.0488	23.5004	36.1456	4	0
8/11/2015	21:00:00	12.7575	12.4787	16.968	9.57943	35.9414	4	0
8/11/2015	22:00:00	12.8825	12.7204	16.7117	17.5819	36.3498	4	0
8/11/2015	23:00:01	13.0088	13.1942	15.9283	18.0877	36.9624	4	0
8/12/2015	0:00:01	13.0159	13.7489	15.644	8.02747	36.7582	4	0
8/12/2015	1:00:00	12.9913	14.0754	12.6566	1.92707	36.7582	4	0
8/12/2015	2:00:01	13.0097	14.2082	11.7176	13.2301	36.554	4	0
8/12/2015	3:00:01	13.2003	14.1629	16.19	13.8253	37.7793	4	0
8/12/2015	4:00:00	13.0772	14.2429	11.3158	8.06369	37.1667	4	0
8/12/2015	5:00:00	13.1268	14.832	14.2573	18.7753	37.1667	4	0
8/12/2015	6:00:01	13.4037	15.7389	19.1296	14.2067	36.3498	4	0
8/12/2015	7:00:01	13.8275	16.4536	18.2598	23.4806	35.533	4	0
8/12/2015	8:00:00	13.9576	15.4628	14.4356	15.2671	36.1456	4	0
8/12/2015	9:00:00	13.9309	15.2414	13.9075	19.6915	36.3498	4	0
8/12/2015	10:00:01	13.9886	15.0384	13.803	10.4744	34.9203	4	0
8/12/2015	11:00:00	14.8772	16.244	30.032	106.041	35.533	4	0

8/12/2015	12:00:00	15.1824	16.2429	15.8764	11.9845	35.533	4	0
8/12/2015	13:00:01	15.292	16.0303	9.97021	22.7522	35.3288	4	0
8/12/2015	14:00:02	15.2542	15.8997	11.1499	31.2797	35.1245	4	0
8/12/2015	15:00:00	15.0461	15.4872	11.3795	18.6902	35.9414	4	0
8/12/2015	16:00:00	14.947	15.1626	7.63978	4.18498	35.1245	4	0
8/12/2015	17:00:01	14.8578	14.3522	4.88559	-0.097785	34.7161	4	0
8/12/2015	18:00:00	15.0199	13.8203	13.6526	45.6404	35.7372	4	0
8/12/2015	19:00:00	14.9283	13.3509	15.0691	9.64235	36.3498	4	0
8/12/2015	20:00:01	14.3169	13.2881	14.5799	14.1747	36.554	4	0
8/12/2015	21:00:01	14.2473	13.4293	15.5643	15.966	36.7582	4	0
8/12/2015	22:00:00	13.9513	13.1622	10.9895	8.62551	37.3709	4	0
8/12/2015	23:00:01	13.7658	11.6653	11.1252	8.0825	36.3498	4	0
8/13/2015	0:00:01	13.8631	11.8912	18.3095	13.208	36.554	4	0
8/13/2015	1:00:00	14.2705	12.9852	23.093	23.5977	37.3709	4	0
8/13/2015	2:00:00	14.4141	13.3528	15.3842	9.10128	37.1667	4	0
8/13/2015	3:00:01	14.5674	14.1137	20.4623	28.953	37.3709	4	0
8/13/2015	4:00:01	15.2357	15.7731	27.3643	28.4294	37.3709	4	0
8/13/2015	5:00:00	15.7342	17.5385	25.6856	28.5853	36.7582	4	0
8/13/2015	6:00:01	16.016	18.5754	25.4698	25.2028	37.3709	4	0
8/13/2015	7:00:01	16.4586	19.5917	24.7517	27.3865	36.554	4	0
8/13/2015	8:00:00	16.8821	20.3473	22.4396	20.7861	36.7582	4	0
8/13/2015	9:00:00	16.9607	20.301	14.2453	13.0399	36.3498	4	0
8/13/2015	10:00:01	17.244	21.0196	18.5515	27.6286	35.9414	4	0
8/13/2015	11:00:00	16.9833	22.0094	22.2249	21.8963	36.1456	4	0
8/13/2015	12:00:00	17.438	22.7096	28.0497	36.5345	35.533	4	0
8/13/2015	13:00:01	18.2449	23.1172	27.5163	30.5165	35.533	4	0
8/13/2015	14:00:01	18.9618	24.1619	28.4299	27.1463	35.1245	4	0
8/13/2015	15:00:00	19.7609	24.9583	31.0337	28.0605	35.9414	4	0
8/13/2015	16:00:00	20.3106	24.284	19.3886	25.3297	35.7372	4	0
8/13/2015	17:00:01	20.7233	23.3495	16.2299	23.4312	35.9414	4	0
8/13/2015	18:00:00	21.0566	22.994	22.4396	20.6286	35.3288	4	0
8/13/2015	19:00:00	21.079	22.2944	17.8755	17.3336	36.554	4	0
8/13/2015	20:00:01	21.1119	21.8089	17.9814	14.6332	36.1456	4	0
8/13/2015	21:00:01	22.0879	23.926	40.09	63.2894	36.554	4	0

8/13/2015	22:00:00	23.2235	25.6634	40.1905	40.0131	36.9624	4	0
8/13/2015	23:00:01	23.4391	25.2416	17.2674	19.5335	36.7582	4	0
8/14/2015	0:00:01	23.3909	24.3833	17.3284	14.0527	36.9624	4	0
8/14/2015	1:00:01	22.9817	23.2771	13.8389	14.5919	37.3709	4	0
8/14/2015	2:00:00	23.1552	22.5959	19.6684	25.7861	37.1667	4	0
8/14/2015	3:00:01	23.0531	21.6604	19.9655	15.042	37.1667	4	0
8/14/2015	4:00:01	22.5039	21.2913	14.4716	14.7427	37.1667	4	0
8/14/2015	5:00:00	21.9927	21.1012	13.5561	14.3072	37.1667	4	0
8/14/2015	6:00:01	21.6039	20.6222	16.1537	22.3266	37.1667	4	0
8/14/2015	7:00:01	21.8081	21.5965	29.051	29.9847	37.1667	4	0
8/14/2015	8:00:00	22.0025	22.2673	24.8666	22.4444	36.3498	4	0
8/14/2015	9:00:00	22.4687	21.0509	25.469	25.5023	36.554	4	0
8/14/2015	10:00:01	22.6026	19.5092	21.8819	20.2374	36.554	4	0
8/14/2015	11:00:00	22.9198	20.2406	23.7351	28.8503	36.7582	4	0
8/14/2015	12:00:00	22.9198	20.2406	23.7351	22.5887	36.9624	4	0
8/14/2015	13:00:01	23.0227	22.3248	30.5249	33.0439	35.9414	4	0
8/14/2015	14:00:01	23.1	23.0951	28.3656	36.8448	35.7372	4	0
8/14/2015	15:00:00	22.8821	23.4766	24.1564	18.6066	35.7372	4	0
8/14/2015	16:00:00	23.1106	24.3263	25.1377	22.4919	35.7372	4	0
8/14/2015	17:00:01	23.3912	25.1077	23.487	14.3991	35.533	4	0
8/14/2015	18:00:00	23.4667	25.8749	27.2993	27.982	35.9414	4	0
8/14/2015	19:00:00	23.3943	24.8922	19.597	11.7363	36.1456	4	0
8/14/2015	20:00:01	23.1612	23.9442	15.0056	20.693	36.554	4	0
8/14/2015	21:00:01	22.1125	23.1435	16.9658	16.1215	36.554	4	0
8/14/2015	22:00:00	20.2381	21.1109	-0.010488	36.5265	37.7793	4	0
8/14/2015	23:00:01	20.1628	20.519	16.9805	54.5668	37.1667	4	0
8/15/2015	0:00:01	19.9922	19.6484	14.7699	15.2121	37.9835	4	0
8/15/2015	1:00:01	19.7925	17.9143	8.66362	17.5307	37.7793	4	0
8/15/2015	2:00:00	19.3404	16.3189	8.03072	7.46226	37.7793	4	0
8/15/2015	3:00:01	18.8339	15.0427	8.17628	7.99177	37.9835	4	0
8/15/2015	4:00:01	18.5895	13.7719	9.21632	12.0248	38.3919	4	0
8/15/2015	5:00:00	18.8035	13.3827	17.6857	26.5911	37.7793	4	0
8/15/2015	6:00:01	18.6641	12.1442	11.202	8.35231	37.7793	4	0
8/15/2015	7:00:01	18.2172	11.8207	14.3081	9.50245	37.3709	4	0

8/15/2015	8:00:00	17.9357	12.0139	16.9186	21.491	36.7582	4	0
8/15/2015	9:00:00	18.0991	12.8951	26.8052	29.6735	36.3498	4	0
8/15/2015	10:00:01	18.5668	15.483	29.7142	30.6541	36.554	4	0
8/15/2015	11:00:00	18.8459	16.5308	29.6726	35.7277	36.1456	4	0
8/15/2015	12:00:00	19.0401	17.6619	28.0746	27.9819	35.9414	4	0
8/15/2015	13:00:01	18.8552	19.1029	26.0743	17.1494	36.554	4	0
8/15/2015	14:00:01	18.4786	20.0673	20.2019	44.5747	36.1456	4	0
8/15/2015	15:00:00	19.3194	23.1194	45.9224	50.4988	36.3498	4	0
8/15/2015	16:00:00	19.3237	24.4017	24.3277	19.5355	36.1456	4	0
8/15/2015	17:00:01	19.2262	24.6853	22.7298	22.6236	36.1456	4	0
8/15/2015	18:00:00	19.2715	26.0699	27.3333	40.2349	35.9414	4	0
8/15/2015	19:00:00	19.1692	26.4141	22.0929	17.4414	37.1667	4	0
8/15/2015	20:00:01	19.4421	26.8241	22.8165	13.1153	37.3709	4	0
8/15/2015	21:00:01	19.7961	26.7932	28.2152	24.6275	37.5751	4	0
8/15/2015	22:00:00	20.6809	26.1571	22.1729	20.9221	37.5751	4	0
8/15/2015	23:00:01	20.9405	25.7206	24.4203	21.8015	37.5751	4	0
8/16/2015	0:00:00	21.189	25.1843	20.7583	18.9574	38.1877	4	0
8/16/2015	1:00:00	21.7519	24.9308	22.3219	24.2914	37.7793	4	0
8/16/2015	2:00:01	22.112	24.7282	17.874	16.2085	38.8004	4	0
8/16/2015	3:00:01	22.6009	22.669	19.9644	18.55	38.3919	4	0
8/16/2015	4:00:00	23.2718	22.8045	25.1931	34.2572	38.1877	4	0
8/16/2015	5:00:01	23.3672	22.7184	22.0802	24.4602	38.1877	4	0
8/16/2015	6:00:01	23.9936	22.6718	25.72	35.1245	38.3919	4	0
8/16/2015	7:00:00	24.962	23.6908	31.1598	46.7382	37.7793	4	0
8/16/2015	8:00:00	25.6489	24.4759	31.1325	26.6218	37.7793	4	0
8/16/2015	9:00:01	26.6142	25.9506	43.003	55.5199	37.1667	4	0
8/16/2015	10:00:00	26.8316	26.9434	34.1566	23.0488	36.9624	4	0
8/16/2015	11:00:00	26.7067	27.1163	27.4774	28.8549	36.9624	4	0
8/16/2015	12:00:01	26.3213	26.7942	16.0526	10.4536	36.554	4	0
8/16/2015	13:00:01	27.0365	28.3975	41.1546	41.6049	36.7582	4	0
8/16/2015	14:00:00	27.7297	29.8885	35.7119	25.079	37.1667	4	0
8/16/2015	15:00:00	27.3368	31.1839	35.3059	32.3827	36.1456	4	0
8/16/2015	16:00:01	27.4589	31.3281	28.3366	22.2399	36.7582	4	0
8/16/2015	17:00:00	27.5362	31.5301	26.0259	27.1426	36.9624	4	0

8/16/2015	18:00:00	27.6008	31.8585	32.5814	41.3287	36.9624	4	0
8/16/2015	19:00:01	28.5528	33.1206	49.0358	66.3485	37.7793	4	0
8/16/2015	20:00:01	28.893	33.3493	37.9633	33.1788	38.3919	4	0
8/16/2015	21:00:00	29.3234	33.1125	40.6286	37.9652	38.3919	4	0
8/16/2015	22:00:01	30.1821	33.8769	42.5528	33.2586	38.5961	4	0
8/16/2015	23:00:01	30.6426	34.6675	37.6375	29.1168	38.8004	4	0
8/17/2015	0:00:02	31.7129	37.2562	47.1463	63.0005	38.8004	4	0
8/17/2015	1:00:00	32.5656	37.4788	42.4863	30.848	39.0046	4	0
8/17/2015	2:00:00	33.5769	38.1709	43.9114	22.112	39.0046	4	0
8/17/2015	3:00:01	34.1794	38.2243	35.1101	40.8353	39.0046	4	0
8/17/2015	4:00:01	34.9593	39.673	45.8466	50.8509	39.2088	4	0
8/17/2015	5:00:00	35.8722	41.2455	44.0599	46.4049	39.6172	4	0
8/17/2015	6:00:00	36.1814	41.2546	29.994	42.6824	39.2088	4	0
8/17/2015	7:00:01	36.8601	40.9332	40.7727	39.3425	38.8004	4	0
8/17/2015	8:00:00	36.7825	40.0662	25.6633	24.9588	38.3919	4	0
8/17/2015	9:00:00	36.1252	38.8067	24.7047	32.1054	38.3919	4	0
8/17/2015	10:00:01	36.4302	38.2712	31.6888	33.2719	37.7793	4	0
8/17/2015	11:00:01	36.4751	37.4659	29.0911	36.7865	37.9835	4	0
8/17/2015	12:00:00	37.0073	35.6775	25.1635	21.9599	37.7793	4	0
8/17/2015	13:00:01	36.7678	35.4554	45.665	98.6521	38.8004	4	0
8/17/2015	14:00:00	34.8332	31.0819	-4.97913	11.2082	38.3919	4	0
8/17/2015	15:00:00	34.3844	30.0761	23.2468	-2.20849	38.3919	4	0
8/17/2015	16:00:01	34.0338	27.5509	14.2663	9.73698	38.3919	4	0
8/17/2015	17:00:01	34.6684	27.1592	39.9647	3.68235	38.3919	4	0
8/17/2015	18:00:00	34.5609	27.4055	35.5521	27.6688	39.0046	4	0
8/17/2015	19:00:01	33.2738	25.5912	19.8821	13.3609	39.2088	4	0
8/17/2015	20:00:01	32.286	24.802	17.1218	31.312	39.6172	4	0
8/17/2015	21:00:00	30.9366	23.4609	8.45231	40.0448	39.2088	4	0
8/17/2015	22:00:00	29.6647	22.0453	15.1081	5.94378	39.413	4	0
8/17/2015	23:00:01	28.4289	20.4345	9.62369	14.5222	39.8214	4	0
8/18/2015	0:00:01	27.238	19.8598	17.0633	20.4955	39.413	4	0
8/18/2015	1:00:00	27.238	19.8598	17.0633	27.4063	39.6172	4	0
8/18/2015	2:00:01	26.3049	21.8544	50.2094	55.2041	39.8214	4	0
8/18/2015	3:00:01	26.5664	23.4338	42.2987	44.6283	39.8214	4	0

8/18/2015	4:00:00	25.5916	24.1524	22.7588	22.118	39.413	4	0
8/18/2015	5:00:00	24.0082	21.4568	7.30238	14.0234	39.6172	4	0
8/18/2015	6:00:01	23.573	20.099	18.2388	23.5876	39.6172	4	0
8/18/2015	7:00:01	22.3292	19.2931	9.66896	7.23877	40.0256	4	0
8/18/2015	8:00:00	21.9342	19.0569	13.0409	18.0535	39.6172	4	0
8/18/2015	9:00:00	21.9581	20.3409	22.9578	22.9486	39.2088	4	0
8/18/2015	10:00:01	21.7662	21.2114	24.9257	24.433	39.0046	4	0
8/18/2015	11:00:00	21.8665	22.9663	30.4471	42.4608	38.3919	4	0
8/18/2015	12:00:00	22.7061	25.2116	43.4627	49.0651	38.1877	4	0
8/18/2015	13:00:47	TTB Audit Cal	0	0	0	27.3645	1	33554432
8/18/2015	14:00:01	0	0	0	0	17.9707	3	0
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8/18/2015	16:00:00	0	0	0	-11.1653	18.1749	4	0
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8/18/2015	18:00:01	0	0	19.8296	15.2988	18.5833	4	0
8/18/2015	19:00:00	0	0	34.4838	57.6388	18.5833	4	0
8/18/2015	20:00:00	0	0	34.0761	33.3128	18.5833	4	0
8/18/2015	21:00:01	0	0	38.0626	19.3038	19.196	4	0
8/18/2015	22:00:00	0	0	21.7324	30.728	18.9918	4	0
8/18/2015	23:00:00	0	0	42.3073	57.5842	18.9918	4	0
8/19/2015	0:00:01	0	0	35.5093	38.967	18.9918	4	0
8/19/2015	1:00:01	0	0	53.7506	68.0881	18.7875	4	0
8/19/2015	2:00:00	0	0	42.2797	26.1205	18.9917	4	0
8/19/2015	3:00:01	0	0	24.4359	46.186	19.6044	4	0
8/19/2015	4:00:01	0	31.673	23.8471	19.9964	19.196	4	0
8/19/2015	5:00:00	0	32.7546	21.3488	18.8825	19.196	4	0
8/19/2015	6:00:00	0	32.0786	11.4703	11.5084	19.196	4	0
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8/19/2015	8:00:01	0	27.8008	11.0998	12.4829	20.217	4	0
8/19/2015	9:00:00	0	25.7643	12.5266	13.975	19.196	4	0
8/19/2015	10:00:01	0	25.2667	14.7686	32.0043	20.0128	4	0
8/19/2015	11:00:01	0	23.1457	16.3941	23.0179	19.8086	4	0
8/19/2015	12:00:00	0	23.1457	16.3941	23.4183	19.4002	4	0
8/19/2015	13:00:00	0	19.3594	25.9084	24.8138	19.6044	4	0

8/19/2015	14:00:01	0	18.2747	29.2822	31.4706	18.9918	4	0
8/19/2015	15:00:00	0	18.3282	25.8463	28.2953	19.196	4	0
8/19/2015	16:00:00	24.7782	18.0728	21.2526	18.0886	19.4002	4	0
8/19/2015	17:00:01	25.4138	18.3349	24.5661	21.4967	19.4002	4	0
8/19/2015	18:00:01	25.1879	18.7557	17.5437	26.1561	19.6044	4	0
8/19/2015	19:00:00	24.1626	18.7382	10.519	-0.833486	20.0128	4	0
8/19/2015	20:00:00	23.0625	18.4307	7.42966	1.29407	20.0128	4	0
8/19/2015	21:00:01	21.7728	18.0553	8.74706	8.67694	20.0128	4	0
8/19/2015	22:00:00	21.2499	17.5596	8.48604	8.91736	20.0128	4	0
8/19/2015	23:00:00	19.928	17.042	9.96196	10.6036	19.6044	4	0
8/20/2015	0:00:01	18.8479	16.3775	8.97258	7.39145	20.217	4	0
8/20/2015	1:00:01	16.8362	14.7342	6.50357	5.8289	20.4212	4	0
8/20/2015	2:00:00	15.4534	13.0367	8.24511	10.577	20.4212	4	0
8/20/2015	3:00:01	14.8153	11.6519	8.79977	9.67023	20.4212	4	0
8/20/2015	4:00:01	14.2434	10.7293	9.94458	13.73	20.4212	4	0
8/20/2015	5:00:00	14.2434	10.7293	9.94458	12.4235	20.8297	4	0
8/20/2015	6:00:00	13.9081	9.27869	13.1828	23.5774	20.217	4	0
8/20/2015	7:00:01	14.1726	9.77011	16.2152	20.9776	20.4212	4	0
8/20/2015	8:00:00	14.2931	10.2493	12.8241	13.7375	20.217	4	0
8/20/2015	9:00:01	14.5085	10.9135	16.3218	12.0035	20.4212	4	0
8/20/2015	10:00:01	14.9553	12.2425	23.9877	21.1048	20.217	4	0
8/20/2015	11:00:00	15.5373	13.9029	29.7531	23.6826	20.0128	4	0
8/20/2015	12:00:00	15.6799	14.8382	20.0241	21.2076	20.217	4	0
8/20/2015	13:00:01	15.4462	15.92	19.0251	24.3263	20.4212	4	0
8/20/2015	14:00:00	15.4462	15.92	19.0251	27.8447	19.6044	4	0
8/20/2015	15:00:00	14.8046	17.7409	18.124	21.3291	19.8086	4	0
8/20/2015	16:00:01	14.7496	18.5603	19.853	26.0531	19.6044	4	0
8/20/2015	17:00:01	14.432	19.0654	17.4362	16.6932	20.217	4	0
8/20/2015	18:00:00	14.5208	19.6135	20.4508	30.8977	20.0128	4	0
8/20/2015	19:00:00	14.7769	19.7133	19.8359	21.4501	19.8086	4	0
8/20/2015	20:00:01	16.6087	23.0076	54.646	19.0406	20.8297	4	0
8/20/2015	21:00:00	16.768	22.7456	14.2772	16.7197	20.8297	4	0
8/20/2015	22:00:00	17.1787	22.3348	19.3365	24.4167	21.0339	4	0
8/20/2015	23:00:01	17.7183	21.8258	23.2276	24.7477	20.8297	4	0

8/21/2015	0:00:01	18.5959	22.6962	30.072	30.7898	21.2381	4	0
8/21/2015	1:00:01	19.5441	23.6138	29.9552	30.3585	21.2381	4	0
8/21/2015	2:00:00	20.0762	23.7137	21.117	28.0066	21.6465	4	0
8/21/2015	3:00:01	21.0468	24.9285	32.2668	39.6316	21.0339	4	0
8/21/2015	4:00:01	21.7191	25.4847	25.6862	28.1126	21.6465	4	0
8/21/2015	5:00:02	22.8579	27.219	37.0838	28.1617	21.2381	4	0
8/21/2015	6:00:00	23.2701	27.4527	22.2555	19.1144	21.2381	4	0
8/21/2015	7:00:01	24.2456	28.9437	34.4125	68.3185	21.0339	4	0
8/21/2015	8:00:01	26.3072	29.2922	55.3105	63.1302	20.6255	4	0
8/21/2015	9:00:00	27.6943	32.0697	45.538	45.5251	21.0339	4	0
8/21/2015	10:00:01	28.6642	34.2788	44.9136	53.2951	20.8297	4	0
8/21/2015	11:00:01	29.3139	35.9555	41.8513	42.0459	21.0339	4	0
8/21/2015	12:00:00	30.2292	36.8431	41.5134	39.1385	20.8297	4	0
8/21/2015	13:00:00	31.5864	38.5045	50.341	65.8463	21.0339	4	0
8/21/2015	14:00:00	32.4527	40.1281	41.6479	39.5664	20.6255	4	0
8/21/2015	15:00:01	33.2939	40.5439	39.2267	51.7547	21.4423	4	0
8/21/2015	16:00:02	34.5523	42.4599	49.2209	52.9572	21.0339	4	0
8/21/2015	17:00:00	35.2437	42.1355	35.814	43.7509	21.2381	4	0
8/21/2015	18:00:00	36.73	44.9108	56.5683	67.7754	22.0549	4	0
8/21/2015	19:00:01	38.3722	47.2379	68.8863	107.412	22.0549	4	0
8/21/2015	20:00:00	37.5821	45.9901	46.5121	34.2463	22.2592	4	0
8/21/2015	21:00:00	39.0648	46.5494	54.0619	63.5903	22.4634	4	0
8/21/2015	22:00:01	40.386	47.0384	48.0684	42.2276	22.4634	4	0
8/21/2015	23:00:01	40.4387	45.9078	30.4919	45.0853	23.076	4	0
8/22/2015	0:00:00	40.5122	45.3458	35.214	19.0495	23.2802	4	0
8/22/2015	1:00:01	40.6341	44.126	34.8117	23.6243	23.8928	4	0
8/22/2015	2:00:01	40.7556	42.863	25.8519	17.9446	23.4844	4	0
8/22/2015	3:00:00	39.8046	40.6182	12.057	12.9838	23.4844	4	0
8/22/2015	4:00:00	39.1936	37.7686	14.739	13.7205	23.8928	4	0
8/22/2015	5:00:01	38.1994	35.99	12.8186	15.6369	24.3013	4	0
8/22/2015	6:00:01	37.8947	32.7629	15.9066	15.6846	23.6886	4	0
8/22/2015	7:00:00	37.7192	28.8535	14.0054	11.2079	23.6886	4	0
8/22/2015	8:00:01	36.9472	27.5275	27.4083	54.2042	23.076	4	0
8/22/2015	9:00:01	36.8425	26.232	37.5383	31.4401	23.2802	4	0

8/22/2015	10:00:00	36.9283	25.847	43.0291	48.3534	22.4634	4	0
8/22/2015	11:00:00	36.5086	25.9186	32.3427	36.5451	22.6676	4	0
8/22/2015	12:00:01	36.2696	25.8301	34.9495	33.2692	22.6676	4	0
8/22/2015	13:00:00	36.0339	26.4709	43.1925	44.6981	22.8718	4	0
8/22/2015	14:00:00	36.0388	27.6817	41.0439	31.8163	22.8718	4	0
8/22/2015	15:00:01	36.3	30.4245	45.2919	61.5812	22.6676	4	0
8/22/2015	16:00:01	36.5148	33.7025	54.8856	58.1259	22.8718	4	0
8/22/2015	17:00:00	36.9168	36.3477	44.6426	32.1644	23.076	4	0
8/22/2015	18:00:00	35.5344	37.1551	29.1247	19.6709	23.8929	4	0
8/22/2015	19:00:01	33.3422	37.6067	23.5595	26.4397	23.6886	4	0
8/22/2015	20:00:00	32.2272	37.1042	23.039	23.4086	24.5055	4	0
8/22/2015	21:00:00	30.9013	35.9672	24.5604	33.984	24.3013	4	0
8/22/2015	22:00:01	30.0921	34.7611	26.4056	18.2405	24.0971	4	0
8/22/2015	23:00:01	29.5868	33.65	18.3111	18.3936	24.3013	4	0
8/23/2015	0:00:01	29.6246	33.7899	35.4151	30.5427	24.7097	4	0
8/23/2015	1:00:01	29.5334	32.9842	32.3718	34.3815	24.0971	4	0
8/23/2015	2:00:00	29.8606	32.4853	34.652	38.7406	24.5055	4	0
8/23/2015	3:00:00	30.6096	31.341	31.3214	30.872	25.1181	4	0
8/23/2015	4:00:01	30.8572	28.6222	21.5084	23.0629	24.5055	4	0
8/23/2015	5:00:01	32.0635	28.4592	41.6937	70.7926	24.9139	4	0
8/23/2015	6:00:00	33.8787	30.9565	58.0346	44.9414	25.1181	4	0
8/23/2015	7:00:01	34.7419	31.8582	34.0351	18.7296	25.1181	4	0
8/23/2015	8:00:01	34.3867	31.5085	19.0323	22.5337	24.9139	4	0
8/23/2015	9:00:00	33.5895	30.747	13.5878	12.267	24.7097	4	0
8/23/2015	10:00:00	32.3236	29.7508	16.6091	21.3996	25.1181	4	0
8/23/2015	11:00:01	32.1375	30.4039	25.1521	27.9093	25.1181	4	0
8/23/2015	12:00:00	31.6932	29.3581	22.3238	29.869	25.1181	4	0
8/23/2015	13:00:00	31.2767	29.3187	31.5334	44.2766	24.9139	4	0
8/23/2015	14:00:01	31.6029	30.4297	48.0726	49.2515	24.7097	4	0
8/23/2015	15:00:01	31.2329	30.8189	36.5551	41.2342	24.7097	4	0
8/23/2015	16:00:00	30.0139	31.1181	25.4422	20.3183	24.3013	4	0
8/23/2015	17:00:00	29.1054	29.4527	21.8302	19.7236	24.3013	4	0
8/23/2015	18:00:01	28.5664	25.9959	17.7542	17.347	24.5055	4	0
8/23/2015	19:00:00	28.0274	24.3879	17.8318	23.4244	25.1181	4	0

8/23/2015	20:00:00	27.6613	24.1258	16.893	21.1104	25.5265	4	0
8/23/2015	21:00:01	27.3016	24.4578	18.5306	18.1142	25.3223	4	0
8/23/2015	22:00:01	26.6759	24.0879	12.6048	14.3041	25.935	4	0
8/23/2015	23:00:00	26.378	23.0601	13.3462	11.9049	26.1392	4	0
8/24/2015	0:00:01	25.4475	22.2954	12.7398	13.558	25.935	4	0
8/24/2015	1:00:01	24.5761	20.7142	12.276	12.535	26.1392	4	0
8/24/2015	2:00:00	23.6498	17.8325	12.1193	13.2152	25.935	4	0
8/24/2015	3:00:00	22.7981	15.839	12.0569	14.4602	26.1392	4	0
8/24/2015	4:00:01	22.4592	14.8281	12.2977	13.6205	25.5265	4	0
8/24/2015	5:00:01	21.2134	14.0039	11.4166	11.7463	25.935	4	0
8/24/2015	6:00:01	19.4629	13.7714	14.4563	22.6872	25.935	4	0
8/24/2015	7:00:01	18.7335	13.5015	13.6125	16.2112	25.5266	4	0
8/24/2015	8:00:00	18.5765	13.2076	12.3925	17.2119	25.935	4	0
8/24/2015	9:00:00	18.7589	12.9127	13.7782	13.6865	25.5266	4	0
8/24/2015	10:00:01	18.8269	13.239	15.9658	26.6848	24.9139	4	0
8/24/2015	11:00:01	18.6093	13.7159	19.0417	6.70939	24.9139	4	0
8/24/2015	12:00:00	18.6843	14.5634	22.6982	22.6164	25.935	4	0
8/24/2015	13:00:00	18.574	15.8907	28.3192	35.7313	24.7097	4	0
8/24/2015	14:00:01	18.3195	18.358	42.2177	40.876	25.3223	4	0
8/24/2015	15:00:01	18.0385	19.7485	28.4126	25.293	25.1181	4	0
8/24/2015	16:00:00	18.0313	20.8511	26.6866	23.0731	25.7308	4	0
8/24/2015	17:00:00	18.0497	21.7119	21.8504	24.6538	25.1181	4	0
8/24/2015	18:00:01	18.1745	22.2675	22.8243	34.9689	25.3223	4	0
8/24/2015	19:00:00	18.237	22.778	21.0246	14.6459	25.7308	4	0
8/24/2015	20:00:00	18.1414	23.0162	16.6821	13.9047	25.7308	4	0
8/24/2015	21:00:01	17.8375	22.8443	12.428	18.3597	25.935	4	0
8/24/2015	22:00:01	17.8318	22.5833	12.972	9.40192	25.935	4	0
8/24/2015	23:00:00	17.8318	22.5833	12.972	19.5353	25.935	4	0
8/25/2015	0:00:01	17.7877	21.2673	12.2861	12.5005	25.935	4	0
8/25/2015	1:00:01	17.6776	19.7895	10.3823	12.801	26.3434	4	0
8/25/2015	2:00:00	17.5959	17.2079	10.3873	12.7963	26.5476	4	0
8/25/2015	3:00:00	17.5792	15.9938	14.1749	15.6776	26.1392	4	0
8/25/2015	4:00:01	17.6193	14.9367	13.2786	13.7432	26.5476	4	0
8/25/2015	5:00:01	17.7039	14.3272	14.2113	11.084	26.1392	4	0

8/25/2015	6:00:00	17.6737	13.6083	13.6018	17.2964	26.1392	4	0
8/25/2015	7:00:01	17.933	13.3624	16.6586	17.6058	25.5265	4	0
8/25/2015	8:00:01	17.9359	12.8988	10.3416	7.92499	26.1392	4	0
8/25/2015	9:00:00	17.922	12.9031	12.0881	12.1856	25.935	4	0
8/25/2015	10:00:00	17.7972	12.8451	12.1045	13.176	25.5266	4	0
8/25/2015	11:00:01	17.4878	12.6236	10.1976	-0.805964	25.5265	4	0
8/25/2015	12:00:00	17.0055	12.4559	10.1357	-2.32318	25.1181	4	0
8/25/2015	13:00:00	16.2377	12.3797	9.55036	5.78753	25.7308	4	0
8/25/2015	14:00:01	15.0833	12.6197	12.8813	22.2411	25.1181	4	0
8/25/2015	15:00:01	14.4381	12.4744	12.7631	14.6454	25.5266	4	0
8/25/2015	16:00:00	14.4381	12.4744	12.7631	23.8792	25.7308	4	0
8/25/2015	17:00:00	13.5631	12.4106	13.6845	29.6182	25.5265	4	0
8/25/2015	18:00:01	13.2243	12.5244	15.7312	20.4688	25.3223	4	0
8/25/2015	19:00:00	13.0687	12.601	18.216	20.5548	25.3223	4	0
8/25/2015	20:00:00	12.8716	12.7581	12.5186	10.3933	25.1181	4	0
8/25/2015	21:00:01	12.8118	12.6952	11.6442	12.6812	25.5265	4	0
8/25/2015	22:00:01	12.6998	12.5841	11.1393	18.0003	26.3434	4	0
8/25/2015	23:00:01	12.532	12.526	9.68699	13.1595	25.7308	4	0
8/26/2015	0:00:00	12.4561	12.5909	11.1494	9.26099	26.1392	4	0
8/26/2015	1:00:00	12.3292	12.4449	8.03663	-3.44881	26.3434	4	0
8/26/2015	2:00:01	12.0813	11.8063	5.50129	4.95877	26.1392	4	0
8/26/2015	3:00:01	11.6735	11.1976	5.85735	8.12668	26.5476	4	0
8/26/2015	4:00:00	11.4429	10.7726	8.62537	8.03832	27.1602	4	0
8/26/2015	5:00:01	11.1852	10.306	7.44126	6.37234	26.956	4	0
8/26/2015	6:00:01	11.0976	9.93248	10.4042	12.5403	26.5476	4	0
8/26/2015	7:00:00	10.8943	9.42021	11.7203	14.0063	27.3645	4	0
8/26/2015	8:00:00	10.9814	9.39168	11.7469	6.42037	26.5476	4	0
8/26/2015	9:00:01	10.968	9.36767	10.9579	16.8637	26.1392	4	0
8/26/2015	10:00:01	10.8936	9.24204	9.16232	8.02762	25.935	4	0
8/26/2015	11:00:00	10.8604	9.21733	9.41012	10.0963	26.1392	4	0
8/26/2015	12:00:00	10.8042	9.01268	8.70389	1.56404	26.3434	4	0
8/26/2015	13:00:01	10.826	9.14411	9.4254	12.1042	26.1392	4	0
8/26/2015	14:00:00	10.5763	9.20724	5.99481	10.8093	25.5265	4	0
8/26/2015	15:00:00	10.3546	9.33821	7.61552	4.38156	25.935	4	0

8/26/2015	16:00:01	10.2738	9.55844	11.282	14.4442	26.1392	4	0
8/26/2015	17:00:01	10.2084	9.89443	11.2585	9.87481	25.5265	4	0
8/26/2015	18:00:00	10.0368	9.99765	12.0491	10.5992	25.935	4	0
8/26/2015	19:00:00	9.96499	10.4838	18.9797	21.9202	27.1602	4	0
8/26/2015	20:00:01	9.95434	10.5474	12.9712	15.3873	26.956	4	0
8/26/2015	21:00:01	9.90549	10.5161	10.7632	10.1304	27.1602	4	0
8/26/2015	22:00:00	9.80195	10.4746	8.64583	8.5952	26.956	4	0
8/26/2015	23:00:01	9.7921	10.5006	9.94246	8.47622	26.7518	4	0
8/27/2015	0:00:01	9.66462	10.4543	8.15438	9.48549	26.956	4	0
8/27/2015	1:00:00	9.65233	10.3194	7.63689	6.99403	27.3645	4	0
8/27/2015	2:00:00	9.7263	10.4407	7.50206	10.2548	27.3645	4	0
8/27/2015	3:00:01	9.76927	10.4094	7.37884	6.33829	27.5687	4	0
8/27/2015	4:00:01	9.70106	10.0841	7.24514	8.72402	27.7729	4	0
8/27/2015	5:00:00	9.80682	10.0064	10.0522	14.6697	27.5687	4	0
8/27/2015	6:00:01	9.9891	10.2478	14.5528	15.2101	27.5687	4	0
8/27/2015	7:00:01	10.1849	9.95351	14.1502	13.6606	27.3645	4	0
8/27/2015	8:00:00	10.4051	10.1817	14.6291	21.3248	26.5476	4	0
8/27/2015	9:00:00	11.0199	11.3465	24.0921	28.5474	26.3434	4	0
8/27/2015	10:00:01	11.53	12.3681	20.6353	20.145	25.935	4	0
8/27/2015	11:00:00	11.53	12.3681	20.6353	26.9482	25.935	4	0
8/27/2015	12:00:00	12.7818	14.8219	21.3534	10.2134	26.3434	4	0
8/27/2015	13:00:01	13.3342	16.048	22.1844	27.1709	26.1392	4	0
8/27/2015	14:00:01	14.1914	17.5699	24.9152	18.8834	25.5265	4	0
8/27/2015	15:00:00	14.7474	18.7013	21.453	18.4701	25.7308	4	0
8/27/2015	16:00:00	15.292	20.1044	23.9637	30.9075	25.935	4	0
8/27/2015	17:00:01	15.5394	20.6887	17.8296	18.8289	26.3434	4	0
8/27/2015	18:00:00	15.6513	20.718	16.9871	24.727	26.3434	4	0
8/27/2015	19:00:00	15.7578	21.4026	24.6458	34.4409	26.7518	4	0
8/27/2015	20:00:01	16.2303	22.262	26.331	24.9532	27.1602	4	0
8/27/2015	21:00:01	16.7671	22.2863	25.2053	23.441	27.5687	4	0
8/27/2015	22:00:00	17.1409	22.106	19.1556	18.8311	27.5687	4	0
8/27/2015	23:00:01	17.5529	21.6338	20.157	22.1359	27.5687	4	0
8/28/2015	0:00:01	18.1109	21.7054	21.9726	27.0615	27.9771	4	0
8/28/2015	1:00:00	18.1109	21.7054	21.9726	20.8472	28.1813	4	0

8/28/2015	2:00:00	19.1966	21.2911	20.452	24.7769	27.5687	4	0
8/28/2015	3:00:01	19.7903	21.3494	21.4467	20.9974	27.9771	4	0
8/28/2015	4:00:01	20.2831	20.986	18.7065	21.4394	28.1813	4	0
8/28/2015	5:00:00	20.6199	21.0872	18.919	19.1002	27.9771	4	0
8/28/2015	6:00:01	20.7973	21.2489	18.1487	17.0037	27.9771	4	0
8/28/2015	7:00:01	21.0879	20.9811	21.1201	25.077	27.5687	4	0
8/28/2015	8:00:00	21.6194	20.9868	25.382	35.8189	27.3645	4	0
8/28/2015	9:00:00	22.5707	22.6425	43.8367	46.2853	27.9771	4	0
8/28/2015	10:00:01	23.9125	25.3064	50.0826	46.8829	27.1602	4	0
8/28/2015	11:00:00	24.5766	27.0013	39.5422	48.7978	27.5687	4	0
8/28/2015	12:00:00	26.0251	29.7498	54.738	70.6183	27.1602	4	0
8/28/2015	13:00:01	26.764	31.3969	40.2375	31.9265	27.3645	4	0
8/28/2015	14:00:01	26.9174	32.029	28.5878	24.9883	27.5687	4	0
8/28/2015	15:00:00	27.101	32.3508	25.8365	25.6415	27.5687	4	0
8/28/2015	16:00:00	27.3977	33.3638	31.7282	40.9809	27.7729	4	0
8/28/2015	17:00:01	27.5284	33.5143	21.5327	23.9873	27.3645	4	0
8/28/2015	18:00:00	27.8355	34.0287	25.1236	26.3004	27.5687	4	0
8/28/2015	19:00:00	27.6725	34.0531	23.1659	30.4089	28.1813	4	0
8/28/2015	20:00:01	27.5823	33.9222	23.5247	21.5233	28.3855	4	0
8/28/2015	21:00:01	27.3006	31.8631	20.2226	16.7584	28.794	4	0
8/28/2015	22:00:00	27.2918	29.3051	19.4099	22.4547	28.5897	4	0
8/28/2015	23:00:01	27.149	27.5322	18.9417	26.1623	28.5897	4	0
8/29/2015	0:00:01	26.9146	24.4466	17.3289	18.4895	29.2024	4	0
8/29/2015	1:00:00	26.6646	22.3449	14.8162	15.0337	28.9982	4	0
8/29/2015	2:00:00	26.395	21.164	13.9494	19.2629	29.2024	4	0
8/29/2015	3:00:01	26.0369	20.164	13.7607	22.9263	28.5897	4	0
8/29/2015	4:00:01	25.8832	18.793	14.7325	18.753	28.9982	4	0
8/29/2015	5:00:00	25.7722	18.4417	17.3997	19.9258	29.6108	4	0
8/29/2015	6:00:01	25.7056	17.7284	16.1197	33.7453	28.9982	4	0
8/29/2015	7:00:01	26.7275	19.4709	43.125	37.7695	28.7939	4	0
8/29/2015	8:00:00	27.114	20.3403	33.3954	37.6039	28.9982	4	0
8/29/2015	9:00:00	26.608	21.0934	27.8156	28.4303	28.3855	4	0
8/29/2015	10:00:01	25.5712	21.6736	27.1217	27.6244	28.3855	4	0
8/29/2015	11:00:00	25.1311	22.4163	27.3351	29.7928	28.9982	4	0

8/29/2015	12:00:00	23.7574	22.7668	21.7049	15.7611	28.794	4	0
8/29/2015	13:00:01	23.3487	23.9762	28.6087	24.6047	28.3855	4	0
8/29/2015	14:00:01	23.2654	24.9479	24.8524	29.337	28.5897	4	0
8/29/2015	15:00:00	23.4323	26.2783	29.9151	31.0396	28.3855	4	0
8/29/2015	16:00:00	23.2462	27.4247	30.4252	26.3273	28.3855	4	0
8/29/2015	17:00:01	23.2294	27.7666	22.5887	23.2643	28.3855	4	0
8/29/2015	18:00:00	23.0932	28.2493	22.38	19.2048	28.3855	4	0
8/29/2015	19:00:00	22.7466	25.9536	17.1936	14.114	28.3855	4	0
8/29/2015	20:00:01	22.5538	24.7196	18.307	20.4708	28.9982	4	0
8/29/2015	21:00:01	22.3908	23.8388	17.9402	18.9632	29.4066	4	0
8/29/2015	22:00:01	22.2929	23.0186	17.2276	21.4903	28.9982	4	0
8/29/2015	23:00:00	22.2256	22.2182	17.6311	20.4815	29.2024	4	0
8/30/2015	0:00:00	22.249	21.9313	18.2008	17.9973	29.2024	4	0
8/30/2015	1:00:01	22.5223	21.3526	21.1968	18.2988	28.5897	4	0
8/30/2015	2:00:01	22.9066	21.2793	23.8685	29.2904	29.2024	4	0
8/30/2015	3:00:00	23.0698	20.3447	18.5037	20.1563	29.2024	4	0
8/30/2015	4:00:01	23.0301	19.001	13.9535	16.969	29.2024	4	0
8/30/2015	5:00:01	23.0891	18.7193	19.0307	16.5751	28.9982	4	0
8/30/2015	6:00:00	23.1777	18.4858	19.964	19.281	29.6108	4	0
8/30/2015	7:00:00	22.1385	18.5105	16.9713	22.5956	29.6108	4	0
8/30/2015	8:00:01	21.3254	18.0798	12.5413	14.4692	29.6108	4	0
8/30/2015	9:00:00	20.8648	17.8466	14.1714	14.4168	29.2024	4	0
8/30/2015	10:00:00	20.4363	17.623	13.0964	15.1832	28.9982	4	0
8/30/2015	11:00:00	19.8079	17.171	12.4326	15.0976	29.2024	4	0
8/30/2015	12:00:00	19.5786	16.9132	14.6572	14.1466	29.2024	4	0
8/30/2015	13:00:00	19.0332	16.4486	16.1372	20.258	28.794	4	0
8/30/2015	14:00:00	18.6395	15.6489	14.143	11.5385	29.2024	4	0
8/30/2015	15:00:01	17.9851	15.2617	14.1693	10.3167	28.794	4	0
8/30/2015	16:00:00	17.2448	15.0808	11.4577	11.6182	28.3855	4	0
8/30/2015	17:00:01	16.7707	14.421	11.5652	16.8572	28.794	4	0
8/30/2015	18:00:01	16.5078	14.2167	19.0537	23.9901	29.2024	4	0
8/30/2015	19:00:00	16.546	14.4849	21.8351	18.1815	29.6108	4	0
8/30/2015	20:00:01	16.7198	15.3665	23.6677	35.5048	29.6108	4	0
8/30/2015	21:00:01	16.6515	15.5774	16.9399	24.6654	29.4066	4	0

8/30/2015	22:00:00	16.7253	16.1337	20.1581	18.3843	30.0192	4	0
8/30/2015	23:00:01	16.6517	16.443	16.1426	23.2608	30.0192	4	0
8/31/2015	0:00:01	16.3225	16.1009	10.341	18.4915	30.0192	4	0
8/31/2015	1:00:01	15.8755	15.6585	10.7116	1.44284	30.2234	4	0
8/31/2015	2:00:00	15.5174	15.7504	14.7906	11.3055	30.0192	4	0
8/31/2015	3:00:01	15.0824	15.2866	8.62974	3.14788	30.6319	4	0
8/31/2015	4:00:01	15.168	15.687	16.0364	21.2778	30.8361	4	0
8/31/2015	5:00:00	14.9079	15.8092	12.8532	11.8587	30.4276	4	0
8/31/2015	6:00:00	14.5562	15.2025	11.2647	4.87135	30.8361	4	0
8/31/2015	7:00:01	14.6603	14.9186	16.9928	18.2941	30.0192	4	0
8/31/2015	8:00:00	15.1416	14.8088	20.8158	23.1786	30.0192	4	0
8/31/2015	9:00:00	15.8188	15.7343	26.3113	28.2655	28.9982	4	0
8/31/2015	10:00:01	16.6273	16.5986	29.7587	37.4666	28.3855	4	0
8/31/2015	11:00:01	17.0568	17.0485	21.3439	28.5614	28.3855	4	0
8/31/2015	12:00:00	17.8737	19.0224	34.2611	43.7779	28.9982	4	0
8/31/2015	13:00:00	18.8114	21.2998	37.8377	57.1814	29.2024	4	0
8/31/2015	14:00:01	20.749	25.0661	60.2213	60.6789	28.794	4	0
8/31/2015	15:00:00	21.8097	27.6413	39.788	43.9175	28.9982	4	0
8/31/2015	16:00:00	23.0378	29.6661	41.0459	43.6383	28.794	4	0
8/31/2015	17:00:01	24.5347	32.5181	47.6267	63.2355	29.2024	4	0
8/31/2015	18:00:01	25.9778	36.1809	59.146	79.3196	28.7939	4	0
8/31/2015	19:00:00	26.7084	38.2331	47.8549	46.7444	29.815	4	0
8/31/2015	20:00:01	27.1072	39.3558	36.8391	45.1526	30.0192	4	0
8/31/2015	21:00:01	27.7621	39.9413	33.711	34.684	30.4277	4	0
8/31/2015	22:00:00	27.972	39.6617	26.7126	26.2699	30.2234	4	0
8/31/2015	23:00:00	28.8743	41.0823	37.5034	62.5809	29.815	4	0
9/1/2015	0:00:01	31.1159	43.6006	62.0888	42.2357	30.4277	4	0
9/1/2015	1:00:01	33.1784	45.5538	60.1651	55.3983	30.2234	4	0
9/1/2015	2:00:00	34.3922	44.3632	44.4354	34.7466	30.2234	4	0
9/1/2015	3:00:01	35.6215	44.3056	37.5916	40.1643	30.0192	4	0
9/1/2015	4:00:01	36.8204	44.7663	45.9644	48.4291	30.4277	4	0
9/1/2015	5:00:00	37.8821	44.2222	41.3343	26.0035	30.4276	4	0
9/1/2015	6:00:00	38.5446	41.7495	29.0893	39.8568	30.4276	4	0
9/1/2015	7:00:01	39.8535	41.5902	42.3491	34.7781	30.4276	4	0

9/1/2015	8:00:06	0	0	0	0	18.9918	1	0
9/1/2015	9:00:00	0	0	0	0	19.196	3	0
9/1/2015	10:00:01	0	0	0	35.1886	19.8086	4	0
9/1/2015	11:00:01	0	0	0	46.7854	18.9918	4	0
9/1/2015	12:00:00	0	0	46.0303	43.4962	19.4002	4	0
9/1/2015	13:00:00	0	0	58.7331	87.2422	19.6044	4	0
9/1/2015	14:00:01	0	0	81.3808	80.6211	19.6044	4	0
9/1/2015	15:00:00	0	0	60.1904	51.6074	19.6044	4	0
9/1/2015	16:00:00	0	0	52.6019	94.1194	19.6044	4	0
9/1/2015	17:00:01	0	0	36.7822	32.9897	19.8086	4	0
9/1/2015	18:00:01	0	0	44.1783	61.454	20.0128	4	0
9/1/2015	19:00:00	0	0	77.5782	89.6468	19.8086	4	0
9/1/2015	20:00:01	0	0	70.0767	64.1817	20.6255	4	0
9/1/2015	21:00:01	0	0	58.1693	61.5323	20.6255	4	0
9/1/2015	22:00:00	0	0	58.068	48.2024	20.217	4	0
9/1/2015	23:00:00	0	55.734	36.9573	32.4883	20.217	4	0
9/2/2015	0:00:01	0	53.8876	25.503	24.3814	20.4212	4	0
9/2/2015	1:00:01	0	50.9227	24.0988	28.1423	20.8297	4	0
9/2/2015	2:00:00	0	46.4612	25.3831	25.1869	21.0339	4	0
9/2/2015	3:00:01	0	44.2658	32.1751	32.7309	20.8297	4	0
9/2/2015	4:00:01	0	42.4526	29.5482	29.7381	21.4423	4	0
9/2/2015	5:00:00	0	42.4526	29.5482	47.9906	21.0339	4	0
9/2/2015	6:00:00	0	42.7505	46.8623	67.3359	21.6465	4	0
9/2/2015	7:00:01	0	40.052	41.1693	35.1787	21.4423	4	0
9/2/2015	8:00:00	0	38.2093	43.0834	35.2277	21.2381	4	0
9/2/2015	9:00:00	0	36.5453	35.7481	42.5629	20.6255	4	0
9/2/2015	10:00:01	0	37.8165	70.9043	94.5783	20.8297	4	0
9/2/2015	11:00:01	47.7386	38.378	42.041	41.6456	20.4212	4	0
9/2/2015	12:00:00	47.7961	40.1308	47.1908	44.7523	20.4212	4	0
9/2/2015	13:00:00	47.91	43.1852	61.491	87.3308	20.6255	4	0
9/2/2015	14:00:01	46.5482	44.9119	45.6297	55.0204	20.217	4	0
9/2/2015	15:00:00	45.8731	45.7833	43.6668	55.3081	20.8297	4	0
9/2/2015	16:00:00	44.7711	45.544	29.5811	38.116	21.0339	4	0
9/2/2015	17:00:01	44.4494	45.1877	32.5422	33.0048	21.4423	4	0

9/2/2015	18:00:01	44.0091	44.0276	35.1264	47.9176	21.6465	4	0
9/2/2015	19:00:00	41.6164	42.683	31.3545	30.465	22.4634	4	0
9/2/2015	20:00:01	39.864	41.632	33.3961	35.5011	22.0549	4	0
9/2/2015	21:00:01	39.0654	41.9996	41.0536	51.2713	22.2592	4	0
9/2/2015	22:00:00	38.692	40.2203	47.4243	61.6232	22.0549	4	0
9/2/2015	23:00:00	38.937	40.4571	44.97	47.0321	22.6676	4	0
9/3/2015	0:00:01	39.4543	39.806	38.3494	40.7616	22.8718	4	0
9/3/2015	1:00:01	39.7288	37.4858	33.0058	40.9458	23.076	4	0
9/3/2015	2:00:00	40.0332	36.6802	35.8998	42.0131	23.076	4	0
9/3/2015	3:00:01	40.3151	36.3828	38.2949	43.6551	23.4844	4	0
9/3/2015	4:00:01	40.599	36.987	35.5615	27.4727	23.6886	4	0
9/3/2015	5:00:00	40.2549	36.6629	29.4158	31.4409	24.0971	4	0
9/3/2015	6:00:00	40.0123	37.0904	37.9156	57.2022	23.4844	4	0
9/3/2015	7:00:01	40.3958	38.4684	45.1551	47.6073	23.6886	4	0
9/3/2015	8:00:00	40.3673	38.8349	33.908	34.2111	24.0971	4	0
9/3/2015	9:00:00	40.7403	38.7441	36.7917	38.0213	23.2802	4	0
9/3/2015	10:00:01	39.4704	37.8681	35.4588	38.1907	23.6886	4	0
9/3/2015	11:00:01	39.2075	36.845	32.2332	33.6309	23.076	4	0
9/3/2015	12:00:00	38.6821	36.3471	32.4561	44.7177	23.2802	4	0
9/3/2015	13:00:00	37.5538	36.3259	33.0929	40.8718	23.076	4	0
9/3/2015	14:00:01	37.1885	36.2396	35.54	26.0595	22.8718	4	0
9/3/2015	15:00:00	36.5544	35.2733	27.8021	30.6551	23.076	4	0
9/3/2015	16:00:00	36.7616	35.1853	36.7773	42.0126	23.4844	4	0
9/3/2015	17:00:01	36.0352	34.0112	17.3936	14.5254	23.4844	4	0
9/3/2015	18:00:01	35.856	33.4788	34.1818	45.4347	23.2802	4	0
9/3/2015	19:00:00	35.1065	31.3181	25.1728	23.3471	24.3013	4	0
9/3/2015	20:00:01	34.8082	30.8653	29.9991	34.0737	24.3013	4	0
9/3/2015	21:00:01	34.252	30.2955	30.6998	35.587	24.9139	4	0
9/3/2015	22:00:01	33.2709	29.4042	24.1902	24.1746	24.3013	4	0
9/3/2015	23:00:00	32.1802	28.4986	21.8586	22.4651	25.3223	4	0
9/4/2015	0:00:01	31.3686	27.5062	20.1414	22.0501	25.1181	4	0
9/4/2015	1:00:01	30.7754	26.4918	20.5833	18.0062	25.5265	4	0
9/4/2015	2:00:00	30.0822	25.2915	20.1836	20.5636	26.1392	4	0
9/4/2015	3:00:00	29.2487	24.6592	19.7562	19.8627	25.7308	4	0

9/4/2015	4:00:01	28.4396	23.0843	16.7318	16.0905	25.5265	4	0
9/4/2015	5:00:00	27.9366	23.1513	17.7969	20.6547	26.1392	4	0
9/4/2015	6:00:00	26.9978	21.6939	15.7102	17.073	26.3434	4	0
9/4/2015	7:00:01	26.1781	21.4466	19.6606	22.6594	26.1392	4	0
9/4/2015	8:00:01	25.8652	20.8908	21.3265	28.3648	25.5265	4	0
9/4/2015	9:00:00	25.4172	20.2694	22.0113	17.8288	25.3223	4	0
9/4/2015	10:00:00	25.352	20.8307	29.7487	33.7533	25.1181	4	0
9/4/2015	11:00:01	25.7137	22.189	37.2572	46.9746	25.3223	4	0
9/4/2015	12:00:00	26.0879	23.8686	40.4729	29.5321	25.3223	4	0
9/4/2015	13:00:00	26.0909	24.758	30.9531	24.7872	24.7097	4	0
9/4/2015	14:00:01	26.1931	26.1187	36.5888	41.7168	25.5265	4	0
9/4/2015	15:00:00	26.2728	26.9154	30.4584	31.8277	25.935	4	0
9/4/2015	16:00:00	25.9523	27.8767	28.6691	30.5715	25.7308	4	0
9/4/2015	17:00:01	26.1879	28.2903	23.8666	23.5669	25.935	4	0
9/4/2015	18:00:01	26.0368	29.726	36.9605	45.3078	25.935	4	0
9/4/2015	19:00:00	26.1127	30.5027	32.3094	22.4616	26.7518	4	0
9/4/2015	20:00:01	26.093	31.2682	32.0072	53.7146	27.1602	4	0
9/4/2015	21:00:01	26.2757	32.4536	37.5715	39.9453	27.5687	4	0
9/4/2015	22:00:00	26.509	32.5742	32.1966	39.9506	27.7729	4	0
9/4/2015	23:00:00	26.6342	31.6319	25.1538	23.3249	28.1813	4	0
9/5/2015	0:00:01	26.5006	29.8507	19.2256	20.426	28.3855	4	0
9/5/2015	1:00:01	27.0587	30.2059	34.3478	30.1749	27.9771	4	0
9/5/2015	2:00:00	27.1066	29.1339	23.4315	17.9731	28.3855	4	0
9/5/2015	3:00:01	27.8603	29.8148	37.0118	22.7718	28.794	4	0
9/5/2015	4:00:01	28.2728	29.7361	26.5798	50.0052	28.9982	4	0
9/5/2015	5:00:00	29.1029	31.0171	39.0025	33.9274	28.9982	4	0
9/5/2015	6:00:00	30.6843	32.3706	50.5736	46.5811	29.2024	4	0
9/5/2015	7:00:01	32.3314	34.5649	57.0992	82.5602	29.2024	4	0
9/5/2015	8:00:00	32.8452	34.6836	32.7546	27.5466	29.6108	4	0
9/5/2015	9:00:00	33.6622	34.9088	38.897	48.1279	29.4066	4	0
9/5/2015	10:00:01	34.9502	37.165	58.5695	52.6368	29.4066	4	0
9/5/2015	11:00:01	36.0563	40.2118	60.5365	77.0947	29.2024	4	0
9/5/2015	12:00:00	38.0371	45.8571	87.1558	112.572	29.6108	4	0
9/5/2015	13:00:00	39.8193	48.9117	69.1654	67.8739	28.794	4	0

9/5/2015	14:00:01	41.0531	52.3654	65.2107	104.623	29.815	4	0
9/5/2015	15:00:00	42.3636	54.2614	59.1148	56.5053	29.815	4	0
9/5/2015	16:00:00	42.3132	54.4306	33.1839	23.0232	30.0192	4	0
9/5/2015	17:00:01	42.0183	52.4661	15.8848	14.3172	30.0192	4	0
9/5/2015	18:00:01	40.9572	49.2542	15.2794	6.08838	30.6319	4	0
9/5/2015	19:00:00	40.9572	49.2542	15.2794	14.6214	30.4277	4	0
9/5/2015	20:00:00	39.5029	44.4269	18.8865	21.1715	30.8361	4	0
9/5/2015	21:00:01	38.5751	42.4663	15.2504	18.2688	31.4487	4	0
9/5/2015	22:00:01	38.2798	39.6554	23.6275	24.4842	31.0403	4	0
9/5/2015	23:00:01	37.7478	35.8665	16.2509	13.5629	31.6529	4	0
9/6/2015	0:00:00	37.7664	30.2988	18.641	18.0475	31.4487	4	0
9/6/2015	1:00:01	37.3005	26.6267	24.1587	28.046	31.8571	4	0
9/6/2015	2:00:01	38.0136	24.6131	39.446	40.3319	31.6529	4	0
9/6/2015	3:00:00	38.9097	24.7013	59.0788	72.6571	32.2656	4	0
9/6/2015	4:00:00	41.4842	29.1783	85.6916	114.603	32.4698	4	0
9/6/2015	5:00:01	43.2276	34.5724	80.1219	116.14	32.2656	4	0
9/6/2015	6:00:00	44.649	40.6007	89.3402	50.2656	32.674	4	0
9/6/2015	7:00:00	45.4949	45.2483	70.3335	83.2895	32.674	4	0
9/6/2015	8:00:01	46.7065	48.4647	53.3104	52.2867	32.0614	4	0
9/6/2015	9:00:02	48.2545	53.1032	65.3097	85.0911	31.8571	4	0
9/6/2015	10:00:00	48.5048	56.3769	60.7793	67.0385	32.4698	4	0
9/6/2015	11:00:00	49.0879	61.138	71.3143	62.0514	31.2445	4	0
9/6/2015	12:00:01	47.911	64.5061	57.7025	58.9705	32.0614	4	0
9/6/2015	13:00:00	47.2442	66.8824	51.495	66.936	31.8571	4	0
9/6/2015	14:00:00	47.0069	68.4671	57.6578	55.5949	31.8571	4	0
9/6/2015	15:00:01	47.0503	68.4116	59.7024	78.9619	32.2656	4	0
9/6/2015	16:00:01	49.2465	68.2352	87.6692	96.0449	32.8782	4	0
9/6/2015	17:00:00	53.2747	70.7141	113.036	135.083	33.0824	4	0
9/6/2015	18:00:01	56.4303	70.9708	103.833	142.348	32.8782	4	0
9/6/2015	19:00:01	57.4553	69.2147	62.9485	45.1378	33.8993	4	0
9/6/2015	20:00:01	58.3405	68.4171	48.5666	47.371	34.9203	4	0
9/6/2015	21:00:00	59.2501	66.4425	44.9432	34.7723	34.9203	4	0
9/6/2015	22:00:00	61.8445	68.1496	72.9192	118.19	34.7161	4	0
9/6/2015	23:00:01	64.2768	68.6775	77.8625	63.8157	35.3287	4	0

9/7/2015	0:00:01	66.3388	69.664	68.0905	96.2969	34.9203	4	0
9/7/2015	1:00:00	68.3483	71.7134	76.912	94.0133	35.3287	4	0
9/7/2015	2:00:01	70.0044	73.6588	78.8961	91.0052	35.533	4	0
9/7/2015	3:00:01	69.7175	73.2444	52.8618	47.3873	35.533	4	0
9/7/2015	4:00:00	67.5494	69.1625	37.5594	46.4029	35.533	4	0
9/7/2015	5:00:00	66.1541	63.9801	47.0506	52.9855	35.9414	4	0
9/7/2015	6:00:01	65.4899	61.5981	71.6036	69.2135	35.7372	4	0
9/7/2015	7:00:00	65.3264	61.6965	61.2796	54.3716	35.7372	4	0
9/7/2015	8:00:00	66.427	64.1537	76.9439	77.2542	35.7372	4	0
9/7/2015	9:00:01	65.5438	63.5716	33.8451	29.0275	35.533	4	0
9/7/2015	10:00:01	64.237	59.9856	31.6092	33.3768	35.1245	4	0
9/7/2015	11:00:00	62.5689	55.7025	24.5115	28.5118	34.9203	4	0
9/7/2015	12:00:00	61.4437	52.2567	25.7344	23.4679	34.7161	4	0
9/7/2015	13:00:01	60.8203	48.0908	23.4672	29.2765	34.7161	4	0
9/7/2015	14:00:00	59.3398	43.64	30.5352	39.4304	35.1245	4	0
9/7/2015	15:00:00	58.4224	42.393	39.913	24.2268	35.1245	4	0
9/7/2015	16:00:01	56.5983	42.378	35.649	32.1117	35.1245	4	0
9/7/2015	17:00:01	52.6822	40.3952	28.082	53.6333	35.533	4	0
9/7/2015	18:00:00	50.2668	38.3706	50.0896	38.7021	36.1456	4	0
9/7/2015	19:00:01	48.709	35.7425	32.3605	32.6449	36.3498	4	0
9/7/2015	20:00:01	48.2221	32.4652	37.6608	44.4774	36.1456	4	0
9/7/2015	21:00:00	47.995	33.1917	43.3837	31.7871	35.9414	4	0
9/7/2015	22:00:00	46.3174	33.359	33.8235	35.5942	36.9624	4	0
9/7/2015	23:00:01	44.7203	34.5923	38.8518	31.5908	36.7582	4	0
9/8/2015	0:00:01	43.0672	34.9575	30.6564	25.0046	36.9625	4	0
9/8/2015	1:00:00	42.0526	37.2324	48.7043	53.4669	37.1667	4	0
9/8/2015	2:00:01	41.3627	39.8749	61.2356	64.1708	36.7582	4	0
9/8/2015	3:00:01	42.5899	43.4787	82.7232	68.9389	36.554	4	0
9/8/2015	4:00:00	43.3876	45.1966	54.2959	55.6407	36.7582	4	0
9/8/2015	5:00:00	43.7437	47.5175	55.4776	51.2695	36.7582	4	0
9/8/2015	6:00:01	42.591	47.0823	45.0327	45.6282	37.1667	4	0
9/8/2015	7:00:00	41.5631	47.3801	35.1105	36.4258	37.1667	4	0
9/8/2015	8:00:00	40.0718	47.506	36.666	34.9581	36.7582	4	0
9/8/2015	9:00:01	41.0729	48.326	47.985	43.4058	35.9414	4	0

9/8/2015	10:00:01	41.8901	49.7773	52.5245	45.89	36.7582	4	0
9/8/2015	11:00:00	42.4599	50.2078	53.5599	25.2105	36.9624	4	0
9/8/2015	12:00:00	41.6968	48.2192	6.8469	13.1365	37.3709	4	0
9/8/2015	13:00:01	41.7338	46.1044	22.9686	14.3868	37.5751	4	0
9/8/2015	14:00:00	41.1804	42.3876	16.7889	31.85	37.3709	4	0
9/8/2015	15:00:00	40.6773	37.6512	25.1951	20.6458	37.5751	4	0
9/8/2015	16:00:01	39.6526	34.0441	11.6416	11.65	37.9835	4	0
9/8/2015	17:00:01	39.2025	30.8188	16.725	16.7492	35.9414	4	0
9/8/2015	18:00:00	37.7632	28.4882	18.1997	23.1241	37.7793	4	0
9/8/2015	19:00:01	37.0188	26.8405	15.683	7.82296	37.9835	4	0
9/8/2015	20:00:01	35.6975	24.3589	6.93559	4.46231	37.3709	4	0
9/8/2015	21:00:00	35.6975	24.3589	6.93559	13.9717	37.7793	4	0
9/8/2015	22:00:00	33.1144	17.7644	10.2865	3.63417	37.7793	4	0
9/8/2015	23:00:01	32.0485	14.4577	13.3683	16.7638	37.5751	4	0
9/9/2015	0:00:01	31.2332	14.9938	13.8057	14.9895	38.5961	4	0
9/9/2015	1:00:00	30.1491	14.8479	20.5777	24.8482	37.5751	4	0
9/9/2015	2:00:01	28.282	14.881	17.3315	12.3734	38.5961	4	0
9/9/2015	3:00:01	25.6733	14.4523	19.799	18.7769	37.9835	4	0
9/9/2015	4:00:00	24.2689	15.1464	19.8567	24.2227	38.3919	4	0
9/9/2015	5:00:00	22.7475	15.2893	18.2373	15.2476	39.0046	4	0
9/9/2015	6:00:01	21.4503	14.9201	13.6678	9.54274	38.5961	4	0
9/9/2015	7:00:00	20.6561	14.8847	14.8836	15.5534	38.3919	4	0
9/9/2015	8:00:00	19.8516	15.6144	15.1657	17.8491	38.1877	4	0
9/9/2015	9:00:01	18.534	15.8596	12.2124	8.3376	37.9835	4	0
9/9/2015	10:00:01	17.1244	16.3948	16.1562	16.8795	36.9625	4	0
9/9/2015	11:00:00	15.5625	16.5596	15.0015	15.2713	37.5751	4	0
9/9/2015	12:00:00	15.8406	16.4895	12.6998	11.0741	37.1667	4	0
9/9/2015	13:00:01	15.5982	16.1049	15.2953	14.2103	37.3709	4	0
9/9/2015	14:00:00	15.208	15.2455	7.21596	8.80307	37.1667	4	0
9/9/2015	15:00:00	14.5908	14.3896	9.51106	26.4323	37.3709	4	0
9/9/2015	16:00:01	14.483	13.4605	9.28303	9.38256	36.7582	4	0
9/9/2015	17:00:01	14.3645	13.0656	13.9413	14.7358	36.9624	4	0
9/9/2015	18:00:00	14.5695	14.0512	27.7274	31.209	38.1877	4	0
9/9/2015	19:00:01	14.9005	14.9129	26.8892	25.596	38.5961	4	0

9/9/2015	20:00:01	15.4062	15.2958	20.3416	19.7193	39.0046	4	0
9/9/2015	21:00:00	16.2308	16.8528	31.4073	54.6666	39.2088	4	0
9/9/2015	22:00:00	16.4864	16.9159	16.911	21.2067	39.6172	4	0
9/9/2015	23:00:01	16.8312	17.4957	21.7963	35.5158	40.2298	4	0
9/10/2015	0:00:01	16.8621	17.6939	15.1871	17.9075	39.6172	4	0
9/10/2015	1:00:00	16.827	18.0905	19.7623	20.5362	40.0256	4	0
9/10/2015	2:00:01	16.8143	18.8987	16.7115	13.768	39.6172	4	0
9/10/2015	3:00:01	16.6241	19.4026	15.7075	16.8962	40.6383	4	0
9/10/2015	4:00:00	16.6241	19.4026	15.7075	16.0759	40.2298	4	0
9/10/2015	5:00:00	16.6277	20.629	10.5277	20.1285	39.8214	4	0
9/10/2015	6:00:01	17.3833	21.0088	31.5636	36.9546	40.0256	4	0
9/10/2015	7:00:00	18.4891	22.1226	38.079	42.8302	39.413	4	0
9/10/2015	8:00:00	19.8204	24.2829	45.1758	47.5779	39.2088	4	0
9/10/2015	9:00:01	20.8775	24.6362	33.8074	36.1828	39.0046	4	0
9/10/2015	10:00:01	21.293	25.2534	22.517	16.8376	39.0046	4	0
9/10/2015	11:00:00	21.381	24.7892	16.3737	31.9217	38.3919	4	0
9/10/2015	12:00:00	21.4639	24.9165	20.4922	22.7768	39.413	4	0
9/10/2015	13:00:01	21.4447	24.7132	21.8321	6.68117	40.8425	4	0
9/10/2015	14:00:01	21.6661	24.1742	7.67626	1.89521	39.8214	4	0
9/10/2015	15:00:00	22.1327	24.5708	20.935	48.938	40.0256	4	0
9/10/2015	16:00:01	23.6323	26.1193	44.4635	21.6973	39.8214	4	0
9/10/2015	17:00:01	24.1829	27.4334	25.8755	23.4349	39.6172	4	0
9/10/2015	18:00:00	23.2247	25.1583	5.06335	9.15317	39.6172	4	0
9/10/2015	19:00:00	22.3549	22.5764	8.57381	11.402	40.0256	4	0
9/10/2015	20:00:01	21.6547	19.2604	6.44148	5.24046	40.4341	4	0
9/10/2015	21:00:01	20.5968	17.0159	6.42986	8.72791	41.0467	4	0
9/10/2015	22:00:00	20.3426	16.0733	10.5323	1.06142	40.4341	4	0
9/10/2015	23:00:01	19.8567	15.6007	10.3691	12.9514	40.4341	4	0
9/11/2015	0:00:01	19.5932	14.7169	9.92178	13.1715	40.6383	4	0
9/11/2015	1:00:00	19.2443	13.8369	11.0997	10.688	40.6383	4	0
9/11/2015	2:00:00	19.2006	14.3907	13.5383	17.0251	40.2298	4	0
9/11/2015	3:00:01	18.9815	13.5098	10.0828	17.0506	40.4341	4	0
9/11/2015	4:00:00	18.4728	11.0021	14.1579	12.3032	40.2298	4	0
9/11/2015	5:00:00	18.4043	9.6511	9.5716	7.45666	40.6383	4	0

9/11/2015	6:00:01	17.4167	9.95932	8.95536	9.9153	40.4341	4	0
9/11/2015	7:00:01	16.4178	10.3702	13.3284	15.3161	40.4341	4	0
9/11/2015	8:00:00	15.0414	10.7539	10.7605	8.92077	39.8214	4	0
9/11/2015	9:00:00	14.1655	11.2553	12.555	16.0175	39.6172	4	0
9/11/2015	10:00:01	13.7937	11.3847	11.5389	14.5982	40.2298	4	0
9/11/2015	11:00:00	13.5648	11.3629	9.93184	0.490009	39.0046	4	0
9/11/2015	12:00:00	13.1704	11.3739	9.65501	4.24124	39.8214	4	0
9/11/2015	13:00:01	12.7165	11.3248	10.2636	8.72213	39.413	4	0
9/11/2015	14:00:01	12.7878	10.9971	10.0441	9.95564	39.8214	4	0
9/11/2015	15:00:00	12.4191	11.1828	12.5277	11.2063	39.2088	4	0
9/11/2015	16:00:01	10.984	10.9195	11.922	13.9212	40.2298	4	0
9/11/2015	17:00:01	10.3371	10.9891	10.6712	4.56813	40.4341	4	0
9/11/2015	18:00:00	10.419	10.8732	8.24349	13.8153	40.6383	4	0
9/11/2015	19:00:00	10.6894	11.0774	16.4775	11.705	41.0467	4	0
9/11/2015	20:00:01	10.89	11.1428	11.6595	11.3217	40.6383	4	0
9/11/2015	21:00:01	11.0157	10.8668	8.83472	6.91486	41.2509	4	0
9/11/2015	22:00:00	10.8231	10.4397	6.62638	7.7202	40.8425	4	0
9/11/2015	23:00:01	10.7243	10.2689	7.54888	6.71586	40.8425	4	0
9/12/2015	0:00:01	10.5515	9.96358	5.87493	5.47358	40.4341	4	0
9/12/2015	1:00:00	10.3303	9.64811	6.654	5.44117	41.0467	4	0
9/12/2015	2:00:00	9.98817	9.25595	5.06467	3.65301	41.0467	4	0
9/12/2015	3:00:01	9.81352	8.72511	5.90164	4.26572	41.8635	4	0
9/12/2015	4:00:00	9.44788	8.18981	5.33987	5.7325	41.2509	4	0
9/12/2015	5:00:00	9.30825	7.83586	6.31907	5.65334	41.4551	4	0
9/12/2015	6:00:01	9.23915	7.75775	7.2161	7.64758	41.2509	4	0
9/12/2015	7:00:01	9.06344	7.08236	7.91382	6.12375	41.4551	4	0
9/12/2015	8:00:00	8.88903	6.62004	5.95333	2.62463	40.8425	4	0
9/12/2015	9:00:01	8.56462	6.18244	3.14683	-1.54755	40.2298	4	0
9/12/2015	10:00:00	8.17086	5.7998	2.10972	4.61692	40.2298	4	0
9/12/2015	11:00:00	7.91807	5.43509	3.03924	2.36028	40.0256	4	0
9/12/2015	12:00:01	7.77478	5.4444	6.00677	2.21835	39.8214	4	0
9/12/2015	13:00:01	7.4892	5.15172	3.21079	-5.85382	39.413	4	0
9/12/2015	14:00:00	7.30747	5.17355	5.30833	3.58991	39.413	4	0
9/12/2015	15:00:01	7.15758	5.40992	8.80794	1.38924	39.6172	4	0

9/12/2015	16:00:01	6.95352	5.55537	7.20051	6.21196	39.8214	4	0
9/12/2015	17:00:00	6.81314	5.67326	8.06782	10.681	40.2298	4	0
9/12/2015	18:00:00	7.0266	6.20946	13.9259	26.3665	41.0467	4	0
9/12/2015	19:00:01	6.93275	6.78182	15.1873	8.30883	41.0467	4	0
9/12/2015	20:00:01	7.12059	7.65591	16.7043	15.3659	41.8635	4	0
9/12/2015	21:00:00	7.20851	8.30697	11.068	16.1717	41.4551	4	0
9/12/2015	22:00:01	7.49638	9.26442	13.8446	8.5238	41.4551	4	0
9/12/2015	23:00:01	7.59381	9.83289	9.95771	10.0241	42.0678	4	0
9/13/2015	0:00:00	7.83007	10.3017	11.603	15.1619	41.6593	4	0
9/13/2015	1:00:00	8.09861	11.1237	13.0878	7.74686	42.272	4	0
9/13/2015	2:00:01	8.13687	11.1932	6.3975	6.52441	42.4762	4	0
9/13/2015	3:00:00	8.12178	10.938	5.464	5.83342	42.4762	4	0
9/13/2015	4:00:00	8.1239	10.8048	5.62384	4.92077	42.4762	4	0
9/13/2015	5:00:00	8.3836	11.188	12.411	8.73926	42.8846	4	0
9/13/2015	6:00:01	8.66486	11.2098	13.7511	10.91	42.0678	4	0
9/13/2015	7:00:00	9.04419	11.3423	15.8481	13.4399	42.0678	4	0
9/13/2015	8:00:00	9.52794	11.3372	15.1639	8.49946	40.8425	4	0
9/13/2015	9:00:01	9.69205	10.9497	5.77559	9.43041	40.6383	4	0
9/13/2015	10:00:01	9.97642	10.4674	7.72598	20.4656	40.8425	4	0
9/13/2015	11:00:00	10.1892	10.2842	7.88753	7.87352	40.8425	4	0
9/13/2015	12:00:01	10.2981	9.95593	7.45865	11.3078	39.8214	4	0
9/13/2015	13:00:01	10.5045	9.50051	8.041	2.86258	40.2298	4	0
9/13/2015	14:00:00	10.8187	10.0215	12.7951	10.4591	40.0256	4	0
9/13/2015	15:00:00	11.2341	11.0981	18.2629	15.5705	40.0256	4	0
9/13/2015	16:00:01	11.3848	11.5306	11.0621	15.7448	40.4341	4	0
9/13/2015	17:00:01	11.671	11.6939	14.7601	12.1832	40.0256	4	0
9/13/2015	18:00:00	12.1634	12.7387	27.6439	70.5943	40.6383	4	0
9/13/2015	19:00:01	13.4035	15.2941	48.6972	37.2514	41.4551	4	0
9/13/2015	20:00:01	14.2875	17.2645	39.7951	39.963	41.8635	4	0
9/13/2015	21:00:00	15.2673	19.7057	35.6705	32.8637	42.0678	4	0
9/13/2015	22:00:00	16.0444	21.8114	33.4803	40.0125	42.272	4	0
9/13/2015	23:00:01	17.9764	25.8425	55.4298	75.0529	42.272	4	0
9/14/2015	0:00:00	20.1643	30.594	64.6886	106.824	42.0678	4	0
9/14/2015	1:00:00	23.3941	37.4822	89.6617	95.438	42.0677	4	0

9/14/2015	2:00:00	25.1713	40.5448	49.901	44.9153	42.272	4	0
9/14/2015	3:00:00	28.2431	45.6438	77.4789	85.3049	42.6804	4	0
9/14/2015	4:00:01	30.914	50.556	69.6372	58.7626	42.272	4	0
9/14/2015	5:00:01	33.4872	55.573	75.7473	73.1589	43.0888	4	0
9/14/2015	6:00:00	35.4231	58.3221	57.7864	55.1593	42.272	4	0
9/14/2015	7:00:00	36.7624	58.2678	46.1215	35.9872	41.8635	4	0
9/14/2015	8:00:01	37.4387	57.4787	27.0709	22.9232	42.272	4	0
9/14/2015	9:00:01	38.767	57.3876	26.9437	32.0179	41.8635	4	0
9/14/2015	10:00:00	40.3562	58.1723	38.2154	45.4642	41.4551	4	0
9/14/2015	11:00:01	42.1028	57.256	38.6637	49.2896	40.4341	4	0
9/14/2015	12:00:01	44.5431	57.0022	62.3868	60.3093	40.0256	4	0
9/14/2015	13:00:00	47.0631	54.7218	64.3121	64.6837	40.2298	4	0
9/14/2015	14:00:00	49.8744	56.9042	76.7296	64.2807	40.2298	4	0
9/14/2015	15:00:01	52.1972	56.2976	74.6265	67.9497	39.8214	4	0
9/14/2015	16:00:01	54.8156	56.4827	77.1526	91.6471	39.8214	4	0
9/14/2015	17:00:00	57.2765	56.2197	78.9583	90.4145	40.4341	4	0
9/14/2015	18:00:01	60.5318	60.4104	114.364	165.493	40.4341	4	0
9/14/2015	19:00:01	63.7685	67.4894	137.189	116.257	41.6593	4	0
9/14/2015	20:00:00	66.2782	73.8665	107.446	80.4022	41.6593	4	0
9/14/2015	21:00:00	68.2941	78.9295	91.3014	97.7515	41.6593	4	0
9/14/2015	22:00:01	68.4234	79.1708	45.3981	35.8008	41.4551	4	0
9/14/2015	23:00:00	67.6676	79.3335	41.5067	49.8371	42.0678	4	0
9/15/2015	0:00:00	66.3936	77.3726	39.3855	52.9244	42.272	4	0
9/15/2015	1:00:01	64.1037	75.2395	36.9215	37.3972	41.8635	4	0
9/15/2015	2:00:00	63.1523	71.6539	34.6144	32.6266	43.293	4	0
9/15/2015	3:00:00	61.2623	68.5265	35.3375	45.141	42.4762	4	0
9/15/2015	4:00:01	60.9035	67.5498	63.1335	67.6942	43.0888	4	0
9/15/2015	5:00:01	60.6603	67.2028	73.1633	59.1837	43.293	4	0
9/15/2015	6:00:00	61.5039	64.5974	80.3092	122.479	43.293	4	0
9/15/2015	7:00:00	63.246	60.4855	80.8293	73.0871	43.0888	4	0
9/15/2015	8:00:01	64.6946	56.4522	53.6873	55.097	42.8846	4	0
9/15/2015	9:00:00	66.818	54.4537	59.5943	56.9358	41.8635	4	0
9/15/2015	10:00:00	68.8702	57.1733	72.7446	80.0833	41.0467	4	0
9/15/2015	11:00:01	70.2365	59.4928	69.3273	75.3117	41.8635	4	0

9/15/2015	12:00:01	70.9342	62.3718	72.0305	74.2496	40.8425	4	0
9/15/2015	13:00:00	71.666	65.7267	75.6191	81.3432	41.4551	4	0
9/15/2015	14:00:01	71.8598	69.3645	78.1936	60.8758	41.6593	4	0
9/15/2015	15:00:01	72.4788	73.6123	86.1784	92.2875	40.6383	4	0
9/15/2015	16:00:01	72.5688	74.9054	83.1866	85.681	42.0678	4	0
9/15/2015	17:00:00	71.8084	73.8478	66.1099	72.865	41.4551	4	0
9/15/2015	18:00:01	69.7477	73.1414	84.5907	80.6368	42.4762	4	0
9/15/2015	19:00:01	66.3553	71.546	71.8697	63.8535	43.0888	4	0
9/15/2015	20:00:00	63.0465	70.0661	46.9334	29.7018	43.9057	4	0
9/15/2015	21:00:01	60.6737	68.269	41.8733	38.6669	44.5183	4	0
9/15/2015	22:00:01	59.746	64.3958	25.3343	37.6416	44.7225	4	0
9/15/2015	23:00:00	59.3787	61.5482	33.115	39.4245	44.3141	4	0
9/16/2015	0:00:00	58.2896	57.1181	18.7615	17.3035	45.5394	4	0
9/16/2015	1:00:01	57.2934	52.2312	13.8725	17.3769	44.9267	4	0
9/16/2015	2:00:00	59.0623	51.9948	67.5288	88.0099	44.7225	4	0
9/16/2015	3:00:00	60.2118	50.0391	55.907	53.7727	44.1099	4	0
9/16/2015	4:00:01	60.2417	48.7179	63.981	51.6718	44.3141	4	0
9/16/2015	5:00:01	57.8671	45.1547	23.6511	22.7205	45.7436	4	0
9/16/2015	6:00:00	55.798	41.2359	37.2157	36.0117	45.1309	4	0
9/16/2015	7:00:00	54.0863	37.9397	26.3617	34.4074	44.1099	4	0
9/16/2015	8:00:01	56.0664	41.3089	80.8366	67.5214	43.7015	4	0
9/16/2015	9:00:00	56.3472	42.7931	57.5268	63.5392	43.0888	4	0
9/16/2015	10:00:00	56.3472	42.7931	57.5268	107.403	42.8846	4	0
9/16/2015	11:00:01	58.5494	52.8989	80.7283	84.6145	42.4762	4	0
9/16/2015	12:00:01	59.0598	57.9667	77.1016	91.1807	42.272	4	0
9/16/2015	13:00:01	59.1018	63.2438	79.0186	76.8714	42.6804	4	0
9/16/2015	14:00:00	59.438	64.2654	79.5434	97.5658	42.272	4	0
9/16/2015	15:00:00	59.063	65.7256	74.5681	88.3746	42.272	4	0
9/16/2015	16:00:01	59.6105	68.1621	95.8256	90.457	42.0678	4	0
9/16/2015	17:00:01	60.3563	73.4468	93.507	104.02	43.0888	4	0
9/16/2015	18:00:00	59.9267	76.8111	86.2996	104.091	43.0888	4	0
9/16/2015	19:00:01	60.6358	82.4858	105.75	98.7535	43.0888	4	0
9/16/2015	20:00:01	62.7741	83.9763	99.7092	117.585	44.3141	4	0
9/16/2015	21:00:00	64.8729	86.9921	94.6786	95.7266	43.9057	4	0

9/16/2015	22:00:00	66.5387	84.9114	68.5009	37.3465	44.3141	4	0
9/16/2015	23:00:01	66.5097	81.2227	37.7555	59.4619	44.7225	4	0
9/17/2015	0:00:00	67.2793	78.2263	41.0562	34.1424	44.7225	4	0
9/17/2015	1:00:00	70.0634	78.6652	83.5666	100.076	44.9267	4	0
9/17/2015	2:00:01	71.1308	80.2477	97.824	126.066	45.3352	4	0
9/17/2015	3:00:01	72.1184	81.1399	85.3393	89.7477	45.1309	4	0
9/17/2015	4:00:00	71.7228	78.1491	57.2354	56.8044	45.5394	4	0
9/17/2015	5:00:00	75.2254	79.3948	102.213	127.029	45.5394	4	0
9/17/2015	6:00:01	77.3381	79.6128	84.9844	92.4539	44.7225	4	0
9/17/2015	7:00:00	80.0243	78.1428	83.2553	49.293	44.9267	4	0
9/17/2015	8:00:00	79.8079	75.3978	58.151	67.7828	44.5183	4	0
9/17/2015	9:00:01	82.207	75.9806	91.8872	93.654	43.4973	4	0
9/17/2015	10:00:01	82.4649	78.0011	89.5012	97.3619	43.293	4	0
9/17/2015	11:00:00	83.269	82.7505	91.4955	85.9868	42.8846	4	0
9/17/2015	12:00:01	83.077	84.9826	65.6074	89.3379	42.6804	4	0
9/17/2015	13:00:01	82.3831	83.163	66.828	51.6601	43.0888	4	0
9/17/2015	14:00:00	82.3459	80.9323	71.4685	72.0606	43.0888	4	0
9/17/2015	15:00:01	81.4773	78.2368	59.5654	60.0219	43.4973	4	0
9/17/2015	16:00:00	79.5628	77.092	42.5429	44.5806	43.293	4	0
9/17/2015	17:00:00	77.0084	71.693	49.4271	38.3884	43.9057	4	0
9/17/2015	18:00:01	74.8057	67.3111	36.1096	36.3479	43.9057	4	0
9/17/2015	19:00:01	72.5339	64.742	55.8289	78.087	43.9057	4	0
9/17/2015	20:00:00	71.206	65.7407	72.1195	97.1862	44.3141	4	0
9/17/2015	21:00:00	70.5556	64.7951	80.8442	84.3361	44.7225	4	0
9/17/2015	22:00:01	70.4888	63.2416	72.4741	68.9311	44.1099	4	0
9/17/2015	23:00:00	71.828	61.665	72.5734	77.2377	44.1099	4	0
9/18/2015	0:00:00	72.3014	60.8702	56.4585	54.5735	44.5183	4	0
9/18/2015	1:00:01	70.5468	58.9553	42.6876	41.469	44.3141	4	0
9/18/2015	2:00:01	67.7782	55.9471	34.3509	34.659	44.1099	4	0
9/18/2015	3:00:00	63.5743	51.1559	10.5686	0.693478	45.7436	4	0
9/18/2015	4:00:00	61.9043	49.3593	20.6608	16.1536	45.9478	4	0
9/18/2015	5:00:01	58.5068	47.158	21.8028	37.543	45.5394	4	0
9/18/2015	6:00:00	56.1036	46.5077	27.0912	23.665	44.9267	4	0
9/18/2015	7:00:00	54.8137	45.982	45.4039	73.2162	44.7225	4	0

9/18/2015	8:00:01	54.6379	43.9926	42.9599	40.5675	44.1099	4	0
9/18/2015	9:00:01	52.3738	40.0299	30.1324	26.7034	44.1099	4	0
9/18/2015	10:00:00	49.7966	36.2204	26.5398	24.7846	43.7015	4	0
9/18/2015	11:00:01	47.0426	32.235	25.0432	28.7995	44.3141	4	0
9/18/2015	12:00:01	46.0842	30.947	40.9799	29.4436	43.9057	4	0
9/18/2015	13:00:01	44.1682	29.0546	20.121	21.6274	44.1099	4	0
9/18/2015	14:00:00	42.1099	28.0164	22.4194	19.2226	44.3141	4	0
9/18/2015	15:00:01	40.1489	28.6816	22.0485	42.1181	44.3141	4	0
9/18/2015	16:00:01	37.9439	26.3839	-4.31344	4.81793	45.5394	4	0
9/18/2015	17:00:00	37.2114	27.1063	30.4232	18.585	44.9267	4	0
9/18/2015	18:00:00	36.1205	25.6161	9.32312	19.414	45.1309	4	0
9/18/2015	19:00:01	34.2018	22.4626	6.86179	-6.89696	44.9267	4	0
9/18/2015	20:00:00	31.4903	19.4798	7.12618	3.75029	44.5183	4	0
9/18/2015	21:00:00	28.7426	18.1605	13.973	13.1948	45.5394	4	0
9/18/2015	22:00:01	26.2634	16.8917	10.4822	6.04063	45.5394	4	0
9/18/2015	23:00:01	23.6266	15.5987	9.49994	9.02221	45.5394	4	0
9/19/2015	0:00:00	21.9779	13.5392	15.2607	7.50426	45.5394	4	0
9/19/2015	1:00:00	20.56	12.5535	7.9067	5.89944	45.1309	4	0
9/19/2015	2:00:01	18.5559	9.83721	-9.33989	3.83743	45.7436	4	0
9/19/2015	3:00:00	18.3302	8.52534	6.13648	2.27142	46.152	4	0
9/19/2015	4:00:00	17.4996	9.03831	2.3074	4.41648	46.5604	4	0
9/19/2015	5:00:01	16.7472	6.9048	4.45034	6.90842	46.152	4	0
9/19/2015	6:00:01	16.0646	6.97459	9.99019	8.3793	45.7436	4	0
9/19/2015	7:00:00	14.6447	7.27513	10.3918	10.071	45.9478	4	0
9/19/2015	8:00:01	13.413	7.66124	11.572	12.8686	45.7436	4	0
9/19/2015	9:00:01	12.5769	7.31976	9.83009	10.1967	45.9478	4	0
9/19/2015	10:00:00	11.5811	6.47583	-0.233397	-9.32321	45.3352	4	0
9/19/2015	11:00:00	10.5112	5.47509	-2.88439	-7.7627	44.7225	4	0
9/19/2015	12:00:01	9.07234	4.66928	5.51976	4.34439	44.9267	4	0
9/19/2015	13:00:01	8.49089	4.47096	5.46271	13.2718	44.3141	4	0
9/19/2015	14:00:00	7.76262	5.60995	4.12626	9.68609	43.9057	4	0
9/19/2015	15:00:01	6.94429	5.28081	2.21548	6.23811	44.5183	4	0
9/19/2015	16:00:01	7.21585	5.27404	2.21983	-0.021346	44.5183	4	0
9/19/2015	17:00:00	6.18234	5.36749	5.58392	9.78729	44.3141	4	0

9/19/2015	18:00:00	6.35846	5.72644	14.8465	34.1647	46.152	4	0
9/19/2015	19:00:01	6.68943	6.14824	15.8547	8.38436	46.3562	4	0
9/19/2015	20:00:00	6.68943	6.14824	15.8547	11.6463	45.9478	4	0
9/19/2015	21:00:00	6.88314	6.51651	16.1937	15.5683	46.7646	4	0
9/19/2015	22:00:01	6.93989	7.49645	11.6735	9.79794	46.5604	4	0
9/19/2015	23:00:01	6.90465	8.42129	8.44834	9.68214	46.7646	4	0
9/20/2015	0:00:00	6.50273	8.40022	5.39071	4.50568	46.5604	4	0
9/20/2015	1:00:00	6.49174	8.57598	7.65205	7.22544	46.3562	4	0
9/20/2015	2:00:00	7.14574	8.80147	6.74725	6.21427	46.7646	4	0
9/20/2015	3:00:00	7.26038	9.34884	8.91177	9.29182	47.1731	4	0
9/20/2015	4:00:01	7.66232	10.1593	12.0072	14.8655	46.7646	4	0
9/20/2015	5:00:01	7.8403	10.4323	8.88889	3.93149	47.3773	4	0
9/20/2015	6:00:00	7.7896	9.9447	8.70022	9.53476	47.1731	4	0
9/20/2015	7:00:01	8.46992	10.8296	25.6964	33.0169	46.9689	4	0
9/20/2015	8:00:01	9.26686	12.5121	28.0256	57.2832	45.9478	4	0
9/20/2015	9:00:00	9.3111	12.0098	9.14406	13.7258	44.9267	4	0
9/20/2015	10:00:00	10.1645	12.6882	19.742	34.9644	45.3352	4	0
9/20/2015	11:00:00	10.9047	13.2181	15.1207	10.3639	45.3352	4	0
9/20/2015	12:00:01	11.2366	13.8594	12.6289	9.66172	45.3352	4	0
9/20/2015	13:00:01	11.4854	14.134	10.6348	8.01299	44.7225	4	0
9/20/2015	14:00:00	11.5328	13.9939	5.2003	12.561	44.5183	4	0
9/20/2015	15:00:01	12.1121	14.5539	15.5928	16.658	44.3141	4	0
9/20/2015	16:00:01	12.3126	14.0913	6.74886	-8.43055	44.9267	4	0
9/20/2015	17:00:00	12.5156	14.2199	11.1454	6.77023	45.3352	4	0
9/20/2015	18:00:00	12.8119	15.4596	26.3987	32.8199	45.9478	4	0
9/20/2015	19:00:01	12.8476	14.7347	18.4322	21.1326	46.5604	4	0
9/20/2015	20:00:01	13.2031	13.9824	19.6166	23.2404	46.9689	4	0
9/20/2015	21:00:00	12.9412	14.0592	9.88248	4.94749	46.7646	4	0
9/20/2015	22:00:00	13.055	13.6276	13.8486	14.2575	46.5604	4	0
9/20/2015	23:00:01	13.3876	13.8262	18.0035	19.589	46.7646	4	0
9/21/2015	0:00:00	13.9557	14.363	18.519	17.9253	46.5604	4	0
9/21/2015	1:00:00	14.2863	14.8312	16.363	17.4316	47.3773	4	0
9/21/2015	2:00:01	14.5004	15.4023	12.0366	11.7996	47.1731	4	0
9/21/2015	3:00:01	14.5506	15.0147	10.7418	10.5515	46.7646	4	0
9/21/2015	4:00:00	14.4089	15.2205	9.48491	12.7072	47.7857	4	0

9/21/2015	5:00:01	14.4294	15.1229	9.86123	11.6618	47.5815	4	0
9/21/2015	6:00:01	14.6878	14.1999	14.6113	20.8378	46.9689	4	0
9/21/2015	7:00:00	14.781	14.9353	26.2078	41.0925	47.1731	4	0
9/21/2015	8:00:00	14.1871	14.2657	9.66464	7.74049	46.7646	4	0
9/21/2015	9:00:01	14.4701	14.6091	12.3627	9.89929	45.3352	4	0
9/21/2015	10:00:01	14.2199	14.5102	12.0735	18.2139	44.9267	4	0
9/21/2015	11:00:00	14.2712	14.2713	14.9488	18.8326	45.1309	4	0
9/21/2015	12:00:00	14.3068	13.7891	13.1351	21.0677	45.3352	4	0
9/21/2015	13:00:01	14.5377	13.7247	16.1295	22.1983	44.7225	4	0
9/21/2015	14:00:01	15.3028	14.5823	22.0766	30.7898	44.9267	4	0
9/21/2015	15:00:00	15.6091	15.5598	22.7145	32.1812	44.7225	4	0
9/21/2015	16:00:00	15.9884	16.0798	16.2817	15.7027	44.7225	4	0
9/21/2015	17:00:01	16.145	16.5443	16.6333	14.5289	45.1309	4	0
9/21/2015	18:00:00	16.0422	17.5154	29.2992	37.4735	45.9478	4	0
9/21/2015	19:00:00	16.4703	17.8118	31.8082	27.7524	46.5604	4	0
9/21/2015	20:00:01	16.2605	18.3244	17.1279	23.0066	47.3773	4	0
9/21/2015	21:00:01	16.4114	18.4852	14.8439	11.8597	47.7857	4	0
9/21/2015	22:00:00	16.4304	18.7323	15.4151	17.2047	47.7857	4	0
9/21/2015	23:00:00	16.4566	19.0658	18.2727	34.494	47.7857	4	0
9/22/2015	0:00:01	16.2837	19.2285	15.1661	9.93933	47.5815	4	0
9/22/2015	1:00:01	16.0834	18.9124	12.123	14.8415	47.5815	4	0
9/22/2015	2:00:01	16.0306	18.0728	11.4698	10.9736	47.7857	4	0
9/22/2015	3:00:00	15.9962	17.1248	10.7623	10.7847	47.7857	4	0
9/22/2015	4:00:01	16.0663	16.7476	10.9126	11.6896	47.9899	4	0
9/22/2015	5:00:01	16.276	16.6386	14.4443	10.8828	47.9899	4	0
9/22/2015	6:00:00	16.3893	15.7231	17.6372	26.2232	47.7857	4	0
9/22/2015	7:00:00	17.2634	16.8986	44.0062	25.2448	47.5815	4	0
9/22/2015	8:00:01	18.1905	17.8707	26.1242	38.3686	46.7646	4	0
9/22/2015	9:00:01	19.1976	19.483	32.5545	23.2622	46.152	4	0
9/22/2015	10:00:00	20.3077	21.2884	36.3071	34.65	45.9478	4	0
9/22/2015	11:00:01	21.2255	22.6778	34.0356	47.2155	45.7436	4	0
9/22/2015	12:00:01	22.3262	24.6348	38.8176	43.6044	45.1309	4	0
9/22/2015	13:00:00	22.666	25.5883	23.6328	20.4989	45.1309	4	0
9/22/2015	14:00:00	0	0	0	0	42.4762	1	0
9/22/2015	15:00:01	0	0	0	0	42.272	3	0
9/22/2015	16:00:01	0	0	0	39.0617	43.0888	4	0

9/22/2015	17:00:01	0	0	0	21.2827	43.7015	4	0
9/22/2015	18:00:01	0	0	39.2531	48.1731	45.1309	4	0
9/22/2015	19:00:00	0	0	22.4392	19.1962	45.3352	4	0
9/22/2015	20:00:01	0	0	19.6901	22.1084	45.7436	4	0
9/22/2015	21:00:01	0	0	19.6426	15.5329	45.9478	4	0
9/22/2015	22:00:00	0	0	16.9696	18.3536	46.3562	4	0
9/22/2015	23:00:00	0	0	15.5346	14.6038	46.152	4	0
9/23/2015	0:00:01	0	0	14.0504	11.3774	45.7436	4	0
9/23/2015	1:00:00	0	0	12.4636	8.41088	46.3562	4	0
9/23/2015	2:00:00	0	0	12.0818	6.53745	46.5604	4	0
9/23/2015	3:00:01	0	0	15.8589	17.8312	46.7646	4	0
9/23/2015	4:00:01	0	0	15.0782	11.5415	45.9478	4	0
9/23/2015	5:00:00	0	17.8259	13.1787	18.9517	46.152	4	0
9/23/2015	6:00:00	0	16.0192	16.6419	18.0238	46.5604	4	0
9/23/2015	7:00:01	0	16.9379	31.6129	47.7284	45.9478	4	0
9/23/2015	8:00:00	0	16.7312	14.5567	15.4773	45.7436	4	0
9/23/2015	9:00:00	0	16.2466	12.0821	4.25935	44.3141	4	0
9/23/2015	10:00:01	0	16.1897	15.0311	18.7531	43.4972	4	0
9/23/2015	11:00:01	0	16.6353	21.4635	35.557	43.293	4	0
9/23/2015	12:00:00	0	17.6422	26.2622	24.4389	43.4972	4	0
9/23/2015	13:00:01	0	18.8003	26.6877	10.154	43.7015	4	0
9/23/2015	14:00:01	0	19.106	16.0757	10.1575	43.4972	4	0
9/23/2015	15:00:00	0	19.5166	20.866	13.0587	43.7015	4	0
9/23/2015	16:00:01	0	20.3874	26.5854	19.2432	43.4972	4	0
9/23/2015	17:00:01	19.8992	21.1737	24.1285	22.502	43.293	4	0
9/23/2015	18:00:01	19.4414	22.4403	36.8261	41.0872	45.1309	4	0
9/23/2015	19:00:00	19.9086	22.7243	37.7813	27.159	45.7436	4	0
9/23/2015	20:00:01	19.9691	23.2349	19.8005	10.7307	46.5604	4	0
9/23/2015	21:00:01	19.8551	23.6751	17.4028	25.094	45.9478	4	0
9/23/2015	22:00:00	20.0622	24.3705	24.43	20.4684	46.3562	4	0
9/23/2015	23:00:01	20.2198	24.3003	20.8709	27.5131	46.152	4	0
9/24/2015	0:00:01	20.4509	23.8841	21.3071	25.0533	46.5604	4	0
9/24/2015	1:00:00	20.8841	23.693	23.936	23.6726	46.7646	4	0
9/24/2015	2:00:00	21.0704	23.8199	17.5167	20.3368	47.3773	4	0
9/24/2015	3:00:01	21.0887	23.5247	16.4688	16.3787	46.7646	4	0
9/24/2015	4:00:00	21.1807	22.8999	18.5218	16.8269	47.3773	4	0

9/24/2015	5:00:00	21.2411	22.213	15.0632	15.4225	47.1731	4	0
9/24/2015	6:00:00	21.1348	20.4637	15.463	15.3522	47.1731	4	0
9/24/2015	7:00:01	20.8538	19.2958	21.8095	18.9628	47.3773	4	0
9/24/2015	8:00:01	21.4509	19.814	23.4756	25.9638	46.7646	4	0
9/24/2015	9:00:00	22.1822	20.5374	23.3732	27.9941	45.5394	4	0
9/24/2015	10:00:00	22.6283	20.5347	24.0932	22.732	44.9267	4	0
9/24/2015	11:00:01	22.816	20.7768	23.0148	25.9688	45.7436	4	0
9/24/2015	12:00:00	22.7951	20.8387	20.4654	16.4914	44.7225	4	0
9/24/2015	13:00:00	22.5471	20.4982	20.8703	15.6449	44.9267	4	0
9/24/2015	14:00:01	22.7927	20.806	21.8573	28.2217	44.9267	4	0
9/24/2015	15:00:01	23.3821	22.2468	34.0127	26.9489	45.9478	4	0
9/24/2015	16:00:00	23.254	22.6242	24.2268	26.5198	45.7436	4	0
9/24/2015	17:00:01	23.6141	24.183	35.8929	42.832	46.3562	4	0
9/24/2015	18:00:00	23.5568	26.1121	42.8451	41.1609	47.5815	4	0
9/24/2015	19:00:00	23.2076	26.8301	32.4319	32.5647	47.7857	4	0
9/24/2015	20:00:01	23.4946	27.1121	27.3749	35.1518	48.3983	4	0
9/24/2015	21:00:01	23.6873	27.1012	24.3941	22.8976	48.3983	4	0
9/24/2015	22:00:00	23.5859	27.0413	24.3419	20.8432	49.011	4	0
9/24/2015	23:00:00	23.5248	26.8169	20.2721	18.4864	49.2152	4	0
9/25/2015	0:00:01	23.4043	26.7279	19.0554	23.7282	49.4194	4	0
9/25/2015	1:00:01	23.1908	26.628	19.0716	20.5841	49.2152	4	0
9/25/2015	2:00:00	23.2318	26.4158	18.4878	16.7479	49.8278	4	0
9/25/2015	3:00:00	23.2891	25.2095	18.4937	18.98	49.4194	4	0
9/25/2015	4:00:01	23.3638	24.9367	19.6418	22.9532	49.4194	4	0
9/25/2015	5:00:00	23.5341	23.6871	20.1861	22.3133	49.8278	4	0
9/25/2015	6:00:00	23.9028	22.2312	24.498	24.7261	49.6236	4	0
9/25/2015	7:00:01	24.5712	22.5213	33.6419	48.0081	49.2152	4	0
9/25/2015	8:00:01	24.7484	22.2878	22.0135	16.8342	48.6026	4	0
9/25/2015	9:00:00	24.6909	21.8436	17.3812	24.5797	47.5815	4	0
9/25/2015	10:00:00	24.7671	21.6294	19.7441	1.22669	46.7646	4	0
9/25/2015	11:00:01	24.4903	21.2039	15.3541	15.2658	46.9689	4	0
9/25/2015	12:00:00	24.7012	21.6514	24.8311	30.3612	47.1731	4	0
9/25/2015	13:00:00	24.7815	21.8348	21.4083	27.0536	46.9689	4	0
9/25/2015	14:00:01	24.7031	21.767	17.242	6.95468	46.152	4	0
9/25/2015	15:00:01	24.1001	21.8743	21.2795	22.4621	46.9689	4	0
9/25/2015	16:00:00	23.9811	21.9723	21.7541	25.8318	47.1731	4	0

9/25/2015	17:00:01	23.6117	22.6919	31.5449	42.9385	47.3773	4	0
9/25/2015	18:00:01	22.7457	22.7633	29.3605	23.5741	48.8068	4	0
9/25/2015	19:00:00	22.7579	22.7837	35.6534	56.7657	48.8068	4	0
9/25/2015	20:00:00	23.1796	24.1606	39.4217	25.3308	49.6236	4	0
9/25/2015	21:00:01	23.6009	25.62	34.8051	32.8727	50.0321	4	0
9/25/2015	22:00:01	23.6325	26.1869	27.0744	27.4158	50.2363	4	0
9/25/2015	23:00:00	23.7228	26.8357	22.9768	20.632	50.032	4	0
9/26/2015	0:00:00	23.6597	26.3547	19.1189	18.9865	50.4405	4	0
9/26/2015	1:00:00	23.6469	26.2309	19.6171	18.9186	50.2363	4	0
9/26/2015	2:00:01	23.5453	26.2234	16.9745	16.8914	50.2362	4	0
9/26/2015	3:00:00	23.4292	25.8592	16.4906	14.9011	50.032	4	0
9/26/2015	4:00:00	23.4009	25.6976	18.9492	22.355	50.8489	4	0
9/26/2015	5:00:01	23.1582	24.4519	16.7564	16.3762	50.8489	4	0
9/26/2015	6:00:00	22.9104	23.6486	19.4847	22.392	51.2573	4	0
9/26/2015	7:00:00	22.7464	23.1318	28.0854	37.7835	50.4405	4	0
9/26/2015	8:00:00	23.3623	22.4822	26.5577	32.3033	49.2152	4	0
9/26/2015	9:00:01	23.2946	20.6524	11.0337	17.811	49.4194	4	0
9/26/2015	10:00:00	23.2695	19.7524	15.2267	6.57951	48.8068	4	0
9/26/2015	11:00:00	23.3188	19.1413	16.0078	26.9	49.011	4	0
9/26/2015	12:00:01	23.2155	19.2412	19.9683	24.8857	48.1941	4	0
9/26/2015	13:00:01	22.812	18.5738	12.5985	17.6133	48.3983	4	0
9/26/2015	14:00:00	22.8471	18.5204	16.2251	14.5155	48.6026	4	0
9/26/2015	15:00:01	22.6004	18.4502	16.8063	21.9576	48.3983	4	0
9/26/2015	16:00:01	22.6563	18.6279	20.9681	12.3413	47.9899	4	0
9/26/2015	17:00:00	22.0099	18.5673	17.0428	12.4879	48.6025	4	0
9/26/2015	18:00:00	21.8604	19.3003	30.947	30.2063	49.2152	4	0
9/26/2015	19:00:01	21.4097	19.0973	27.3795	27.1957	49.4194	4	0
9/26/2015	20:00:01	20.5783	18.58	20.9909	7.32792	49.4194	4	0
9/26/2015	21:00:00	19.8731	19.2953	20.7743	22.1816	50.4405	4	0
9/26/2015	22:00:01	19.7849	20.1632	25.6864	25.4146	50.4405	4	0
9/26/2015	23:00:01	19.4032	19.9933	13.4462	16.0966	50.4405	4	0
9/27/2015	0:00:00	19.4201	19.9792	19.0708	13.9305	50.2363	4	0
9/27/2015	1:00:00	19.433	20.5276	17.7275	32.6298	49.011	4	0
9/27/2015	2:00:01	19.5885	20.9573	21.2723	21.1645	49.8278	4	0
9/27/2015	3:00:00	19.6486	21.1213	18.9069	22.4719	50.2362	4	0
9/27/2015	4:00:00	19.52	20.7624	16.3483	20.0274	49.4194	4	0

9/27/2015	5:00:01	19.5605	20.8445	17.3766	20.6569	49.6236	4	0
9/27/2015	6:00:01	19.3202	19.503	15.0447	19.8241	49.8278	4	0
9/27/2015	7:00:00	18.6236	18.2394	12.2062	14.2617	50.6447	4	0
9/27/2015	8:00:00	18.112	17.6715	13.9462	21.1896	50.2363	4	0
9/27/2015	9:00:01	18.3986	17.3519	16.3559	15.093	50.2363	4	0
9/27/2015	10:00:00	18.8299	17.2113	23.3746	26.9584	49.4194	4	0
9/27/2015	11:00:00	19.2094	17.9852	21.2309	-5.74812	49.2152	4	0
9/27/2015	12:00:00	18.8862	17.321	10.9202	-5.29784	48.8068	4	0
9/27/2015	13:00:00	19.2072	17.5024	20.1149	30.7608	49.011	4	0
9/27/2015	14:00:01	19.6108	17.8258	25.2981	22.5602	48.3983	4	0
9/27/2015	15:00:01	20.3472	19.0206	32.9871	23.2012	48.3983	4	0
9/27/2015	16:00:00	20.1848	19.1381	18.9524	17.0606	48.6025	4	0
9/27/2015	17:00:00	20.6548	20.0801	29.55	23.681	48.6026	4	0
9/27/2015	18:00:01	20.3364	20.8712	25.9086	38.8472	49.6236	4	0
9/27/2015	19:00:01	20.1961	22.0039	27.7757	23.1983	50.2363	4	0
9/27/2015	20:00:00	20.0502	22.3467	18.8168	21.9794	50.4405	4	0
9/27/2015	21:00:01	19.9982	22.6294	19.834	17.2776	50.0321	4	0
9/27/2015	22:00:01	19.9256	22.7	24.0155	21.6637	49.8278	4	0
9/27/2015	23:00:00	19.9555	22.1493	14.4551	8.06708	50.2363	4	0
9/28/2015	0:00:00	19.6826	22.2996	12.4643	19.9729	50.8489	4	0
9/28/2015	1:00:01	19.937	22.6189	23.3214	21.988	50.4405	4	0
9/28/2015	2:00:00	19.9253	22.3847	23.2683	16.4037	50.6447	4	0
9/28/2015	3:00:00	19.8441	21.1367	17.3621	19.0697	50.032	4	0
9/28/2015	4:00:01	19.8046	20.9094	16.2721	13.9401	51.0531	4	0
9/28/2015	5:00:01	19.6083	19.5836	13.3496	17.7339	51.0531	4	0
9/28/2015	6:00:00	19.9013	19.2524	20.9708	29.8196	50.8489	4	0
9/28/2015	7:00:00	21.2017	20.4906	41.6406	58.7017	51.2573	4	0
9/28/2015	8:00:01	22.7042	23.0153	48.278	32.3879	50.0321	4	0
9/28/2015	9:00:00	23.4535	24.1101	31.7202	32.7359	49.6236	4	0
9/28/2015	10:00:00	24.0118	25.0401	33.8779	31.8066	49.2152	4	0
9/28/2015	11:00:01	25.1871	27.9441	49.5159	57.38	49.8278	4	0
9/28/2015	12:00:01	25.9288	29.1608	25.358	26.274	49.6236	4	0
9/28/2015	13:00:00	26.5113	29.9801	32.8309	32.0838	48.8068	4	0
9/28/2015	14:00:01	26.7153	30.4702	29.0139	33.513	48.6026	4	0
9/28/2015	15:00:01	26.9272	32.1217	36.9637	57.8733	49.011	4	0
9/28/2015	16:00:00	27.1054	32.6639	23.0999	25.8532	49.2152	4	0

9/28/2015	17:00:00	28.0805	36.0202	55.3251	43.8769	49.4194	4	0
9/28/2015	18:00:01	28.7071	37.812	46.4042	57.5055	49.4194	4	0
9/28/2015	19:00:01	28.7897	36.8581	32.2538	37.9623	50.4405	4	0
9/28/2015	20:00:00	29.4431	35.8082	38.1808	53.0968	50.8489	4	0
9/28/2015	21:00:01	29.9599	35.945	34.6574	31.5217	51.0531	4	0
9/28/2015	22:00:01	30.0289	35.3685	27.7786	25.8526	51.0531	4	0
9/28/2015	23:00:00	30.6004	33.6642	28.5369	28.3428	51.4615	4	0
9/29/2015	0:00:00	30.8817	33.2463	20.5674	32.3234	51.8699	4	0
9/29/2015	1:00:01	30.8845	32.5811	24.8691	32.7047	51.4615	4	0
9/29/2015	2:00:00	30.9037	32.2285	24.2569	26.3423	51.2573	4	0
9/29/2015	3:00:00	31.0342	30.9683	20.876	22.3074	51.8699	4	0
9/29/2015	4:00:00	31.4416	31.3059	26.811	26.5621	51.8699	4	0
9/29/2015	5:00:01	31.7014	28.4932	20.0488	29.6287	51.8699	4	0
9/29/2015	6:00:00	31.7583	26.5981	22.7864	33.0788	52.4826	4	0
9/29/2015	7:00:00	31.489	26.7785	33.1015	36.325	52.0742	4	0
9/29/2015	8:00:01	30.6394	25.801	25.0394	-3.56995	51.87	4	0
9/29/2015	9:00:00	29.5609	23.5126	7.9356	11.07	52.0742	4	0
9/29/2015	10:00:00	28.6163	22.1566	11.8133	5.1961	51.8699	4	0
9/29/2015	11:00:01	27.1322	20.7186	10.1187	8.66296	51.6657	4	0
9/29/2015	12:00:01	26.4563	19.9125	12.1104	13.658	52.0742	4	0
9/29/2015	13:00:00	25.4391	18.5012	8.0312	15.5454	52.0742	4	0
9/29/2015	14:00:01	24.5478	16.9714	5.36649	-1.45414	51.8699	4	0
9/29/2015	15:00:01	23.4258	15.9657	8.75796	10.7431	52.0742	4	0
9/29/2015	16:00:00	22.8027	14.3479	7.34849	-3.97145	51.6657	4	0
9/29/2015	17:00:00	20.8897	13.3431	8.11792	8.03487	52.2784	4	0
9/29/2015	18:00:01	19.1061	11.7524	4.13017	2.71988	52.4826	4	0
9/29/2015	19:00:01	17.9081	9.28434	3.37297	2.58378	52.2784	4	0
9/29/2015	20:00:00	16.4999	7.70656	6.2457	9.75826	52.4826	4	0
9/29/2015	21:00:01	15.4428	7.78041	8.80424	8.93574	52.4826	4	0
9/29/2015	22:00:01	14.4881	7.21128	4.96131	3.56627	52.891	4	0
9/29/2015	23:00:00	13.4714	6.72564	4.26282	5.30645	52.6868	4	0
9/30/2015	0:00:00	12.7638	6.01565	3.44945	2.93772	52.891	4	0
9/30/2015	1:00:01	11.8662	5.58702	2.78957	3.06732	52.6868	4	0
9/30/2015	2:00:00	11.8662	5.58702	2.78957	3.91406	53.5036	4	0
9/30/2015	3:00:00	10.3742	5.17155	4.89058	4.45205	53.5036	4	0
9/30/2015	4:00:00	9.46635	4.92929	4.31768	4.23557	53.2994	4	0

9/30/2015	5:00:01	8.81172	4.57104	3.64938	2.69303	53.5036	4	0
9/30/2015	6:00:00	8.07718	4.6336	4.90261	4.97517	52.6868	4	0
9/30/2015	7:00:00	7.05467	4.9382	6.88906	8.49574	53.0952	4	0
9/30/2015	8:00:01	6.44654	5.19589	9.14964	10.5358	51.8699	4	0
9/30/2015	9:00:00	6.60029	5.3826	10.8682	6.59131	52.4826	4	0
9/30/2015	10:00:00	6.52179	5.76084	9.35429	-4.25802	51.6657	4	0
9/30/2015	11:00:01	6.45906	6.11152	8.45751	14.9441	51.4615	4	0
9/30/2015	12:00:01	6.66157	7.22687	16.7254	15.4115	51.4615	4	0
9/30/2015	13:00:00	7.07283	8.4892	17.951	15.1877	51.6657	4	0
9/30/2015	14:00:01	7.3577	9.15558	12.1462	3.50393	51.4615	4	0
9/30/2015	15:00:01	7.63681	10.0313	15.4468	20.3613	51.2573	4	0
9/30/2015	16:00:00	7.84597	10.7132	13.1314	10.3188	51.6657	4	0
9/30/2015	17:00:01	8.0853	11.5653	14.132	8.30118	51.8699	4	0
9/30/2015	18:00:01	8.62941	12.6026	18.4528	22.8152	52.891	4	0
9/30/2015	19:00:00	9.04016	13.1378	13.8787	9.83279	52.891	4	0
9/30/2015	20:00:01	9.14313	13.1151	9.50433	8.77888	53.2994	4	0
9/30/2015	21:00:01	9.06803	12.8045	7.20513	7.91443	53.0952	4	0
9/30/2015	22:00:00	9.07849	12.4725	5.21112	4.35197	53.5037	4	0
9/30/2015	23:00:00	9.11706	12.215	5.30638	6.84891	53.0952	4	0
10/1/2015	0:00:01	9.17094	11.2665	5.19506	4.43867	52.891	4	0
10/1/2015	1:00:00	9.22199	10.1545	4.15782	3.03201	53.5037	4	0
10/1/2015	2:00:00	9.22199	10.1545	4.15782	5.69138	54.1163	4	0
10/1/2015	3:00:01	9.14667	8.57956	2.99535	3.67307	53.2994	4	0
10/1/2015	4:00:01	9.17011	7.92768	4.95767	7.42047	54.3205	4	0
10/1/2015	5:00:00	9.24876	7.24734	5.57957	8.97838	53.5037	4	0
10/1/2015	6:00:00	9.47978	6.58123	9.92882	6.08191	53.2994	4	0
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10/1/2015	8:00:00	9.83665	6.49459	7.57938	13.9478	52.6868	4	0
10/1/2015	9:00:00	9.88313	6.78265	10.3208	9.17579	52.0742	4	0
10/1/2015	10:00:01	0	0	0	0	18.7875	3	0
10/1/2015	11:00:00	0	0	0	0	18.5833	3	0
10/1/2015	12:00:00	0	0	0	14.8474	18.9917	4	0
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10/1/2015	14:00:01	0	0	13.2147	15.457	18.5833	4	0
10/1/2015	15:00:00	0	0	15.6552	14.6097	18.5833	4	0
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10/1/2015	17:00:01	0	0	8.62354	5.46516	18.7876	4	0
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10/1/2015	19:00:00	0	0	9.34486	6.57233	19.8086	4	0
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10/1/2015	21:00:01	0	0	6.32208	7.08015	19.4002	4	0
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10/1/2015	23:00:00	0	0	4.76388	4.90457	19.6044	4	0
10/2/2015	0:00:00	0	0	4.71162	5.33493	20.217	4	0
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10/2/2015	2:00:00	0	8.03623	4.36991	4.32481	19.6044	4	0
10/2/2015	3:00:00	0	7.21159	5.45752	5.87016	19.6044	4	0
10/2/2015	4:00:00	0	6.47555	5.33626	5.64257	19.196	4	0
10/2/2015	5:00:01	0	6.20782	5.30806	3.2912	19.4002	4	0
10/2/2015	6:00:00	0	5.81431	5.74767	6.13094	19.8086	4	0
10/2/2015	7:00:00	0	5.57819	6.20817	5.59277	19.6044	4	0
10/2/2015	8:00:01	0	5.81644	9.18711	12.5875	19.4002	4	0
10/2/2015	9:00:01	0	5.78524	5.86923	1.12694	19.4002	4	0
10/2/2015	10:00:00	0	6.52551	15.5022	22.9634	19.4002	4	0
10/2/2015	11:00:01	0	7.66327	18.2362	16.8	18.9918	4	0
10/2/2015	12:00:01	0	9.16039	22.7267	22.6251	18.7876	4	0
10/2/2015	13:00:00	9.70017	10.4574	20.8258	24.8471	19.4002	4	0
10/2/2015	14:00:00	9.91964	11.6452	18.8887	19.7516	19.4002	4	0
10/2/2015	15:00:01	10.1386	12.9233	20.7946	19.173	19.8086	4	0
10/2/2015	16:00:01	10.3874	14.2101	21.8646	24.6572	19.6044	4	0
10/2/2015	17:00:00	10.9206	15.5362	20.77	16.9292	19.6044	4	0
10/2/2015	18:00:01	11.0611	16.2341	15.1011	13.731	19.6044	4	0
10/2/2015	19:00:01	11.1143	16.6136	11.4377	11.4247	19.6044	4	0
10/2/2015	20:00:00	11.1614	16.5165	8.50584	8.96704	19.8086	4	0
10/2/2015	21:00:00	11.3016	16.8394	9.72754	11.4017	19.196	4	0
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10/2/2015	23:00:00	12.1624	16.7489	16.7801	18.4299	19.6044	4	0
10/3/2015	0:00:00	12.5178	16.0057	13.7645	12.6938	19.6044	4	0
10/3/2015	1:00:01	12.7421	15.1889	10.7557	12.0328	19.196	4	0
10/3/2015	2:00:00	13.0098	14.5653	11.4702	9.85872	19.4002	4	0
10/3/2015	3:00:01	13.1302	13.5857	8.90576	7.25162	20.0128	4	0
10/3/2015	4:00:01	13.2688	12.5169	8.7603	9.24091	19.6044	4	0

10/3/2015	5:00:00	13.4404	11.5822	9.01481	10.1564	19.8086	4	0
10/3/2015	6:00:00	13.615	11.1145	8.95614	11.1379	19.6044	4	0
10/3/2015	7:00:01	13.7407	10.925	9.05119	10.1515	19.8086	4	0
10/3/2015	8:00:01	13.7846	11.0542	9.95957	10.9009	20.0128	4	0
10/3/2015	9:00:00	14.2208	11.5379	15.1062	21.4184	19.4002	4	0
10/3/2015	10:00:01	14.1335	11.3462	12.9288	11.02	19.8086	4	0
10/3/2015	11:00:01	13.8576	10.8192	10.0727	1.27052	19.196	4	0
10/3/2015	12:00:00	13.4868	10.8256	14.1491	17.4223	19.8086	4	0
10/3/2015	13:00:00	13.0912	10.8631	11.3841	14.2526	20.217	4	0
10/3/2015	14:00:01	12.8646	11.009	13.3513	13.3426	19.6044	4	0
10/3/2015	15:00:01	12.509	11.2898	12.5638	14.4016	20.0128	4	0
10/3/2015	16:00:00	12.2442	11.8563	15.792	18.1732	20.6255	4	0
10/3/2015	17:00:01	12.1272	12.5903	17.9624	17.7536	20.4212	4	0
10/3/2015	18:00:01	12.0322	12.9404	13.6466	17.1671	20.8297	4	0
10/3/2015	19:00:00	11.843	12.763	6.99988	5.41479	20.4212	4	0
10/3/2015	20:00:00	11.6845	12.3462	5.23856	5.21067	20.4212	4	0
10/3/2015	21:00:01	11.5753	11.6908	7.19445	7.84045	20.4212	4	0
10/3/2015	22:00:00	11.208	11.1518	6.28863	6.17741	20.4212	4	0
10/3/2015	23:00:00	10.7812	10.8476	6.15964	3.91279	20.0128	4	0
10/4/2015	0:00:01	10.391	10.0403	4.27933	5.17396	20.4212	4	0
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10/4/2015	2:00:00	9.87323	8.81891	4.73236	6.17296	20.8297	4	0
10/4/2015	3:00:00	9.71301	8.20236	5.08646	5.34526	20.0128	4	0
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10/4/2015	5:00:00	9.45287	6.36312	5.60978	7.46091	20.6255	4	0
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10/4/2015	7:00:01	9.34183	5.89704	8.59337	8.16325	20.0128	4	0
10/4/2015	8:00:01	9.23899	6.07954	7.42282	9.16052	19.6044	4	0
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10/4/2015	10:00:01	8.79866	6.3556	7.99931	5.36995	20.6255	4	0
10/4/2015	11:00:01	8.69508	6.42628	6.83432	7.33978	20.217	4	0
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10/4/2015	13:00:00	8.19003	6.70283	5.69014	6.57761	20.217	4	0
10/4/2015	14:00:01	7.98229	7.03513	8.91826	12.4068	20.6255	4	0
10/4/2015	15:00:01	7.76641	7.23015	7.45164	10.9056	19.8086	4	0
10/4/2015	16:00:00	7.60651	7.75572	12.3654	12.1185	21.0339	4	0

10/4/2015	17:00:01	7.22428	8.03065	8.94564	8.16822	20.4212	4	0
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10/4/2015	20:00:00	7.29882	8.49015	9.74309	10.2191	20.6255	4	0
10/4/2015	21:00:01	7.43635	8.64606	10.5802	11.6546	21.6465	4	0
10/4/2015	22:00:00	7.43635	8.64606	10.5802	10.8111	21.4423	4	0
10/4/2015	23:00:00	7.74057	9.07207	9.96526	12.2097	21.8507	4	0
10/5/2015	0:00:01	7.97983	9.32791	9.67158	9.52634	21.2381	4	0
10/5/2015	1:00:01	8.18915	9.70891	10.1926	10.5473	21.4423	4	0
10/5/2015	2:00:00	8.36126	9.7131	9.01508	9.6324	21.4423	4	0
10/5/2015	3:00:00	8.56355	9.93313	10.2055	11.7212	21.6465	4	0
10/5/2015	4:00:01	8.81524	9.89502	11.7113	12.0634	21.8507	4	0
10/5/2015	5:00:00	9.1171	10.2232	12.8236	12.6954	22.0549	4	0
10/5/2015	6:00:00	9.38311	10.495	12.8736	12.6741	22.2592	4	0
10/5/2015	7:00:01	9.54219	10.8003	12.8584	14.2625	22.6676	4	0
10/5/2015	8:00:01	9.78645	11.0925	13.1191	13.6051	22.0549	4	0
10/5/2015	9:00:00	10.1353	11.6276	16.8982	18.8319	21.8507	4	0
10/5/2015	10:00:01	10.474	12.1136	15.8162	12.6404	22.0549	4	0
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10/5/2015	14:00:01	12.2004	14.5586	15.2844	17.5865	21.6465	4	0
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10/5/2015	16:00:00	12.6862	15.385	16.2093	18.0991	22.2592	4	0
10/5/2015	17:00:01	13.1534	16.0122	20.8963	20.5122	22.4634	4	0
10/5/2015	18:00:01	13.5384	16.515	19.2224	13.8724	22.2592	4	0
10/5/2015	19:00:00	13.9412	17.0109	19.2987	23.426	22.4634	4	0
10/5/2015	20:00:00	14.1794	17.1954	15.2692	18.7532	23.076	4	0
10/5/2015	21:00:01	14.2519	16.84	13.2893	16.1501	22.4634	4	0
10/5/2015	22:00:00	14.3446	16.5367	11.8952	11.9416	22.6676	4	0
10/5/2015	23:00:00	14.3082	15.8339	10.1511	10.5008	23.4844	4	0
10/6/2015	0:00:01	14.2918	15.2871	9.28632	9.8669	23.4844	4	0
10/6/2015	1:00:01	14.2651	14.6544	9.15526	9.13998	23.2802	4	0
10/6/2015	2:00:01	14.3211	14.2757	10.7108	12.8238	23.8929	4	0
10/6/2015	3:00:00	14.3453	13.8102	10.986	10.5827	23.2802	4	0
10/6/2015	4:00:00	14.2431	13.2572	9.53888	10.6741	23.4844	4	0

10/6/2015	5:00:01	14.1969	12.5016	11.6169	11.563	24.0971	4	0
10/6/2015	6:00:02	14.0952	11.8076	10.966	10.542	23.8929	4	0
10/6/2015	7:00:00	14.1264	11.292	12.6537	12.2221	23.6886	4	0
10/6/2015	8:00:01	14.0949	11.0526	12.3068	11.9318	24.3013	4	0
10/6/2015	9:00:01	13.9635	11.041	12.8068	14.1103	23.4844	4	0
10/6/2015	10:00:00	13.7711	10.9549	10.6582	8.32519	23.4844	4	0
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10/6/2015	13:00:00	13.4021	11.8348	15.6913	12.5444	22.8718	4	0
10/6/2015	14:00:00	13.3734	12.1023	13.7192	17.6631	23.076	4	0
10/6/2015	15:00:01	13.3818	12.5497	16.2315	19.2149	23.2802	4	0
10/6/2015	16:00:01	13.3798	13.0974	16.2499	17.4567	22.6676	4	0
10/6/2015	17:00:00	13.0306	13.283	15.2587	12.4779	22.8718	4	0
10/6/2015	18:00:00	13.3087	14.7	30.3106	49.4229	23.8928	4	0
10/6/2015	19:00:01	13.9952	16.6748	37.1873	27.8675	24.0971	4	0
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10/6/2015	22:00:01	15.2298	19.5821	28.4182	30.5833	24.5055	4	0
10/6/2015	23:00:02	16.0024	21.1198	27.4416	30.7066	24.5055	4	0
10/7/2015	0:00:00	17.2763	23.4489	39.3379	40.6413	24.5055	4	0
10/7/2015	1:00:00	18.0625	24.5096	28.2844	29.3966	24.9139	4	0
10/7/2015	2:00:01	19.4289	27.0164	43.403	32.0988	24.7097	4	0
10/7/2015	3:00:00	19.9086	27.5911	23.1224	26.398	25.1181	4	0
10/7/2015	4:00:00	20.4869	28.2587	24.6683	20.0594	25.3223	4	0
10/7/2015	5:00:01	20.9583	28.9185	22.5817	21.0133	25.3223	4	0
10/7/2015	6:00:02	21.3211	28.0897	20.9244	31.9507	24.9139	4	0
10/7/2015	7:00:00	22.2809	27.9439	34.47	33.2837	25.5266	4	0
10/7/2015	8:00:01	23.6521	29.5303	41.4434	43.4764	25.5266	4	0
10/7/2015	9:00:01	25.5931	32.6899	51.4765	50.918	24.3013	4	0
10/7/2015	10:00:00	27.4727	34.7898	51.6985	56.8424	24.5055	4	0
10/7/2015	11:00:01	29.7026	37.6598	61.0986	69.5836	24.3013	4	0
10/7/2015	12:00:01	31.9244	39.6634	63.3652	51.8611	24.9139	4	0
10/7/2015	13:00:01	33.6123	41.8181	53.1083	50.6432	24.5055	4	0
10/7/2015	14:00:00	35.0059	41.9714	46.382	48.8616	24.7097	4	0
10/7/2015	15:00:01	36.2839	43.9938	50.1088	42.824	24.9139	4	0
10/7/2015	16:00:01	37.4064	45.4897	44.0209	52.3068	24.7097	4	0

10/7/2015	17:00:00	38.2388	46.8545	46.3846	49.3836	25.7308	4	0
10/7/2015	18:00:01	38.8959	49.1376	52.6472	63.1893	25.7308	4	0
10/7/2015	19:00:01	38.8751	49.496	43.107	40.0759	26.3434	4	0
10/7/2015	20:00:00	38.9342	48.4243	32.555	30.6151	26.1392	4	0
10/7/2015	21:00:00	39.2625	46.4551	27.7265	26.539	26.7518	4	0
10/7/2015	22:00:01	38.7463	43.7375	19.6676	21.6591	26.3434	4	0
10/7/2015	23:00:00	38.1807	40.0519	15.7755	13.5905	26.5476	4	0
10/8/2015	0:00:01	37.0114	35.9063	11.1566	10.9779	26.956	4	0
10/8/2015	1:00:01	36.2426	32.5468	11.0778	11.6005	26.7518	4	0
10/8/2015	2:00:00	34.8148	29.6682	10.3327	7.78348	26.7518	4	0
10/8/2015	3:00:00	34.177	26.3949	9.1482	6.84706	26.956	4	0
10/8/2015	4:00:01	33.4267	23.5375	8.36293	11.5323	26.956	4	0
10/8/2015	5:00:00	32.9576	20.6603	9.84492	9.97584	26.7518	4	0
10/8/2015	6:00:00	32.4363	17.1255	8.92816	9.30677	27.5687	4	0
10/8/2015	7:00:01	31.6055	14.602	11.349	12.743	26.956	4	0
10/8/2015	8:00:01	31.3921	14.2787	26.8114	48.9892	26.956	4	0
10/8/2015	9:00:00	31.2027	15.3531	39.5672	43.3108	26.7518	4	0
10/8/2015	10:00:01	31.4518	17.9217	49.1684	60.2042	26.1392	4	0
10/8/2015	11:00:01	31.784	21.955	63.1333	75.4817	25.935	4	0
10/8/2015	12:00:00	32.6376	27.9738	83.7131	96.1901	26.3434	4	0
10/8/2015	13:00:00	33.8581	33.7308	79.2898	80.122	26.5476	4	0
10/8/2015	14:00:01	34.7857	38.436	65.74	61.8533	25.935	4	0
10/8/2015	15:00:01	36.0345	44.3012	79.2896	71.953	25.935	4	0
10/8/2015	16:00:01	36.405	48.0202	53.5333	43.5227	25.7308	4	0
10/8/2015	17:00:00	36.1215	50.5908	42.5842	45.2596	26.3434	4	0
10/8/2015	18:00:01	35.5441	53.2034	42.4281	46.2543	26.5476	4	0
10/8/2015	19:00:01	35.0202	55.0054	40.1881	25.3879	27.3645	4	0
10/8/2015	20:00:00	35.0842	55.6238	34.5836	24.8425	26.5476	4	0
10/8/2015	21:00:00	34.7667	54.0672	23.7216	28.2013	27.5687	4	0
10/8/2015	22:00:01	35.0196	52.2526	30.5951	36.2792	26.956	4	0
10/8/2015	23:00:00	35.5096	49.4242	28.8154	28.394	27.3645	4	0
10/9/2015	0:00:00	36.3425	45.2348	32.834	36.3601	27.5687	4	0
10/9/2015	1:00:01	37.0631	41.2303	30.2501	31.7869	27.5687	4	0
10/9/2015	2:00:01	37.6912	38.2016	29.2645	27.6085	27.5687	4	0
10/9/2015	3:00:00	38.1875	33.6622	22.617	15.012	27.7729	4	0
10/9/2015	4:00:00	38.4645	30.6116	14.9312	14.9711	28.1813	4	0

10/9/2015	5:00:01	38.6548	28.5516	17.5002	16.8629	27.5687	4	0
10/9/2015	6:00:00	38.5381	25.8741	10.1391	12.7759	27.9771	4	0
10/9/2015	7:00:00	38.4093	23.4452	10.6224	6.79141	28.3855	4	0
10/9/2015	8:00:01	37.6609	21.3364	8.15008	5.13204	27.7729	4	0
10/9/2015	9:00:01	36.4441	20.0016	6.28262	1.84098	27.7729	4	0
10/9/2015	10:00:00	34.6342	18.0171	6.84488	4.84649	27.3645	4	0
10/9/2015	11:00:01	32.4639	16.3755	8.58146	8.0555	28.5897	4	0
10/9/2015	12:00:01	29.4851	14.108	4.04721	2.57002	28.3855	4	0
10/9/2015	13:00:00	29.4851	14.108	4.04721	12.5147	27.7729	4	0
10/9/2015	14:00:00	24.3291	10.5564	8.32183	8.80986	27.9771	4	0
10/9/2015	15:00:01	21.5482	9.54256	10.6022	8.10339	27.5687	4	0
10/9/2015	16:00:01	19.6567	8.80069	5.97198	4.96622	28.1813	4	0
10/9/2015	17:00:00	18.2047	8.01159	8.35742	6.59149	27.9771	4	0
10/9/2015	18:00:01	16.8852	8.01726	10.4025	9.01735	28.5897	4	0
10/9/2015	19:00:01	15.9054	8.5935	17.97	19.1913	28.9982	4	0
10/9/2015	20:00:00	15.2219	9.39629	17.9757	11.8998	28.9982	4	0
10/9/2015	21:00:00	14.7115	9.87039	12.3905	17.4003	28.7939	4	0
10/9/2015	22:00:01	14.0593	10.4613	13.8899	21.8477	29.2024	4	0
10/9/2015	23:00:00	13.8415	11.6691	23.1819	16.7421	28.5897	4	0
10/10/2015	0:00:00	13.0579	12.426	13.3834	16.8828	29.2024	4	0
10/10/2015	1:00:01	12.3568	12.7484	11.8958	9.64695	28.794	4	0
10/10/2015	2:00:01	11.5816	12.8968	10.2446	11.7579	29.6108	4	0
10/10/2015	3:00:00	10.9702	12.6484	7.60822	10.4118	29.6108	4	0
10/10/2015	4:00:00	10.7169	12.855	8.31046	7.22556	29.815	4	0
10/10/2015	5:00:01	10.3305	12.828	8.22731	8.75821	29.815	4	0
10/10/2015	6:00:00	10.3835	12.8989	10.7731	10.9279	29.6108	4	0
10/10/2015	7:00:00	10.5746	12.6561	14.3776	16.6459	30.0192	4	0
10/10/2015	8:00:01	11.4155	13.4188	25.2352	16.5579	29.4066	4	0
10/10/2015	9:00:01	11.662	13.3134	9.92239	1.67699	29.2024	4	0
10/10/2015	10:00:01	12.1499	13.6267	17.0605	28.3684	28.794	4	0
10/10/2015	11:00:00	12.4081	12.8491	14.1718	13.1593	28.3855	4	0
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10/10/2015	13:00:01	13.3859	13.5748	20.2473	24.0675	28.1813	4	0
10/10/2015	14:00:01	13.8028	14.1848	17.4823	17.6309	28.1813	4	0
10/10/2015	15:00:00	13.9967	14.7892	14.8494	11.7185	28.3855	4	0
10/10/2015	16:00:01	14.6244	15.8338	21.2175	18.1617	28.5897	4	0

10/10/2015	17:00:01	15.0443	16.7226	19.9835	24.7564	29.2024	4	0
10/10/2015	18:00:00	15.6459	17.9636	27.4201	36.316	29.2024	4	0
10/10/2015	19:00:00	17.0316	21.0773	53.1005	62.5663	28.9982	4	0
10/10/2015	20:00:01	18.6223	23.6613	56.8988	63.8938	29.6108	4	0
10/10/2015	21:00:00	20.2162	27.1125	52.3165	48.3047	28.9982	4	0
10/10/2015	22:00:00	21.5188	29.4917	45.8018	50.4519	30.0192	4	0
10/10/2015	23:00:01	22.4495	32.1483	45.7741	39.1822	29.815	4	0
10/11/2015	0:00:01	23.5672	34.4094	40.1315	34.6858	29.6108	4	0
10/11/2015	1:00:00	24.2962	35.1702	27.3852	29.5778	29.6108	4	0
10/11/2015	2:00:00	24.9513	35.9531	27.7549	22.0107	30.0192	4	0
10/11/2015	3:00:01	25.7179	36.9331	26.826	33.8452	30.0192	4	0
10/11/2015	4:00:00	26.9536	38.3571	37.185	34.0105	30.6319	4	0
10/11/2015	5:00:00	27.6596	38.8576	26.5519	29.5792	30.4277	4	0
10/11/2015	6:00:01	28.5666	39.3267	32.795	43.7627	30.4277	4	0
10/11/2015	7:00:01	29.4276	37.8533	34.7891	42.051	30.6319	4	0
10/11/2015	8:00:00	29.8688	35.8854	28.7457	31.854	29.815	4	0
10/11/2015	9:00:01	30.7299	33.7061	22.2701	20.8185	29.815	4	0
10/11/2015	10:00:01	31.1726	31.8025	20.3467	18.8649	28.9982	4	0
10/11/2015	11:00:00	31.7826	30.0175	23.4532	29.4418	29.4066	4	0
10/11/2015	12:00:00	32.8703	29.6245	35.2243	40.9701	28.794	4	0
10/11/2015	13:00:01	34.8643	32.8306	65.8814	95.6276	28.794	4	0
10/11/2015	14:00:01	37.4102	36.9244	77.6583	75.398	29.2024	4	0
10/11/2015	15:00:00	38.8677	38.598	46.6723	51.6966	28.3855	4	0
10/11/2015	16:00:01	39.4765	38.4244	37.8715	39.8986	28.7939	4	0
10/11/2015	17:00:01	40.5117	40.1183	50.8355	60.8861	29.4066	4	0
10/11/2015	18:00:00	41.2905	41.4253	52.8257	50.3512	29.6108	4	0
10/11/2015	19:00:00	40.8416	42.3532	50.3321	64.7898	30.0192	4	0
10/11/2015	20:00:01	40.8515	44.9558	62.3771	55.9624	29.815	4	0
10/11/2015	21:00:00	40.4801	46.9119	46.8008	42.2789	30.2234	4	0
10/11/2015	22:00:00	39.7906	47.8183	31.6359	30.6301	29.815	4	0
10/11/2015	23:00:01	39.5674	49.4869	45.2842	52.7068	29.815	4	0
10/12/2015	0:00:01	39.3823	49.6649	36.3589	26.8665	30.6319	4	0
10/12/2015	1:00:00	39.4594	46.7685	29.2102	37.5511	30.2234	4	0
10/12/2015	2:00:00	39.4726	42.885	29.5931	28.5238	30.6319	4	0
10/12/2015	3:00:01	39.5163	41.473	28.1776	33.4159	30.6319	4	0
10/12/2015	4:00:00	38.9651	40.5682	27.0825	31.292	31.2445	4	0

10/12/2015	5:00:00	38.8403	38.4834	25.0106	23.3125	30.8361	4	0
10/12/2015	6:00:01	38.8334	36.9566	33.606	42.6596	30.6319	4	0
10/12/2015	7:00:01	38.8924	35.8624	36.2276	49.8762	31.0403	4	0
10/12/2015	8:00:00	40.1045	35.2113	51.3186	64.9964	30.6319	4	0
10/12/2015	9:00:01	43.262	39.2772	94.0165	93.2328	30.2234	4	0
10/12/2015	10:00:01	45.1164	42.0429	65.1366	56.1802	30.0192	4	0
10/12/2015	11:00:00	46.2708	42.4955	51.3141	65.613	30.0192	4	0
10/12/2015	12:00:00	47.178	44.1661	56.833	67.7701	30.4277	4	0
10/12/2015	13:00:01	47.5614	47.3755	62.4521	94.3565	30.0192	4	0
10/12/2015	14:00:01	50.4003	56.7139	138.861	224.843	29.815	4	0
10/12/2015	15:00:00	57.1094	71.7454	211.42	216.985	30.2234	4	0
10/12/2015	16:00:01	63.0239	84.6237	186.746	163.967	30.0192	4	0
10/12/2015	17:00:01	67.8231	96.6937	180.118	177.342	30.6319	4	0
10/12/2015	18:00:00	70.2512	103.256	117.876	108.601	31.0403	4	0
10/12/2015	19:00:00	71.5588	107.006	81.2741	79.9614	30.8361	4	0
10/12/2015	20:00:01	72.2737	109.464	84.6187	91.4526	31.2445	4	0
10/12/2015	21:00:00	73.8545	108.733	83.7372	89.373	31.0403	4	0
10/12/2015	22:00:00	76.528	111.545	105.082	91.9939	31.0403	4	0
10/12/2015	23:00:01	77.9831	114.323	94.3331	55.9935	31.8571	4	0
10/13/2015	0:00:01	78.1231	113.191	49.3379	43.4449	32.0613	4	0
10/13/2015	1:00:00	77.4456	109.455	22.3251	17.7314	32.0613	4	0
10/13/2015	2:00:00	76.6225	99.3038	12.063	11.7301	32.0613	4	0
10/13/2015	3:00:01	76.1137	83.5949	9.7427	9.68784	31.2445	4	0
10/13/2015	4:00:00	75.1662	69.2254	9.54281	10.0284	31.6529	4	0
10/13/2015	5:00:00	74.3189	55.2346	7.5553	10.5637	32.2656	4	0
10/13/2015	6:00:00	73.2595	46.4463	9.52442	26.0471	32.2656	4	0
10/13/2015	7:00:00	72.2405	40.6981	9.37056	5.93566	31.6529	4	0
10/13/2015	8:00:01	70.5354	34.7246	11.2015	10.0139	31.6529	4	0
10/13/2015	9:00:01	67.372	28.9245	11.0084	10.6638	32.0613	4	0
10/13/2015	10:00:00	65.586	21.5727	13.6952	12.7089	32.0613	4	0
10/13/2015	11:00:00	65.76	17.6278	45.3124	146.781	32.0613	4	0
10/13/2015	12:00:01	65.7158	17.5461	47.8585	36.4414	31.4487	4	0
10/13/2015	13:00:01	64.5077	17.5068	20.9496	16.3696	31.2445	4	0
10/13/2015	14:00:00	59.6831	18.008	18.199	23.4428	31.2445	4	0
10/13/2015	15:00:01	52.2031	18.9671	20.5504	19.8038	31.2445	4	0
10/13/2015	16:00:01	45.1694	19.7167	19.6352	21.4508	31.4487	4	0

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10/13/2015	18:00:00	35.0105	23.2208	41.4891	52.1777	31.8571	4	0
10/13/2015	19:00:01	32.8813	25.1831	35.385	36.8808	31.8571	4	0
10/13/2015	20:00:00	31.3761	28.0859	46.0579	53.8888	31.8571	4	0
10/13/2015	21:00:00	29.7519	30.8945	47.0192	44.8238	32.8782	4	0
10/13/2015	22:00:01	26.8985	32.6517	36.7938	33.0364	32.4698	4	0
10/13/2015	23:00:01	24.3099	31.4567	30.7161	30.4051	32.8782	4	0
10/14/2015	0:00:00	23.2099	29.4578	23.5015	22.9415	32.674	4	0
10/14/2015	1:00:00	23.1207	29.4627	21.1302	21.3577	32.8782	4	0
10/14/2015	2:00:01	23.4516	29.6565	19.7992	17.9683	33.0824	4	0
10/14/2015	3:00:00	24.0853	30.043	23.3717	22.2835	32.674	4	0
10/14/2015	4:00:00	24.15	29.4338	12.5247	9.63271	32.8782	4	0
10/14/2015	5:00:01	24.2988	28.7102	12.4207	15.4887	33.8993	4	0
10/14/2015	6:00:01	24.6476	26.8804	18.4684	17.9383	33.2866	4	0
10/14/2015	7:00:00	25.3934	26.1898	25.209	21.0119	32.8782	4	0
10/14/2015	8:00:01	25.9373	24.0972	16.4221	21.052	32.4698	4	0
10/14/2015	9:00:01	26.1003	21.083	8.06148	0.713644	32.674	4	0
10/14/2015	10:00:00	26.3709	19.4418	16.3377	12.3746	31.8571	4	0
10/14/2015	11:00:00	25.1656	18.1114	15.1454	10.589	32.0613	4	0
10/14/2015	12:00:01	23.8241	17.1719	11.723	12.3844	31.6529	4	0
10/14/2015	13:00:01	23.9291	17.2229	22.1433	38.3145	31.2445	4	0
10/14/2015	14:00:00	23.9648	16.9971	17.3367	28.5776	31.4487	4	0
10/14/2015	15:00:01	24.0838	16.9583	24.077	14.7038	31.6529	4	0
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10/14/2015	17:00:00	23.7377	17.7495	18.3919	28.528	32.0613	4	0
10/14/2015	18:00:00	23.8477	20.137	49.7172	121.967	32.4698	4	0
10/14/2015	19:00:01	25.0194	23.4942	67.7206	45.7981	32.4698	4	0
10/14/2015	20:00:00	24.5778	25.1812	38.2462	49.6983	32.8782	4	0
10/14/2015	21:00:00	24.684	28.6786	50.9407	55.2873	33.0824	4	0
10/14/2015	22:00:01	24.6858	30.4233	37.361	41.2368	32.8782	4	0
10/14/2015	23:00:01	25.2602	32.8691	43.6864	46.5514	33.2866	4	0
10/15/2015	0:00:00	25.6982	34.7634	34.3925	34.2034	33.4908	4	0
10/15/2015	1:00:00	26.1228	35.6335	32.8091	34.5292	33.2866	4	0
10/15/2015	2:00:01	26.8077	37.2947	37.5123	34.5191	32.8782	4	0
10/15/2015	3:00:00	27.7137	39.1078	44.4801	45.0868	33.8993	4	0
10/15/2015	4:00:00	28.5851	40.431	34.315	32.2604	33.695	4	0

10/15/2015	5:00:01	29.8347	42.4145	39.5614	26.0181	33.8993	4	0
10/15/2015	6:00:01	30.7239	41.5936	36.6338	40.0287	32.8782	4	0
10/15/2015	7:00:00	31.9992	40.5563	52.8394	70.0588	33.2866	4	0
10/15/2015	8:00:01	33.7724	41.977	49.9828	43.6153	32.4698	4	0
10/15/2015	9:00:01	36.0879	42.7341	57.6173	58.8103	32.674	4	0
10/15/2015	10:00:00	37.477	43.6132	48.0866	38.6659	33.0824	4	0
10/15/2015	11:00:00	39.6148	45.252	62.487	72.2795	32.674	4	0
10/15/2015	12:00:01	41.6937	47.1487	54.431	61.3621	32.0614	4	0
10/15/2015	13:00:01	43.4778	49.4953	59.2796	100.084	32.0613	4	0
10/15/2015	14:00:00	46.7639	54.1055	93.1108	83.0632	32.0613	4	0
10/15/2015	15:00:01	49.0948	56.8585	79.7581	185.587	32.2656	4	0
10/15/2015	16:00:01	55.1031	67.6731	170.124	89.7654	32.4698	4	0
10/15/2015	17:00:00	57.0194	70.0336	77.3722	63.7842	33.0824	4	0
10/15/2015	18:00:00	56.7308	70.9674	57.6703	56.8549	33.2866	4	0
10/15/2015	19:00:01	55.2676	69.7486	48.3034	47.8073	33.2866	4	0
10/15/2015	20:00:00	55.1732	68.7425	39.5928	52.9256	33.2866	4	0
10/15/2015	21:00:00	54.177	66.6092	36.4984	34.5785	33.695	4	0
10/15/2015	22:00:01	53.5894	64.8985	30.7356	33.3604	33.2866	4	0
10/15/2015	23:00:01	52.7702	62.0879	30.1459	24.6094	33.695	4	0
10/16/2015	0:00:00	52.1785	59.5023	21.8852	23.1082	34.1035	4	0
10/16/2015	1:00:00	51.6587	56.6126	22.7259	29.3907	34.1035	4	0
10/16/2015	2:00:01	51.0023	51.1456	22.0392	24.2588	34.5119	4	0
10/16/2015	3:00:00	51.0023	51.1456	22.0392	26.5427	34.3077	4	0
10/16/2015	4:00:00	49.7291	35.6553	24.5697	28.095	34.1035	4	0
10/16/2015	5:00:01	49.0975	31.6528	26.313	25.6813	34.5119	4	0
10/16/2015	6:00:01	48.7712	29.3258	27.2361	34.2022	34.5119	4	0
10/16/2015	7:00:00	47.7094	27.7324	28.4574	38.3202	34.9203	4	0
10/16/2015	8:00:01	47.4349	27.1485	28.1139	32.4907	33.695	4	0
10/16/2015	9:00:01	46.2142	25.8	17.847	16.2457	34.3077	4	0
10/16/2015	10:00:01	45.036	24.6001	15.8265	16.5613	34.1035	4	0
10/16/2015	11:00:00	43.2528	23.3909	15.4016	23.0039	33.8993	4	0
10/16/2015	12:00:01	41.9696	23.3572	21.8246	18.6742	34.1035	4	0
10/16/2015	13:00:01	41.7435	25.6024	49.5726	46.0983	34.1035	4	0
10/16/2015	14:00:00	39.7647	27.2131	41.7828	47.6534	34.1035	4	0
10/16/2015	15:00:01	38.98	29.8183	57.3603	29.478	34.1035	4	0
10/16/2015	16:00:01	32.7887	29.0522	16.0915	13.8415	33.695	4	0

10/16/2015	17:00:00	30.1869	28.1665	19.0222	17.9582	34.7161	4	0
10/16/2015	18:00:00	28.535	27.4491	21.053	21.3769	34.7161	4	0
10/16/2015	19:00:01	27.2727	26.6771	21.6154	32.13	34.5119	4	0
10/16/2015	20:00:00	26.7114	26.662	29.9597	25.8283	34.9203	4	0
10/16/2015	21:00:00	26.4755	27.7808	31.7991	34.4477	35.533	4	0
10/16/2015	22:00:00	26.3393	28.7517	27.3332	22.504	35.3288	4	0
10/16/2015	23:00:01	25.6939	28.7162	15.0068	12.8617	35.3288	4	0
10/17/2015	0:00:00	25.2357	27.9041	12.4576	10.2846	35.533	4	0
10/17/2015	1:00:00	24.7074	24.7767	10.5701	8.84787	35.533	4	0
10/17/2015	2:00:01	24.1078	22.0516	7.53643	7.02285	35.533	4	0
10/17/2015	3:00:00	23.3273	18.0859	7.90689	5.82353	35.533	4	0
10/17/2015	4:00:00	22.5491	17.2793	6.01383	4.54391	35.533	4	0
10/17/2015	5:00:01	21.7007	16.2728	6.77849	6.28466	35.9414	4	0
10/17/2015	6:00:01	20.8698	15.2365	8.63419	15.8247	35.7372	4	0
10/17/2015	7:00:00	20.1048	14.1556	7.42192	5.5817	36.1456	4	0
10/17/2015	8:00:01	19.7507	12.9288	13.2086	23.5309	35.1245	4	0
10/17/2015	9:00:01	19.5678	11.1429	9.53817	8.22531	34.7161	4	0
10/17/2015	10:00:01	19.264	9.31894	5.07001	11.2807	35.1245	4	0
10/17/2015	11:00:00	18.9483	8.61848	6.67439	11.8685	34.9203	4	0
10/17/2015	12:00:01	18.3582	8.14199	6.90372	2.90891	34.3077	4	0
10/17/2015	13:00:01	16.7341	8.01117	9.083	12.1512	34.5119	4	0
10/17/2015	14:00:00	15.5368	8.26975	10.3692	11.8948	34.5119	4	0
10/17/2015	15:00:00	13.6546	8.56477	11.5933	10.6169	34.5119	4	0
10/17/2015	16:00:01	13.5704	9.2445	14.4102	20.6275	34.7161	4	0
10/17/2015	17:00:00	13.3948	10.0196	16.8495	22.2887	34.9203	4	0
10/17/2015	18:00:00	13.6345	11.6185	28.6834	33.2417	35.3287	4	0
10/17/2015	19:00:01	13.6212	12.8934	23.9416	29.1209	35.3287	4	0
10/17/2015	20:00:02	13.2807	13.6554	22.9417	26.5316	35.7372	4	0
10/17/2015	21:00:00	12.8413	14.6465	21.5896	18.9303	36.1456	4	0
10/17/2015	22:00:00	12.9015	16.5967	27.9542	32.363	35.3287	4	0
10/17/2015	23:00:01	13.198	17.9337	23.8651	21.5476	36.1456	4	0
10/18/2015	0:00:00	13.6266	19.2455	21.9935	27.293	35.7372	4	0
10/18/2015	1:00:00	13.9987	20.1649	21.3272	20.8723	36.1456	4	0
10/18/2015	2:00:01	14.5422	21.0088	18.945	26.4077	35.533	4	0
10/18/2015	3:00:01	15.4071	22.4639	28.8722	36.7489	35.9414	4	0
10/18/2015	4:00:00	16.5114	24.0113	32.6386	37.923	35.9414	4	0

10/18/2015	5:00:01	17.6244	25.4559	34.5472	33.5225	36.1456	4	0
10/18/2015	6:00:01	18.4475	25.5081	29.2681	32.6682	36.1456	4	0
10/18/2015	7:00:00	19.4149	26.0826	30.1985	26.6237	36.1456	4	0
10/18/2015	8:00:00	20.4109	27.1043	30.9808	34.5667	35.3288	4	0
10/18/2015	9:00:01	21.9184	28.9177	39.2926	52.8736	35.3288	4	0
10/18/2015	10:00:01	23.2079	29.4252	32.0015	40.8478	34.9203	4	0
10/18/2015	11:00:00	24.6403	30.6985	38.0564	33.1461	35.1245	4	0
10/18/2015	12:00:01	25.8339	31.6941	33.3233	33.5823	34.5119	4	0
10/18/2015	13:00:01	26.6909	32.3116	29.6411	30.2545	34.3077	4	0
10/18/2015	14:00:00	27.6373	33.3704	31.2714	32.5098	34.5119	4	0
10/18/2015	15:00:00	28.6401	33.7847	34.3283	48.5968	34.5119	4	0
10/18/2015	16:00:01	29.9833	34.7905	45.6344	73.0397	34.3077	4	0
10/18/2015	17:00:00	29.9833	34.7905	45.6344	54.1031	34.9203	4	0
10/18/2015	18:00:00	30.9856	35.6821	45.0104	37.3977	35.3288	4	0
10/18/2015	19:00:01	30.9606	35.2897	29.8039	24.5451	35.7372	4	0
10/18/2015	20:00:01	31.9796	36.7413	49.7925	46.2158	36.1456	4	0
10/18/2015	21:00:00	32.8203	36.972	41.2867	37.8376	35.9414	4	0
10/18/2015	22:00:00	34.8607	40.4259	67.7286	62.9928	35.3288	4	0
10/18/2015	23:00:01	35.7535	41.1409	46.6132	45.0156	35.3288	4	0
10/19/2015	0:00:00	37.3027	43.3945	60.0823	72.0258	35.533	4	0
10/19/2015	1:00:01	39.2596	46.746	70.0364	98.2136	35.9414	4	0
10/19/2015	2:00:00	41.0605	49.3861	61.9842	54.4524	35.7372	4	0
10/19/2015	3:00:00	41.8536	50.5664	46.4751	47.7169	35.9414	4	0
10/19/2015	4:00:01	42.6077	51.0955	50.0814	53.8244	35.3287	4	0
10/19/2015	5:00:01	43.3476	52.0873	52.5496	54.4617	35.7372	4	0
10/19/2015	6:00:01	44.3473	52.7586	51.8556	55.6608	35.9414	4	0
10/19/2015	7:00:01	45.1415	54.4303	50.2426	60.1197	35.7372	4	0
10/19/2015	8:00:00	47.173	56.5014	68.9528	106.664	34.9203	4	0
10/19/2015	9:00:00	52.3364	66.3996	157.372	195.479	35.1245	4	0
10/19/2015	10:00:01	56.9679	72.3388	135.822	146.734	34.7161	4	0
10/19/2015	11:00:01	62.9438	83.1669	170.927	146.735	34.5119	4	0
10/19/2015	12:00:00	69.6694	93.9443	185.243	225.252	34.5119	4	0
10/19/2015	13:00:00	74.5285	99.7226	134.818	164.708	33.8993	4	0
10/19/2015	14:00:01	79.6263	106.979	148.527	181.646	34.1035	4	0
10/19/2015	15:00:01	84.0402	114.636	139.966	138.184	34.1035	4	0
10/19/2015	16:00:00	86.5707	119.304	110.861	99.5473	33.8993	4	0

10/19/2015	17:00:01	87.2831	119.995	70.4366	55.7849	34.3077	4	0
10/19/2015	18:00:01	87.6794	120.483	66.9118	63.4107	35.1245	4	0
10/19/2015	19:00:00	88.7103	121.099	66.9787	67.67	35.1245	4	0
10/19/2015	20:00:00	88.9372	120.119	60.6182	63.7394	35.3288	4	0
10/19/2015	21:00:01	89.3174	111.332	57.6992	57.8469	35.533	4	0
10/19/2015	22:00:00	88.3026	103.98	52.3248	53.5168	35.9414	4	0
10/19/2015	23:00:00	88.024	93.4027	45.033	38.6144	35.7372	4	0
10/20/2015	0:00:01	86.8686	81.2049	38.0753	49.6653	36.1456	4	0
10/20/2015	1:00:01	85.1731	73.2353	39.3198	37.9885	35.7372	4	0
10/20/2015	2:00:00	83.9016	64.1519	36.1629	38.6706	35.9414	4	0
10/20/2015	3:00:00	83.6759	56.3584	41.8473	43.8894	36.3498	4	0
10/20/2015	4:00:01	83.2141	51.0393	45.0774	55.5421	36.1456	4	0
10/20/2015	5:00:00	83.0275	49.5408	51.0548	50.64	36.3498	4	0
10/20/2015	6:00:00	83.5962	49.8568	70.1286	106.83	36.3498	4	0
10/20/2015	7:00:01	84.5144	50.7335	77.2617	71.0075	36.554	4	0
10/20/2015	8:00:01	85.1734	51.9862	70.4317	80.8828	36.9625	4	0
10/20/2015	9:00:00	82.1333	53.2838	67.5688	69.8528	36.554	4	0
10/20/2015	10:00:01	80.0309	55.3425	72.9682	79.1779	36.3498	4	0
10/20/2015	11:00:01	77.0695	58.7979	79.7114	78.6716	35.7372	4	0
10/20/2015	12:00:00	77.0695	58.7979	79.7114	69.4632	36.1456	4	0
10/20/2015	13:00:00	70.1043	64.4515	71.6141	84.2584	35.7372	4	0
10/20/2015	14:00:01	66.7938	67.4413	76.5927	71.398	35.533	4	0
10/20/2015	15:00:01	63.9637	69.5899	65.5844	62.4908	35.5329	4	0
10/20/2015	16:00:00	62.8859	72.809	85.2163	75.3726	35.9414	4	0
10/20/2015	17:00:01	62.4721	73.6728	66.3855	67.152	35.9414	4	0
10/20/2015	18:00:01	62.1782	73.2227	76.3865	93.8489	36.7582	4	0
10/20/2015	19:00:00	62.2859	73.0525	87.1955	147.126	37.5751	4	0
10/20/2015	20:00:00	61.6219	71.189	54.3261	63.1333	38.3919	4	0
10/20/2015	21:00:01	60.6064	68.4181	35.1728	29.5933	38.1877	4	0
10/20/2015	22:00:00	59.8352	65.2501	34.2699	41.6128	38.3919	4	0
10/20/2015	23:00:00	58.9867	60.897	26.1504	22.2207	37.7793	4	0
10/21/2015	0:00:01	58.986	58.393	37.9065	64.6024	38.3919	4	0
10/21/2015	1:00:01	60.5862	59.0141	75.4133	83.2545	38.1877	4	0
10/21/2015	2:00:00	61.9798	58.5251	67.3048	62.3226	38.3919	4	0
10/21/2015	3:00:00	62.2845	57.2729	47.6803	46.8436	38.3919	4	0
10/21/2015	4:00:01	62.2895	54.1309	44.1644	36.6269	38.3919	4	0

10/21/2015	5:00:00	61.8616	52.1181	39.8212	45.8137	39.0046	4	0
10/21/2015	6:00:00	60.9216	50.0057	50.7004	51.9013	39.0046	4	0
10/21/2015	7:00:01	60.1817	47.8098	60.2834	59.7963	38.5961	4	0
10/21/2015	8:00:01	59.6988	47.8463	52.294	51.8173	38.3919	4	0
10/21/2015	9:00:00	58.9442	48.5971	41.2935	51.7645	38.1877	4	0
10/21/2015	10:00:01	57.9233	49.452	42.7672	44.1484	38.3919	4	0
10/21/2015	11:00:01	57.028	51.5204	46.985	42.7153	37.9835	4	0
10/21/2015	12:00:00	55.9909	51.7867	39.9028	45.7825	37.9835	4	0
10/21/2015	13:00:00	54.7214	48.4494	35.3713	31.6997	38.1877	4	0
10/21/2015	14:00:01	53.2173	45.9487	38.6635	36.8427	37.7793	4	0
10/21/2015	15:00:01	52.9249	46.6396	56.8169	48.6752	37.3709	4	0
10/21/2015	16:00:00	51.2053	46.5343	44.64	47.5248	37.9835	4	0
10/21/2015	17:00:01	50.0704	46.7744	47.5748	44.3556	38.3919	4	0
10/21/2015	18:00:01	48.6046	46.4449	53.2466	32.9494	39.0046	4	0
10/21/2015	19:00:00	46.0943	43.8867	32.8945	37.3413	39.6172	4	0
10/21/2015	20:00:00	44.9887	42.078	32.9268	55.9496	39.0046	4	0
10/21/2015	21:00:01	44.3464	40.5625	25.2051	23.5529	40.0256	4	0
10/21/2015	22:00:00	43.7116	38.883	24.2029	26.9937	40.2298	4	0
10/21/2015	23:00:00	43.8227	37.3714	26.8139	24.5618	39.6172	4	0
10/22/2015	0:00:01	43.266	36.1106	23.064	26.7799	39.8214	4	0
10/22/2015	1:00:00	40.9706	35.115	23.7082	29.4514	40.6383	4	0
10/22/2015	2:00:00	39.1878	34.1029	25.8141	31.8065	40.2298	4	0
10/22/2015	3:00:00	38.1637	31.5919	25.5859	32.8789	40.6383	4	0
10/22/2015	4:00:01	37.7096	30.7257	32.22	38.9666	39.8214	4	0
10/22/2015	5:00:00	37.5236	29.8486	35.783	38.4022	40.6383	4	0
10/22/2015	6:00:00	36.7871	28.3303	34.3929	35.1944	40.8425	4	0
10/22/2015	7:00:01	35.574	28.3312	33.2264	33.7086	41.2509	4	0
10/22/2015	8:00:00	34.3794	27.4503	21.1668	10.5668	40.6383	4	0
10/22/2015	9:00:00	34.3794	27.4503	21.1668	20.1051	41.0467	4	0
10/22/2015	10:00:01	32.5631	26.1694	16.3443	15.2777	40.4341	4	0
10/22/2015	11:00:01	31.4286	25.1982	13.0221	15.161	40.2298	4	0
10/22/2015	12:00:00	30.5192	24.6665	16.5301	16.1674	39.8214	4	0
10/22/2015	13:00:01	30.1672	24.5818	20.9722	26.2187	39.6172	4	0
10/22/2015	14:00:01	29.5416	24.3463	23.7795	20.9516	39.413	4	0
10/22/2015	15:00:01	28.0758	23.8774	20.4856	23.7851	39.6172	4	0
10/22/2015	16:00:00	26.967	22.6493	18.7862	25.978	40.0256	4	0

10/22/2015	17:00:01	25.386	20.644	14.5508	16.388	40.2298	4	0
10/22/2015	18:00:01	24.1997	19.9631	28.1508	33.4345	40.4341	4	0
10/22/2015	19:00:00	24.0939	19.7451	31.4386	29.5932	40.8425	4	0
10/22/2015	20:00:01	23.6345	19.8473	23.0936	22.6493	40.6383	4	0
10/22/2015	21:00:01	23.2701	20.0178	16.2927	11.8206	41.4551	4	0
10/22/2015	22:00:00	22.4925	19.115	5.3606	5.74652	40.8425	4	0
10/22/2015	23:00:00	21.4755	18.2261	2.17515	0.113198	41.0467	4	0
10/23/2015	0:00:01	20.5942	17.0275	1.99228	5.40129	40.8425	4	0
10/23/2015	1:00:00	19.8881	15.8937	6.98169	14.122	40.8425	4	0
10/23/2015	2:00:00	19.3197	14.9616	11.9647	11.4351	40.4341	4	0
10/23/2015	3:00:01	18.6662	14.0906	9.36448	14.9843	40.8425	4	0
10/23/2015	4:00:01	17.7101	13.2841	8.48325	14.2646	40.8425	4	0
10/23/2015	5:00:00	16.6024	12.8881	9.93797	10.6177	41.2509	4	0
10/23/2015	6:00:00	15.5034	11.2051	7.63947	9.25734	40.8425	4	0
10/23/2015	7:00:01	14.6031	9.53933	11.1743	13.3308	40.6383	4	0
10/23/2015	8:00:00	14.6031	9.53933	11.1743	16.0791	40.6383	4	0
10/23/2015	9:00:00	14.5879	9.01884	16.583	19.021	40.8425	4	0
10/23/2015	10:00:01	14.7291	10.1138	18.108	22.0996	41.2509	4	0
10/23/2015	11:00:01	15.8436	13.1661	38.3694	28.2322	40.6383	4	0
10/23/2015	12:00:00	16.4889	15.6376	31.3853	31.0016	40.0256	4	0
10/23/2015	13:00:01	17.0613	17.8429	32.6098	37.8299	39.8214	4	0
10/23/2015	14:00:01	17.5176	19.6834	33.9038	35.2789	40.4341	4	0
10/23/2015	15:00:00	18.3035	22.1399	38.6083	37.0184	40.2298	4	0
10/23/2015	16:00:00	19.8298	26.1671	59.5991	47.8118	41.2509	4	0
10/23/2015	17:00:01	20.7376	28.3296	35.2992	32.6149	40.4341	4	0
10/23/2015	18:00:01	20.8229	30.2145	29.7371	39.1246	40.6383	4	0
10/23/2015	19:00:00	22.2504	34.7579	64.3441	88.5494	40.6383	4	0
10/23/2015	20:00:01	24.5635	39.964	77.273	76.8273	40.4341	4	0
10/23/2015	21:00:01	25.9589	42.7469	50.8744	39.5655	40.4341	4	0
10/23/2015	22:00:00	28.1765	46.0793	56.9206	63.4862	40.6383	4	0
10/23/2015	23:00:00	30.5384	47.7179	57.9602	57.0492	40.2298	4	0
10/24/2015	0:00:01	31.5387	47.2383	26.6126	35.3712	41.2509	4	0
10/24/2015	1:00:00	32.5129	47.0249	29.8057	34.8136	40.6383	4	0
10/24/2015	2:00:00	33.0168	46.2579	26.2449	30.2659	40.8425	4	0
10/24/2015	3:00:01	33.549	44.897	22.4339	23.9569	41.4551	4	0
10/24/2015	4:00:01	34.2882	42.0537	26.1909	24.8144	40.6383	4	0

10/24/2015	5:00:00	34.937	41.2047	25.141	29.7551	40.2298	4	0
10/24/2015	6:00:00	35.4972	40.402	19.2844	20.4551	40.6383	4	0
10/24/2015	7:00:01	35.933	36.8921	23.5867	33.7562	41.0467	4	0
10/24/2015	8:00:00	36.2755	32.4425	23.5573	23.4531	40.8425	4	0
10/24/2015	9:00:00	35.1968	27.8911	-0.060589	8.63192	41.0467	4	0
10/24/2015	10:00:01	34.592	23.4844	3.41926	16.6037	40.8425	4	0
10/24/2015	11:00:01	33.2509	19.1495	4.98094	13.4947	41.0467	4	0
10/24/2015	12:00:00	31.8032	16.9802	1.54977	-10.8366	41.6593	4	0
10/24/2015	13:00:01	30.4266	14.6729	2.33825	4.31782	41.6593	4	0
10/24/2015	14:00:01	29.1807	12.8167	3.56808	4.8549	41.0467	4	0
10/24/2015	15:00:00	29.1807	12.8167	3.56808	11.5692	41.6593	4	0
10/24/2015	16:00:00	25.4891	9.85398	5.80329	10.2631	41.6593	4	0
10/24/2015	17:00:01	24.2079	8.23762	5.3378	8.93933	41.4551	4	0
10/24/2015	18:00:01	23.0555	6.90489	2.93834	3.50342	41.8635	4	0
10/24/2015	19:00:00	20.4332	5.04697	0.722776	6.02265	41.6593	4	0
10/24/2015	20:00:01	17.4186	3.44598	3.67768	6.46678	41.8635	4	0
10/24/2015	21:00:01	15.5959	3.90962	5.57649	2.38817	41.8635	4	0
10/24/2015	22:00:00	13.4839	4.04883	5.10809	0.267575	42.272	4	0
10/24/2015	23:00:00	11.1907	3.75022	1.36609	5.1149	42.4762	4	0
10/25/2015	0:00:01	10.3785	4.26545	7.86975	11.6773	42.6804	4	0
10/25/2015	1:00:02	9.49153	4.69605	7.56424	10.1815	42.6804	4	0
10/25/2015	2:00:00	8.66174	4.87768	5.82275	8.12323	42.4762	4	0
10/25/2015	3:00:00	7.94546	4.64487	4.18578	3.23921	42.8846	4	0
10/25/2015	4:00:01	7.06652	4.53527	4.51995	6.27691	43.4972	4	0
10/25/2015	5:00:00	6.43885	4.83131	8.83039	8.37198	43.0888	4	0
10/25/2015	6:00:00	5.92905	5.1038	6.31587	11.6258	43.7015	4	0
10/25/2015	7:00:01	5.42694	5.88278	10.16	10.475	43.293	4	0
10/25/2015	8:00:01	5.16112	6.88629	15.2753	6.9846	42.8846	4	0
10/25/2015	9:00:00	5.7738	7.64371	13.8653	3.46536	42.272	4	0
10/25/2015	10:00:01	5.76056	7.46576	2.43706	-5.58256	42.272	4	0
10/25/2015	11:00:01	5.66004	7.55952	2.20341	15.0644	41.8635	4	0
10/25/2015	12:00:00	5.80407	7.3141	5.08965	9.03313	42.272	4	0
10/25/2015	13:00:00	5.82556	6.90563	2.59085	-5.59144	41.2509	4	0
10/25/2015	14:00:01	6.09435	7.23934	9.74825	10.8027	41.4551	4	0
10/25/2015	15:00:01	6.04673	7.38633	6.00356	7.92298	41.2509	4	0
10/25/2015	16:00:00	6.05762	7.51784	6.39196	6.95436	41.2509	4	0

10/25/2015	17:00:01	6.45571	8.03248	15.9854	7.26857	42.6804	4	0
10/25/2015	18:00:01	6.99205	8.83731	16.6571	44.4066	43.293	4	0
10/25/2015	19:00:00	7.81128	9.7063	21.2907	16.3803	43.7015	4	0
10/25/2015	20:00:00	8.64397	10.4126	23.8785	19.6414	43.4972	4	0
10/25/2015	21:00:01	8.90664	10.2706	12.1499	5.99199	43.0888	4	0
10/25/2015	22:00:00	9.05208	10.7784	8.55347	8.87289	43.293	4	0
10/25/2015	23:00:00	9.47881	11.5722	11.9583	13.8643	43.7015	4	0
10/26/2015	0:00:01	9.67388	12.2033	12.8046	15.2125	43.7015	4	0
10/26/2015	1:00:00	9.73575	12.7416	9.28553	8.01267	43.7015	4	0
10/26/2015	2:00:00	9.88477	12.7412	9.52891	9.69065	43.4973	4	0
10/26/2015	3:00:00	10.2091	13.2531	12.0988	11.7905	44.1099	4	0
10/26/2015	4:00:01	10.4789	13.657	11.3102	14.2073	43.9057	4	0
10/26/2015	5:00:00	10.5537	13.2554	11.0416	10.9938	44.1099	4	0
10/26/2015	6:00:00	10.7399	12.7876	10.5664	11.7419	44.1099	4	0
10/26/2015	7:00:01	11.0485	12.4864	17.1919	18.7967	44.1099	4	0
10/26/2015	8:00:01	11.6158	12.7437	24.5913	2.23747	43.0888	4	0
10/26/2015	9:00:00	11.6977	12.9498	13.5343	14.7238	42.6804	4	0
10/26/2015	10:00:01	12.0941	13.1801	10.8515	7.83554	42.8846	4	0
10/26/2015	11:00:00	12.0941	13.1801	10.8515	17.4091	42.6804	4	0
10/26/2015	12:00:01	13.0468	13.4785	12.3316	16.2097	42.272	4	0
10/26/2015	13:00:01	13.5727	13.9062	14.2253	26.3713	42.272	4	0
10/26/2015	14:00:00	13.7825	14.3009	14.4301	22.1667	41.4551	4	0
10/26/2015	15:00:00	14.2091	14.6141	16.4584	24.2415	42.272	4	0
10/26/2015	16:00:01	14.8433	15.4871	22.8491	23.3702	42.6804	4	0
10/26/2015	17:00:01	15.6309	17.5284	36.9207	29.9254	43.0888	4	0
10/26/2015	18:00:00	16.246	19.2906	32.5598	38.4515	42.8846	4	0
10/26/2015	19:00:01	16.692	20.5326	32.9858	33.2731	42.8846	4	0
10/26/2015	20:00:01	16.8385	20.803	28.5474	27.7982	42.8846	4	0
10/26/2015	21:00:00	17.2692	21.6158	24.2985	26.2751	43.4973	4	0
10/26/2015	22:00:00	17.8943	22.7146	24.5094	27.3216	43.0888	4	0
10/26/2015	23:00:01	18.0505	22.7322	14.8154	15.7217	43.4972	4	0
10/27/2015	0:00:00	18.2885	23.2882	18.9543	24.242	43.9057	4	0
10/27/2015	1:00:00	18.5048	23.3595	15.1637	12.7468	43.7015	4	0
10/27/2015	2:00:01	18.7398	23.4341	14.499	14.815	43.9057	4	0
10/27/2015	3:00:01	18.9773	23.6249	19.0972	19.0065	42.8846	4	0
10/27/2015	4:00:00	19.4057	23.5464	20.996	21.6992	43.293	4	0

10/27/2015	5:00:00	19.8709	22.407	23.3431	22.8765	43.4972	4	0
10/27/2015	6:00:01	20.1005	21.1286	17.5425	20.2961	43.9057	4	0
10/27/2015	7:00:00	20.4384	20.4793	24.0949	24.4623	43.4972	4	0
10/27/2015	8:00:00	20.4003	20.0176	22.0097	32.2045	43.7015	4	0
10/27/2015	9:00:01	20.8376	20.1035	26.5259	22.7014	43.7015	4	0
10/27/2015	10:00:01	21.0868	19.4494	16.5955	12.3739	43.9057	4	0
10/27/2015	11:00:00	21.1638	19.5649	15.3969	14.4217	44.1099	4	0
10/27/2015	12:00:01	21.3719	19.297	14.7223	14.7089	43.293	4	0
10/27/2015	13:00:01	21.2012	18.8359	9.57517	8.12921	43.9057	4	0
10/27/2015	14:00:01	21.0858	18.5229	10.36	13.402	43.293	4	0
10/27/2015	15:00:01	20.8223	17.6987	9.04085	9.4217	44.1099	4	0
10/27/2015	16:00:01	20.1704	16.5246	7.17022	12.5953	43.9057	4	0
10/27/2015	17:00:00	19.0103	15.3172	9.18344	11.9741	43.4973	4	0
10/27/2015	18:00:01	18.0161	14.5905	9.24023	9.09538	43.7015	4	0
10/27/2015	19:00:01	17.031	13.3285	9.07611	6.93858	43.4973	4	0
10/27/2015	20:00:00	16.2049	12.1969	8.45148	6.53504	43.293	4	0
10/27/2015	21:00:00	15.6849	10.9452	11.8306	8.82601	43.0888	4	0
10/27/2015	22:00:01	15.0421	10.325	9.36872	12.7781	43.7015	4	0
10/27/2015	23:00:00	14.8206	9.76748	8.58836	2.71497	43.293	4	0
10/28/2015	0:00:00	14.2006	8.86121	3.85471	7.6861	43.293	4	0
10/28/2015	1:00:01	13.739	8.37719	3.68666	4.4128	42.8846	4	0
10/28/2015	2:00:01	13.3142	7.86583	4.24801	2.62347	43.293	4	0
10/28/2015	3:00:00	12.9643	7.99162	10.4735	12.8185	43.7015	4	0
10/28/2015	4:00:00	12.7747	8.77639	16.5457	30.9577	43.9057	4	0
10/28/2015	5:00:01	13.9346	12.3057	51.5562	57.9427	43.9057	4	0
10/28/2015	6:00:00	13.9245	12.9924	17.4257	11.817	43.4973	4	0
10/28/2015	7:00:00	13.2161	12.8563	7.31603	8.8633	43.0888	4	0
10/28/2015	8:00:01	12.253	12.1061	-0.401258	-6.29325	43.293	4	0
10/28/2015	9:00:01	11.1428	11.1881	1.17931	4.99002	43.4972	4	0
10/28/2015	10:00:00	10.4043	10.3738	0.053872	1.32037	43.7015	4	0
10/28/2015	11:00:01	9.76339	9.70062	0.759035	-0.317781	43.7015	4	0
10/28/2015	12:00:01	9.21777	9.5244	1.5939	4.39896	44.1099	4	0
10/28/2015	13:00:00	8.89174	9.37827	1.98255	3.30425	43.4973	4	0
10/28/2015	14:00:00	8.7167	9.55762	6.53813	12.0901	43.7015	4	0
10/28/2015	15:00:01	8.6239	9.2604	6.89278	9.36934	43.4973	4	0
10/28/2015	16:00:01	8.22473	7.7772	-0.351123	-8.75217	44.1099	4	0

10/28/2015	17:00:00	8.02456	3.9099	4.18721	3.76079	44.3141	4	0
10/28/2015	18:00:01	7.57479	2.42762	-0.669364	-0.829332	44.5183	4	0
10/28/2015	19:00:01	7.22333	1.88764	0.699831	0.957978	44.1099	4	0
10/28/2015	20:00:00	7.22333	1.88764	0.699831	6.16318	44.5183	4	0
10/28/2015	21:00:00	6.95971	2.99319	4.5583	7.56805	44.5183	4	0
10/28/2015	22:00:01	6.70369	3.25347	3.26509	4.62494	44.3141	4	0
10/28/2015	23:00:00	6.70369	3.25347	3.26509	7.92144	44.3141	4	0
10/29/2015	0:00:00	6.5877	3.8562	4.66924	7.07998	44.5183	4	0
10/29/2015	1:00:01	6.71378	4.23753	6.57407	9.87506	43.7015	4	0
10/29/2015	2:00:01	6.81996	4.28636	7.06463	6.2214	43.9057	4	0
10/29/2015	3:00:00	6.68068	4.30436	7.00264	7.88109	44.9267	4	0
10/29/2015	4:00:00	6.30332	4.91996	7.12272	7.41609	44.9267	4	0
10/29/2015	5:00:01	4.51571	5.14089	6.83103	6.16184	44.9267	4	0
10/29/2015	6:00:00	4.19494	5.95452	9.13622	19.5637	44.9267	4	0
10/29/2015	7:00:00	4.46713	7.03695	13.568	14.569	44.3141	4	0
10/29/2015	8:00:01	5.08047	7.44356	14.3884	18.8768	44.5183	4	0
10/29/2015	9:00:01	5.57309	8.15298	13.0392	12.3776	44.5183	4	0
10/29/2015	10:00:00	6.08952	8.92506	12.3321	15.9951	44.1099	4	0
10/29/2015	11:00:01	6.46717	9.32866	9.92283	9.26639	44.9267	4	0
10/29/2015	12:00:01	6.74612	9.63176	8.19715	12.1982	44.5183	4	0
10/29/2015	13:00:01	7.02719	9.81177	8.70735	4.0491	44.1099	4	0
10/29/2015	14:00:00	7.1521	10.0045	9.18749	9.58775	44.1099	4	0
10/29/2015	15:00:01	7.30187	10.2854	10.4997	12.7162	44.3141	4	0
10/29/2015	16:00:01	7.77401	10.6107	11.3392	10.4851	44.5183	4	0
10/29/2015	17:00:00	7.94667	10.7321	8.35177	5.89946	44.7225	4	0
10/29/2015	18:00:01	8.20525	10.4305	5.62523	4.01656	44.5183	4	0
10/29/2015	19:00:01	8.47854	9.9035	7.33193	6.64074	44.1099	4	0
10/29/2015	20:00:00	8.47854	9.9035	7.33193	6.43044	44.3141	4	0
10/29/2015	21:00:00	8.38652	8.63657	5.8647	2.2833	45.1309	4	0
10/29/2015	22:00:01	8.3998	7.9442	4.27899	5.09538	44.7225	4	0
10/29/2015	23:00:01	8.34948	7.46296	4.25257	4.03739	44.9267	4	0
10/30/2015	0:00:00	8.23903	6.98481	2.60777	7.33841	45.3352	4	0
10/30/2015	1:00:00	8.25006	6.8433	6.9455	3.81108	45.3352	4	0
10/30/2015	2:00:01	8.12402	6.45121	4.49463	1.76246	45.1309	4	0
10/30/2015	3:00:00	8.23587	6.38287	9.40436	12.0159	44.9267	4	0
10/30/2015	4:00:00	8.24591	6.10417	7.97547	10.1312	45.7436	4	0

10/30/2015	5:00:01	9.82533	9.14257	44.6559	39.9427	45.3352	4	0
10/30/2015	6:00:01	10.0642	9.89383	14.4178	11.8152	45.1309	4	0
10/30/2015	7:00:00	9.78577	9.85556	6.8634	10.4843	45.1309	4	0
10/30/2015	8:00:01	9.87379	10.6261	15.5395	18.8187	45.1309	4	0
10/30/2015	9:00:01	9.99891	11.4289	14.9358	6.80029	45.7436	4	0
10/30/2015	10:00:00	10.2001	12.4318	15.1415	27.4615	44.9267	4	0
10/30/2015	11:00:00	10.5898	13.6286	17.3687	35.9353	44.5183	4	0
10/30/2015	12:00:01	11.0147	14.9294	17.6753	4.53944	44.5183	4	0
10/30/2015	13:00:01	11.6521	16.3283	23.2892	50.4156	44.3141	4	0
10/30/2015	14:00:00	12.5686	18.5504	31.1629	49.4263	43.9057	4	0
10/30/2015	15:00:01	13.7092	20.9236	38.8845	45.0892	44.9267	4	0
10/30/2015	16:00:01	14.3972	22.575	28.3346	38.0575	44.1099	4	0
10/30/2015	17:00:00	14.7438	20.1558	18.3218	16.9554	44.9267	4	0
10/30/2015	18:00:00	15.5788	21.0825	26.3143	18.5371	44.7225	4	0
10/30/2015	19:00:01	16.0288	22.0107	18.0515	18.6284	45.1309	4	0
10/30/2015	20:00:00	17.3227	23.8448	37.929	30.8649	44.5183	4	0
10/30/2015	21:00:00	19.5113	27.428	57.5179	57.9482	45.1309	4	0
10/30/2015	22:00:01	21.3604	30.2317	49.3969	60.0802	45.1309	4	0
10/30/2015	23:00:01	21.8173	30.0185	13.5131	18.6826	45.1309	4	0
10/31/2015	0:00:00	22.5602	30.2949	21.9684	39.0516	44.9267	4	0
10/31/2015	1:00:00	23.1147	30.0814	20.7273	11.9456	45.3352	4	0
10/31/2015	2:00:01	23.4719	28.6002	12.8233	24.0194	44.9267	4	0
10/31/2015	3:00:00	23.8357	26.9025	18.0588	19.2348	45.3352	4	0
10/31/2015	4:00:00	24.2374	26.0386	17.8198	15.2598	45.7436	4	0
10/31/2015	5:00:01	22.8919	25.6592	13.9434	11.4353	45.3352	4	0
10/31/2015	6:00:01	22.6982	24.3293	10.7008	12.114	44.9267	4	0
10/31/2015	7:00:00	23.0514	24.1062	15.2668	15.0518	45.3352	4	0
10/31/2015	8:00:01	23.0777	22.2888	15.8068	17.9235	45.5394	4	0
10/31/2015	9:00:01	22.8602	18.3443	10.2024	1.99029	45.9478	4	0
10/31/2015	10:00:00	22.436	14.5973	4.1615	3.05385	45.3352	4	0
10/31/2015	11:00:00	22.3489	14.6978	14.4815	15.823	45.5394	4	0
10/31/2015	12:00:01	22.4537	14.4667	18.9306	10.0423	45.1309	4	0
10/31/2015	13:00:01	22.4638	14.5005	20.4608	41.2005	45.1309	4	0
10/31/2015	14:00:00	23.1839	17.384	47.1882	51.2657	44.9267	4	0
10/31/2015	15:00:01	23.0208	18.7509	34.4114	27.798	44.9267	4	0
10/31/2015	16:00:01	22.6492	18.8406	18.8242	16.8424	44.9267	4	0

10/31/2015	17:00:01	22.4686	18.8529	14.3302	11.9845	44.9267	4	0
10/31/2015	18:00:01	21.6667	18.5502	7.01559	5.64683	44.7225	4	0
10/31/2015	19:00:00	21.1638	17.8436	7.55566	7.03987	45.3352	4	0
10/31/2015	20:00:00	19.8335	17.0009	5.40767	4.96275	44.7225	4	0
10/31/2015	21:00:01	17.5168	16.4443	4.32667	10.2898	45.1309	4	0
10/31/2015	22:00:01	15.6274	16.5067	5.09709	7.27245	45.1309	4	0
10/31/2015	23:00:01	15.2876	15.7769	6.25968	6.58882	45.3352	4	0
11/1/2015	0:00:00	14.548	14.6137	5.6959	6.14906	45.9478	4	0
11/1/2015	1:00:00	14.1071	13.7683	10.1796	7.93336	45.3352	4	0
11/1/2015	2:00:01	13.9547	10.678	10.0408	9.18876	45.3352	4	0
11/1/2015	3:00:00	13.4709	8.39657	6.69457	4.89354	45.5394	4	0
11/1/2015	4:00:00	12.9738	7.40643	6.9104	7.99848	45.7436	4	0
11/1/2015	5:00:01	12.6813	6.83692	7.36502	8.62145	45.7436	4	0
11/1/2015	6:00:01	12.4781	6.77241	6.23199	7.79761	45.7436	4	0
11/1/2015	7:00:00	12.4781	6.77241	6.23199	7.94009	45.7436	4	0
11/1/2015	8:00:00	12.0348	7.28042	11.5098	13.5904	45.7436	4	0
11/1/2015	9:00:01	12.2116	8.05974	13.408	15.4356	45.5394	4	0
11/1/2015	10:00:01	12.4858	8.46323	9.62949	7.74119	45.3352	4	0
11/1/2015	11:01:40	0	0	0	0	8.37271	1	0
11/1/2015	12:00:01	0	0	0	0	18.1749	3	0
11/1/2015	13:00:01	0	0	0	-132.992	18.7875	4	0
11/1/2015	14:00:00	0	0	0	-39.5611	19.196	4	0
11/1/2015	15:00:00	0	0	-78.003	-81.1684	18.5833	4	0
11/1/2015	16:00:01	0	0	-58.3936	-51.7992	18.3791	4	0
11/1/2015	17:00:00	0	0	-70.702	-95.3795	19.196	4	0
11/1/2015	18:00:00	0	0	-32.7953	-13.8343	19.4002	4	0
11/1/2015	19:00:01	0	0	-18.1519	51.0942	19.4002	4	0
11/1/2015	20:00:01	0	0	-36.3638	26.1743	19.4002	4	0
11/1/2015	21:00:00	0	0	1.0991	38.6913	19.4002	4	0
11/1/2015	22:00:00	0	0	-3.54212	6.70208	19.196	4	0
11/1/2015	23:00:01	0	0	26.6476	67.7091	20.217	4	0
11/2/2015	0:00:00	0	0	-17.1033	-41.9423	20.217	4	0
11/2/2015	1:00:00	0	0	-28.9452	-0.509892	20.0128	4	0
11/2/2015	2:00:01	0	-23.3531	31.3701	65.8418	20.4212	4	0
11/2/2015	3:00:01	0	-17.2733	-3.61133	-19.7599	20.0128	4	0
11/2/2015	4:00:00	0	-10.1638	27.9823	-6.10554	20.6255	4	0

11/2/2015	5:00:01	0	-3.7518	7.60267	17.6589	21.4423	4	0
11/2/2015	6:00:01	0	2.58579	43.9108	-12.036	21.8507	4	0
11/2/2015	7:00:00	0	4.32657	2.67739	-27.3951	21.4423	4	0
11/2/2015	8:00:00	0	5.28718	-25.4736	-32.3795	21.2381	4	0
11/2/2015	9:00:01	0	2.96402	-27.0857	-69.12	21.0339	4	0
11/2/2015	10:00:01	0	0.03184	-38.8343	-35.6369	21.2381	4	0
11/2/2015	11:00:00	0	-4.11665	-22.1822	-11.9117	20.6255	4	0
11/2/2015	12:00:01	0	-4.19617	-18.412	-10.9459	21.4423	4	0
11/2/2015	13:00:01	0	-2.1598	-5.49311	-11.601	21.0339	4	0
11/2/2015	14:00:00	-16.2377	-7.8295	-35.0198	-35.815	20.8297	4	0
11/2/2015	15:00:00	-13.8328	-9.31571	-21.8286	1.26703	21.8507	4	0
11/2/2015	16:00:01	-12.0182	-13.1789	-17.8781	-21.0419	21.4423	4	0
11/2/2015	17:00:00	-5.93449	-7.82495	70.2126	153.144	21.8507	4	0
11/2/2015	18:00:00	0.866419	-0.842851	126.991	106.102	22.8718	4	0
11/2/2015	19:00:01	4.42229	4.50481	66.3943	85.0209	22.8718	4	0
11/2/2015	20:00:01	8.01528	10.7359	49.1914	126.509	23.6886	4	0
11/2/2015	21:00:00	12.913	22.8619	118.316	120.388	23.6886	4	0
11/2/2015	22:00:00	13.8153	27.5225	21.2314	77.6753	23.6886	4	0
11/2/2015	23:00:01	13.5418	30.9167	21.2094	9.31806	24.7097	4	0
11/3/2015	0:00:00	15.9055	35.6742	40.4646	49.1936	24.3013	4	0
11/3/2015	1:00:00	18.8191	39.514	42.9144	18.4437	24.5055	4	0
11/3/2015	2:00:00	18.1726	43.523	15.974	18.8583	24.3013	4	0
11/3/2015	3:00:00	19.5705	47.725	29.7921	14.2279	25.3223	4	0
11/3/2015	4:00:01	20.1753	52.6825	41.6687	42.5666	25.3223	4	0
11/3/2015	5:00:01	20.3561	48.0885	11.1445	-3.07542	24.5055	4	0
11/3/2015	6:00:00	20.3561	48.0885	11.1445	-3.18672	24.7097	4	0
11/3/2015	7:00:00	18.9562	33.434	16.0986	-7.33576	24.5055	4	0
11/3/2015	8:00:01	20.4109	30.2194	9.408	2.99305	24.7097	4	0
11/3/2015	9:00:01	21.7083	20.9055	3.81398	-1.71453	24.7097	4	0
11/3/2015	10:00:00	21.7083	20.9055	3.81398	13.5941	25.5266	4	0
11/3/2015	11:00:01	26.2745	21.3708	37.0885	86.9108	24.9139	4	0
11/3/2015	12:00:01	28.832	21.5188	42.2063	57.8951	25.1181	4	0
11/3/2015	13:00:00	31.2849	22.2379	51.7512	23.5969	24.9139	4	0
11/3/2015	14:00:00	34.5844	24.25	38.1673	26.063	24.7097	4	0
11/3/2015	15:00:01	38.0562	26.5128	56.0782	78.9348	24.5055	4	0
11/3/2015	16:00:00	41.2884	27.846	58.9031	35.286	24.5055	4	0

11/3/2015	17:00:00	39.0675	28.8808	27.607	19.4184	25.3223	4	0
11/3/2015	18:00:01	34.5009	30.863	21.7871	39.7285	25.935	4	0
11/3/2015	19:00:01	35.0287	36.0275	77.6616	123.83	25.5265	4	0
11/3/2015	20:00:00	37.835	45.0282	118.651	121.161	25.5265	4	0
11/3/2015	21:00:00	35.8283	50.5139	69.7058	72.8158	25.935	4	0
11/3/2015	22:00:01	36.5664	53.0271	40.6572	37.1798	26.5476	4	0
11/3/2015	23:00:00	38.2226	55.0065	60.2973	30.187	26.1392	4	0
11/4/2015	0:00:00	38.8122	56.1373	57.4526	30.9634	26.5476	4	0
11/4/2015	1:00:01	38.2559	54.3593	29.9762	38.0246	26.3434	4	0
11/4/2015	2:00:01	39.5611	55.1962	48.0239	54.1931	26.5476	4	0
11/4/2015	3:00:00	39.8456	53.7506	38.3829	50.9123	26.5476	4	0
11/4/2015	4:00:01	39.1214	51.095	27.0447	21.4428	26.956	4	0
11/4/2015	5:00:01	39.4282	50.3951	19.2574	22.3311	26.7518	4	0
11/4/2015	6:00:00	40.7766	50.9059	26.6177	21.0355	26.7518	4	0
11/4/2015	7:00:00	41.4828	47.2668	33.3851	26.5436	26.5476	4	0
11/4/2015	8:00:01	43.452	41.9907	52.6831	50.6468	26.7518	4	0
11/4/2015	9:00:01	45.3045	40.0984	45.7937	34.8829	27.3645	4	0
11/4/2015	10:00:00	47.3019	41.2556	52.8059	46.436	26.3434	4	0
11/4/2015	11:00:01	48.7659	41.8964	65.576	77.6693	26.5476	4	0
11/4/2015	12:00:00	49.7361	42.147	58.2619	29.8867	26.3434	4	0
11/4/2015	13:00:01	50.3888	44.841	59.129	69.7257	26.3434	4	0
11/4/2015	14:00:01	50.9474	44.7065	44.7831	41.4114	25.3223	4	0
11/4/2015	15:00:00	49.6666	43.5767	26.3238	30.0711	26.1392	4	0
11/4/2015	16:00:00	48.5863	44.2365	37.7261	44.2207	26.5476	4	0
11/4/2015	17:00:01	48.3943	44.8295	29.8121	28.9365	26.7518	4	0
11/4/2015	18:00:01	50.8589	49.4653	84.271	149.136	26.7518	4	0
11/4/2015	19:00:00	52.9389	57.3268	128.248	197.091	26.956	4	0
11/4/2015	20:00:00	53.0713	63.313	127.486	110.706	26.956	4	0
11/4/2015	21:00:01	53.6209	66.5982	88.8335	41.1702	27.5687	4	0
11/4/2015	22:00:00	53.9947	66.4635	53.9126	38.0478	27.3645	4	0
11/4/2015	23:00:00	53.3477	64.9591	50.6292	74.2282	27.5687	4	0
11/5/2015	0:00:01	54.2369	66.8195	80.8194	60.7968	27.5687	4	0
11/5/2015	1:00:01	57.3538	70.788	106.369	91.2702	27.9771	4	0
11/5/2015	2:00:00	56.9867	70.4281	38.7566	48.0861	28.1813	4	0
11/5/2015	3:00:01	58.1914	73.9049	66.9391	110.467	27.9771	4	0
11/5/2015	4:00:01	60.1406	76.9387	71.8964	94.5007	27.9771	4	0

11/5/2015	5:00:00	61.5217	78.9083	53.6232	40.901	28.1813	4	0
11/5/2015	6:00:00	63.7443	78.5935	77.9698	51.6083	28.1813	4	0
11/5/2015	7:00:01	66.0256	75.3318	86.1229	134.532	27.7729	4	0
11/5/2015	8:00:01	66.3325	69.6645	56.1125	42.0677	28.5897	4	0
11/5/2015	9:00:00	66.9068	67.2097	58.4639	93.0455	27.5687	4	0
11/5/2015	10:00:01	68.5465	69.8747	79.8269	69.8296	27.7729	4	0
11/5/2015	11:00:01	70.7133	74.9731	106.85	98.0845	28.1813	4	0
11/5/2015	12:00:00	72.2226	75.9557	94.0002	101.135	27.3645	4	0
11/5/2015	13:00:00	73.1362	73.5003	78.2631	70.6533	27.7729	4	0
11/5/2015	14:00:01	73.5554	74.9678	59.8643	42.4596	27.5687	4	0
11/5/2015	15:00:00	74.9581	74.1715	58.1018	74.4298	28.1813	4	0
11/5/2015	16:00:00	75.6385	72.7247	57.991	49.139	27.9771	4	0
11/5/2015	17:00:01	76.0104	71.7279	46.0996	71.286	28.5897	4	0
11/5/2015	18:00:01	74.8021	69.7507	55.3867	50.9002	28.1813	4	0
11/5/2015	19:00:00	70.7991	65.4112	37.4578	20.6798	28.5897	4	0
11/5/2015	20:00:00	66.7851	63.088	26.2102	32.8786	28.5897	4	0
11/5/2015	21:00:01	64.3089	60.557	27.2935	38.1271	28.1813	4	0
11/5/2015	22:00:00	64.3089	60.557	27.2935	35.9272	28.9982	4	0
11/5/2015	23:00:00	62.2022	49.5267	19.6889	17.3536	28.3855	4	0
11/6/2015	0:00:01	59.3818	42.977	15.33	20.5655	28.3855	4	0
11/6/2015	1:00:01	55.304	37.5496	13.6517	15.3213	28.7939	4	0
11/6/2015	2:00:00	53.328	32.912	8.98118	14.7718	29.815	4	0
11/6/2015	3:00:01	50.4934	28.8885	12.2553	17.9132	29.6108	4	0
11/6/2015	4:00:01	47.6248	24.9394	11.1633	17.4627	29.4066	4	0
11/6/2015	5:00:00	45.7059	22.0902	11.6111	7.60137	30.0192	4	0
11/6/2015	6:00:00	42.6427	18.2231	8.09112	10.3575	29.6108	4	0
11/6/2015	7:00:01	39.4104	15.8924	8.57795	7.67578	29.6108	4	0
11/6/2015	8:00:01	37.5804	14.5585	8.94704	5.86527	29.6108	4	0
11/6/2015	9:00:00	35.4264	12.7167	3.97611	-0.722798	29.6108	4	0
11/6/2015	10:00:01	32.5284	10.3994	4.24589	3.23174	29.2024	4	0
11/6/2015	11:00:01	28.4325	9.31488	6.24644	9.04303	30.0192	4	0
11/6/2015	12:00:00	25.0103	8.67179	6.9907	9.43336	29.815	4	0
11/6/2015	13:00:00	22.1143	8.08048	6.25239	5.1213	30.0192	4	0
11/6/2015	14:00:01	20.0832	8.0351	8.21745	5.76884	30.0192	4	0
11/6/2015	15:00:00	18.0942	7.71445	8.3207	19.3541	29.4066	4	0
11/6/2015	16:00:00	16.0789	7.44699	7.99864	4.78963	29.6108	4	0

11/6/2015	17:00:00	14.5614	7.20538	8.8058	9.34857	30.2234	4	0
11/6/2015	18:00:01	12.6318	7.1582	7.68784	2.9362	30.2234	4	0
11/6/2015	19:00:00	11.5023	7.23324	9.63418	21.9288	29.6108	4	0
11/6/2015	20:00:00	10.6567	6.93796	5.54399	7.82959	30.0192	4	0
11/6/2015	21:00:01	9.96251	7.38666	9.39737	9.4616	30.6319	4	0
11/6/2015	22:00:02	9.01488	7.76998	8.61592	10.0351	30.2234	4	0
11/6/2015	23:00:00	8.9679	8.74066	18.0195	46.5203	30.8361	4	0
11/7/2015	0:00:01	9.52598	10.5062	28.2083	29.1581	30.6319	4	0
11/7/2015	1:00:01	9.71312	11.4467	17.428	10.505	30.2234	4	0
11/7/2015	2:00:00	9.79839	11.6829	11.2557	8.50186	30.4277	4	0
11/7/2015	3:00:01	9.71017	11.8201	9.96202	10.1753	30.6319	4	0
11/7/2015	4:00:01	9.72994	12.1231	11.8126	9.07654	30.4276	4	0
11/7/2015	5:00:01	9.9586	12.8224	17.5666	12.4625	31.6529	4	0
11/7/2015	6:00:01	10.1315	13.1975	12.0762	11.1696	31.4487	4	0
11/7/2015	7:00:00	10.4286	13.6996	15.4978	23.5626	31.2445	4	0
11/7/2015	8:00:01	10.5605	14.2089	10.7618	11.6899	30.8361	4	0
11/7/2015	9:00:00	10.7895	14.1801	7.9588	0.133764	30.4277	4	0
11/7/2015	10:00:00	10.7479	13.6993	1.98115	3.92821	30.2234	4	0
11/7/2015	11:00:01	10.7081	12.5966	4.36837	16.1515	30.4277	4	0
11/7/2015	12:00:01	10.8175	10.9786	8.78722	11.0077	30.4277	4	0
11/7/2015	13:00:00	10.9692	10.3353	10.0666	9.13955	30.6319	4	0
11/7/2015	14:00:00	11.07	10.2509	10.276	20.5137	30.4277	4	0
11/7/2015	15:00:01	11.033	10.0611	8.17045	8.41665	30.4276	4	0
11/7/2015	16:00:00	11.2581	10.2025	13.9401	17.3875	30.2234	4	0
11/7/2015	17:00:00	11.4569	9.923	15.1904	18.3202	31.2445	4	0
11/7/2015	18:00:01	11.7229	10.1472	15.441	16.317	31.0403	4	0
11/7/2015	19:00:01	12.2237	10.692	22.4691	26.0912	31.2445	4	0
11/7/2015	20:00:00	12.5043	10.9241	14.3378	14.7423	31.0403	4	0
11/7/2015	21:00:00	12.5707	11.2014	11.4022	10.9513	31.2445	4	0
11/7/2015	22:00:01	12.7312	12.0915	12.9692	14.1117	31.2445	4	0
11/7/2015	23:00:00	12.427	12.621	10.9521	13.2403	31.6529	4	0
11/8/2015	0:00:00	12.1494	13.6664	21.2359	24.1027	31.8571	4	0
11/8/2015	1:00:01	12.0464	14.0781	14.8594	15.076	32.0614	4	0
11/8/2015	2:00:01	12.0491	14.1936	11.6353	-4.51258	32.0614	4	0
11/8/2015	3:00:00	12.3347	14.9194	16.657	16.5048	31.6529	4	0
11/8/2015	4:00:01	12.3376	14.7756	11.8713	22.2473	32.0613	4	0

11/8/2015	5:00:01	12.0439	14.4176	10.8273	28.9358	32.4698	4	0
11/8/2015	6:00:01	12.1424	14.3444	14.0959	23.7773	32.2656	4	0
11/8/2015	7:00:00	12.265	14.0101	17.6917	29.3763	32.0613	4	0
11/8/2015	8:00:01	12.7772	14.6635	20.95	15.6748	31.8571	4	0
11/8/2015	9:00:01	12.9976	14.7192	10.6153	8.59472	31.6529	4	0
11/8/2015	10:00:00	13.6089	14.8811	13.0884	17.0379	31.8571	4	0
11/8/2015	11:00:01	14.6839	16.3691	27.7898	30.1803	31.4487	4	0
11/8/2015	12:00:01	15.1657	16.1827	19.1196	31.1383	31.2445	4	0
11/8/2015	13:00:00	15.2882	16.0074	13.6174	13.7537	31.0403	4	0
11/8/2015	14:00:00	15.4529	16.16	13.5178	15.2524	31.4487	4	0
11/8/2015	15:00:00	15.6122	15.7103	11.8648	13.5711	31.6529	4	0
11/8/2015	16:00:01	15.4609	15.5522	10.4665	4.52184	31.2445	4	0
11/8/2015	17:00:01	15.4201	16.0146	19.1628	25.7908	31.8571	4	0
11/8/2015	18:00:00	16.3135	17.9808	39.2409	31.502	31.8571	4	0
11/8/2015	19:00:00	16.1749	18.141	20.9446	18.0697	32.2656	4	0
11/8/2015	20:00:01	16.5531	18.3739	24.4128	20.3654	32.2656	4	0
11/8/2015	21:00:00	17.2396	19.8576	28.9764	33.2422	31.8571	4	0
11/8/2015	22:00:00	18.0207	21.4564	32.4475	32.2905	32.8782	4	0
11/8/2015	23:00:01	18.341	20.7716	18.8071	14.2319	32.2656	4	0
11/9/2015	0:00:01	17.9877	20.335	13.7961	16.1047	33.0824	4	0
11/9/2015	1:00:00	17.9461	20.4082	14.3146	13.9568	32.4698	4	0
11/9/2015	2:00:01	17.894	20.2046	10.8939	10.8427	33.2866	4	0
11/9/2015	3:00:01	17.6404	20.1118	10.0093	12.8111	33.2866	4	0
11/9/2015	4:00:00	17.4797	19.9845	9.38475	11.2625	33.4908	4	0
11/9/2015	5:00:00	17.5262	19.4516	12.6643	9.79289	33.4908	4	0
11/9/2015	6:00:01	17.4137	17.2033	11.3688	15.6053	33.0824	4	0
11/9/2015	7:00:01	17.3356	16.7897	15.528	21.523	33.8993	4	0
11/9/2015	8:00:00	17.5761	16.7769	21.8813	18.9649	32.4698	4	0
11/9/2015	9:00:01	18.0038	15.8533	16.0202	12.8189	32.4698	4	0
11/9/2015	10:00:00	17.9483	13.8269	7.06943	5.55666	33.0824	4	0
11/9/2015	11:00:00	17.1199	12.6085	3.09655	18.2611	31.8571	4	0
11/9/2015	12:00:01	16.8084	12.3629	11.227	9.96381	32.0613	4	0
11/9/2015	13:00:00	17.0192	12.6666	18.4684	13.0364	32.2656	4	0
11/9/2015	14:00:00	17.2855	13.3511	19.3258	27.3957	32.2656	4	0
11/9/2015	15:00:01	18.1857	15.2175	32.3938	51.2701	31.6529	4	0
11/9/2015	16:00:01	18.9547	16.9491	31.5673	48.1781	32.674	4	0

11/9/2015	17:00:00	18.9895	17.8306	26.373	24.2229	33.0824	4	0
11/9/2015	18:00:00	18.8717	20.0885	40.5092	33.6124	33.2866	4	0
11/9/2015	19:00:01	18.8652	20.5919	23.0024	31.8946	32.4698	4	0
11/9/2015	20:00:00	18.7844	20.6846	23.7591	12.1558	33.2866	4	0
11/9/2015	21:00:00	18.2533	20.7762	17.7104	20.2161	33.8993	4	0
11/9/2015	22:00:01	17.7519	21.957	21.872	15.6595	33.695	4	0
11/9/2015	23:00:01	17.6263	23.0493	16.8169	16.401	33.695	4	0
11/10/2015	0:00:00	17.9674	23.9934	22.4944	22.8401	33.695	4	0
11/10/2015	1:00:01	18.0021	23.7898	15.5037	15.1041	33.4908	4	0
11/10/2015	2:00:01	18.3875	23.9138	19.6543	18.2245	33.8993	4	0
11/10/2015	3:00:00	18.7382	22.9079	19.4012	17.5215	34.1035	4	0
11/10/2015	4:00:00	19.0496	21.7992	16.9763	12.8248	34.5119	4	0
11/10/2015	5:00:01	19.3503	21.3077	19.488	18.8294	34.3077	4	0
11/10/2015	6:00:01	19.6337	19.5784	19.7024	32.1115	34.5119	4	0
11/10/2015	7:00:00	20.1803	20.0982	29.0081	81.9098	34.3077	4	0
11/10/2015	8:00:01	21.2356	21.7427	39.7225	46.8895	33.4908	4	0
11/10/2015	9:00:01	22.16	23.1987	32.4406	22.5722	33.2866	4	0
11/10/2015	10:00:00	23.011	23.3358	20.5683	6.79317	33.4908	4	0
11/10/2015	11:00:00	23.7335	23.5017	18.4075	16.9491	33.2866	4	0
11/10/2015	12:00:01	23.9425	22.8383	14.7736	13.5242	33.0824	4	0
11/10/2015	13:00:00	23.9425	22.8383	14.7736	39.6227	33.695	4	0
11/10/2015	14:00:00	25.1779	25.3106	24.4747	20.2038	33.0824	4	0
11/10/2015	15:00:01	25.4266	26.8404	38.9968	21.7112	33.0824	4	0
11/10/2015	16:00:01	24.9974	27.1522	21.5438	27.5338	33.0824	4	0
11/10/2015	17:00:00	26.9445	31.8982	81.6787	85.4126	34.5119	4	0
11/10/2015	18:00:00	27.5786	35.087	62.3033	48.9376	34.5119	4	0
11/10/2015	19:00:01	28.883	37.2278	57.1117	50.9385	34.7161	4	0
11/10/2015	20:00:00	29.8661	37.8814	48.2739	53.4627	34.5119	4	0
11/10/2015	21:00:00	30.3189	37.6028	29.0716	28.0567	35.3287	4	0
11/10/2015	22:00:01	30.5423	38.1835	26.5084	19.191	34.7161	4	0
11/10/2015	23:00:01	30.5687	38.2001	19.0601	20.0846	35.1245	4	0
11/11/2015	0:00:00	30.1617	38.1048	13.6169	13.225	34.7161	4	0
11/11/2015	1:00:01	30.054	35.8946	12.8009	14.3194	34.9203	4	0
11/11/2015	2:00:01	29.8807	35.2188	15.3681	16.5675	34.9203	4	0
11/11/2015	3:00:00	29.4925	32.8789	8.833	10.942	34.5119	4	0
11/11/2015	4:00:00	29.2939	32.1864	12.8271	14.3878	34.7161	4	0

11/11/2015	5:00:01	29.1342	26.8333	16.4107	14.6309	34.9203	4	0
11/11/2015	6:00:01	29.0285	23.0842	16.6849	23.285	35.533	4	0
11/11/2015	7:00:00	28.8274	20.1754	21.0698	23.0173	35.3287	4	0
11/11/2015	8:00:01	28.5625	18.5869	27.9683	27.2512	34.7161	4	0
11/11/2015	9:00:01	29.3056	19.7449	40.7695	62.3297	33.8993	4	0
11/11/2015	10:00:00	32.3527	25.1099	90.8123	116.621	33.8993	4	0
11/11/2015	11:00:00	35.4212	30.9176	87.8345	85.8294	34.1035	4	0
11/11/2015	12:00:01	38.5251	37.0211	85.8669	74.9032	33.695	4	0
11/11/2015	13:00:00	39.9402	41.9586	69.7976	57.716	33.695	4	0
11/11/2015	14:00:00	42.3837	47.4854	81.1119	66.8263	33.695	4	0
11/11/2015	15:00:01	43.4948	52.2931	67.1437	97.8845	33.2866	4	0
11/11/2015	16:00:01	45.2746	56.5773	64.9293	49.0625	34.3077	4	0
11/11/2015	17:00:00	43.7761	59.2128	48.0817	64.812	33.8993	4	0
11/11/2015	18:00:00	44.4264	64.4887	79.5411	124.22	33.4908	4	0
11/11/2015	19:00:01	45.6749	70.2192	91.8157	99.7688	34.5119	4	0
11/11/2015	20:00:00	46.118	73.0572	68.3783	42.5423	34.5119	4	0
11/11/2015	21:00:00	45.7672	71.5883	30.8251	36.0641	34.1035	4	0
11/11/2015	22:00:01	46.9716	68.5987	52.8364	61.9457	34.3077	4	0
11/11/2015	23:00:01	49.1337	67.062	65.4472	89.7013	34.3077	4	0
11/12/2015	0:00:00	51.2379	65.2028	62.7772	13.5728	34.5119	4	0
11/12/2015	1:00:01	51.7823	61.7366	30.7829	32.4815	34.5119	4	0
11/12/2015	2:00:01	51.2309	55.8717	18.9906	15.0202	35.1245	4	0
11/12/2015	3:00:00	51.3005	51.4085	13.8933	13.6478	34.5119	4	0
11/12/2015	4:00:00	51.0657	46.9626	12.3906	8.40428	35.1245	4	0
11/12/2015	5:00:01	50.6123	43.6266	7.41932	6.25544	35.1245	4	0
11/12/2015	6:00:01	49.9378	37.4069	3.50663	6.08979	35.1245	4	0
11/12/2015	7:00:00	49.2828	30.4425	5.30694	5.2383	35.1245	4	0
11/12/2015	8:00:01	48.3743	25.4155	6.43298	9.80268	35.3288	4	0
11/12/2015	9:00:01	47.0118	23.4894	7.07089	7.47512	35.1245	4	0
11/12/2015	10:00:00	43.5581	19.9253	9.61839	10.9342	35.3287	4	0
11/12/2015	11:00:00	0 TTb Cal	0	0	0	7.35165	1	0
11/12/2015	12:00:00	0	0	0	0	20.0128	3	0
11/12/2015	13:00:01	0	0	0	6.2691	20.6255	4	0
11/12/2015	14:00:00	0	0	0	10.5958	20.6255	4	0
11/12/2015	15:00:00	0	0	6.64918	11.3944	20.6255	4	0
11/12/2015	16:00:01	0	0	11.0652	7.3693	21.2381	4	0

11/12/2015	17:00:01	0	0	9.33086	8.76261	20.8297	4	0
11/12/2015	18:00:00	0	0	8.33943	6.82848	21.6465	4	0
11/12/2015	19:00:01	0	0	12.4674	12.8197	20.6255	4	0
11/12/2015	20:00:01	0	0	7.52202	5.41492	21.0339	4	0
11/12/2015	21:00:01	0	0	5.62555	6.95229	21.0339	4	0
11/12/2015	22:00:00	0	0	8.11293	13.0003	21.0339	4	0
11/12/2015	23:00:00	0	0	8.87442	8.91282	21.8507	4	0
11/13/2015	0:00:01	0	0	7.35736	8.94378	21.0339	4	0
11/13/2015	1:00:01	0	0	5.85353	5.46546	21.2381	4	0
11/13/2015	2:00:00	0	8.02525	6.04724	6.163	21.6465	4	0
11/13/2015	3:00:01	0	7.89717	4.96092	4.48512	21.4423	4	0
11/13/2015	4:00:01	0	7.48374	6.04424	7.25817	21.4423	4	0
11/13/2015	5:00:00	0	7.28043	6.86084	5.60937	21.4423	4	0
11/13/2015	6:00:00	0	7.21933	7.45546	4.97589	21.8507	4	0
11/13/2015	7:00:01	0	6.8081	7.43995	6.93537	22.0549	4	0
11/13/2015	8:00:00	0	6.86483	8.05608	8.18816	22.0549	4	0
11/13/2015	9:00:00	0	7.37249	11.4865	15.919	21.4423	4	0
11/13/2015	10:00:01	0	7.73568	12.2	9.98743	21.8507	4	0
11/13/2015	11:00:01	0	8.03791	12.1305	9.9307	21.8507	4	0
11/13/2015	12:00:00	0	8.80999	16.5461	23.2956	21.8507	4	0
11/13/2015	13:00:01	0	9.79155	17.4907	18.5623	21.2381	4	0
11/13/2015	14:00:00	9.34123	10.5842	15.5636	15.5324	21.6465	4	0
11/13/2015	15:00:00	9.82231	11.6824	18.2104	30.3924	21.4423	4	0
11/13/2015	16:00:01	10.1351	12.7293	19.0282	10.477	22.2591	4	0
11/13/2015	17:00:01	10.0617	12.8004	8.3974	5.78591	22.4634	4	0
11/13/2015	18:00:00	9.97059	12.6976	6.7098	7.52173	21.6465	4	0
11/13/2015	19:00:01	9.87002	12.9212	10.7231	12.3523	21.8507	4	0
11/13/2015	20:00:01	9.8622	12.8895	8.73067	7.98381	21.8507	4	0
11/13/2015	21:00:00	10.0234	12.7212	9.23662	9.38192	22.2592	4	0
11/13/2015	22:00:00	9.98848	12.3102	7.07005	8.77489	22.6676	4	0
11/13/2015	23:00:01	9.90375	11.8948	7.32977	9.62852	22.8718	4	0
11/14/2015	0:00:01	9.87564	11.1306	7.58596	6.43462	23.076	4	0
11/14/2015	1:00:00	9.92056	10.3276	7.87015	5.10541	22.6676	4	0
11/14/2015	2:00:01	9.99637	9.75265	8.45778	9.00618	23.6886	4	0
11/14/2015	3:00:01	10.2336	9.15292	10.1562	8.6266	23.8928	4	0
11/14/2015	4:00:00	10.4532	8.56883	11.4813	13.2858	22.8718	4	0

11/14/2015	5:00:00	10.8611	9.27935	16.8343	16.6871	23.6886	4	0
11/14/2015	6:00:01	11.2972	10.2092	17.7116	25.2399	24.0971	4	0
11/14/2015	7:00:00	11.893	11.1303	21.5211	31.9694	24.0971	4	0
11/14/2015	8:00:01	13.6475	14.4385	46.9809	71.0543	23.4844	4	0
11/14/2015	9:00:01	16.1139	19.4066	66.8782	78.0019	23.2802	4	0
11/14/2015	10:00:00	18.3359	24.1912	62.887	61.1269	23.076	4	0
11/14/2015	11:00:00	20.2839	28.3845	55.2117	61.3092	23.076	4	0
11/14/2015	12:00:01	22.0274	32.5404	55.2018	69.1941	23.6886	4	0
11/14/2015	13:00:00	23.5431	36.3033	50.5161	53.4324	23.4844	4	0
11/14/2015	14:00:00	24.6771	39.1029	39.7223	41.2803	23.2802	4	0
11/14/2015	15:00:01	25.3538	41.0984	33.3675	39.9989	23.4844	4	0
11/14/2015	16:00:01	25.7888	42.6232	33.1208	32.5983	23.2802	4	0
11/14/2015	17:00:00	27.2205	44.7504	45.6959	61.2411	24.3013	4	0
11/14/2015	18:00:01	28.9836	47.3208	51.4774	51.1797	23.8928	4	0
11/14/2015	19:00:01	30.3183	49.009	42.3597	34.6134	24.0971	4	0
11/14/2015	20:00:00	30.9528	46.9553	24.8899	30.4993	24.5055	4	0
11/14/2015	21:00:00	31.5682	43.3175	27.0374	21.2804	25.7308	4	0
11/14/2015	22:00:01	32.5851	40.7257	34.6644	32.2096	25.1181	4	0
11/14/2015	23:00:00	33.9055	39.4647	41.4934	55.0982	25.3223	4	0
11/15/2015	0:00:01	34.2912	36.7673	28.1814	17.4531	26.1392	4	0
11/15/2015	1:00:01	34.6807	34.2722	20.6151	16.3491	25.935	4	0
11/15/2015	2:00:00	34.9775	32.4329	16.3482	21.7771	26.5476	4	0
11/15/2015	3:00:00	35.0809	30.9333	14.8125	20.0019	26.7518	4	0
11/15/2015	4:00:01	36.0627	31.0007	30.8637	19.885	25.7308	4	0
11/15/2015	5:00:00	37.506	31.6909	52.9887	49.905	26.1392	4	0
11/15/2015	6:00:00	38.182	30.4567	35.6828	17.9589	26.956	4	0
11/15/2015	7:00:01	38.2743	29.1532	26.0786	37.4932	27.5687	4	0
11/15/2015	8:00:01	37.9952	30.1685	33.8239	40.2406	26.956	4	0
11/15/2015	9:00:00	37.2268	31.5408	39.3799	34.118	26.3434	4	0
11/15/2015	10:00:00	36.0586	31.0869	24.7684	26.0269	26.956	4	0
11/15/2015	11:00:01	34.7997	29.4359	19.8339	17.5039	27.1602	4	0
11/15/2015	12:00:00	33.4839	28.8573	20.7276	22.8843	26.7518	4	0
11/15/2015	13:00:00	32.2748	28.8028	19.9577	16.1181	26.7518	4	0
11/15/2015	14:00:01	31.4884	29.1138	20.5578	20.7668	27.1602	4	0
11/15/2015	15:00:01	31.0338	29.6346	21.0004	16.1308	26.7518	4	0
11/15/2015	16:00:00	30.8779	29.478	30.8832	27.0163	27.1602	4	0

11/15/2015	17:00:01	29.8979	27.0827	29.5011	27.5871	27.5687	4	0
11/15/2015	18:00:01	28.562	26.1589	30.4404	38.9222	28.1813	4	0
11/15/2015	19:00:00	28.8983	27.8184	43.7988	58.119	28.1813	4	0
11/15/2015	20:00:00	29.4742	28.1211	37.7805	49.0385	27.7729	4	0
11/15/2015	21:00:01	29.8303	27.9066	38.4843	35.0695	27.9771	4	0
11/15/2015	22:00:01	30.1718	29.3145	40.3795	38.8375	28.3855	4	0
11/15/2015	23:00:00	29.9188	30.6939	36.6456	52.6693	28.1813	4	0
11/16/2015	0:00:01	30.8813	33.34	52.5429	54.6575	27.9771	4	0
11/16/2015	1:00:01	32.144	36.1174	54.7469	80.2066	28.1813	4	0
11/16/2015	2:00:00	33.6183	38.797	52.578	65.3531	28.3855	4	0
11/16/2015	3:00:00	34.8525	40.7746	43.5761	50.3065	28.9982	4	0
11/16/2015	4:00:01	35.2959	41.7154	40.7012	39.0023	28.9982	4	0
11/16/2015	5:00:00	35.1256	43.4033	48.4812	51.8515	28.9982	4	0
11/16/2015	6:00:00	35.5836	44.784	46.7181	54.9898	28.7939	4	0
11/16/2015	7:00:01	35.6488	43.49	28.0595	29.192	28.9982	4	0
11/16/2015	8:00:00	35.9631	43.8022	40.5691	50.9046	28.7939	4	0
11/16/2015	9:00:01	36.3611	44.6579	48.2351	41.594	28.7939	4	0
11/16/2015	10:00:01	37.5205	45.6591	52.2998	55.2017	29.6108	4	0
11/16/2015	11:00:00	38.7631	46.6995	48.8724	47.659	29.4066	4	0
11/16/2015	12:00:00	39.7104	45.8941	43.0438	42.6604	28.9982	4	0
11/16/2015	13:00:01	40.9693	45.4738	50.6902	59.2253	30.0192	4	0
11/16/2015	14:00:01	42.1279	45.3053	54.3039	46.9108	30.2234	4	0
11/16/2015	15:00:00	42.6446	44.4943	34.9624	29.0649	30.0192	4	0
11/16/2015	16:00:01	42.3536	43.1099	24.8426	21.323	30.2234	4	0
11/16/2015	17:00:01	42.1854	41.1221	23.7752	19.5324	30.0192	4	0
11/16/2015	18:00:00	41.7491	38.9011	19.6419	22.5046	29.815	4	0
11/16/2015	19:00:00	40.7813	38.2628	20.2123	19.4147	30.2234	4	0
11/16/2015	20:00:01	39.7745	36.1414	16.03	17.8952	30.2234	4	0
11/16/2015	21:00:01	38.9334	33.6619	17.8699	17.5845	30.8361	4	0
11/16/2015	22:00:00	37.9273	30.6234	14.8908	15.0752	30.2234	4	0
11/16/2015	23:00:01	36.9394	27.5595	10.9889	13.4659	30.0192	4	0
11/17/2015	0:00:00	35.4485	25.2448	14.053	18.093	30.2234	4	0
11/17/2015	1:00:01	33.8975	22.5544	18.3337	15.9892	29.815	4	0
11/17/2015	2:00:01	32.2426	19.0548	12.1091	10.4624	30.4277	4	0
11/17/2015	3:00:00	30.7742	16.9169	9.76182	8.53567	30.8361	4	0
11/17/2015	4:00:00	29.5846	15.8809	12.6093	8.71892	30.2234	4	0

11/17/2015	5:00:01	27.9842	14.7387	10.1608	10.0427	30.4276	4	0
11/17/2015	6:00:01	26.4141	13.7484	7.46815	7.17709	30.2234	4	0
11/17/2015	7:00:00	25.5303	12.6209	6.74332	7.38866	30.4277	4	0
11/17/2015	8:00:00	24.2686	11.9453	7.467	9.31771	30.4277	4	0
11/17/2015	9:00:01	22.5797	11.0567	7.30518	8.6295	30.6319	4	0
11/17/2015	10:00:00	20.8445	10.5852	9.03298	11.8971	30.8361	4	0
11/17/2015	11:00:00	19.1665	10.4206	9.20199	15.6339	30.2234	4	0
11/17/2015	12:00:01	17.752	9.95449	8.37167	8.50404	29.815	4	0
11/17/2015	13:00:01	16.0438	9.13192	8.27537	9.63876	30.2234	4	0
11/17/2015	14:00:00	14.5562	9.68814	18.7038	22.1344	29.815	4	0
11/17/2015	15:00:01	13.835	10.389	18.2483	21.4479	30.6319	4	0
11/17/2015	16:00:01	13.7528	11.2891	23.7227	23.3559	29.815	4	0
11/17/2015	17:00:00	13.8608	12.6459	26.4131	39.7688	30.0192	4	0
11/17/2015	18:00:00	14.0143	14.0075	23.9916	26.8862	30.0192	4	0
11/17/2015	19:00:01	14.2599	15.6295	25.9475	27.5284	30.0192	4	0
11/17/2015	20:00:01	14.465	16.7931	21.6681	20.293	30.2234	4	0
11/17/2015	21:00:00	14.8204	18.4003	26.2886	30.302	30.2234	4	0
11/17/2015	22:00:01	15.7852	20.8431	38.4182	48.2124	30.0192	4	0
11/17/2015	23:00:01	17.2251	23.8785	45.5847	57.1537	30.6319	4	0
11/18/2015	0:00:00	18.0583	26.0478	34.7829	35.2388	30.8361	4	0
11/18/2015	1:00:00	18.6036	27.9898	30.6807	23.1859	30.6319	4	0
11/18/2015	2:00:01	19.0421	28.3285	22.8841	27.2535	30.2234	4	0
11/18/2015	3:00:00	19.4063	28.3672	19.1879	18.4824	30.2234	4	0
11/18/2015	4:00:00	19.4657	27.5538	13.476	5.68643	30.4277	4	0
11/18/2015	5:00:01	19.6103	26.4593	12.4873	22.8439	30.4277	4	0
11/18/2015	6:00:01	20.4894	26.8249	28.4601	20.9166	30.4276	4	0
11/18/2015	7:00:00	21.4496	27.0976	28.6509	38.3277	30.4276	4	0
11/18/2015	8:00:00	22.9025	28.803	42.2548	47.8601	30.0192	4	0
11/18/2015	9:00:01	23.4528	28.4101	23.7067	19.855	30.8361	4	0
11/18/2015	10:00:00	24.7107	28.4748	39.445	52.0589	30.6319	4	0
11/18/2015	11:00:00	25.8895	27.8119	38.0466	32.219	30.8361	4	0
11/18/2015	12:00:01	26.8347	27.5589	32.6288	29.8425	30.4277	4	0
11/18/2015	13:00:01	27.7441	27.503	29.8257	28.5852	30.8361	4	0
11/18/2015	14:00:00	27.7441	27.503	29.8257	10.8895	30.8361	4	0
11/18/2015	15:00:01	27.823	27.2867	19.6347	27.4852	31.0403	4	0
11/18/2015	16:00:01	27.4602	27.5018	16.8395	16.4883	30.8361	4	0

11/18/2015	17:00:00	26.6201	27.2393	12.2469	11.7949	31.6529	4	0
11/18/2015	18:00:00	25.842	25.4713	8.21541	7.47908	30.8361	4	0
11/18/2015	19:00:01	24.9381	23.5718	6.1819	7.77388	31.4487	4	0
11/18/2015	20:00:01	24.4389	20.8132	6.79449	8.78493	31.0403	4	0
11/18/2015	21:00:00	23.6623	19.5297	8.21307	19.0715	31.2445	4	0
11/18/2015	22:00:01	22.4932	17.1671	10.4947	12.2476	30.4277	4	0
11/18/2015	23:00:01	20.981	14.8562	9.92609	8.20709	31.0403	4	0
11/19/2015	0:00:00	19.7713	12.6358	5.29814	8.262	31.4487	4	0
11/19/2015	1:00:00	19.1277	11.5051	15.8591	24.6972	30.8361	4	0
11/19/2015	2:00:01	19.0071	11.5458	20.3595	20.3842	31.4487	4	0
11/19/2015	3:00:00	18.7874	11.0958	13.7948	7.35947	31.6529	4	0
11/19/2015	4:00:00	18.6326	10.4151	7.9162	8.12443	31.0403	4	0
11/19/2015	5:00:00	18.3851	10.099	8.88725	12.743	31.8571	4	0
11/19/2015	6:00:01	17.8448	10.7282	16.0589	15.8045	32.0613	4	0
11/19/2015	7:00:00	17.8448	10.7282	16.0589	20.6799	31.6529	4	0
11/19/2015	8:00:00	16.4875	12.7486	20.0815	23.2454	32.2656	4	0
11/19/2015	9:00:01	16.2645	13.4774	16.5479	20.4935	31.8571	4	0
11/19/2015	10:00:00	15.4331	14.1081	18.0528	13.1406	31.6529	4	0
11/19/2015	11:00:00	14.4936	14.3923	12.7282	18.3635	32.2656	4	0
11/19/2015	12:00:01	13.9856	15.5285	18.7034	22.181	32.0613	4	0
11/19/2015	13:00:01	13.8562	16.3304	24.9955	23.7213	31.4487	4	0
11/19/2015	14:00:00	13.741	16.0391	16.6924	7.96005	32.0614	4	0
11/19/2015	15:00:01	13.8865	16.7816	22.8707	38.8501	31.8571	4	0
11/19/2015	16:00:01	13.973	17.6666	18.6962	12.2244	31.6529	4	0
11/19/2015	17:00:00	13.8111	17.6465	9.66485	9.43533	32.2656	4	0
11/19/2015	18:00:00	13.7638	16.9191	7.64537	6.09935	31.4487	4	0
11/19/2015	19:00:01	13.8458	16.0958	7.62544	7.50082	32.4698	4	0
11/19/2015	20:00:01	13.9314	15.1785	9.36183	14.035	31.6529	4	0
11/19/2015	21:00:00	13.9119	14.4893	8.80426	7.28605	31.6529	4	0
11/19/2015	22:00:01	13.9197	13.8773	10.6686	12.0265	32.2656	4	0
11/19/2015	23:00:01	13.8194	13.4373	7.31787	8.5506	31.8571	4	0
11/20/2015	0:00:00	14.0152	12.7317	9.98282	9.1651	32.0613	4	0
11/20/2015	1:00:00	13.7268	11.4247	9.09127	8.68059	32.674	4	0
11/20/2015	2:00:01	13.2408	10.753	8.45264	11.0463	32.674	4	0
11/20/2015	3:00:00	12.906	9.38946	6.38522	10.0005	32.8782	4	0
11/20/2015	4:00:00	12.8845	8.44401	6.88378	4.50123	32.8782	4	0

11/20/2015	5:00:01	12.8483	8.30094	7.84002	9.88341	32.674	4	0
11/20/2015	6:00:02	12.544	8.44049	9.57061	11.6505	32.8782	4	0
11/20/2015	7:00:00	12.4604	9.11857	15.7457	26.8396	33.0824	4	0
11/20/2015	8:00:00	12.3039	9.62137	14.985	19.0179	32.2656	4	0
11/20/2015	9:00:01	12.1011	9.76326	9.95364	8.53839	32.4698	4	0
11/20/2015	10:00:00	11.8749	9.89246	12.0896	12.1089	32.674	4	0
11/20/2015	11:00:00	11.7943	10.1717	10.6904	5.55321	33.0824	4	0
11/20/2015	12:00:01	11.4363	10.1467	9.586	10.369	32.4698	4	0
11/20/2015	13:00:01	11.0815	10.6944	15.4031	15.3653	32.8782	4	0
11/20/2015	14:00:00	10.7216	10.6274	7.56135	7.10786	32.8782	4	0
11/20/2015	15:00:01	10.2736	11.0638	11.4629	8.32866	33.0824	4	0
11/20/2015	16:00:01	9.82783	11.1422	7.92997	5.36682	32.2656	4	0
11/20/2015	17:00:00	9.82701	11.2966	9.95882	14.4047	32.8782	4	0
11/20/2015	18:00:00	9.91855	11.3199	10.137	8.35156	32.4698	4	0
11/20/2015	19:00:01	10.078	10.9584	11.8229	8.22077	32.674	4	0
11/20/2015	20:00:01	10.0121	10.3451	7.7241	8.68746	32.674	4	0
11/20/2015	21:00:00	9.92384	10.1056	7.51541	7.59152	32.674	4	0
11/20/2015	22:00:01	9.75152	9.66945	7.11961	5.13634	33.2866	4	0
11/20/2015	23:00:01	9.62521	9.12592	3.98825	2.68196	32.4698	4	0
11/21/2015	0:00:00	9.38241	8.65549	3.72708	1.51855	32.8782	4	0
11/21/2015	1:00:00	9.11578	7.60426	2.68793	4.20087	32.674	4	0
11/21/2015	2:00:01	8.92921	7.28411	3.51078	0.943357	32.4698	4	0
11/21/2015	3:00:00	8.79268	6.59992	3.19617	4.71655	32.8782	4	0
11/21/2015	4:00:00	8.67991	6.29625	4.26059	1.2365	33.2866	4	0
11/21/2015	5:00:01	8.45259	5.67335	2.4429	1.48045	32.4698	4	0
11/21/2015	6:00:01	8.14774	5.0209	2.25501	1.7053	32.8782	4	0
11/21/2015	7:00:00	7.76832	4.60111	6.75831	7.17061	32.8782	4	0
11/21/2015	8:00:00	7.19909	4.06826	1.30341	1.5412	33.0824	4	0
11/21/2015	9:00:01	7.03495	3.93205	5.88357	5.5396	33.2866	4	0
11/21/2015	10:00:00	6.59949	3.4798	1.73565	0.445934	33.0824	4	0
11/21/2015	11:00:00	6.3809	3.6312	5.83482	6.10457	33.2866	4	0
11/21/2015	12:00:01	6.25871	3.88805	6.82829	9.15314	34.5119	4	0
11/21/2015	13:00:01	5.93709	4.28804	7.48294	5.94718	33.8993	4	0
11/21/2015	14:00:00	5.89501	4.53946	6.53504	7.15883	33.4908	4	0
11/21/2015	15:00:01	5.70975	4.85521	7.03083	8.83235	33.695	4	0
11/21/2015	16:00:01	5.64539	5.03429	6.45445	7.61258	33.2866	4	0

11/21/2015	17:00:00	5.50655	5.37943	6.66983	8.86308	33.8993	4	0
11/21/2015	18:00:00	5.28219	5.59118	5.05542	6.51171	34.1035	4	0
11/21/2015	19:00:01	4.97787	5.39712	4.42082	4.56051	34.5119	4	0
11/21/2015	20:00:01	4.8691	5.70527	5.22568	3.29522	34.3077	4	0
11/21/2015	21:00:00	4.83716	5.7767	6.7192	6.59227	35.1245	4	0
11/21/2015	22:00:01	4.82236	6.18312	6.73112	7.39226	35.3287	4	0
11/21/2015	23:00:01	4.93584	6.26261	6.76904	8.26898	34.7161	4	0
11/22/2015	0:00:00	4.93584	6.26261	6.76904	5.88519	35.1245	4	0
11/22/2015	1:00:00	5.22148	6.20691	6.51208	6.32881	35.9414	4	0
11/22/2015	2:00:00	5.3721	6.26327	7.01081	7.37006	35.3287	4	0
11/22/2015	3:00:00	5.49888	6.22318	6.69616	6.19507	36.1456	4	0
11/22/2015	4:00:00	O Amren Power	0	0	0	35.9414	1	0
11/22/2015	5:00:01	0	0	0	0	36.3498	3	0
11/22/2015	6:00:01	0	0	0	9.70208	36.1456	4	0
11/22/2015	7:00:00	0	0	0	9.67234	35.9414	4	0
11/22/2015	8:00:00	0	0	12.0422	9.5853	36.1456	4	0
11/22/2015	9:00:01	0	0	10.6551	14.87	35.9414	4	0
11/22/2015	10:00:01	0	0	13.87	12.3151	35.1245	4	0
11/22/2015	11:00:00	0	0	13.87	7.48489	34.7161	4	0
11/22/2015	12:00:00	0	0	8.61209	6.15926	35.3288	4	0
11/22/2015	13:00:01	0	0	6.01542	12.3509	34.3077	4	0
11/22/2015	14:00:01	0	0	8.63506	7.64377	34.9203	4	0
11/22/2015	15:00:00	0	0	6.57099	5.03486	34.3077	4	0
11/22/2015	16:00:00	0	0	14.7463	30.0508	33.695	4	0
11/22/2015	17:00:00	0	0	29.8968	35.9775	34.3077	4	0
11/22/2015	18:00:01	0	0	27.4815	24.3203	33.8993	4	0
11/22/2015	19:00:01	0	14.5438	28.3154	28.9894	33.8993	4	0
11/22/2015	20:00:00	0	16.0258	29.6925	35.5582	34.5119	4	0
11/22/2015	21:00:00	0	17.4117	27.5802	20.8687	34.5119	4	0
11/22/2015	22:00:01	0	17.6436	16.6341	11.8127	34.1035	4	0
11/22/2015	23:00:01	0	17.7521	8.02075	7.65434	34.9203	4	0
11/23/2015	0:00:00	0	17.7875	8.71458	12.659	34.7161	4	0
11/23/2015	1:00:00	0	18.4454	14.2481	21.6089	34.5119	4	0
11/23/2015	2:00:01	0	20.1065	28.5538	40.6206	34.5119	4	0
11/23/2015	3:00:01	0	22.1068	30.6307	20.73	33.8993	4	0
11/23/2015	4:00:01	0	22.7211	22.1235	15.2943	34.5119	4	0

11/23/2015	5:00:00	0	20.9167	9.10157	5.6299	34.7161	4	0
11/23/2015	6:00:00	0	19.5633	11.6669	9.15453	34.3077	4	0
11/23/2015	7:00:01	16.1818	17.8548	8.61194	11.8899	34.9203	4	0
11/23/2015	8:00:01	16.0731	16.1524	8.43322	10.5808	34.5119	4	0
11/23/2015	9:00:00	16.0635	14.6937	9.48736	9.91258	34.5119	4	0
11/23/2015	10:00:00	16.1112	14.4964	13.5041	11.9238	33.8993	4	0
11/23/2015	11:00:01	16.2725	14.6815	10.2165	7.93374	34.7161	4	0
11/23/2015	12:00:01	16.3707	14.8188	9.84457	10.493	34.1035	4	0
11/23/2015	13:00:01	16.6808	14.6503	11.5239	15.7562	33.8993	4	0
11/23/2015	14:00:00	16.9412	13.4346	14.0415	9.70096	34.1035	4	0
11/23/2015	15:00:00	17.0141	11.5234	8.17562	7.34051	33.695	4	0
11/23/2015	16:00:01	16.8269	10.6075	11.832	11.5788	33.8993	4	0
11/23/2015	17:00:01	15.8752	10.5593	8.98631	9.46605	34.1035	4	0
11/23/2015	18:00:00	15.0017	10.296	9.30433	9.90015	34.1035	4	0
11/23/2015	19:00:00	14.2321	10.458	10.869	10.9933	34.7161	4	0
11/23/2015	20:00:00	13.3532	10.5133	9.36159	11.5822	34.3077	4	0
11/23/2015	21:00:01	12.5309	10.4229	8.71745	12.6114	34.7161	4	0
11/23/2015	22:00:00	12.2571	10.1628	10.429	10.3136	35.1245	4	0
11/23/2015	23:00:00	12.3096	10.1233	9.87561	10.3904	34.9203	4	0
11/24/2015	0:00:01	12.3096	10.0795	9.48297	5.19691	35.3288	4	0
11/24/2015	1:00:01	12.032	9.7989	8.16572	3.36183	35.9414	4	0
11/24/2015	2:00:01	11.6247	10.182	18.1766	20.4362	35.7372	4	0
11/24/2015	3:00:00	11.0228	10.8639	16.523	8.73475	35.3288	4	0
11/24/2015	4:00:01	10.6076	10.8862	11.7905	16.7003	35.5329	4	0
11/24/2015	5:00:01	11.2478	12.1624	23.8489	16.3254	34.9203	4	0
11/24/2015	6:00:01	11.5032	12.8639	17.4652	17.9295	35.1245	4	0
11/24/2015	7:00:00	11.6349	12.9353	11.4055	9.29976	35.1245	4	0
11/24/2015	8:00:00	11.7655	13.1169	11.3798	14.7564	35.533	4	0
11/24/2015	9:00:01	11.946	13.4514	11.3003	14.1252	34.9203	4	0
11/24/2015	10:00:01	12.2353	14.1958	18.0733	14.7781	34.9203	4	0
11/24/2015	11:00:00	12.4073	14.546	13.9767	15.7975	34.9203	4	0
11/24/2015	12:00:00	12.6344	14.9938	14.5872	17.4288	35.3288	4	0
11/24/2015	13:00:00	12.7847	15.5351	14.3577	14.3715	35.3288	4	0
11/24/2015	14:00:01	12.6328	14.8545	10.7547	12.1674	35.3288	4	0
11/24/2015	15:00:01	12.86	14.5626	13.3906	15.7994	35.1245	4	0
11/24/2015	16:00:00	12.9437	14.7382	14.7455	10.889	35.1245	4	0

11/24/2015	17:00:00	12.9351	13.4984	10.4761	11.9126	35.3288	4	0
11/24/2015	18:00:01	13.0306	12.9936	11.836	10.0821	35.1245	4	0
11/24/2015	19:00:01	13.1071	13.0413	11.6018	12.9984	35.1245	4	0
11/24/2015	20:00:00	13.2975	13.2571	14.318	22.7742	34.5119	4	0
11/24/2015	21:00:00	13.4692	13.3944	13.1391	14.7567	34.3077	4	0
11/24/2015	22:00:01	13.6331	13.1256	15.1018	17.0349	34.5119	4	0
11/24/2015	23:00:01	13.8875	13.2826	15.5567	16.7351	34.5119	4	0
11/25/2015	0:00:01	13.9488	13.0562	12.3268	11.605	34.9203	4	0
11/25/2015	1:00:00	14.0282	12.7129	9.97567	11.3097	35.3287	4	0
11/25/2015	2:00:00	15.0114	15.0961	37.0767	45.4603	34.3077	4	0
11/25/2015	3:00:01	16.3037	17.9641	47.6109	57.4753	34.5119	4	0
11/25/2015	4:00:01	17.3056	19.7551	36.5306	27.8017	33.8993	4	0
11/25/2015	5:00:00	17.9983	22.3167	41.3815	47.1104	34.5119	4	0
11/25/2015	6:00:00	19.3289	25.4873	50.182	49.0111	34.5119	4	0
11/25/2015	7:00:01	20.7245	28.2873	45.5283	53.3415	34.5119	4	0
11/25/2015	8:00:01	22.2653	31.1216	48.0707	53.0154	34.5119	4	0
11/25/2015	9:00:01	23.7695	33.9149	44.7855	48.4516	34.9203	4	0
11/25/2015	10:00:00	25.0059	36.6294	47.7768	48.1182	33.8993	4	0
11/25/2015	11:00:02	26.2333	38.901	41.473	52.599	34.9203	4	0
11/25/2015	12:00:00	27.539	41.689	45.8741	42.713	35.3288	4	0
11/25/2015	13:00:00	28.7757	44.4912	42.3117	41.1882	34.5119	4	0
11/25/2015	14:00:01	30.4298	45.5857	51.1074	54.0645	35.1245	4	0
11/25/2015	15:00:01	32.0492	45.8987	50.5963	51.94	35.3287	4	0
11/25/2015	16:00:00	33.5825	47.13	51.8846	54.3855	35.1245	4	0
11/25/2015	17:00:00	35.4033	48.1891	55.3761	55.8572	35.533	4	0
11/25/2015	18:00:01	37.4068	48.9638	60.2769	60.6276	34.9203	4	0
11/25/2015	19:00:01	39.4183	50.1176	60.0422	66.0095	35.533	4	0
11/25/2015	20:00:02	41.226	50.863	57.2218	56.7852	35.1245	4	0
11/25/2015	21:00:00	43.3474	52.5234	66.2189	62.5927	35.7372	4	0
11/25/2015	22:00:00	44.9072	52.8536	50.9347	48.2238	35.9414	4	0
11/25/2015	23:00:01	45.7633	52.5247	39.3182	32.5674	36.554	4	0
11/26/2015	0:00:01	46.6759	51.6467	36.4795	28.4062	35.7372	4	0
11/26/2015	1:00:00	47.1847	50.2308	28.2677	41.8599	35.7372	4	0
11/26/2015	2:00:00	47.4684	49.5694	41.4471	44.331	35.9414	4	0
11/26/2015	3:00:00	47.6488	49.7343	52.1091	70.7119	35.9414	4	0
11/26/2015	4:00:01	48.7671	50.5311	58.5328	34.0702	35.533	4	0

11/26/2015	5:00:01	48.4832	48.7863	33.6376	47.9046	36.1456	4	0
11/26/2015	6:00:00	47.9296	46.8002	35.3549	30.4498	36.3498	4	0
11/26/2015	7:00:00	46.8285	43.4044	18.9847	20.0849	36.1456	4	0
11/26/2015	8:00:01	45.6533	40.2409	18.3604	20.356	36.1456	4	0
11/26/2015	9:00:01	44.6348	36.3445	19.1577	21.3276	36.1456	4	0
11/26/2015	10:00:00	43.6791	34.2019	25.4872	24.5291	36.1456	4	0
11/26/2015	11:00:00	43.0424	32.9634	23.731	22.7235	35.3288	4	0
11/26/2015	12:00:01	42.3716	32.2769	27.7821	31.3735	36.1456	4	0
11/26/2015	13:00:01	41.936	32.3561	28.3209	27.4467	35.5329	4	0
11/26/2015	14:00:01	41.1867	31.453	30.1873	28.5514	35.3287	4	0
11/26/2015	15:00:00	40.2048	29.2457	26.5428	21.46	35.3287	4	0
11/26/2015	16:00:00	39.2242	26.7741	30.6594	45.8277	35.9414	4	0
11/26/2015	17:00:01	38.7315	27.751	46.6536	60.8109	36.1456	4	0
11/26/2015	18:00:01	37.9271	28.3039	42.7927	33.368	35.9414	4	0
11/26/2015	19:00:01	36.7582	29.5308	34.4852	32.998	35.5329	4	0
11/26/2015	20:00:00	35.2398	29.893	23.7133	24.9891	36.3498	4	0
11/26/2015	21:00:01	33.2273	29.8433	18.5112	17.7034	35.9414	4	0
11/26/2015	22:00:01	31.9158	29.3888	20.2741	25.561	35.9414	4	0
11/26/2015	23:00:01	31.1201	29.2504	23.2612	21.7299	36.3498	4	0
11/27/2015	0:00:00	30.4875	28.7227	21.0773	24.004	36.1456	4	0
11/27/2015	1:00:00	30.768	29.3314	35.4399	39.9808	36.3498	4	0
11/27/2015	2:00:01	29.4677	27.9652	15.7211	5.66748	35.9414	4	0
11/27/2015	3:00:01	27.0507	25.644	1.45741	2.72938	36.554	4	0
11/27/2015	4:00:00	24.6463	23.2452	1.56784	4.73989	36.1456	4	0
11/27/2015	5:00:00	23.2861	19.6392	3.13293	3.25008	36.7582	4	0
11/27/2015	6:00:01	21.7954	16.3248	3.19847	-0.228294	37.3709	4	0
11/27/2015	7:00:01	21.0304	13.6398	1.37274	2.11433	37.3709	4	0
11/27/2015	8:00:00	20.3445	11.9484	3.01067	2.35266	37.3709	4	0
11/27/2015	9:00:00	19.6667	10.674	2.61474	4.1218	37.3709	4	0
11/27/2015	10:00:00	18.7155	9.23886	2.40854	5.50025	37.1667	4	0
11/27/2015	11:00:01	17.9614	7.75166	4.52833	2.18288	37.5751	4	0
11/27/2015	12:00:00	16.8915	6.15993	1.23718	1.83683	37.9835	4	0
11/27/2015	13:00:01	15.8476	3.55824	2.84504	4.41427	37.5751	4	0
11/27/2015	14:00:01	14.8008	2.59826	3.71422	5.28194	37.7793	4	0
11/27/2015	15:00:00	13.921	2.81526	4.10341	5.21213	36.9625	4	0
11/27/2015	16:00:00	12.9093	3.12777	5.35247	8.45327	37.5751	4	0

11/27/2015	17:00:01	11.4193	3.60013	8.80043	8.33643	37.3709	4	0
11/27/2015	18:00:01	10.0309	3.97002	7.65077	4.57222	36.9625	4	0
11/27/2015	19:00:00	8.90382	4.31867	5.57132	3.6942	37.7793	4	0
11/27/2015	20:00:00	8.11978	4.38123	3.75538	2.64894	37.9835	4	0
11/27/2015	21:00:01	7.63318	4.66476	6.02247	5.20532	37.7793	4	0
11/27/2015	22:00:01	7.01676	4.84596	4.5937	1.86319	37.5751	4	0
11/27/2015	23:00:01	6.55339	5.39664	11.1188	22.9996	37.5751	4	0
11/28/2015	0:00:00	5.99358	5.85846	6.84654	4.22827	38.1877	4	0
11/28/2015	1:00:00	4.6688	5.78327	1.93219	3.17302	37.9835	4	0
11/28/2015	2:00:01	4.21502	5.82874	4.28924	6.92106	38.1877	4	0
11/28/2015	3:00:01	4.3382	5.85994	4.43518	4.74919	37.5751	4	0
11/28/2015	4:00:01	4.49831	5.86957	5.49687	3.28179	38.3919	4	0
11/28/2015	5:00:00	4.48336	5.37018	2.83699	3.60814	38.1877	4	0
11/28/2015	6:00:00	4.60364	5.24094	6.08746	6.03908	38.1877	4	0
11/28/2015	7:00:01	4.73214	5.15104	4.47187	7.32444	38.5961	4	0
11/28/2015	8:00:01	4.75063	5.12378	3.3802	4.86129	37.9835	4	0
11/28/2015	9:00:00	4.80298	4.94427	3.84312	4.05302	37.9835	4	0
11/28/2015	10:00:00	4.93193	5.01614	5.39903	4.24319	37.7793	4	0
11/28/2015	11:00:00	4.96586	4.52548	5.18509	3.7325	38.3919	4	0
11/28/2015	12:00:01	5.16008	4.4386	5.79281	8.52048	38.1877	4	0
11/28/2015	13:00:01	5.28652	4.76306	5.7835	4.72649	37.9835	4	0
11/28/2015	14:00:00	5.35565	4.84514	5.23736	8.52223	38.1877	4	0
11/28/2015	15:00:00	5.38523	4.88236	4.94692	4.54069	38.1877	4	0
11/28/2015	16:00:01	5.48139	5.07154	7.86473	11.3314	37.7793	4	0
11/28/2015	17:00:01	5.34856	5.30623	5.66878	6.08417	37.9835	4	0
11/28/2015	18:00:00	5.2293	5.19344	4.71559	5.5906	37.7793	4	0
11/28/2015	19:00:00	5.41396	5.66104	10.1739	13.6223	37.7793	4	0
11/28/2015	20:00:01	5.57173	6.00732	7.52991	3.59844	37.5751	4	0
11/28/2015	21:00:01	5.75884	6.57241	10.7873	10.7534	38.1877	4	0
11/28/2015	22:00:01	5.8395	6.67364	6.74487	6.82727	38.8004	4	0
11/28/2015	23:00:00	5.63315	6.75289	6.09055	5.0468	38.5962	4	0
11/29/2015	0:00:00	5.64799	6.87328	7.24507	4.1323	38.3919	4	0
11/29/2015	1:00:01	5.87186	7.00543	7.38554	10.6547	38.8004	4	0
11/29/2015	2:00:01	5.99854	7.18574	7.44593	5.36919	39.0046	4	0
11/29/2015	3:00:00	6.07925	7.30447	6.29155	3.7788	38.5962	4	0
11/29/2015	4:00:00	6.09236	7.13858	5.84897	6.20811	38.3919	4	0

11/29/2015	5:00:01	6.15515	7.0354	4.49426	10.0113	38.8004	4	0
11/29/2015	6:00:01	6.12161	7.08257	5.23274	7.34712	39.2088	4	0
11/29/2015	7:00:01	6.14214	6.65484	4.95225	0.028735	38.5961	4	0
11/29/2015	8:00:00	6.29339	6.60659	6.77258	8.22345	38.5962	4	0
11/29/2015	9:00:00	6.4801	6.39359	8.09234	7.91261	38.1877	4	0
11/29/2015	10:00:01	6.64893	6.58764	8.77658	14.9852	38.1877	4	0
11/29/2015	11:00:01	6.78187	6.75884	7.99387	10.7862	37.9835	4	0
11/29/2015	12:00:00	7.00266	7.07128	11.0181	5.45606	38.8004	4	0
11/29/2015	13:00:00	7.06288	7.03303	6.78681	10.6156	38.3919	4	0
11/29/2015	14:00:01	7.2357	7.17868	9.21591	6.96955	37.9835	4	0
11/29/2015	15:00:01	7.47388	7.53103	10.5293	11.4297	37.9835	4	0
11/29/2015	16:00:01	7.7966	8.34966	15.8193	22.603	37.7793	4	0
11/29/2015	17:00:00	8.17269	9.19796	14.6948	14.9907	37.9835	4	0
11/29/2015	18:00:00	8.33139	9.47513	8.72674	5.62136	38.3919	4	0
11/29/2015	19:00:01	8.26971	9.7957	8.94828	9.36398	37.7793	4	0
11/29/2015	20:00:01	8.32556	9.96734	8.88989	7.43067	37.7793	4	0
11/29/2015	21:00:00	8.2081	9.9642	8.24266	7.71747	38.1877	4	0
11/29/2015	22:00:00	8.18818	9.75836	6.39418	7.77959	38.3919	4	0
11/29/2015	23:00:01	8.15474	9.52995	5.15412	5.63132	38.1877	4	0
11/30/2015	0:00:01	8.12104	9.15569	6.62217	3.50325	38.1877	4	0
11/30/2015	1:00:00	8.13052	9.23221	7.69656	11.0156	38.5961	4	0
11/30/2015	2:00:00	8.32963	9.49176	12.2955	12.904	38.5961	4	0
11/30/2015	3:00:00	8.59938	9.68529	12.7976	10.3472	38.3919	4	0
11/30/2015	4:00:01	8.67845	9.02684	7.96406	11.3025	38.3919	4	0
11/30/2015	5:00:01	8.83442	8.48668	8.07875	8.58289	38.1877	4	0
11/30/2015	6:00:00	9.06436	8.66465	10.8951	12.4843	38.8004	4	0
11/30/2015	7:00:00	9.36344	8.9285	12.0628	12.2543	37.9835	4	0
11/30/2015	8:00:00	9.62094	9.27625	13.0867	14.7539	37.9835	4	0
11/30/2015	9:00:01	9.99535	10.0031	16.8024	18.7289	39.0046	4	0
11/30/2015	10:00:01	10.367	10.9547	17.8845	16.6547	38.3919	4	0
11/30/2015	11:00:00	10.7612	11.9899	17.6859	12.6413	38.5961	4	0
11/30/2015	12:00:00	10.857	12.5227	12.5441	10.1332	37.9835	4	0
11/30/2015	13:00:01	11.2836	13.2659	16.0588	21.473	38.5961	4	0
11/30/2015	14:00:01	11.4897	13.3958	13.5831	9.71883	37.9835	4	0
11/30/2015	15:00:00	11.5747	13.3808	12.9063	16.2376	37.9835	4	0
11/30/2015	16:00:00	11.3749	13.6395	11.1144	8.806	38.3919	4	0

11/30/2015	17:00:01	11.0724	13.5983	7.82465	7.27712	38.3919	4	0
11/30/2015	18:00:01	11.0584	13.3774	8.14479	6.99969	38.1877	4	0
11/30/2015	19:00:01	11.0172	13.0249	7.79733	6.96453	38.3919	4	0
11/30/2015	20:00:00	11.0444	12.7271	9.69916	11.4233	38.1877	4	0
11/30/2015	21:00:00	11.2726	12.4513	13.4684	9.85381	38.1877	4	0
11/30/2015	22:00:01	11.3961	11.7147	9.08114	19.4234	38.5962	4	0
11/30/2015	23:00:01	12.0171	11.8676	19.4938	21.1991	37.9835	4	0
12/1/2015	0:00:00	12.2055	11.7292	10.8659	23.6716	37.9835	4	0
12/1/2015	1:00:00	12.8456	12.2972	22.9165	24.4758	37.9835	4	0
12/1/2015	2:00:00	13.1862	12.8786	20.6346	8.73057	38.1877	4	0
12/1/2015	3:00:01	12.7752	12.09	3.88374	1.57385	38.3919	4	0
12/1/2015	4:00:00	12.5671	11.4203	3.18866	1.23763	38.3919	4	0
12/1/2015	5:00:00	12.3318	10.9918	2.86616	5.42491	38.5961	4	0
12/1/2015	6:00:00	11.9939	10.552	2.86716	5.30711	38.8004	4	0
12/1/2015	7:00:01	11.5381	10.0626	2.41233	0.158127	38.5961	4	0
12/1/2015	8:00:01	11.1544	9.62909	4.81696	6.72521	38.5961	4	0
12/1/2015	9:00:00	10.6431	8.90684	4.8029	3.11926	38.1877	4	0
12/1/2015	10:00:00	0	0	0	0	20.217	1	0
12/1/2015	11:00:01	0	0	0	0	20.8297	3	0
12/1/2015	12:00:01	0	0	0	8.42239	21.0339	4	0
12/1/2015	13:00:00	0	0	0	4.05544	21.2381	4	0
12/1/2015	14:00:00	0	0	4.43135	2.04976	21.2381	4	0
12/1/2015	15:00:00	0	0	6.40251	16.6972	20.6255	4	0
12/1/2015	16:00:01	0	0	16.4406	16.3435	21.0339	4	0
12/1/2015	17:00:01	0	0	27.8741	41.835	21.4423	4	0
12/1/2015	18:00:01	0	0	22.8291	13.1028	21.2381	4	0
12/1/2015	19:00:01	0	0	14.9377	11.6765	21.6465	4	0
12/1/2015	20:00:00	0	0	9.20384	7.50443	21.2381	4	0
12/1/2015	21:00:00	0	0	9.52074	8.03745	21.4423	4	0
12/1/2015	22:00:01	0	0	5.41975	5.69644	21.4423	4	0
12/1/2015	23:00:01	0	0	4.50184	2.28698	21.8507	4	0
12/2/2015	0:00:01	0	0	3.62431	3.95633	20.6255	4	0
12/2/2015	1:00:00	0	10.7411	4.69707	3.70379	21.0339	4	0
12/2/2015	2:00:00	0	10.7454	4.36491	4.01652	21.0339	4	0
12/2/2015	3:00:01	0	10.5889	4.66433	3.8863	21.4423	4	0
12/2/2015	4:00:01	0	9.57631	4.22303	2.27535	22.0549	4	0

12/2/2015	5:00:00	0	7.66858	4.62057	6.311	21.6465	4	0
12/2/2015	6:00:00	0	6.2218	5.22702	5.7878	21.8507	4	0
12/2/2015	7:00:01	0	5.55351	6.80686	8.29274	21.8507	4	0
12/2/2015	8:00:00	0	5.37897	6.95561	7.02107	21.8507	4	0
12/2/2015	9:00:01	0	5.20974	7.42094	7.73419	21.8507	4	0
12/2/2015	10:00:01	0	5.42739	7.98905	8.63643	22.2592	4	0
12/2/2015	11:00:01	0	5.6062	6.62907	5.70976	22.2592	4	0
12/2/2015	12:00:00	0	5.671	4.50162	2.09156	22.0549	4	0
12/2/2015	13:00:00	8.1706	5.6118	3.9109	6.41499	22.2592	4	0
12/2/2015	14:00:01	8.27757	5.83362	7.0387	7.12151	22.4634	4	0
12/2/2015	15:00:01	8.30538	6.05643	7.45555	8.47599	22.8718	4	0
12/2/2015	16:00:01	7.9379	6.3126	7.26563	5.43911	22.8718	4	0
12/2/2015	17:00:00	7.0618	6.47577	6.67504	7.02876	22.2592	4	0
12/2/2015	18:00:00	6.41551	6.62327	7.02376	6.86183	22.6676	4	0
12/2/2015	19:00:01	6.04137	6.54185	5.90604	7.65507	22.6676	4	0
12/2/2015	20:00:01	5.93003	6.49876	6.39342	6.74267	22.4634	4	0
12/2/2015	21:00:00	5.79703	6.40347	6.27633	5.8436	22.8718	4	0
12/2/2015	22:00:00	5.86791	6.33364	7.11283	4.32476	23.2802	4	0
12/2/2015	23:00:00	6.0188	6.46875	8.3372	10.5196	23.2802	4	0
12/3/2015	0:00:01	6.16537	6.697	7.3412	7.07257	23.6886	4	0
12/3/2015	1:00:01	6.28376	6.99765	7.49747	11.666	23.6886	4	0
12/3/2015	2:00:00	6.43678	7.09178	8.22828	8.33416	23.4844	4	0
12/3/2015	3:00:00	6.62612	7.23155	8.93228	10.2701	23.2802	4	0
12/3/2015	4:00:01	6.79817	7.33233	8.52543	8.01929	23.4844	4	0
12/3/2015	5:00:01	6.9721	7.51126	8.78918	8.20259	23.8929	4	0
12/3/2015	6:00:00	7.07528	7.5591	7.41571	6.46592	23.4844	4	0
12/3/2015	7:00:00	7.06386	7.60688	6.42491	8.33785	23.2802	4	0
12/3/2015	8:00:01	7.04933	7.63532	6.91328	7.18769	24.5055	4	0
12/3/2015	9:00:01	6.99828	7.62945	6.25146	6.01564	24.3013	4	0
12/3/2015	10:00:01	6.93205	7.5656	6.31355	6.98203	23.8929	4	0
12/3/2015	11:00:00	6.90849	7.36505	5.78061	6.67417	24.5055	4	0
12/3/2015	12:00:00	6.92724	7.16135	4.84595	5.55554	24.0971	4	0
12/3/2015	13:00:01	7.01552	7.03898	6.03276	8.36128	24.5055	4	0
12/3/2015	14:00:01	7.14178	7.18701	10.022	5.93587	24.9139	4	0
12/3/2015	15:00:02	7.15727	7.09007	7.74992	9.043	24.3013	4	0
12/3/2015	16:00:00	7.15727	7.09007	7.74992	12.4371	24.7097	4	0

12/3/2015	17:00:00	7.58112	7.64502	13.232	14.4924	24.0971	4	0
12/3/2015	18:00:01	7.72739	7.90166	10.4855	11.1763	24.9139	4	0
12/3/2015	19:00:01	7.84889	8.11085	9.0582	9.92381	24.5055	4	0
12/3/2015	20:00:00	7.8317	8.02409	5.79346	6.88057	25.1181	4	0
12/3/2015	21:00:00	7.8708	8.1156	7.53082	10.5462	25.3223	4	0
12/3/2015	22:00:01	7.94321	8.33005	8.97004	9.09977	25.1181	4	0
12/3/2015	23:00:01	8.34643	9.35158	18.0988	28.1633	25.1181	4	0
12/4/2015	0:00:00	8.87664	10.6305	20.4021	14.7484	25.5265	4	0
12/4/2015	1:00:00	8.9455	10.8958	9.34586	5.14187	26.1392	4	0
12/4/2015	2:00:00	9.01836	10.8947	9.94756	4.90132	26.1392	4	0
12/4/2015	3:00:01	9.01191	10.9799	8.75416	4.81003	26.1392	4	0
12/4/2015	4:00:01	9.04735	10.867	9.22352	5.7164	26.3434	4	0
12/4/2015	5:00:00	9.1456	10.7069	11.3592	12.4731	26.3434	4	0
12/4/2015	6:00:00	9.47176	11.1195	15.5729	22.5557	25.7308	4	0
12/4/2015	7:00:01	9.61636	11.1954	9.96433	10.2676	26.1392	4	0
12/4/2015	8:00:01	9.8775	11.807	13.0359	11.2344	26.5476	4	0
12/4/2015	9:00:00	10.2953	12.4969	14.9505	17.4213	26.956	4	0
12/4/2015	10:00:00	10.8447	13.3355	18.2246	15.2232	26.7518	4	0
12/4/2015	11:00:01	11.5924	13.7476	22.2818	41.0605	25.7308	4	0
12/4/2015	12:00:01	12.3518	13.8886	21.5396	24.7981	26.5476	4	0
12/4/2015	13:00:01	12.8044	14.5106	17.0198	16.9461	27.1602	4	0
12/4/2015	14:00:00	13.0343	14.9351	14.6528	19.8477	27.1602	4	0
12/4/2015	15:00:00	13.8389	16.4385	26.7212	44.4015	26.7518	4	0
12/4/2015	16:00:01	14.1161	17.1619	18.9958	20.743	27.3645	4	0
12/4/2015	17:00:01	14.2719	17.6703	18.6672	12.4935	27.7729	4	0
12/4/2015	18:00:00	14.9835	18.7369	30.4039	42.4746	27.9771	4	0
12/4/2015	19:00:00	15.8353	20.3936	30.7572	24.6582	27.3645	4	0
12/4/2015	20:00:01	17.9009	23.8726	53.9965	52.2936	27.7729	4	0
12/4/2015	21:00:01	19.8273	27.1085	54.014	58.8963	27.9771	4	0
12/4/2015	22:00:01	20.9877	28.7145	38.8664	55.6881	28.3855	4	0
12/4/2015	23:00:00	20.9834	28.4258	19.8046	19.2098	27.7729	4	0
12/5/2015	0:00:00	20.7712	27.9629	16.0226	16.5872	28.1813	4	0
12/5/2015	1:00:01	21.1103	28.0248	17.1683	25.8513	28.5897	4	0
12/5/2015	2:00:01	21.9674	29.3981	31.3103	36.3461	28.794	4	0
12/5/2015	3:00:00	22.2162	28.4801	15.1872	14.713	28.5897	4	0
12/5/2015	4:00:00	22.4473	28.1866	15.4267	17.4219	28.9982	4	0

12/5/2015	5:00:01	22.6102	27.9267	14.9884	11.6588	28.5897	4	0
12/5/2015	6:00:01	22.3031	26.1422	9.14675	5.30983	28.5897	4	0
12/5/2015	7:00:01	22.712	25.2943	20.7886	31.6736	28.9981	4	0
12/5/2015	8:00:00	22.9007	22.3454	17.7131	11.9075	29.2024	4	0
12/5/2015	9:00:00	22.859	18.9574	11.4718	13.348	28.5897	4	0
12/5/2015	10:00:01	22.8958	17.2565	17.7426	27.5148	28.5897	4	0
12/5/2015	11:00:01	22.8851	17.1183	16.328	14.0111	28.794	4	0
12/5/2015	12:00:00	22.5942	16.8611	12.4819	16.472	28.9981	4	0
12/5/2015	13:00:00	23.2614	18.0231	30.5465	38.0703	29.2024	4	0
12/5/2015	14:00:01	23.9003	17.8076	29.0742	17.6329	29.815	4	0
12/5/2015	15:00:01	23.4025	17.7054	14.1401	15.9632	29.6108	4	0
12/5/2015	16:00:00	23.1941	17.7061	16.7463	13.8117	29.2024	4	0
12/5/2015	17:00:00	22.9923	17.65	14.9911	17.078	28.9981	4	0
12/5/2015	18:00:01	22.2421	17.9574	13.2656	13.553	30.0192	4	0
12/5/2015	19:00:01	21.6165	17.5094	15.6952	17.3981	29.815	4	0
12/5/2015	20:00:00	20.1088	17.5805	19.5814	21.5168	30.0192	4	0
12/5/2015	21:00:00	18.4328	17.7253	13.0651	14.2911	29.2024	4	0
12/5/2015	22:00:01	17.7388	18.1152	22.8114	27.0541	30.0192	4	0
12/5/2015	23:00:00	17.4669	17.8826	13.6063	10.9852	30.4277	4	0
12/6/2015	0:00:00	17.2039	17.7299	11.3687	11.0487	31.4487	4	0
12/6/2015	1:00:01	16.959	16.1103	10.0318	7.24389	30.2234	4	0
12/6/2015	2:00:01	16.0369	14.5262	9.86892	10.7672	30.6319	4	0
12/6/2015	3:00:00	15.7261	14.0541	8.62205	7.00321	30.2234	4	0
12/6/2015	4:00:00	15.3527	13.2439	7.02268	6.03705	30.8361	4	0
12/6/2015	5:00:01	15.1544	12.8539	10.0739	8.86687	31.4487	4	0
12/6/2015	6:00:01	15.1244	12.4743	8.67255	5.60623	31.2445	4	0
12/6/2015	7:00:00	14.659	11.9709	9.35543	9.94104	31.6529	4	0
12/6/2015	8:00:00	14.659	11.9709	9.35543	12.6939	31.4487	4	0
12/6/2015	9:00:00	14.7975	11.7334	12.839	14.0315	30.4277	4	0
12/6/2015	10:00:01	15.2439	12.0483	25.9174	40.6802	31.2445	4	0
12/6/2015	11:00:01	15.6459	13.0448	25.5807	13.153	30.8361	4	0
12/6/2015	12:00:00	15.7673	13.3332	14.7879	17.3218	31.2445	4	0
12/6/2015	13:00:00	15.215	13.9537	17.6881	17.4663	31.0403	4	0
12/6/2015	14:00:01	14.5561	14.2128	12.8483	22.4245	31.2445	4	0
12/6/2015	15:00:01	14.5844	14.7254	14.9718	22.5019	30.6319	4	0
12/6/2015	16:00:01	14.4034	15.1995	13.0631	16.1382	31.0403	4	0

12/6/2015	17:00:00	14.6573	16.2254	24.1005	26.2192	31.8571	4	0
12/6/2015	18:00:00	14.8924	17.0945	19.5169	27.2828	32.2656	4	0
12/6/2015	19:00:01	15.3572	18.6045	28.5464	41.9127	31.6529	4	0
12/6/2015	20:00:01	15.7695	19.7949	29.6007	22.8145	32.2656	4	0
12/6/2015	21:00:00	15.7695	19.7949	29.6007	31.0116	32.0613	4	0
12/6/2015	22:00:00	16.2256	20.5141	22.3338	27.682	31.6529	4	0
12/6/2015	23:00:00	16.4743	20.0948	21.0795	13.8829	32.2656	4	0
12/7/2015	0:00:01	16.7682	20.4208	18.3507	11.8956	32.8782	4	0
12/7/2015	1:00:01	17.0296	20.3863	17.9012	16.1002	32.674	4	0
12/7/2015	2:00:00	17.7513	21.6075	27.2454	45.9414	32.4698	4	0
12/7/2015	3:00:00	18.3955	22.4413	25.4438	21.6454	32.8782	4	0
12/7/2015	4:00:01	19.7152	24.559	37.313	27.9459	32.8782	4	0
12/7/2015	5:00:01	19.8031	23.6005	12.2767	11.6908	32.674	4	0
12/7/2015	6:00:00	19.8428	22.8011	9.69562	8.97665	32.8782	4	0
12/7/2015	7:00:00	19.8034	21.171	9.09326	8.11609	33.2866	4	0
12/7/2015	8:00:00	19.5726	19.4788	8.37958	9.4907	32.674	4	0
12/7/2015	9:00:01	19.4001	18.1745	9.26184	10.0341	33.0824	4	0
12/7/2015	10:00:01	18.8245	17.2173	9.9319	9.23378	33.4908	4	0
12/7/2015	11:00:00	18.2099	16.3576	11.0307	11.6266	33.695	4	0
12/7/2015	12:00:00	18.3566	16.3162	17.6668	31.1361	33.695	4	0
12/7/2015	13:00:01	18.5903	16.6627	21.5163	23.8108	33.2866	4	0
12/7/2015	14:00:01	18.903	16.0488	20.0122	10.7467	33.4908	4	0
12/7/2015	15:00:01	19.7402	16.6706	32.2401	43.1502	33.2866	4	0
12/7/2015	16:00:00	20.4016	15.8477	27.5316	32.1715	33.0824	4	0
12/7/2015	17:00:00	20.4052	16.7896	23.4803	31.8059	33.2866	4	0
12/7/2015	18:00:01	20.4548	17.7299	21.3287	22.124	33.4908	4	0
12/7/2015	19:00:01	20.3044	19.0466	24.8919	17.0989	33.4908	4	0
12/7/2015	20:00:00	19.8511	19.8939	18.3187	21.3685	33.2866	4	0
12/7/2015	21:00:00	20.2464	21.9412	33.3631	36.8175	32.8782	4	0
12/7/2015	22:00:01	21.482	25.3998	50.6755	62.1037	33.2866	4	0
12/7/2015	23:00:01	22.1791	27.6554	38.4035	30.2717	33.695	4	0
12/8/2015	0:00:01	23.2507	29.8382	43.8757	59.825	33.0824	4	0
12/8/2015	1:00:00	24.4746	31.9979	48.0594	42.7945	33.0824	4	0
12/8/2015	2:00:00	25.3392	34.3494	48.3402	64.3853	33.2866	4	0
12/8/2015	3:00:01	26.458	36.0524	53.1992	54.1742	33.4908	4	0
12/8/2015	4:00:01	27.2745	38.5597	57.8041	58.8002	33.8993	4	0

12/8/2015	5:00:00	29.1979	41.5146	60.1312	57.3058	34.1035	4	0
12/8/2015	6:00:00	31.1848	44.5426	58.4271	56.7317	33.8993	4	0
12/8/2015	7:00:01	32.9711	46.7866	51.4966	41.9776	33.4908	4	0
12/8/2015	8:00:01	34.8493	49.7233	53.746	50.6976	33.8993	4	0
12/8/2015	9:00:00	35.95	49.8785	33.9599	27.2084	34.3077	4	0
12/8/2015	10:00:01	37.0254	48.5329	31.8942	33.326	34.3077	4	0
12/8/2015	11:00:01	38.7374	49.5294	47.4512	46.7013	34.3077	4	0
12/8/2015	12:00:00	40.3577	50.404	51.161	64.6233	33.8993	4	0
12/8/2015	13:00:00	41.385	50.1883	45.3935	34.9706	34.1035	4	0
12/8/2015	14:00:01	41.7829	48.5577	28.8223	27.6438	34.9203	4	0
12/8/2015	15:00:00	41.6451	46.5129	29.4308	33.6158	34.5119	4	0
12/8/2015	16:00:00	41.3682	43.5019	24.1079	34.4904	34.3077	4	0
12/8/2015	17:00:01	41.4313	40.564	26.5881	30.1241	34.1035	4	0
12/8/2015	18:00:01	41.2015	37.0007	17.2896	19.7338	34.7161	4	0
12/8/2015	19:00:00	41.418	35.0997	28.9527	32.9513	34.9203	4	0
12/8/2015	20:00:00	43.373	35.6511	59.0461	59.3394	33.4908	4	0
12/8/2015	21:00:01	44.3091	37.5958	58.9667	58.7798	34.1035	4	0
12/8/2015	22:00:01	44.7082	39.973	60.6652	60.3268	34.3077	4	0
12/8/2015	23:00:00	45.0323	39.8703	46.651	36.5998	34.3077	4	0
12/9/2015	0:00:00	44.633	38.5414	35.7293	31.4831	34.3077	4	0
12/9/2015	1:00:00	44.115	37.6539	33.7372	33.7075	34.1035	4	0
12/9/2015	2:00:01	43.1883	37.6401	29.8674	30.7161	34.7161	4	0
12/9/2015	3:00:01	41.9919	37.413	27.5633	24.1201	34.9203	4	0
12/9/2015	4:00:00	40.5222	37.4371	25.0341	27.8312	34.5119	4	0
12/9/2015	5:00:00	38.4646	36.5135	18.5747	18.2802	34.7161	4	0
12/9/2015	6:00:01	36.4473	36.1409	14.4758	15.6365	35.533	4	0
12/9/2015	7:00:01	34.7456	34.7888	13.6938	14.9968	35.1245	4	0
12/9/2015	8:00:00	32.9077	30.8507	11.1956	13.326	35.1245	4	0
12/9/2015	9:00:00	32.1088	27.135	12.2199	15.3218	34.9203	4	0
12/9/2015	10:00:00	31.5219	23.4065	13.4738	9.77995	34.7161	4	0
12/9/2015	11:00:01	30.1229	20.587	11.6285	8.6109	35.3287	4	0
12/9/2015	12:00:01	28.5774	18.6331	11.256	13.0847	35.3288	4	0
12/9/2015	13:00:00	27.5903	17.4413	18.3467	27.0113	34.3077	4	0
12/9/2015	14:00:00	27.2055	16.442	17.3813	12.021	34.9203	4	0
12/9/2015	15:00:01	26.9154	16.0861	23.8251	33.8171	34.7161	4	0
12/9/2015	16:00:01	26.9256	16.1265	26.1252	16.2397	35.1245	4	0

12/9/2015	17:00:00	26.2873	15.9065	17.7902	14.301	35.533	4	0
12/9/2015	18:00:00	26.1008	15.8487	14.2615	13.5706	35.1245	4	0
12/9/2015	19:00:01	25.7627	16.6383	24.2045	26.1565	36.1456	4	0
12/9/2015	20:00:01	23.9689	16.8254	12.7423	10.9089	35.3287	4	0
12/9/2015	21:00:00	23.5052	19.7689	47.7453	45.3336	35.3288	4	0
12/9/2015	22:00:00	23.2009	23.1241	54.495	38.4974	35.1245	4	0
12/9/2015	23:00:01	23.9319	27.411	62.4023	49.4465	35.9414	4	0
12/10/2015	0:00:01	24.7282	31.0642	55.8756	55.5299	35.7372	4	0
12/10/2015	1:00:00	25.9234	34.6798	60.5853	64.5934	35.7372	4	0
12/10/2015	2:00:00	25.9234	34.6798	60.5853	78.8338	35.533	4	0
12/10/2015	3:00:00	29.2076	42.5051	68.3137	57.0706	35.3287	4	0
12/10/2015	4:00:01	30.5026	44.9977	55.004	52.863	35.1245	4	0
12/10/2015	5:00:01	31.4855	47.0265	41.8524	46.3645	35.1245	4	0
12/10/2015	6:00:00	32.9401	49.8879	45.7832	45.3663	35.3288	4	0
12/10/2015	7:00:00	34.1074	51.2768	39.023	34.2069	34.9203	4	0
12/10/2015	8:00:01	34.9671	52.8535	31.0997	35.2209	35.3288	4	0
12/10/2015	9:00:01	36.5549	52.892	45.1128	47.2697	35.5329	4	0
12/10/2015	10:00:00	37.9883	52.2297	48.1735	44.1586	35.5329	4	0
12/10/2015	11:00:00	39.5817	50.9488	46.3781	40.9134	35.1245	4	0
12/10/2015	12:00:00	40.7687	49.3484	36.5954	37.6144	35.1245	4	0
12/10/2015	13:00:01	41.5492	47.1939	36.3047	38.2671	35.533	4	0
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12/10/2015	15:00:00	45.9216	48.2399	107.113	67.6989	35.1245	4	0
12/10/2015	16:00:00	45.8277	45.8597	31.142	19.8052	35.5329	4	0
12/10/2015	17:00:01	45.3676	43.2927	15.9047	12.9179	35.9414	4	0
12/10/2015	18:00:01	44.8133	39.8025	6.35816	3.6891	36.1456	4	0
12/10/2015	19:00:01	44.7756	38.5096	23.0767	33.3011	36.3498	4	0
12/10/2015	20:00:00	45.0172	37.5844	20.6046	12.8066	35.5329	4	0
12/10/2015	21:00:00	43.4279	34.7432	10.5545	12.074	36.7582	4	0
12/10/2015	22:00:01	41.7408	31.9913	14.2595	27.0475	36.1456	4	0
12/10/2015	23:00:01	39.6213	29.4598	16.7091	17.0596	35.9414	4	0
12/11/2015	0:00:00	37.7329	27.2914	8.84366	6.52893	36.554	4	0
12/11/2015	1:00:00	35.4359	24.8819	6.71379	7.58494	36.1456	4	0
12/11/2015	2:00:01	33.4952	22.9122	17.2561	25.6145	35.9414	4	0
12/11/2015	3:00:01	31.3301	15.6771	17.9304	15.454	35.9414	4	0
12/11/2015	4:00:01	29.5635	14.1663	12.4054	15.4292	35.7372	4	0

12/11/2015	5:00:00	28.162	13.9006	13.6888	22.186	36.554	4	0
12/11/2015	6:00:01	26.7405	14.628	16.2418	22.2848	37.3709	4	0
12/11/2015	7:00:00	26.2949	14.9997	26.9512	34.2437	37.3709	4	0
12/11/2015	8:00:00	27.0621	17.4299	49.5713	36.225	36.9624	4	0
12/11/2015	9:00:01	27.3065	20.3392	43.4906	52.7768	35.9414	4	0
12/11/2015	10:00:01	26.6277	21.516	26.8779	38.0065	36.554	4	0
12/11/2015	11:00:00	25.9963	22.3499	24.459	22.2567	36.3498	4	0
12/11/2015	12:00:01	25.6631	23.7685	24.3488	19.5554	36.7582	4	0
12/11/2015	13:00:00	25.2303	25.2714	24.2382	28.2563	36.554	4	0
12/11/2015	14:00:00	25.2152	27.2574	41.7166	29.2636	36.9624	4	0
12/11/2015	15:00:00	21.7659	27.6628	23.0826	20.4119	36.554	4	0
12/11/2015	16:00:01	21.3854	28.4906	23.8436	24.7854	36.9624	4	0
12/11/2015	17:00:01	21.5572	29.04	21.5785	17.9067	37.1667	4	0
12/11/2015	18:00:00	21.9985	29.0337	15.5912	12.4436	36.3498	4	0
12/11/2015	19:00:00	21.9008	28.4391	19.9653	28.865	36.7582	4	0
12/11/2015	20:00:01	21.9897	26.1183	23.7622	25.3503	36.1456	4	0
12/11/2015	21:00:01	22.6302	24.5906	25.8895	30.887	36.9624	4	0
12/11/2015	22:00:00	22.6302	24.5906	25.8895	30.675	36.554	4	0
12/11/2015	23:00:00	24.1559	25.8678	31.6037	33.1669	36.9624	4	0
12/12/2015	0:00:01	24.8894	26.09	27.455	24.1622	37.3709	4	0
12/12/2015	1:00:01	25.6256	26.0988	24.0252	28.2195	37.3709	4	0
12/12/2015	2:00:00	25.8911	24.5667	22.7153	24.4512	36.9624	4	0
12/12/2015	3:00:01	26.203	24.7345	24.619	30.4186	37.3709	4	0
12/12/2015	4:00:01	28.3784	28.094	63.8803	65.5963	36.9624	4	0
12/12/2015	5:00:00	29.9309	30.5721	51.757	46.9353	37.1667	4	0
12/12/2015	6:00:00	31.0645	32.9756	45.1191	50.1391	37.9835	4	0
12/12/2015	7:00:01	31.8763	35.2586	47.6132	46.1555	37.1667	4	0
12/12/2015	8:00:01	31.5896	37.0033	45.4438	52.922	37.5751	4	0
12/12/2015	9:00:01	30.8414	37.1238	28.8503	31.7337	37.9835	4	0
12/12/2015	10:00:00	31.6487	38.0961	45.8083	45.6174	37.7793	4	0
12/12/2015	11:00:00	32.324	38.8458	40.2179	53.0598	37.9835	4	0
12/12/2015	12:00:01	32.7105	39.3211	32.5635	17.7137	38.1877	4	0
12/12/2015	13:00:01	32.5268	38.8841	17.3748	20.5401	37.7793	4	0
12/12/2015	14:00:00	31.492	38.4001	17.0429	20.7085	37.9835	4	0
12/12/2015	15:00:00	31.4539	38.1774	21.5718	18.959	37.7793	4	0
12/12/2015	16:00:01	31.5066	34.9685	25.3263	26.7085	37.7793	4	0

12/12/2015	17:00:01	31.7009	32.8695	26.6334	27.8005	37.7793	4	0
12/12/2015	18:00:01	32.311	31.6675	31.0807	35.561	38.1877	4	0
12/12/2015	19:00:00	32.725	30.2277	30.6347	29.1616	37.9835	4	0
12/12/2015	20:00:00	32.8318	28.5777	25.1728	26.7872	38.1877	4	0
12/12/2015	21:00:01	32.6117	27.9468	21.9334	22.8593	38.3919	4	0
12/12/2015	22:00:01	33.465	28.273	46.6494	59.9779	37.9835	4	0
12/12/2015	23:00:00	35.8824	32.3943	90.4047	73.2599	38.5961	4	0
12/13/2015	0:00:00	36.5489	33.3371	44.6194	36.2008	37.7793	4	0
12/13/2015	1:00:00	38.6387	37.9816	72.2721	82.0173	37.5751	4	0
12/13/2015	2:00:01	40.9248	42.993	76.8891	72.8559	37.3709	4	0
12/13/2015	3:00:01	43.0814	47.564	76.6631	83.5325	38.1877	4	0
12/13/2015	4:00:00	43.6056	51.8772	77.7173	71.4968	38.3919	4	0
12/13/2015	5:00:00	43.7617	54.3092	56.2363	53.942	37.9835	4	0
12/13/2015	6:00:01	44.8726	57.7182	72.447	79.3058	38.3919	4	0
12/13/2015	7:00:01	45.0992	59.6199	54.2552	82.5263	38.3919	4	0
12/13/2015	8:00:00	46.2518	63.6015	72.1733	58.2126	38.5961	4	0
12/13/2015	9:00:00	46.7417	65.1911	41.7105	55.5173	38.3919	4	0
12/13/2015	10:00:01	46.8993	65.4682	49.3365	53.5258	39.2088	4	0
12/13/2015	11:00:01	47.4451	62.3895	53.2298	62.0201	38.5961	4	0
12/13/2015	12:00:00	48.9884	64.3402	64.7806	78.1583	37.9835	4	0
12/13/2015	13:00:00	51.0291	63.9497	70.3729	81.3042	38.3919	4	0
12/13/2015	14:00:01	53.3232	63.5644	72.6319	81.5793	38.5961	4	0
12/13/2015	15:00:01	54.6726	61.5765	51.4566	41.7306	38.1877	4	0
12/13/2015	16:00:01	55.0012	58.0141	37.2569	37.453	38.3919	4	0
12/13/2015	17:00:00	55.4479	56.4169	36.7297	36.4925	38.3919	4	0
12/13/2015	18:00:00	55.3243	52.7553	28.9082	33.7303	38.8004	4	0
12/13/2015	19:00:01	55.3712	50.6501	26.765	22.6219	38.8004	4	0
12/13/2015	20:00:01	54.9565	45.9394	16.4289	16.5739	38.5961	4	0
12/13/2015	21:00:00	54.9565	45.9394	16.4289	18.2305	38.8004	4	0
12/13/2015	22:00:00	53.6917	41.1102	15.3277	18.5512	38.8004	4	0
12/13/2015	23:00:01	50.8792	38.5324	22.1299	25.2036	37.9835	4	0
12/14/2015	0:00:01	50.0113	35.1105	24.117	14.0252	37.9835	4	0
12/14/2015	1:00:00	47.68	30.5203	15.5928	12.9233	38.1877	4	0
12/14/2015	2:00:00	45.1237	25.538	12.851	16.2112	38.3919	4	0
12/14/2015	3:00:01	42.6386	22.8081	19.7828	7.79879	37.9835	4	0
12/14/2015	4:00:01	40.6629	22.4543	34.1808	58.0653	38.8004	4	0

12/14/2015	5:00:01	40.0978	23.272	48.0828	49.2829	39.0046	4	0
12/14/2015	6:00:00	38.8466	24.5122	44.3045	34.3209	38.5961	4	0
12/14/2015	7:00:00	37.177	23.6929	17.9315	17.5187	38.5961	4	0
12/14/2015	8:00:01	34.1395	22.6635	6.05924	4.67206	39.0046	4	0
12/14/2015	9:00:01	32.7924	22.1141	8.07897	5.5323	38.5961	4	0
12/14/2015	10:00:00	30.9797	21.4209	7.3427	6.46202	39.0046	4	0
12/14/2015	11:00:00	28.9942	19.9783	4.04785	4.52665	39.0046	4	0
12/14/2015	12:00:00	26.4979	18.5288	7.31895	9.55691	39.413	4	0
12/14/2015	13:00:01	24.0185	17.9813	7.88034	5.63695	38.8004	4	0
12/14/2015	14:00:01	21.3274	17.6382	8.93888	8.00044	39.0046	4	0
12/14/2015	15:00:00	19.393	16.4617	5.71391	3.63677	39.413	4	0
12/14/2015	16:00:00	18.0684	14.1632	6.30649	5.98704	39.6172	4	0
12/14/2015	17:00:01	16.7168	10.7006	6.2896	5.68128	39.6172	4	0
12/14/2015	18:00:01	15.7501	7.56028	5.63489	6.16503	39.6172	4	0
12/14/2015	19:00:00	14.7288	6.32319	2.91517	1.45514	39.6172	4	0
12/14/2015	20:00:01	14.2038	6.19311	4.59437	5.78742	40.0256	4	0
12/14/2015	21:00:00	13.7782	5.97376	5.43244	5.81116	38.8004	4	0
12/14/2015	22:00:01	13.3533	5.71464	4.04724	3.45994	39.413	4	0
12/14/2015	23:00:01	12.6305	5.76462	4.71629	7.84844	40.0256	4	0
12/15/2015	0:00:00	11.8821	5.63971	5.79353	3.52567	39.6172	4	0
12/15/2015	1:00:00	11.4557	5.40062	4.87557	6.13746	39.8214	4	0
12/15/2015	2:00:00	11.18	5.17848	6.15105	6.35189	39.8214	4	0
12/15/2015	3:00:01	10.6043	5.14964	5.32074	3.95082	39.413	4	0
12/15/2015	4:00:01	9.35117	4.89098	3.21701	4.34454	40.0256	4	0
12/15/2015	5:00:00	7.60298	4.70433	3.99469	4.68894	40.2298	4	0
12/15/2015	6:00:00	6.00229	4.56531	3.93627	2.9229	40.4341	4	0
12/15/2015	7:00:01	5.42935	4.61099	3.47143	2.74313	40.4341	4	0
12/15/2015	8:00:01	5.36962	4.60699	4.52453	4.84116	40.0256	4	0
12/15/2015	9:00:01	5.258	4.58453	5.09729	5.5199	39.8214	4	0
12/15/2015	10:00:00	5.2652	4.86025	7.33541	8.00323	40.0256	4	0
12/15/2015	11:00:00	5.42506	5.12149	7.81993	7.64645	40.6383	4	0
12/15/2015	12:00:01	5.40584	5.19065	6.51701	10.9316	39.8214	4	0
12/15/2015	13:00:01	5.48159	5.58375	9.63693	8.16354	40.6383	4	0
12/15/2015	14:00:00	5.75885	6.3523	15.3346	18.3726	40.6383	4	0
12/15/2015	15:00:01	6.11193	7.08128	14.0034	12.0067	40.2298	4	0
12/15/2015	16:00:01	6.31937	7.74601	11.2135	10.4855	40.8425	4	0

12/15/2015	17:00:01	6.56523	8.42466	12.2181	10.659	40.6383	4	0
12/15/2015	18:00:00	6.7332	8.89618	9.57587	7.00994	39.413	4	0
12/15/2015	19:00:00	6.93485	9.25527	7.87426	4.38059	40.2298	4	0
12/15/2015	20:00:01	6.99777	9.3835	6.02671	9.95005	40.8425	4	0
12/15/2015	21:00:01	7.28216	9.97616	12.1552	8.73681	40.0256	4	0
12/15/2015	22:00:00	7.60105	10.3376	11.6669	10.7913	40.2298	4	0
12/15/2015	23:00:00	8.02334	10.923	14.9278	17.6897	40.6383	4	0
12/16/2015	0:00:01	8.61531	12.0365	19.5078	13.8831	40.6383	4	0
12/16/2015	1:00:01	8.94499	12.2948	12.711	11.4148	39.6172	4	0
12/16/2015	2:00:01	9.14649	11.9276	10.9613	13.3938	39.413	4	0
12/16/2015	3:00:00	9.31358	11.5289	9.08325	10.6637	39.6172	4	0
12/16/2015	4:00:01	9.66496	11.569	11.8631	14.3681	39.8214	4	0
12/16/2015	5:00:01	10.158	11.8568	15.5419	9.11648	40.2298	4	0
12/16/2015	6:00:00	10.4379	11.9402	10.5539	15.8598	39.413	4	0
12/16/2015	7:00:00	10.714	12.1099	9.74376	6.73166	39.6172	4	0
12/16/2015	8:00:00	11.0256	12.5806	11.2628	15.2283	40.0256	4	0
12/16/2015	9:00:01	12.4393	14.7711	37.9381	50.2789	39.2088	4	0
12/16/2015	10:00:01	13.4779	16.4627	31.7947	32.7775	40.2298	4	0
12/16/2015	11:00:00	14.0444	16.911	19.1011	19.8906	40.0256	4	0
12/16/2015	12:00:00	14.638	16.9402	19.587	19.9443	39.2088	4	0
12/16/2015	13:00:01	14.9804	17.3599	18.0182	23.2747	39.2088	4	0
12/16/2015	14:00:00	14.4318	16.7122	4.67505	6.41243	39.8214	4	0
12/16/2015	15:00:00	14.2513	16.8184	11.2917	14.6756	39.8214	4	0
12/16/2015	16:00:01	14.3149	16.9678	15.178	10.2341	40.0256	4	0
12/16/2015	17:00:01	14.0601	16.2373	7.82169	6.21825	40.0256	4	0
12/16/2015	18:00:00	13.8173	15.7342	5.55639	6.16536	40.0256	4	0
12/16/2015	19:00:00	13.7758	15.4845	6.44522	9.96978	40.2298	4	0
12/16/2015	20:00:01	13.6686	14.8716	4.29113	5.44189	40.2298	4	0
12/16/2015	21:00:01	13.3216	12.1067	4.37568	7.59877	40.4341	4	0
12/16/2015	22:00:01	12.9359	9.79037	3.84678	1.29673	40.4341	4	0
12/16/2015	23:00:00	12.5151	8.61925	4.313	3.35297	40.0256	4	0
12/17/2015	0:00:00	11.8737	7.43029	4.86235	2.8973	40.2298	4	0
12/17/2015	1:00:00	11.5521	6.38174	4.73625	5.04071	41.0467	4	0
12/17/2015	2:00:00	11.3259	6.46336	5.63239	3.1002	40.8425	4	0
12/17/2015	3:00:01	11.1201	5.90138	4.31834	10.4068	40.4341	4	0
12/17/2015	4:00:01	10.7177	4.91587	3.16688	2.52335	40.4341	4	0

12/17/2015	5:00:01	10.2926	4.71699	5.33958	8.68423	41.6593	4	0
12/17/2015	6:00:00	10.0974	4.74647	5.87751	11.3442	41.2509	4	0
12/17/2015	7:00:00	10.1192	5.03385	9.7788	32.2003	41.2509	4	0
12/17/2015	8:00:01	10.2075	5.75444	12.8785	14.4467	40.8425	4	0
12/17/2015	9:00:01	9.02807	6.09942	8.52121	5.74147	40.6383	4	0
12/17/2015	10:00:00	8.261	6.80382	12.2971	11.7864	41.0467	4	0
12/17/2015	11:00:00	7.92313	7.29673	10.2064	8.65299	41.2509	4	0
12/17/2015	12:00:01	7.64825	7.90234	12.1106	17.9217	40.8425	4	0
12/17/2015	13:00:01	7.62514	8.89215	16.496	25.7351	41.2509	4	0
12/17/2015	14:00:01	7.89449	9.34291	10.9597	15.4168	40.8425	4	0
12/17/2015	15:00:00	7.85171	9.81539	10.0589	21.3249	40.4341	4	0
12/17/2015	16:00:00	7.88213	10.8509	15.8056	13.5708	40.8425	4	0
12/17/2015	17:00:01	8.05651	11.397	11.9825	18.184	41.4551	4	0
12/17/2015	18:00:01	8.28398	11.8273	11.4284	9.73154	41.2509	4	0
12/17/2015	19:00:00	8.55853	12.0919	12.837	22.7126	40.8425	4	0
12/17/2015	20:00:00	8.84907	11.9631	11.4031	15.7521	41.2509	4	0
12/17/2015	21:00:00	9.0983	12.1242	10.6818	7.18692	41.8635	4	0
12/17/2015	22:00:01	9.32376	11.875	9.19369	14.3649	41.4551	4	0
12/17/2015	23:00:01	9.46025	11.6612	7.61831	12.2448	41.6593	4	0
12/18/2015	0:00:00	9.57219	11.2796	7.34586	4.23267	41.4551	4	0
12/18/2015	1:00:00	9.63566	10.4484	6.5915	1.68502	42.0678	4	0
12/18/2015	2:00:01	9.7081	10.1651	7.60534	11.8962	42.272	4	0
12/18/2015	3:00:01	9.80352	9.89964	6.96853	8.46237	41.8635	4	0
12/18/2015	4:00:00	9.80352	9.89964	6.96853	4.55768	41.8635	4	0
12/18/2015	5:00:00	9.91577	8.52767	6.72284	4.93084	42.4762	4	0
12/18/2015	6:00:01	9.94349	8.13657	6.76381	4.03287	42.272	4	0
12/18/2015	7:00:01	10.1993	8.42075	16.3114	41.7313	41.8635	4	0
12/18/2015	8:00:00	10.1671	8.50951	12.6123	6.32354	42.8846	4	0
12/18/2015	9:00:00	10.3972	8.76456	13.4908	18.0173	42.4762	4	0
12/18/2015	10:00:00	10.6061	9.41614	16.8332	23.0455	42.0678	4	0
12/18/2015	11:00:01	10.7746	9.92363	13.3474	10.0363	41.6593	4	0
12/18/2015	12:00:00	10.9518	10.6163	15.1483	7.33165	41.4551	4	0
12/18/2015	13:00:00	10.9609	11.4272	16.0726	13.2593	41.0467	4	0
12/18/2015	14:00:00	11.1256	11.9904	13.8912	17.5494	41.4551	4	0
12/18/2015	15:00:01	11.9986	13.982	30.8306	30.2124	40.6383	4	0
12/18/2015	16:00:01	12.5809	16.1248	30.2601	15.6055	41.4551	4	0

12/18/2015	17:00:00	12.5152	16.4259	10.296	11.3238	41.0467	4	0
12/18/2015	18:00:00	12.5783	16.9476	13.2891	12.2049	41.4551	4	0
12/18/2015	19:00:00	12.7673	17.0497	18.577	29.4515	41.6593	4	0
12/18/2015	20:00:01	12.7436	16.9082	11.6192	15.8948	41.4551	4	0
12/18/2015	21:00:01	13.164	17.5256	21.5315	12.3778	41.8635	4	0
12/18/2015	22:00:00	13.3099	17.2263	14.6318	15.2274	42.0678	4	0
12/18/2015	23:00:00	13.5588	17.2807	14.6594	7.84684	42.272	4	0
12/19/2015	0:00:01	13.9345	17.4353	17.654	19.688	42.8846	4	0
12/19/2015	1:00:01	14.0862	16.9924	10.8128	9.16696	43.293	4	0
12/19/2015	2:00:01	14.1489	16.6469	9.91381	15.3877	43.7015	4	0
12/19/2015	3:00:00	14.2408	14.9366	9.38722	4.63154	43.4972	4	0
12/19/2015	4:00:01	14.4834	13.3479	10.2702	12.2176	43.293	4	0
12/19/2015	5:00:01	14.6162	13.3698	10.6214	20.3552	44.3141	4	0
12/19/2015	6:00:00	14.725	13.1	9.88764	6.28712	43.4973	4	0
12/19/2015	7:00:00	14.8823	13.2584	19.9902	37.8792	44.1099	4	0
12/19/2015	8:00:00	14.9616	13.4998	14.1549	25.013	43.7015	4	0
12/19/2015	9:00:01	15.0438	12.9847	14.4848	22.3178	43.7015	4	0
12/19/2015	10:00:01	15.1723	13.3493	18.2353	30.3486	42.8846	4	0
12/19/2015	11:00:00	15.1723	13.3493	18.2353	7.98641	43.7015	4	0
12/19/2015	12:00:00	15.1228	12.7815	12.4442	10.3951	43.0888	4	0
12/19/2015	13:00:00	15.0687	13.0182	13.195	20.6508	43.0888	4	0
12/19/2015	14:00:01	14.9686	13.056	9.93874	14.2274	42.8846	4	0
12/19/2015	15:00:01	14.3322	13.4824	14.3706	11.066	42.4762	4	0
12/19/2015	16:00:00	13.479	13.3978	9.5201	8.17202	43.0888	4	0
12/19/2015	17:00:00	13.3346	13.0818	7.30475	20.7559	42.4762	4	0
12/19/2015	18:00:01	13.5371	13.7871	19.0366	10.3221	43.0888	4	0
12/19/2015	19:00:01	13.6719	13.9202	22.2916	20.8754	43.293	4	0
12/19/2015	20:00:01	14.1892	14.7053	23.644	36.7438	42.8846	4	0
12/19/2015	21:00:01	14.3942	15.604	24.6497	35.6881	43.0888	4	0
12/19/2015	22:00:01	14.9508	16.4117	28.3549	20.7204	43.0888	4	0
12/19/2015	23:00:00	14.8693	16.4546	12.4047	17.4663	43.293	4	0
12/20/2015	0:00:00	14.9975	17.1326	20.3699	8.68657	43.0888	4	0
12/20/2015	1:00:01	15.3817	17.5894	16.8409	35.5599	42.4762	4	0
12/20/2015	2:00:01	16.6763	20.1767	40.8982	39.4493	42.0678	4	0
12/20/2015	3:00:00	18.2313	22.8806	46.9693	57.5002	41.8635	4	0
12/20/2015	4:00:00	19.9249	26.2922	49.3925	58.0643	40.8425	4	0

12/20/2015	5:00:01	21.6172	29.9574	50.9786	54.0946	41.6593	4	0
12/20/2015	6:00:01	23.3084	32.5584	50.3191	49.8968	41.6593	4	0
12/20/2015	7:00:01	24.2071	34.1648	41.607	43.1631	41.8635	4	0
12/20/2015	8:00:00	25.701	36.315	48.8889	50.3236	41.8635	4	0
12/20/2015	9:00:00	27.0802	38.0986	42.9756	49.385	41.4551	4	0
12/20/2015	10:00:01	28.6539	40.3264	54.2783	48.7354	41.6593	4	0
12/20/2015	11:00:01	29.9422	42.7317	37.1948	43.929	41.6593	4	0
12/20/2015	12:00:02	31.541	45.1923	49.2076	55.2923	41.2509	4	0
12/20/2015	13:00:00	33.0377	47.831	47.3955	70.388	41.2509	4	0
12/20/2015	14:00:00	34.701	48.4215	48.2558	44.3568	41.2509	4	0
12/20/2015	15:00:01	35.5318	47.3157	37.3785	38.4545	41.4551	4	0
12/20/2015	16:00:00	36.59	46.0416	36.9243	35.8783	40.8425	4	0
12/20/2015	17:00:00	37.7503	44.6881	37.8333	37.3481	41.2509	4	0
12/20/2015	18:00:00	38.4291	43.3235	34.3599	35.3569	41.8635	4	0
12/20/2015	19:00:01	39.2576	43.3725	43.441	55.3702	42.0678	4	0
12/20/2015	20:00:00	40.0909	42.99	46.2944	39.5456	41.0467	4	0
12/20/2015	21:00:01	40.4215	42.0895	31.8932	29.9755	41.2509	4	0
12/20/2015	22:00:01	40.522	40.1798	31.9662	27.7931	41.8635	4	0
12/20/2015	23:00:00	41.1021	39.3284	27.348	27.2502	41.6593	4	0
12/21/2015	0:00:00	41.1314	37.2814	26.6901	27.9129	41.4551	4	0
12/21/2015	1:00:01	41.3284	35.2548	23.1427	22.3078	42.272	4	0
12/21/2015	2:00:01	40.418	33.0771	22.3493	24.216	42.0678	4	0
12/21/2015	3:00:02	39.5519	32.1349	24.498	33.6097	41.2509	4	0
12/21/2015	4:00:00	38.7532	31.6166	29.8224	29.1628	41.4551	4	0
12/21/2015	5:00:00	37.905	31.012	29.5974	36.5375	41.4551	4	0
12/21/2015	6:00:01	36.9946	30.5676	28.4029	29.9713	41.6593	4	0
12/21/2015	7:00:01	36.3762	29.2236	27.0172	23.6762	41.6593	4	0
12/21/2015	8:00:00	36.3762	29.2236	27.0172	22.3784	41.6593	4	0
12/21/2015	9:00:00	34.3153	26.2577	15.3999	17.658	41.2509	4	0
12/21/2015	10:00:01	32.6778	24.7698	13.3332	12.4192	41.4551	4	0
12/21/2015	11:00:01	31.7168	23.6074	13.1563	12.9049	41.4551	4	0
12/21/2015	12:00:01	30.0527	22.1064	8.71027	8.02808	41.0467	4	0
12/21/2015	13:00:00	28.621	21.1197	10.7817	20.5143	40.8425	4	0
12/21/2015	14:00:00	26.9018	19.9286	9.14517	7.55112	42.0677	4	0
12/21/2015	15:00:01	25.4728	18.3283	6.89647	5.89144	42.272	4	0
12/21/2015	16:00:01	24.1186	16.2762	5.93745	5.64144	41.2509	4	0

12/21/2015	17:00:00	22.7649	14.305	6.34989	7.34295	41.0467	4	0
12/21/2015	18:00:00	21.5571	12.5555	8.18558	11.0066	41.8635	4	0
12/21/2015	19:00:01	20.0689	11.0516	9.25289	9.08713	42.6804	4	0
12/21/2015	20:00:01	18.5023	9.63836	9.60131	10.9724	42.8846	4	0
12/21/2015	21:00:01	17.5923	9.24466	10.681	12.3643	42.6804	4	0
12/21/2015	22:00:00	16.7356	9.13906	12.0556	16.2335	42.6804	4	0
12/21/2015	23:00:00	16.2392	9.33254	15.2605	20.239	42.8846	4	0
12/22/2015	0:00:01	16.1107	10.6119	24.0532	20.9172	42.8846	4	0
12/22/2015	1:00:01	15.6216	10.7184	12.0233	11.7638	42.6804	4	0
12/22/2015	2:00:00	15.105	10.8544	10.9116	11.4147	43.293	4	0
12/22/2015	3:00:00	14.4148	10.9428	7.93399	7.15935	42.272	4	0
12/22/2015	4:00:01	13.4491	10.9773	6.29046	4.18102	42.6804	4	0
12/22/2015	5:00:01	12.471	10.942	5.97908	5.7151	43.4972	4	0
12/22/2015	6:00:00	11.5345	10.7346	5.75515	5.03868	42.8846	4	0
12/22/2015	7:00:00	10.6388	10.3921	5.10505	6.72545	43.0888	4	0
12/22/2015	8:00:01	9.75454	10.0042	4.98342	7.05335	42.8846	4	0
12/22/2015	9:00:01	9.41471	9.70174	6.97543	6.60362	43.293	4	0
12/22/2015	10:00:01	9.26516	9.49251	9.42396	11.4783	43.4973	4	0
12/22/2015	11:00:00	9.3482	9.46431	14.6882	13.1004	43.293	4	0
12/22/2015	12:00:00	9.69555	8.88399	16.7768	30.3507	43.0888	4	0
12/22/2015	13:00:01	10.4148	10.1907	27.5332	24.3891	43.293	4	0
12/22/2015	14:00:01	11.226	11.625	27.823	33.3002	43.293	4	0
12/22/2015	15:00:00	12.5489	14.1521	37.9575	42.4229	43.293	4	0
12/22/2015	16:00:00	13.2276	15.4904	22.6292	13.5991	43.4972	4	0
12/22/2015	17:00:01	13.4871	16.0276	12.328	11.5051	43.4972	4	0
12/22/2015	18:00:01	13.6055	16.4491	10.6568	9.51816	42.6804	4	0
12/22/2015	19:00:01	13.7094	16.9833	11.3098	12.4911	43.0888	4	0
12/22/2015	20:00:00	13.9386	17.7936	14.1381	18.1117	43.4972	4	0
12/22/2015	21:00:00	14.1131	18.436	14.5562	14.9319	43.293	4	0
12/22/2015	22:00:01	14.3383	19.0881	17.1199	18.6278	43.293	4	0
12/22/2015	23:00:01	14.3462	19.119	14.7567	16.2151	42.8846	4	0
12/23/2015	0:00:00	13.9194	18.8355	12.9564	15.028	43.293	4	0
12/23/2015	1:00:00	14.0943	17.816	14.7719	14.1096	42.4762	4	0
12/23/2015	2:00:01	14.3155	16.8064	16.0926	29.0426	42.6804	4	0
12/23/2015	3:00:01	14.9073	15.439	22.2694	20.6943	42.4762	4	0
12/23/2015	4:00:00	15.1536	14.4777	10.9054	8.85255	42.6804	4	0

12/23/2015	5:00:00	15.497	14.6035	13.9099	15.3894	42.4762	4	0
12/23/2015	6:00:01	15.8188	14.7596	12.082	15.308	42.4762	4	0
12/23/2015	7:00:01	16.0732	14.6801	10.0891	10.169	42.6804	4	0
12/23/2015	8:00:00	16.0732	14.6801	10.0891	5.20952	42.4762	4	0
12/23/2015	9:00:00	16.4344	13.8234	9.70278	9.64453	42.4762	4	0
12/23/2015	10:00:00	16.8979	13.9151	17.5341	35.962	41.4551	4	0
12/23/2015	11:00:01	17.6426	15.3566	32.1876	54.9058	41.6593	4	0
12/23/2015	12:00:00	18.5489	17.5418	39.7649	43.0299	41.8635	4	0
12/23/2015	13:00:00	18.96	19.4842	38.1369	13.4994	41.6593	4	0
12/23/2015	14:00:00	18.4526	19.5237	16.9335	18.0236	42.272	4	0
12/23/2015	15:00:01	17.5015	19.0537	17.5654	19.8589	41.6593	4	0
12/23/2015	16:00:01	17.8796	20.8556	32.6194	41.7169	41.8635	4	0
12/23/2015	17:00:00	19.0805	23.1624	42.3009	60.3355	41.8635	4	0
12/23/2015	18:00:00	20.6344	26.1713	48.5003	47.1259	41.4551	4	0
12/23/2015	19:00:01	21.4101	27.8344	29.8326	25.41	42.0678	4	0
12/23/2015	20:00:01	21.585	28.7276	19.401	22.1503	42.272	4	0
12/23/2015	21:00:01	21.3495	28.8548	15.4216	34.9818	42.6804	4	0
12/23/2015	22:00:00	20.6128	27.6456	9.48912	5.52158	43.4972	4	0
12/23/2015	23:00:00	20.1285	25.3959	5.86145	7.21749	43.0888	4	0
12/24/2015	0:00:01	19.7728	22.5801	4.63142	3.85782	43.293	4	0
12/24/2015	1:00:01	19.3182	19.9123	5.50365	6.29063	43.4973	4	0
12/24/2015	2:00:00	18.9356	19.1819	8.21663	8.35852	43.293	4	0
12/24/2015	3:00:00	18.287	18.3936	8.25499	6.65805	43.4972	4	0
12/24/2015	4:00:01	17.9998	16.1897	5.05915	6.25335	43.4972	4	0
12/24/2015	5:00:01	17.7016	13.4536	7.61906	7.576	44.3141	4	0
12/24/2015	6:00:01	17.3884	10.0492	5.12562	4.07898	43.9057	4	0
12/24/2015	7:00:00	17.1747	8.1801	5.91137	9.46565	43.9057	4	0
12/24/2015	8:00:00	17.5226	8.03116	16.5523	12.205	44.5183	4	0
12/24/2015	9:00:01	17.5381	7.55274	8.89387	7.74121	43.4972	4	0
12/24/2015	10:00:01	17.206	7.47892	8.36111	8.63518	44.3141	4	0
12/24/2015	11:00:00	17.206	7.47892	8.36111	1.95053	44.3141	4	0
12/24/2015	12:00:00	15.3803	8.56069	15.0958	10.078	43.9057	4	0
12/24/2015	13:00:01	14.4123	9.16803	12.7465	19.2447	44.3141	4	0
12/24/2015	14:00:01	15.1366	11.2144	32.4443	32.4211	44.1099	4	0
12/24/2015	15:00:00	15.3103	12.2835	21.1558	6.65524	43.9057	4	0
12/24/2015	16:00:00	14.3722	12.576	8.71031	7.47654	43.9057	4	0

12/24/2015	17:00:01	12.9893	12.4986	6.60184	8.38495	43.9057	4	0
12/24/2015	18:00:01	11.3131	12.5337	5.43592	3.16998	44.3141	4	0
12/24/2015	19:00:00	10.4152	12.5998	6.7371	10.1136	43.7015	4	0
12/24/2015	20:00:00	10.03	11.9896	9.61566	9.77485	43.9057	4	0
12/24/2015	21:00:01	9.69036	11.8081	6.84788	6.53192	44.3141	4	0
12/24/2015	22:00:01	9.57623	11.6734	7.09348	6.63966	43.9057	4	0
12/24/2015	23:00:00	9.62155	11.5914	7.55263	6.59013	44.3141	4	0
12/25/2015	0:00:01	9.75367	10.9819	7.60305	7.82983	44.5183	4	0
12/25/2015	1:00:01	9.88777	10.6364	8.3859	10.0014	43.7015	4	0
12/25/2015	2:00:00	9.89019	8.63414	8.14896	7.43443	44.1099	4	0
12/25/2015	3:00:00	9.83046	7.46937	7.17043	4.83999	44.3141	4	0
12/25/2015	4:00:01	9.8137	7.19095	5.60825	4.93404	44.7225	4	0
12/25/2015	5:00:01	9.7192	7.14514	6.29025	6.28878	44.5183	4	0
12/25/2015	6:00:01	9.85358	7.36749	7.93612	9.25998	44.1099	4	0
12/25/2015	7:00:00	9.94573	7.52753	8.79341	10.8085	44.9267	4	0
12/25/2015	8:00:00	9.7803	7.80482	12.9831	9.03996	44.7225	4	0
12/25/2015	9:00:01	10.1112	8.52128	14.6358	11.0854	43.4973	4	0
12/25/2015	10:00:01	10.2473	8.85227	10.6966	9.91664	44.3141	4	0
12/25/2015	11:00:00	10.1201	8.62592	4.71343	2.14881	44.7225	4	0
12/25/2015	12:00:00	9.69527	8.3803	4.54479	8.5551	44.9267	4	0
12/25/2015	13:00:00	9.31588	7.98039	3.58598	4.64501	44.5183	4	0
12/25/2015	14:00:01	8.19998	7.73795	5.07138	9.15502	44.3141	4	0
12/25/2015	15:00:01	7.59091	7.69377	6.84552	4.59878	45.1309	4	0
12/25/2015	16:00:00	7.56657	7.91988	8.60982	12.2543	44.9267	4	0
12/25/2015	17:00:00	7.52947	7.89623	6.45479	5.53252	45.5394	4	0
12/25/2015	18:00:01	7.67389	7.98115	9.07447	7.73199	45.1309	4	0
12/25/2015	19:00:01	7.56498	7.57173	3.76405	4.16154	43.9057	4	0
12/25/2015	20:00:00	7.34153	6.83826	4.39501	4.05332	44.9267	4	0
12/25/2015	21:00:00	7.26367	6.05588	5.33566	4.64388	45.1309	4	0
12/25/2015	22:00:01	7.27719	5.77856	7.2226	7.97818	44.3141	4	0
12/25/2015	23:00:01	7.23996	5.9356	6.55759	7.17245	44.5183	4	0
12/26/2015	0:00:00	7.13215	5.94252	4.4149	4.70867	44.1099	4	0
12/26/2015	1:00:00	6.99097	6.05618	4.94039	6.2473	44.9267	4	0
12/26/2015	2:00:01	7.04272	6.40232	9.10458	8.98675	44.7225	4	0
12/26/2015	3:00:01	7.03688	6.40732	6.78143	5.37448	44.5183	4	0
12/26/2015	4:00:01	7.10491	6.29627	7.28338	4.82077	44.3141	4	0

12/26/2015	5:00:00	7.1244	6.31525	6.6497	6.35567	44.3141	4	0
12/26/2015	6:00:00	7.11319	6.18233	7.44036	5.03532	44.7225	4	0
12/26/2015	7:00:01	7.06126	6.49063	7.35412	7.21843	44.3141	4	0
12/26/2015	8:00:01	6.78102	6.66117	6.43379	10.8217	44.9267	4	0
12/26/2015	9:00:01	6.51751	6.9162	8.44428	8.23472	44.3141	4	0
12/26/2015	10:00:00	6.52527	7.22699	11.165	10.7904	44.3141	4	0
12/26/2015	11:00:00	6.55162	7.10903	5.001	3.68852	44.3141	4	0
12/26/2015	12:00:01	6.66123	7.33671	7.14997	8.35179	44.9267	4	0
12/26/2015	13:00:01	6.83145	7.555	7.47361	10.0207	44.7225	4	0
12/26/2015	14:00:00	6.98331	7.5084	8.52843	10.3015	44.3141	4	0
12/26/2015	15:00:00	7.06817	7.68469	8.9937	11.111	44.9267	4	0
12/26/2015	16:00:01	7.01072	7.67596	7.1543	5.7048	44.9267	4	0
12/26/2015	17:00:01	7.03534	7.71144	7.13196	8.00994	44.7225	4	0
12/26/2015	18:00:01	7.02032	7.82474	8.8346	13.5413	44.3141	4	0
12/26/2015	19:00:00	7.24559	7.97347	9.15176	5.14211	44.3141	4	0
12/26/2015	20:00:00	7.51562	8.34877	11.0288	8.51098	44.9267	4	0
12/26/2015	21:00:01	7.48987	8.05272	5.10208	1.42029	44.5183	4	0
12/26/2015	22:00:01	7.38367	7.52021	4.87966	8.42729	45.1309	4	0
12/26/2015	23:00:00	7.46288	7.81794	8.62033	5.98144	44.7225	4	0
12/27/2015	0:00:00	7.48242	7.63962	5.11459	6.06349	45.1309	4	0
12/27/2015	1:00:00	7.43587	7.3461	4.00761	2.43083	44.9267	4	0
12/27/2015	2:00:01	7.22367	6.98038	4.12158	3.82403	44.5183	4	0
12/27/2015	3:00:01	7.16065	6.6837	5.45664	4.30142	44.7225	4	0
12/27/2015	4:00:00	7.03033	6.4482	4.36026	4.7274	45.7436	4	0
12/27/2015	5:00:00	6.86266	6.08141	2.70879	0.976441	44.9267	4	0
12/27/2015	6:00:01	6.75444	5.77026	5.12056	7.24671	45.3352	4	0
12/27/2015	7:00:01	6.63935	5.38899	4.42696	6.39972	45.5394	4	0
12/27/2015	8:00:00	6.67232	5.07812	7.16658	9.35868	45.1309	4	0
12/27/2015	9:00:01	6.71107	5.44059	9.46521	8.98646	45.3352	4	0
12/27/2015	10:00:01	6.64034	5.82176	9.44455	10.3479	44.7225	4	0
12/27/2015	11:00:00	6.80963	5.8406	8.64468	8.6135	45.1309	4	0
12/27/2015	12:00:00	6.7673	5.92826	6.18575	3.44341	45.7436	4	0
12/27/2015	13:00:01	6.73385	6.14191	6.53214	7.1294	45.1309	4	0
12/27/2015	14:00:01	6.6048	6.24727	5.39904	5.15251	45.1309	4	0
12/27/2015	15:00:00	6.49082	6.32204	6.4844	8.59868	46.152	4	0
12/27/2015	16:00:00	6.42237	6.41574	5.51781	5.53492	45.5394	4	0

12/27/2015	17:00:00	6.2904	6.52626	4.20443	2.98727	45.3352	4	0
12/27/2015	18:00:01	6.08943	6.42418	3.89361	3.43244	45.5394	4	0
12/27/2015	19:00:00	5.94286	6.51658	5.57825	4.7622	45.1309	4	0
12/27/2015	20:00:00	5.69435	6.32965	4.91	0.965843	45.7436	4	0
12/27/2015	21:00:00	5.70856	5.99128	5.30861	2.36726	45.3352	4	0
12/27/2015	22:00:01	5.63869	5.478	3.32222	3.29383	45.9478	4	0
12/27/2015	23:00:01	5.39147	4.97009	2.41314	3.47338	45.3352	4	0
12/28/2015	0:00:00	5.24183	4.57581	1.38914	1.98471	45.9478	4	0
12/28/2015	1:00:00	5.24333	4.37045	4.04338	2.36806	45.9478	4	0
12/28/2015	2:00:01	5.18701	4.1518	2.7571	4.55148	45.9478	4	0
12/28/2015	3:00:01	5.08493	3.8637	3.02165	1.2272	44.7225	4	0
12/28/2015	4:00:00	5.06499	3.72602	3.85371	6.12808	44.9267	4	0
12/28/2015	5:00:00	5.30028	4.07692	8.42635	2.13464	45.5394	4	0
12/28/2015	6:00:01	5.22951	4.03152	3.3305	8.47145	45.5394	4	0
12/28/2015	7:00:01	5.28558	4.04754	5.77938	3.62253	45.3352	4	0
12/28/2015	8:00:01	5.13025	3.91352	3.27888	1.07908	45.9478	4	0
12/28/2015	9:00:00	4.89672	3.79177	3.85885	-2.7862	45.9478	4	0
12/28/2015	10:00:01	4.65008	3.80289	3.44082	-1.57933	45.3352	4	0
12/28/2015	11:00:01	4.25889	3.53332	-0.847754	1.1414	46.152	4	0
12/28/2015	12:00:01	3.99965	3.4087	-0.146398	1.42656	45.7436	4	0
12/28/2015	13:00:00	3.62696	2.86646	-2.46405	-1.29536	45.7436	4	0
12/28/2015	14:00:00	3.33939	2.50703	-1.55255	-2.2064	45.1309	4	0
12/28/2015	15:00:01	3.19289	2.50687	3.01702	0.74937	45.3352	4	0
12/28/2015	16:00:01	2.78889	1.83459	-4.15642	5.13608	44.7225	4	0
12/28/2015	17:00:00	2.78889	1.83459	-4.15642	0.410361	45.5394	4	0
12/28/2015	18:00:00	2.71797	1.37767	4.16382	4.20003	45.131	4	0
12/28/2015	19:00:01	2.63596	1.19705	3.68164	0.974804	44.9267	4	0
12/28/2015	20:00:01	2.65679	1.37914	5.45909	4.36691	45.131	4	0
12/28/2015	21:00:00	2.59887	1.38539	4.00945	4.31821	45.1309	4	0
12/28/2015	22:00:00	2.82048	1.8157	8.68758	20.3651	45.3352	4	0
12/28/2015	23:00:00	3.31127	3.07435	14.1809	8.77967	45.1309	4	0
12/29/2015	0:00:00	3.45368	3.49076	4.79385	5.64416	44.9267	4	0
12/29/2015	1:00:00	3.48411	4.10332	4.85003	7.0904	45.1309	4	0
12/29/2015	2:00:01	3.59932	4.69403	5.53948	7.15972	44.7225	4	0
12/29/2015	3:00:01	3.7034	4.90198	5.53866	4.94571	44.5183	4	0
12/29/2015	4:00:00	3.80341	5.76592	6.32517	5.38523	45.3352	4	0

12/29/2015	5:00:00	3.70064	6.07139	6.13063	6.14832	45.7436	4	0
12/29/2015	6:00:00	3.88317	6.36228	7.78025	5.63395	45.9478	4	0
12/29/2015	7:00:01	3.92182	6.61535	6.75574	6.86812	45.9478	4	0
12/29/2015	8:00:01	4.08491	6.75916	7.2532	8.01812	46.152	4	0
12/29/2015	9:00:00	4.17934	6.93589	6.15464	3.71195	46.152	4	0
12/29/2015	10:00:00	4.29992	6.74898	6.42028	8.76907	46.152	4	0
12/29/2015	11:00:01	4.55867	6.04534	5.36797	6.29421	46.3562	4	0
12/29/2015	12:00:01	4.75915	6.04058	4.66681	4.52152	46.3562	4	0
12/29/2015	13:00:00	5.12222	6.16679	6.36868	6.49737	46.5604	4	0
12/29/2015	14:00:00	5.46752	6.27635	6.78226	8.53159	46.152	4	0
12/29/2015	15:00:01	5.76254	6.66619	10.2814	14.329	46.152	4	0
12/29/2015	16:00:01	6.22391	6.73993	7.21105	7.79753	45.9478	4	0
12/29/2015	17:00:00	6.22391	6.73993	7.21105	4.03033	46.9689	4	0
12/29/2015	18:00:00	6.6871	7.06491	10.1246	9.92967	46.3562	4	0
12/29/2015	19:00:00	6.8568	7.14954	7.69929	12.0147	45.7436	4	0
12/29/2015	20:00:01	7.01955	7.3325	9.51225	13.853	46.7646	4	0
12/29/2015	21:00:00	7.161	7.43642	7.35319	8.95552	46.9689	4	0
12/29/2015	22:00:01	7.11755	7.5231	7.43281	5.01474	46.3562	4	0
12/29/2015	23:00:02	6.83451	7.65708	6.99012	3.81807	46.3562	4	0
12/30/2015	0:00:00	7.08446	8.1677	10.8502	13.5775	46.5604	4	0
12/30/2015	1:00:00	7.25273	8.36949	8.63604	6.45888	45.9478	4	0
12/30/2015	2:00:01	7.54101	8.84986	12.7082	15.3065	46.3562	4	0
12/30/2015	3:00:01	7.75457	8.88221	10.6126	8.59699	46.7646	4	0
12/30/2015	4:00:00	7.92185	9.13132	10.0447	4.94042	46.5604	4	0
12/30/2015	5:00:00	7.91202	8.97787	5.86366	7.12787	46.9689	4	0
12/30/2015	6:00:01	8.01105	8.97746	10.1246	5.82717	47.3773	4	0
12/30/2015	7:00:01	8.13408	9.16047	10.1882	13.7804	46.5604	4	0
12/30/2015	8:00:00	8.14802	8.98936	7.29535	2.66747	47.3773	4	0
12/30/2015	9:00:00	8.18816	8.96339	6.95928	6.58246	46.5604	4	0
12/30/2015	10:00:00	8.19735	8.88863	6.4172	6.37008	46.7646	4	0
12/30/2015	11:00:01	8.23034	8.81494	6.05442	8.37337	46.5604	4	0
12/30/2015	12:00:00	8.37247	8.55367	7.35892	11.8862	46.9689	4	0
12/30/2015	13:00:00	8.4771	8.58581	9.20675	5.35202	46.5604	4	0
12/30/2015	14:00:00	8.32648	7.78732	3.17991	4.77629	46.3562	4	0
12/30/2015	15:00:01	8.22736	7.56104	7.97176	10.5429	46.3562	4	0
12/30/2015	16:00:01	8.34995	7.58006	10.3724	10.452	47.3773	4	0

12/30/2015	17:00:00	8.36797	7.76773	8.11739	8.00508	46.9689	4	0
12/30/2015	18:00:00	8.33126	7.68825	9.13712	11.7553	46.7646	4	0
12/30/2015	19:00:01	8.41887	7.65561	9.86183	12.1649	47.7857	4	0
12/30/2015	20:00:00	8.34035	7.68826	7.76236	6.51222	46.9688	4	0
12/30/2015	21:00:01	8.33138	7.7003	7.09465	6.29687	46.7646	4	0
12/30/2015	22:00:01	8.31505	7.75187	7.04058	8.74657	47.1731	4	0
12/30/2015	23:00:01	8.27227	7.72435	5.54082	2.75582	46.5604	4	0
12/31/2015	0:00:00	8.11785	7.71735	7.34254	8.016	46.9689	4	0
12/31/2015	1:00:00	8.0344	7.51276	6.81818	6.00366	47.3773	4	0
12/31/2015	2:00:01	7.84905	7.95126	8.63248	7.01329	47.9899	4	0
12/31/2015	3:00:01	7.64716	7.77559	5.92888	9.32122	48.3983	4	0
12/31/2015	4:00:00	7.51635	7.4948	7.04883	1.74869	48.6025	4	0
12/31/2015	5:00:00	7.62941	7.52701	8.38042	7.82994	47.7857	4	0
12/31/2015	6:00:01	7.43029	7.20588	5.19045	2.92914	48.1941	4	0
12/31/2015	7:00:01	7.27287	6.91617	6.30366	11.7668	47.7857	4	0
12/31/2015	8:00:00	7.27478	6.88892	7.4829	2.37145	48.1941	4	0
12/31/2015	9:00:00	7.28486	6.90233	7.27192	11.8164	48.1941	4	0
12/31/2015	10:01:27	0	0	0	0	8.78113	1	0
12/31/2015	11:00:01	0	0	0	0	23.076	3	0
12/31/2015	12:00:01	0	0	0	5.64988	23.4844	4	0
12/31/2015	13:00:00	0	0	0	3.93059	23.2802	4	0
12/31/2015	14:00:00	0	0	3.76094	8.60891	23.6886	4	0
12/31/2015	15:00:00	0	0	5.06472	4.09152	23.6886	4	0
12/31/2015	16:00:01	0	0	6.90709	8.87903	23.4844	4	0
12/31/2015	17:00:01	0	0	7.38214	9.80942	23.2802	4	0
12/31/2015	18:00:00	0	0	8.2212	3.58327	23.076	4	0
12/31/2015	19:00:00	0	0	8.86996	2.6645	24.0971	4	0
12/31/2015	20:00:00	0	0	8.02695	1.63854	24.3013	4	0
12/31/2015	21:00:00	0	0	7.32629	9.76597	23.8928	4	0
12/31/2015	22:00:00	0	0	6.49763	8.69487	24.5055	4	0
12/31/2015	23:00:00	0	0	8.23678	6.50738	24.9139	4	0
1/1/2016	0:00:00	0	0	10.9974	15.3703	24.7097	4	0
1/1/2016	1:00:01	0	7.33372	6.86954	2.13414	25.3223	4	0
1/1/2016	2:00:01	0	7.582	6.75201	0.707177	25.5265	4	0
1/1/2016	3:00:00	0	7.72659	6.88158	1.75903	25.935	4	0
1/1/2016	4:00:00	0	7.85969	8.40599	5.83949	26.3434	4	0

1/1/2016	5:00:00	0	7.95755	8.44965	6.0672	25.5265	4	0
1/1/2016	6:00:01	0	7.88808	7.21558	9.58939	25.5266	4	0
1/1/2016	7:00:01	0	7.81574	7.94424	10.6078	25.935	4	0
1/1/2016	8:00:00	0	7.68627	6.45098	9.26856	25.5266	4	0
1/1/2016	9:00:00	0	7.66708	7.0821	9.52416	26.5476	4	0
1/1/2016	10:00:01	0	7.81953	8.43154	10.9272	26.5476	4	0
1/1/2016	11:00:01	0	7.7493	7.15034	7.9052	25.935	4	0
1/1/2016	12:00:01	0	7.58663	8.99701	9.79344	25.5265	4	0
1/1/2016	13:00:00	7.57944	7.76472	8.91001	15.7373	26.1392	4	0
1/1/2016	14:00:00	7.79306	7.9273	8.62763	9.19973	25.5265	4	0
1/1/2016	15:00:01	7.98327	8.12715	9.07157	10.3038	26.3434	4	0
1/1/2016	16:00:01	8.05326	8.13755	8.66137	9.87118	26.1392	4	0
1/1/2016	17:00:00	8.05326	8.13755	8.66137	5.95081	26.3434	4	0
1/1/2016	18:00:00	7.96314	7.94972	7.08446	10.7123	26.956	4	0
1/1/2016	19:00:01	7.87979	7.86439	7.01264	7.69219	25.935	4	0
1/1/2016	20:00:01	7.77393	7.7919	5.67292	6.50685	25.935	4	0
1/1/2016	21:00:01	7.63376	7.53316	4.03817	1.89202	26.3434	4	0
1/1/2016	22:00:00	7.63376	7.53316	4.03817	5.53221	26.3434	4	0
1/1/2016	23:00:00	7.40171	7.01306	4.65366	6.90315	27.1602	4	0
1/2/2016	0:00:01	7.12489	6.643	4.69921	7.11898	26.3434	4	0
1/2/2016	1:00:01	6.96077	6.16483	3.30736	6.78572	26.956	4	0
1/2/2016	2:00:00	6.86281	5.83721	4.79691	2.09686	26.956	4	0
1/2/2016	3:00:00	6.78062	5.50641	5.05738	-0.203657	27.5687	4	0
1/2/2016	4:00:00	6.61155	5.16034	4.44428	4.24269	26.956	4	0
1/2/2016	5:00:01	6.51728	5.16509	6.62269	11.207	27.5687	4	0
1/2/2016	6:00:00	6.40807	4.96185	4.55747	-1.29108	27.5687	4	0
1/2/2016	7:00:00	6.34989	4.93409	6.6267	12.8569	27.5687	4	0
1/2/2016	8:00:00	6.31743	4.93656	5.64844	5.20792	27.5687	4	0
1/2/2016	9:00:01	6.31145	5.16794	6.74368	8.97054	27.9771	4	0
1/2/2016	10:00:01	6.38284	5.58186	9.74612	13.0323	27.5687	4	0
1/2/2016	11:00:00	6.39445	5.79203	6.99689	-0.284512	27.1602	4	0
1/2/2016	12:00:00	6.36212	6.05889	7.65182	10.8017	26.5476	4	0
1/2/2016	13:00:01	6.40861	6.61618	9.92759	12.1314	27.5687	4	0
1/2/2016	14:00:01	6.59796	7.30109	12.8392	13.2482	27.1602	4	0
1/2/2016	15:00:00	6.66764	7.76361	10.4339	10.8154	26.5476	4	0
1/2/2016	16:00:00	6.56508	7.91662	6.42882	7.7223	27.1602	4	0

1/2/2016	17:00:00	6.53714	7.85281	6.16323	5.90054	27.3645	4	0
1/2/2016	18:00:01	6.53061	8.04771	6.89937	4.424	26.7518	4	0
1/2/2016	19:00:01	6.47613	7.96511	5.74387	4.8216	27.5687	4	0
1/2/2016	20:00:00	6.58313	8.1798	8.38462	12.0372	27.7729	4	0
1/2/2016	21:00:00	6.70446	8.19352	7.08336	1.67569	27.1602	4	0
1/2/2016	22:00:01	6.8071	7.98525	7.26488	7.51127	28.3855	4	0
1/2/2016	23:00:01	6.83569	7.86356	5.97014	-0.257876	27.1602	4	0
1/3/2016	0:00:01	6.95493	7.86829	7.89085	10.4009	28.5897	4	0
1/3/2016	1:00:00	7.05305	7.53294	6.07522	11.1187	28.1813	4	0
1/3/2016	2:00:01	7.12386	7.02173	6.57361	8.81167	28.1813	4	0
1/3/2016	3:00:01	7.20168	6.7561	7.1957	11.1946	28.9982	4	0
1/3/2016	4:00:00	7.20168	6.7561	7.1957	9.16659	29.4066	4	0
1/3/2016	5:00:00	7.29477	6.84386	6.30597	0.232571	28.794	4	0
1/3/2016	6:00:00	7.47268	7.01976	8.98577	12.6577	28.9982	4	0
1/3/2016	7:00:01	7.52249	7.20347	7.9217	7.81952	28.3855	4	0
1/3/2016	8:00:01	7.65516	7.2346	8.47965	10.6036	29.2024	4	0
1/3/2016	9:00:00	7.80338	7.47345	9.53817	11.5867	27.7729	4	0
1/3/2016	10:00:00	7.74754	7.55917	8.06879	6.55705	28.1813	4	0
1/3/2016	11:00:01	7.73597	7.62366	6.7398	6.41035	28.794	4	0
1/3/2016	12:00:01	7.80522	7.7318	9.10491	14.3076	28.1813	4	0
1/3/2016	13:00:00	7.80522	7.7318	9.10491	4.73429	28.7939	4	0
1/3/2016	14:00:00	7.6415	8.23163	8.04034	5.56786	28.794	4	0
1/3/2016	15:00:00	7.58445	8.37565	8.97931	9.36671	28.1813	4	0
1/3/2016	16:00:01	7.67915	8.48741	8.80555	7.89326	28.5897	4	0
1/3/2016	17:00:01	7.7873	8.70162	9.16934	13.9586	28.9982	4	0
1/3/2016	18:00:00	7.78292	8.50338	6.56778	6.43743	28.3855	4	0
1/3/2016	19:00:00	7.83501	8.43109	7.29537	6.18721	28.9982	4	0
1/3/2016	20:00:00	7.72568	8.20018	5.80318	0.592875	29.2024	4	0
1/3/2016	21:00:00	7.65836	7.8617	5.50554	3.48299	29.2024	4	0
1/3/2016	22:00:01	7.60387	7.68324	5.89517	5.43193	28.7939	4	0
1/3/2016	23:00:01	7.53533	7.48585	4.39022	2.96173	29.2024	4	0
1/4/2016	0:00:00	7.39636	7.12577	4.89735	5.81193	29.815	4	0
1/4/2016	1:00:00	7.28563	6.55002	3.79673	1.25108	30.0192	4	0
1/4/2016	2:00:01	7.22704	6.32864	5.39513	-1.42537	29.2024	4	0
1/4/2016	3:00:01	7.12991	6.00208	5.00494	-3.26006	29.6108	4	0
1/4/2016	4:00:00	7.02491	5.69713	5.14982	7.90973	29.815	4	0

1/4/2016	5:00:00	6.97538	5.34477	4.71219	8.29299	30.4277	4	0
1/4/2016	6:00:00	6.80208	5.16566	4.19131	-0.46623	29.815	4	0
1/4/2016	7:00:01	6.68725	5.00555	5.39436	-1.09293	29.4066	4	0
1/4/2016	8:00:01	6.56761	4.99322	5.64471	7.76859	29.815	4	0
1/4/2016	9:00:00	6.51374	5.18115	7.58015	4.37401	29.4066	4	0
1/4/2016	10:00:00	6.55885	5.43223	8.81692	9.01417	29.4066	4	0
1/4/2016	11:00:01	6.69767	5.89596	9.91147	10.3294	29.815	4	0
1/4/2016	12:00:01	6.74492	6.3235	9.93826	13.1791	28.9982	4	0
1/4/2016	13:00:00	6.74682	6.90405	10.877	11.335	29.2024	4	0
1/4/2016	14:00:00	6.97651	7.58553	13.7015	16.3535	29.6108	4	0
1/4/2016	15:00:00	7.17792	8.30799	13.6149	29.1996	30.0192	4	0
1/4/2016	16:00:00	7.52523	9.30922	17.3889	13.3314	29.2024	4	0
1/4/2016	17:00:01	7.51409	9.6649	9.33393	8.33202	29.6108	4	0
1/4/2016	18:00:01	7.56891	9.98193	8.45457	11.3727	30.2234	4	0
1/4/2016	19:00:01	7.70252	10.4068	10.636	5.68621	30.2234	4	0
1/4/2016	20:00:00	7.98326	10.984	12.7861	19.6967	30.2234	4	0
1/4/2016	21:00:00	8.19873	11.256	11.3149	9.95847	30.6319	4	0
1/4/2016	22:00:01	8.42003	11.4612	11.1801	19.4207	30.8361	4	0
1/4/2016	23:00:01	8.66032	11.4875	9.88684	13.2884	30.6319	4	0
1/5/2016	0:00:00	8.82427	11.4232	9.46017	9.2003	30.8361	4	0
1/5/2016	1:00:00	9.11259	11.3969	9.62498	11.6453	31.4487	4	0
1/5/2016	2:00:00	9.21679	10.9317	8.02073	14.6951	31.0403	4	0
1/5/2016	3:00:01	9.28257	10.3775	6.99699	12.4208	30.8361	4	0
1/5/2016	4:00:01	9.60183	10.0301	13.0692	22.1429	31.4487	4	0
1/5/2016	5:00:00	10.0762	10.6255	16.6578	20.7683	30.8361	4	0
1/5/2016	6:00:00	10.3525	10.8494	11.3301	8.19888	31.6529	4	0
1/5/2016	7:00:01	10.5387	10.8081	10.2156	13.0018	31.8571	4	0
1/5/2016	8:00:01	10.8083	10.7086	10.8795	18.0742	31.6529	4	0
1/5/2016	9:00:01	11.8319	12.3176	29.3491	39.6749	30.8361	4	0
1/5/2016	10:00:00	12.8732	14.1451	32.6554	34.6131	30.4276	4	0
1/5/2016	11:00:00	13.9989	16.3121	34.9048	40.2102	29.815	4	0
1/5/2016	12:00:01	15.1864	18.6622	36.9904	32.0852	30.4276	4	0
1/5/2016	13:00:01	16.3036	21.0112	38.4201	43.9101	30.6319	4	0
1/5/2016	14:00:00	17.1234	23.0601	31.1968	39.3613	30.6319	4	0
1/5/2016	15:00:00	17.8937	25.1671	32.9285	31.0542	31.0403	4	0
1/5/2016	16:00:00	18.4258	26.5816	30.5521	34.2559	30.8361	4	0

1/5/2016	17:00:01	19.7669	28.629	42.0811	67.1972	31.4487	4	0
1/5/2016	18:00:01	21.8276	32.5364	60.1554	50.508	31.0403	4	0
1/5/2016	19:00:00	22.6825	34.2735	31.4664	25.7473	31.8571	4	0
1/5/2016	20:00:00	23.7183	36.4874	37.0614	44.0104	30.6319	4	0
1/5/2016	21:00:01	25.1074	37.7745	46.3509	50.825	31.6529	4	0
1/5/2016	22:00:01	26.6701	39.1214	49.5252	48.0333	32.2656	4	0
1/5/2016	23:00:00	28.247	40.2444	49.4246	45.9587	32.4698	4	0
1/6/2016	0:00:00	29.4994	40.5031	39.9158	47.2747	32.674	4	0
1/6/2016	1:00:00	30.8669	40.8405	41.4659	34.3819	31.6529	4	0
1/6/2016	2:00:01	32.3583	41.9371	44.0797	50.4272	32.4698	4	0
1/6/2016	3:00:01	33.7483	42.6187	41.2744	40.2826	33.0824	4	0
1/6/2016	4:00:00	34.4689	42.6885	31.8015	35.7862	32.674	4	0
1/6/2016	5:00:00	35.3958	42.4837	38.9755	42.1769	32.674	4	0
1/6/2016	6:00:01	36.7853	41.2741	45.6171	57.8312	32.4698	4	0
1/6/2016	7:00:01	37.9235	41.8104	37.6186	47.6653	33.4908	4	0
1/6/2016	8:00:00	39.3179	42.3957	42.9614	51.761	33.2866	4	0
1/6/2016	9:00:00	39.9617	42.1084	40.3176	49.1301	32.8782	4	0
1/6/2016	10:00:01	40.3358	41.3686	39.6454	49.3293	32.4698	4	0
1/6/2016	11:00:01	41.1125	41.3153	45.0194	50.0677	32.2656	4	0
1/6/2016	12:00:00	41.094	40.9474	35.6006	35.1295	32.4698	4	0
1/6/2016	13:00:00	41.5792	41.3322	43.4494	47.7194	32.8782	4	0
1/6/2016	14:00:00	41.7888	40.5661	35.447	36.6978	32.674	4	0
1/6/2016	15:00:01	42.3571	41.0069	48.2051	38.3206	32.4698	4	0
1/6/2016	16:00:01	42.6171	41.4463	38.5421	37.0187	32.4698	4	0
1/6/2016	17:00:00	42.0442	40.6336	31.3494	33.7454	33.4908	4	0
1/6/2016	18:00:00	40.7213	39.1715	28.962	19.4433	33.0824	4	0
1/6/2016	19:00:01	40.7726	38.7104	32.7884	42.1857	33.2866	4	0
1/6/2016	20:00:01	41.2919	39.1518	48.5435	46.9617	33.0824	4	0
1/6/2016	21:00:00	41.243	39.6206	47.201	72.9199	33.4908	4	0
1/6/2016	22:00:00	41.248	40.5469	51.9842	55.542	33.4908	4	0
1/6/2016	23:00:01	41.5004	41.4704	56.1073	57.9902	32.8782	4	0
1/7/2016	0:00:01	42.3494	43.5325	59.833	66.9936	33.0824	4	0
1/7/2016	1:00:00	43.1287	45.0207	61.3506	65.6608	33.2866	4	0
1/7/2016	2:00:00	43.7192	47.0373	59.8357	49.452	33.695	4	0
1/7/2016	3:00:00	43.6999	46.4735	40.8322	33.9535	33.2866	4	0
1/7/2016	4:00:01	42.8148	44.33	14.3357	12.3294	34.1035	4	0

1/7/2016	5:00:01	41.6219	42.6283	10.5937	10.2987	34.1035	4	0
1/7/2016	6:00:00	40.2231	41.2468	11.5778	19.6954	33.4908	4	0
1/7/2016	7:00:00	39.1393	39.5787	13.0271	15.1526	34.1035	4	0
1/7/2016	8:00:01	37.9634	36.8204	15.0258	12.2443	33.8993	4	0
1/7/2016	9:00:01	37.8144	35.9325	35.7892	21.9401	34.3077	4	0
1/7/2016	10:00:00	37.5995	34.3781	32.2305	26.5761	34.3077	4	0
1/7/2016	11:00:00	37.4202	33.1059	41.1745	45.3182	33.8993	4	0
1/7/2016	12:00:00	37.4651	30.9334	32.2162	28.1458	34.7161	4	0
1/7/2016	13:00:01	36.9322	28.3328	30.7202	54.3151	34.1035	4	0
1/7/2016	14:00:01	36.7693	25.961	32.2363	40.7498	34.3077	4	0
1/7/2016	15:00:00	35.4829	23.9773	17.3251	12.9469	34.5119	4	0
1/7/2016	16:00:00	34.4232	23.8879	13.3989	13.1322	34.3077	4	0
1/7/2016	17:00:01	33.6039	24.0643	13.192	13.3089	34.5119	4	0
1/7/2016	18:00:01	33.0217	24.2973	14.0345	12.7325	34.1035	4	0
1/7/2016	19:00:00	32.0302	24.1003	11.576	11.9476	34.1035	4	0
1/7/2016	20:00:00	30.6289	24.053	14.1518	15.1391	34.5119	4	0
1/7/2016	21:00:01	29.258	22.3754	16.6001	17.8352	35.7372	4	0
1/7/2016	22:00:01	27.8206	21.1213	16.8731	16.667	34.7161	4	0
1/7/2016	23:00:01	26.014	18.8315	14.1204	15.9703	35.3288	4	0
1/8/2016	0:00:00	24.1342	17.4226	15.2331	14.549	35.3288	4	0
1/8/2016	1:00:00	22.1216	15.984	13.2691	13.3164	34.5119	4	0
1/8/2016	2:00:01	20.1885	14.4519	13.6797	13.2875	35.533	4	0
1/8/2016	3:00:01	19.0521	14.1466	13.4875	12.5325	35.9414	4	0
1/8/2016	4:00:01	18.9629	14.053	12.2189	16.078	35.7372	4	0
1/8/2016	5:00:00	19.0249	13.9484	11.8292	10.4413	35.533	4	0
1/8/2016	6:00:00	19.004	13.7223	11.3818	10.6261	35.1245	4	0
1/8/2016	7:00:01	18.9765	13.7546	11.7443	8.56095	35.3288	4	0
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1/8/2016	9:00:00	17.7203	12.8451	9.56352	8.19735	34.3077	4	0
1/8/2016	10:00:00	16.8572	12.4012	11.5599	10.6188	34.9203	4	0
1/8/2016	11:00:01	16.1523	13.2694	24.5868	31.5037	35.7372	4	0
1/8/2016	12:00:01	16.692	15.7011	44.0142	54.3036	35.1245	4	0
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1/8/2016	14:00:00	18.4957	22.3047	51.2459	31.4542	35.7372	4	0
1/8/2016	15:00:01	19.095	23.833	32.1246	30.023	35.533	4	0
1/8/2016	16:00:01	19.0254	23.7974	12.0482	7.78128	35.3287	4	0

1/8/2016	17:00:01	18.8698	23.6423	10.9651	9.76236	36.3498	4	0
1/8/2016	18:00:00	19.3182	24.7264	23.7053	23.0076	35.1245	4	0
1/8/2016	19:00:00	19.2379	24.5641	10.1447	7.71954	36.1456	4	0
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1/8/2016	21:00:01	18.689	24.4985	8.09272	8.04387	35.533	4	0
1/8/2016	22:00:00	18.3375	24.2316	7.84701	8.37749	36.1456	4	0
1/8/2016	23:00:00	18.1089	22.9447	9.98697	9.1587	35.9414	4	0
1/9/2016	0:00:01	17.7714	19.8968	7.18663	6.06542	36.3498	4	0
1/9/2016	1:00:01	17.3997	15.779	5.34207	4.44439	36.1456	4	0
1/9/2016	2:00:00	17.0819	12.0998	6.7782	11.5913	36.7582	4	0
1/9/2016	3:00:00	16.7875	10.0994	8.18614	6.85176	35.9414	4	0
1/9/2016	4:00:00	16.5384	9.59053	5.64711	7.0276	36.1456	4	0
1/9/2016	5:00:01	16.2599	9.21094	6.65415	5.64552	35.9414	4	0
1/9/2016	6:00:01	16.093	7.90692	7.71803	7.32134	36.7582	4	0
1/9/2016	7:00:00	15.8717	7.67981	7.46048	5.85451	36.554	4	0
1/9/2016	8:00:00	15.7699	7.30152	7.27235	7.98507	36.554	4	0
1/9/2016	9:00:01	15.6694	7.20566	6.81395	8.70386	36.554	4	0
1/9/2016	10:00:01	15.6217	7.37257	9.6603	19.3162	36.7582	4	0
1/9/2016	11:00:01	14.9616	7.28601	8.92862	5.8052	36.9624	4	0
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1/9/2016	13:00:01	11.4196	7.22934	5.44281	10.0873	37.3709	4	0
1/9/2016	14:00:00	9.5336	7.08819	5.13032	7.31962	37.1667	4	0
1/9/2016	15:00:00	8.51394	6.98286	6.85918	4.71459	36.3498	4	0
1/9/2016	16:00:01	8.22011	6.92698	5.05244	2.90378	37.5751	4	0
1/9/2016	17:00:01	7.94584	6.71345	3.98788	2.90368	36.554	4	0
1/9/2016	18:00:01	7.12613	6.3825	3.86645	2.5106	37.3709	4	0
1/9/2016	19:00:00	6.86087	6.07441	3.84923	5.9985	37.7793	4	0
1/9/2016	20:00:00	6.43587	5.60853	1.71689	-1.08664	37.9835	4	0
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1/9/2016	22:00:01	6.17183	5.06688	4.78249	3.85421	38.3919	4	0
1/9/2016	23:00:00	5.98101	4.77008	5.27944	7.33835	37.1667	4	0
1/10/2016	0:00:00	5.9042	4.70922	5.62037	1.95964	38.5961	4	0
1/10/2016	1:00:01	5.97058	4.84086	6.99552	8.95413	38.5961	4	0
1/10/2016	2:00:01	5.90859	4.86145	5.39331	9.2897	39.2088	4	0
1/10/2016	3:00:00	5.82052	4.80006	6.04877	8.79185	39.0046	4	0
1/10/2016	4:00:00	5.81506	4.84239	5.53243	2.34485	38.8004	4	0

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1/10/2016	6:00:01	5.74156	5.23829	6.7967	10.4784	40.0256	4	0
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1/10/2016	9:00:01	5.77743	6.18963	7.73338	10.8674	40.4341	4	0
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1/10/2016	13:00:01	5.7951	6.80339	7.63104	5.90311	40.4341	4	0
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1/10/2016	17:00:00	6.59493	8.24107	9.07049	10.7865	40.8425	4	0
1/10/2016	18:00:01	6.78647	8.38673	8.58381	9.02372	41.4551	4	0
1/10/2016	19:00:01	7.04837	8.67343	10.1688	18.5235	41.0467	4	0
1/10/2016	20:00:00	7.33108	8.71886	8.6564	7.09363	40.8425	4	0
1/10/2016	21:00:00	7.4518	8.75599	8.20855	9.04073	41.2509	4	0
1/10/2016	22:00:00	7.58037	8.85563	7.97412	7.12021	41.2509	4	0
1/10/2016	23:00:01	7.75104	9.00323	9.17914	7.41298	41.0467	4	0
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1/11/2016	2:00:00	8.1452	9.16358	9.15723	10.2847	41.2509	4	0
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1/11/2016	7:00:00	8.68755	8.70977	10.4338	12.3333	41.8635	4	0
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1/11/2016	10:00:01	9.27153	9.57793	11.5571	12.6868	40.2298	4	0
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1/11/2016	12:00:00	9.39754	9.64153	9.54821	12.3907	40.0256	4	0
1/11/2016	13:00:00	9.53213	9.58714	8.41881	8.88179	39.0046	4	0
1/11/2016	14:00:01	9.75711	10.0306	13.8529	23.5249	38.8004	4	0
1/11/2016	15:00:01	10.3235	11.365	24.4459	20.2187	38.8004	4	0
1/11/2016	16:00:00	10.9442	12.8515	24.9047	20.5254	37.9835	4	0

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1/11/2016	19:00:01	12.1193	15.2186	10.0181	10.3563	39.0046	4	0
1/11/2016	20:00:01	12.1454	15.1567	9.39575	11.5337	39.0046	4	0
1/11/2016	21:00:01	12.1547	14.7492	7.72444	8.31571	38.1877	4	0
1/11/2016	22:00:01	12.2538	14.647	10.7615	13.3866	38.8004	4	0
1/11/2016	23:00:00	12.5005	15.1835	17.4108	23.1286	39.0046	4	0
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1/12/2016	1:00:01	13.1172	16.5417	14.175	14.9197	39.2088	4	0
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1/12/2016	5:00:01	13.8377	12.9699	13.7287	15.6483	39.2088	4	0
1/12/2016	6:00:01	14.3909	13.841	26.5567	26.1118	40.2298	4	0
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1/12/2016	9:00:00	15.8762	17.5774	22.3614	25.0561	41.8635	4	0
1/12/2016	10:00:01	16.2832	18.4432	20.1653	20.5272	41.6593	4	0
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1/12/2016	16:00:02	18.3721	22.629	21.2652	21.7684	41.6593	4	0
1/12/2016	17:00:00	17.7735	22.8996	17.6293	15.4103	42.0677	4	0
1/12/2016	18:00:00	17.8	21.9815	15.6896	18.8785	42.0678	4	0
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1/12/2016	20:00:01	18.21	20.2182	13.6514	11.9205	42.272	4	0
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1/12/2016	22:00:00	18.5612	18.9579	13.7215	13.236	42.0677	4	0
1/12/2016	23:00:01	18.4276	18.0736	13.5586	15.6721	43.0888	4	0
1/13/2016	0:00:01	18.1972	16.9838	12.8939	13.8798	42.4762	4	0
1/13/2016	1:00:00	18.1338	15.9579	12.7525	15.3037	42.8846	4	0
1/13/2016	2:00:00	18.0992	15.2867	12.125	16.1751	42.0678	4	0
1/13/2016	3:00:00	18.0479	14.6632	12.7844	12.6459	42.6804	4	0
1/13/2016	4:00:01	18.1007	13.8724	11.0605	11.3638	42.4762	4	0

1/13/2016	5:00:01	18.2681	13.8184	16.5884	17.4167	42.4762	4	0
1/13/2016	6:00:00	17.8183	13.6964	13.6341	15.3241	42.272	4	0
1/13/2016	7:00:00	18.0053	14.7883	29.548	30.0115	41.6593	4	0
1/13/2016	8:00:01	18.1217	15.8777	26.6264	23.6657	41.4551	4	0
1/13/2016	9:00:01	18.3688	16.9555	26.1848	30.7707	41.2509	4	0
1/13/2016	10:00:00	18.904	18.5038	32.0913	33.8216	41.0467	4	0
1/13/2016	11:00:00	19.1945	19.8712	28.9312	24.3494	41.0467	4	0
1/13/2016	12:00:00	19.2216	20.927	24.0769	25.8122	40.8425	4	0
1/13/2016	13:00:01	19.4794	22.3679	28.7132	33.4616	40.4341	4	0
1/13/2016	14:00:01	19.7357	23.5022	24.557	22.7721	39.6172	4	0
1/13/2016	15:00:00	19.7853	24.1441	19.114	22.483	39.2088	4	0
1/13/2016	16:00:01	19.613	24.6832	18.1368	21.0356	39.6172	4	0
1/13/2016	17:00:00	19.613	24.6832	18.1368	6.45806	40.2298	4	0
1/13/2016	18:00:00	19.3896	24.5335	13.3072	19.2614	40.2298	4	0
1/13/2016	19:00:01	19.9369	24.5437	31.2224	32.3871	40.0256	4	0
1/13/2016	20:00:01	20.4631	24.4604	26.4315	20.974	40.2298	4	0
1/13/2016	21:00:00	20.4703	23.4243	14.4892	11.2305	39.8214	4	0
1/13/2016	22:00:00	20.569	22.0149	15.752	17.4505	39.6172	4	0
1/13/2016	23:00:01	20.3908	20.4324	11.5917	8.04698	40.4341	4	0
1/14/2016	0:00:01	20.4287	19.6091	14.7861	23.1198	40.8425	4	0
1/14/2016	1:00:01	20.5112	18.5182	16.2771	22.7966	40.2298	4	0
1/14/2016	2:00:00	20.863	18.1072	18.6479	21.5647	40.0256	4	0
1/14/2016	3:00:00	22.0794	19.8979	39.2389	40.813	39.6172	4	0
1/14/2016	4:00:01	23.0061	21.1145	32.0931	27.232	39.413	4	0
1/14/2016	5:00:00	23.2508	21.6011	23.3022	39.6546	39.6172	4	0
1/14/2016	6:00:01	24.6338	24.3284	45.08	34.2719	39.8214	4	0
1/14/2016	7:00:01	24.6342	24.3115	31.8039	37.3959	39.413	4	0
1/14/2016	8:00:00	24.9854	25.0613	35.2093	35.7929	39.6172	4	0
1/14/2016	9:00:00	25.0729	26.1146	24.9908	19.8695	39.0046	4	0
1/14/2016	10:00:00	24.5266	26.489	20.1682	18.8196	39.413	4	0
1/14/2016	11:00:00	24.2065	27.2791	19.4527	21.1873	39.2088	4	0
1/14/2016	12:00:00	24.2764	28.1131	22.9455	22.829	39.0046	4	0
1/14/2016	13:00:01	24.2053	29.0563	27.9194	25.9991	39.0046	4	0
1/14/2016	14:00:01	24.199	29.5503	24.9456	33.1723	39.0046	4	0
1/14/2016	15:00:00	24.6533	28.6601	29.0546	32.2325	39.2088	4	0
1/14/2016	16:00:00	25.1196	28.4215	30.7758	37.9158	39.0046	4	0

1/14/2016	17:00:01	25.4892	28.7197	28.5456	32.5278	39.0046	4	0
1/14/2016	18:00:01	26.0606	27.156	27.628	30.2578	38.5961	4	0
1/14/2016	19:00:01	26.5704	28.1635	44.6817	44.4703	38.8004	4	0
1/14/2016	20:00:00	27.305	28.9203	45.1795	47.0163	38.5961	4	0
1/14/2016	21:00:01	27.9803	29.4678	32.7058	27.6444	38.8004	4	0
1/14/2016	22:00:01	28.422	29.9034	24.3211	23.9546	39.413	4	0
1/14/2016	23:00:01	29.0095	30.4237	25.6365	25.5503	39.2088	4	0
1/15/2016	0:00:00	29.3648	30.5386	24.8816	25.5966	39.413	4	0
1/15/2016	1:00:00	29.6538	30.1557	22.8016	26.9142	39.2088	4	0
1/15/2016	2:00:01	29.7569	29.9267	22.5538	25.5174	39.8214	4	0
1/15/2016	3:00:01	29.0725	29.5019	23.4819	23.4352	39.413	4	0
1/15/2016	4:00:00	28.552	28.7189	22.0136	18.8668	39.6172	4	0
1/15/2016	5:00:00	28.4445	28.1301	21.5677	21.6914	39.8214	4	0
1/15/2016	6:00:01	27.6088	28.0527	27.1124	34.536	40.0256	4	0
1/15/2016	7:00:01	27.5147	26.9442	32.1785	20.9462	40.4341	4	0
1/15/2016	8:00:00	26.6449	24.4522	15.1345	16.595	40.2298	4	0
1/15/2016	9:00:00	26.5741	23.7485	24.6769	24.094	40.2298	4	0
1/15/2016	10:00:00	25.9446	22.3054	7.98291	8.55987	40.4341	4	0
1/15/2016	11:00:01	25.3823	20.8185	8.50126	4.71474	40.6383	4	0
1/15/2016	12:00:01	24.6985	19.4926	10.0097	10.673	41.2509	4	0
1/15/2016	13:00:00	23.9069	18.3876	9.42049	11.8565	41.2509	4	0
1/15/2016	14:00:00	23.4649	17.6048	12.0502	15.9518	40.2298	4	0
1/15/2016	15:00:01	22.8211	16.7921	13.3817	14.3567	40.6383	4	0
1/15/2016	16:00:01	22.264	16.4126	17.1733	17.0861	40.8425	4	0
1/15/2016	17:00:00	21.7816	16.0554	17.0598	15.5429	41.2509	4	0
1/15/2016	18:00:00	21.4685	15.5016	20.0629	22.663	41.8635	4	0
1/15/2016	19:00:01	20.4166	14.4074	18.4223	16.3612	41.6593	4	0
1/15/2016	20:00:01	19.1792	14.4046	15.0368	10.6614	41.2509	4	0
1/15/2016	21:00:00	18.3952	13.5217	13.8269	13.8867	41.2509	4	0
1/15/2016	22:00:00	17.7908	13.6561	9.67937	10.0431	41.2509	4	0
1/15/2016	23:00:01	17.1738	13.7782	9.75711	7.42739	40.8425	4	0
1/16/2016	0:00:01	16.4743	13.5906	7.87802	6.67622	41.2509	4	0
1/16/2016	1:00:01	15.8766	13.4815	8.24547	8.09761	41.8635	4	0
1/16/2016	2:00:00	15.3513	13.279	9.66978	8.59524	41.6593	4	0
1/16/2016	3:00:00	14.7179	12.8213	7.92341	5.67924	41.8635	4	0
1/16/2016	4:00:01	14.1019	11.9751	7.03973	9.3218	42.0678	4	0

1/16/2016	5:00:01	13.5408	11.1668	7.04736	5.90924	42.0677	4	0
1/16/2016	6:00:00	12.6749	10.0386	6.82458	5.83838	42.0678	4	0
1/16/2016	7:00:00	11.6514	9.09587	7.04264	7.79272	42.272	4	0
1/16/2016	8:00:00	11.3562	8.51384	7.98804	12.114	42.6804	4	0
1/16/2016	9:00:01	10.795	8.29341	11.2928	11.8626	43.0888	4	0
1/16/2016	10:00:01	10.8337	8.26311	9.39476	8.15894	43.4972	4	0
1/16/2016	11:00:00	10.7756	8.06279	7.31697	8.22352	42.6804	4	0
1/16/2016	12:00:00	10.568	7.74195	3.50025	5.79213	42.4762	4	0
1/16/2016	13:00:01	10.4336	7.54825	5.74518	9.32234	42.4762	4	0
1/16/2016	14:00:01	10.2036	7.26797	6.17983	5.26736	42.8846	4	0
1/16/2016	15:00:00	10.0404	7.3892	9.36316	12.8701	42.6804	4	0
1/16/2016	16:00:00	9.71177	7.56742	9.22338	10.4247	43.0888	4	0
1/16/2016	17:00:01	9.41428	7.80928	10.062	6.10098	43.0888	4	0
1/16/2016	18:00:01	8.91278	7.91683	8.39703	10.7463	43.0888	4	0
1/16/2016	19:00:01	8.67618	8.36946	12.5468	20.2559	43.293	4	0
1/16/2016	20:00:00	8.53242	8.65787	11.5427	7.98655	43.7015	4	0
1/16/2016	21:00:00	8.42619	8.65751	11.433	13.5545	44.3141	4	0
1/16/2016	22:00:01	8.4455	8.73982	10.6825	12.5932	45.1309	4	0
1/16/2016	23:00:01	8.47104	8.99574	10.5688	11.0728	44.7225	4	0
1/17/2016	0:00:00	8.55294	9.54564	10.6983	10.3059	45.5394	4	0
1/17/2016	1:00:00	8.612	9.86785	9.68604	7.93455	45.1309	4	0
1/17/2016	2:00:00	8.57553	10.068	8.48212	8.08195	46.3562	4	0
1/17/2016	3:00:01	8.59915	10.0007	8.39148	7.08217	45.9478	4	0
1/17/2016	4:00:01	8.71952	10.0604	9.63665	13.077	45.5394	4	0
1/17/2016	5:00:00	8.98494	10.3501	13.3758	18.208	45.1309	4	0
1/17/2016	6:00:00	9.1934	10.6598	12.3719	7.22085	45.5394	4	0
1/17/2016	7:00:01	9.32363	10.4995	10.7131	11.2832	46.7646	4	0
1/17/2016	8:00:01	9.47051	10.5188	11.7175	10.83	46.9689	4	0
1/17/2016	9:00:00	9.55066	10.6566	12.7899	11.2139	47.3773	4	0
1/17/2016	10:00:00	9.69158	10.8159	12.2377	12.3052	46.5604	4	0
1/17/2016	11:00:00	10.2263	11.6059	19.7416	33.5722	45.3352	4	0
1/17/2016	12:00:01	10.6187	11.7795	12.3607	9.51244	46.152	4	0
1/17/2016	13:00:01	10.998	12.1903	14.3469	18.4163	45.7436	4	0
1/17/2016	14:00:00	11.8213	13.6221	25.4179	39.8527	45.9478	4	0
1/17/2016	15:00:00	12.6731	15.3695	29.0923	19.5284	45.7436	4	0
1/17/2016	16:00:01	13.5591	17.0984	30.6114	15.5264	45.5394	4	0

1/17/2016	17:00:01	13.9354	17.5802	19.7005	12.6066	45.7436	4	0
1/17/2016	18:00:01	14.003	17.4017	10.9403	13.0853	45.9478	4	0
1/17/2016	19:00:00	14.3449	18.2275	21.0993	30.4573	45.5394	4	0
1/17/2016	20:00:00	14.4201	18.3281	12.7799	4.27269	46.152	4	0
1/17/2016	21:00:01	14.3751	18.1328	11.2149	13.9729	46.3562	4	0
1/17/2016	22:00:01	14.2583	17.7564	7.77482	9.60777	46.9689	4	0
1/17/2016	23:00:00	14.1186	16.7244	7.60748	10.4845	47.1731	4	0
1/18/2016	0:00:00	13.9673	16.28	6.95931	5.32989	46.7646	4	0
1/18/2016	1:00:01	13.8876	15.7517	8.1207	10.6691	46.5604	4	0
1/18/2016	2:00:01	13.8547	14.274	6.91303	11.3284	46.9689	4	0
1/18/2016	3:00:00	13.7583	12.4394	7.03118	7.73053	47.1731	4	0
1/18/2016	4:00:00	13.6505	10.5055	6.76617	5.54633	46.7646	4	0
1/18/2016	5:00:00	13.3692	9.43042	6.56308	7.09409	47.7857	4	0
1/18/2016	6:00:01	13.1801	9.18086	7.91331	7.39298	47.7857	4	0
1/18/2016	7:00:00	13.17	8.35541	11.1649	16.0295	48.1941	4	0
1/18/2016	8:00:00	13.1289	8.17091	10.3499	5.88838	47.5815	4	0
1/18/2016	9:00:00	13.3867	8.73162	17.5596	14.8197	46.9689	4	0
1/18/2016	10:00:01	13.3901	9.05828	11.4754	7.16532	47.7857	4	0
1/18/2016	11:00:01	13.0919	9.40082	11.4342	8.88888	46.5604	4	0
1/18/2016	12:00:00	13.1379	9.87679	12.378	12.2321	46.3562	4	0
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1/18/2016	16:00:01	12.062	13.4525	13.0018	19.5606	45.7436	4	0
1/18/2016	17:00:00	11.7872	14.0248	14.0396	16.7949	46.5604	4	0
1/18/2016	18:00:01	11.7296	14.1637	9.82679	11.9342	46.152	4	0
1/18/2016	19:00:01	11.5969	14.73	18.3725	34.4146	46.152	4	0
1/18/2016	20:00:01	11.6373	15.0168	14.2521	13.527	46.5604	4	0
1/18/2016	21:00:00	11.588	14.3865	10.3252	13.3965	46.5604	4	0
1/18/2016	22:00:00	11.7152	14.3446	11.3506	14.2456	46.7647	4	0
1/18/2016	23:00:01	11.8778	14.3555	11.6281	19.7657	46.152	4	0
1/19/2016	0:00:01	11.9895	14.1426	9.97312	13.6722	47.1731	4	0
1/19/2016	1:00:00	12.1309	12.9781	11.7123	9.54707	46.5604	4	0
1/19/2016	2:00:00	12.2167	12.7339	9.58513	7.88633	46.9689	4	0
1/19/2016	3:00:01	12.3197	11.8828	9.40244	13.8023	47.5815	4	0
1/19/2016	4:00:01	12.382	11.5431	9.10936	4.67445	47.3773	4	0

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1/19/2016	6:00:00	12.5756	11.3138	11.0053	12.1202	47.3773	4	0
1/19/2016	7:00:00	13.0379	11.5565	21.9121	54.3772	47.1731	4	0
1/19/2016	8:00:01	13.5003	12.126	20.5591	26.853	47.5815	4	0
1/19/2016	9:00:01	13.4192	12.4808	13.6736	11.836	46.7646	4	0
1/19/2016	10:00:00	14.1293	13.8092	26.3124	49.3939	45.3351	4	0
1/19/2016	11:00:00	14.859	15.2927	29.9414	41.8646	46.152	4	0
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1/19/2016	13:00:01	15.2026	17.1647	19.7005	24.6141	44.9267	4	0
1/19/2016	14:00:01	15.4292	17.8211	17.3412	15.4185	45.5394	4	0
1/19/2016	15:00:00	15.5452	18.8953	21.7359	19.2865	44.1099	4	0
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1/19/2016	17:00:01	16.2834	20.9902	23.742	23.5361	45.1309	4	0
1/19/2016	18:00:01	17.2396	22.9474	32.9268	37.4134	45.9478	4	0
1/19/2016	19:00:00	17.4624	23.0633	23.9683	33.3896	45.1309	4	0
1/19/2016	20:00:00	17.8267	23.2117	22.2693	18.0062	44.9267	4	0
1/19/2016	21:00:01	18.0065	23.2706	14.3572	13.3571	45.1309	4	0
1/19/2016	22:00:01	18.0827	22.1551	13.2483	20.3924	45.3352	4	0
1/19/2016	23:00:00	18.3045	21.0655	17.8233	12.5268	45.9478	4	0
1/20/2016	0:00:00	18.1738	19.7814	6.72171	1.26354	44.9267	4	0
1/20/2016	1:00:01	17.9594	18.6761	6.13854	3.98155	45.1309	4	0
1/20/2016	2:00:01	17.7857	17.7179	6.13642	9.34591	45.9478	4	0
1/20/2016	3:00:00	17.6355	16.4287	6.40413	9.43974	45.7436	4	0
1/20/2016	4:00:00	17.39	14.902	5.91211	8.75837	46.5604	4	0
1/20/2016	5:00:00	16.99	13.2074	4.28316	1.42018	47.1731	4	0
1/20/2016	6:00:01	16.9699	11.1179	6.96452	1.96378	46.5604	4	0
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1/20/2016	8:00:00	15.9607	8.69195	8.0731	10.7056	45.5394	4	0
1/20/2016	9:00:00	15.8689	8.33545	9.67909	14.4613	45.1309	4	0
1/20/2016	10:00:01	15.0872	7.81702	6.84759	5.78416	44.7225	4	0
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1/20/2016	12:00:01	13.4593	6.91133	7.16592	2.1399	44.9267	4	0
1/20/2016	13:00:00	12.9695	7.01563	7.24143	6.61732	44.7225	4	0
1/20/2016	14:00:00	12.605	7.26972	9.33169	6.67263	45.1309	4	0
1/20/2016	15:00:01	11.8988	7.19913	5.78252	8.11906	44.7225	4	0
1/20/2016	16:00:01	11.266	7.36751	7.89342	9.80553	44.5183	4	0

1/20/2016	17:00:00	10.6504	7.84908	10.4112	15.1438	45.3352	4	0
1/20/2016	18:00:00	9.66782	8.10923	10.4105	11.8785	46.152	4	0
1/20/2016	19:00:01	9.10275	8.34717	11.3644	14.5821	46.3562	4	0
1/20/2016	20:00:01	8.73057	8.79573	13.5635	19.6104	46.9689	4	0
1/20/2016	21:00:00	8.8813	9.50925	18.4106	22.3724	46.5604	4	0
1/20/2016	22:00:00	8.97391	10.2388	15.7248	24.1946	46.5604	4	0
1/20/2016	23:00:00	9.02059	11.2596	18.8764	12.1142	46.7646	4	0
1/21/2016	0:00:01	9.28633	11.7647	13.2638	14.5096	47.5815	4	0
1/21/2016	1:00:01	9.66259	12.4309	15.076	18.585	46.7646	4	0
1/21/2016	2:00:00	10.128	13.0963	16.8653	16.8187	46.7646	4	0
1/21/2016	3:00:00	10.4904	13.8773	15.1524	13.5946	47.1731	4	0
1/21/2016	4:00:01	10.9111	14.5649	16.081	13.8175	46.7646	4	0
1/21/2016	5:00:01	11.3417	14.9081	13.8451	17.5294	46.5604	4	0
1/21/2016	6:00:00	11.7423	15.4225	16.3156	18.9519	46.7646	4	0
1/21/2016	7:00:00	12.0846	15.8452	16.539	13.388	46.7646	4	0
1/21/2016	8:00:01	12.5493	16.3063	18.8287	21.7851	46.7646	4	0
1/21/2016	9:00:01	12.828	16.0626	14.1581	14.6274	46.5604	4	0
1/21/2016	10:00:00	13.1174	15.827	12.0043	11.7876	46.152	4	0
1/21/2016	11:00:00	13.6714	15.7972	17.4748	13.5846	45.1309	4	0
1/21/2016	12:00:01	13.7772	15.4571	9.30938	12.3276	45.9478	4	0
1/21/2016	13:00:01	13.9785	15.1916	12.6305	3.9786	46.152	4	0
1/21/2016	14:00:01	14.0879	14.7285	11.5164	13.2854	45.1309	4	0
1/21/2016	15:00:00	14.41	14.5153	12.5287	8.78795	45.5394	4	0
1/21/2016	16:00:00	14.6674	14.3015	13.9468	11.7299	45.5394	4	0
1/21/2016	17:00:01	15.0078	14.7524	20.4204	10.7142	45.5394	4	0
1/21/2016	18:00:01	15.2945	14.8615	18.4765	16.0953	46.152	4	0
1/21/2016	19:00:00	15.6962	15.3093	23.1328	14.9314	46.152	4	0
1/21/2016	20:00:00	16.1225	15.7744	25.2498	22.2482	46.152	4	0
1/21/2016	21:00:01	15.9633	15.8019	14.2355	19.8019	46.7646	4	0
1/21/2016	22:00:01	15.8748	15.9637	13.979	12.265	46.7646	4	0
1/21/2016	23:00:00	15.8048	15.9604	16.9748	15.6592	45.9478	4	0
1/22/2016	0:00:00	15.9717	16.6467	17.4035	20.5717	46.152	4	0
1/22/2016	1:00:00	15.8485	16.6162	11.8911	6.92429	45.7436	4	0
1/22/2016	2:00:01	15.55	16.5276	10.7341	18.7217	46.9689	4	0
1/22/2016	3:00:01	15.3738	16.4552	11.8471	9.19638	47.1731	4	0
1/22/2016	4:00:00	15.2228	16.3635	12.5292	10.1278	46.3562	4	0

1/22/2016	5:00:00	15.1422	15.6915	12.1643	15.8323	46.9689	4	0
1/22/2016	6:00:01	14.9507	15.091	10.3445	11.648	46.5604	4	0
1/22/2016	7:00:01	14.6786	13.9726	9.31343	9.8878	46.152	4	0
1/22/2016	8:00:01	14.3019	12.6772	9.79185	11.9979	46.152	4	0
1/22/2016	9:00:00	14.1439	12.3105	9.55145	9.77511	46.7646	4	0
1/22/2016	10:00:01	13.9221	11.6925	6.67906	3.20662	45.9478	4	0
1/22/2016	11:00:01	13.4815	10.8217	6.57882	8.91331	46.152	4	0
1/22/2016	12:00:01	13.4808	10.0705	8.24594	8.31054	45.5394	4	0
1/22/2016	13:00:00	13.3245	9.78453	8.4459	9.56672	44.9267	4	0
1/22/2016	14:00:00	13.1736	9.56969	8.47589	11.6452	45.5394	4	0
1/22/2016	15:00:01	13.0202	9.25523	8.00361	8.24119	46.5604	4	0
1/22/2016	16:00:01	12.8452	9.03145	10.1834	12.1837	45.9478	4	0
1/22/2016	17:00:00	12.3554	8.74203	8.92955	6.16909	46.152	4	0
1/22/2016	18:00:00	11.865	8.50281	7.88617	4.47978	46.152	4	0
1/22/2016	19:00:01	11.2117	8.34841	7.4084	7.45122	46.5604	4	0
1/22/2016	20:00:01	10.4383	8.14083	7.46428	6.21048	45.9478	4	0
1/22/2016	21:00:00	10.1802	8.04107	8.44155	3.83522	46.5604	4	0
1/22/2016	22:00:00	9.88214	8.08773	7.3773	4.08799	46.152	4	0
1/22/2016	23:00:01	9.4812	8.19847	8.13851	10.786	45.9478	4	0
1/23/2016	0:00:01	9.04515	8.12013	7.39415	11.9818	47.1731	4	0
1/23/2016	1:00:01	8.8244	7.95942	6.30354	8.70276	47.1731	4	0
1/23/2016	2:00:01	8.59569	7.7325	5.96114	11.6152	47.1731	4	0
1/23/2016	3:00:00	8.39222	7.62077	6.25369	6.10931	46.5604	4	0
1/23/2016	4:00:00	8.14267	7.31604	6.30437	8.05787	46.7646	4	0
1/23/2016	5:00:01	7.92807	7.14611	6.63709	8.3207	45.9478	4	0
1/23/2016	6:00:01	7.72523	6.96272	5.76895	6.14754	46.3562	4	0
1/23/2016	7:00:01	7.61464	6.88849	6.36858	9.20356	46.3562	4	0
1/23/2016	8:00:00	7.51889	6.89524	7.55367	8.83589	46.5604	4	0
1/23/2016	9:00:00	7.33925	6.62115	5.09644	3.68772	46.3562	4	0
1/23/2016	10:00:01	7.33143	6.52146	6.01497	4.26426	45.1309	4	0
1/23/2016	11:00:01	7.51492	6.70981	10.1624	13.1778	46.152	4	0
1/23/2016	12:00:00	7.44949	6.63593	6.55	-0.46988	45.9478	4	0
1/23/2016	13:00:00	7.30003	6.52051	5.05782	11.3762	46.152	4	0
1/23/2016	14:00:01	7.01191	6.12844	1.15322	5.87321	46.152	4	0
1/23/2016	15:00:01	6.9059	6.05808	5.48708	6.93316	45.5394	4	0
1/23/2016	16:00:01	6.60999	5.80138	3.38358	8.28548	45.7436	4	0

1/23/2016	17:00:00	6.43358	5.65918	5.13352	5.76438	45.7436	4	0
1/23/2016	18:00:00	6.91232	6.79579	19.4612	42.4147	45.7436	4	0
1/23/2016	19:00:01	7.96332	8.9865	32.7181	23.7826	45.3352	4	0
1/23/2016	20:00:01	8.92099	10.9043	30.7973	32.1411	46.3562	4	0
1/23/2016	21:00:00	10.1179	13.5862	37.4322	42.3549	46.7646	4	0
1/23/2016	22:00:00	11.4358	16.3509	39.5904	40.5288	46.3562	4	0
1/23/2016	23:00:01	12.7331	18.7973	39.8371	39.5184	46.7646	4	0
1/24/2016	0:00:01	13.7204	20.8543	31.3352	25.8909	47.1731	4	0
1/24/2016	1:00:01	14.3093	22.1442	20.6958	29.2617	46.7646	4	0
1/24/2016	2:00:00	15.3993	24.7241	31.9963	36.4521	46.9689	4	0
1/24/2016	3:00:00	16.1632	26.323	24.688	22.2155	47.1731	4	0
1/24/2016	4:00:01	16.869	27.9774	22.9151	23.7907	47.5815	4	0
1/24/2016	5:00:01	17.7507	29.8753	28.5583	27.452	47.3773	4	0
1/24/2016	6:00:00	18.2129	29.669	16.1723	17.8293	47.1731	4	0
1/24/2016	7:00:00	18.2129	29.669	16.1723	7.39057	47.7857	4	0
1/24/2016	8:00:01	18.517	26.1911	11.089	12.8061	47.3773	4	0
1/24/2016	9:00:01	18.9109	24.2772	13.6585	17.1163	46.9689	4	0
1/24/2016	10:00:00	19.3397	22.2538	13.883	10.7647	47.3773	4	0
1/24/2016	11:00:00	19.4466	19.915	11.4259	15.6287	46.9689	4	0
1/24/2016	12:00:00	19.9427	18.6845	15.6833	13.3253	45.9478	4	0
1/24/2016	13:00:01	20.8072	19.0282	24.7136	26.8254	46.5604	4	0
1/24/2016	14:00:01	21.5012	17.6902	15.8528	16.8359	46.3562	4	0
1/24/2016	15:00:00	22.7426	18.5108	35.0314	32.4402	46.3562	4	0
1/24/2016	16:00:00	24.076	19.5273	35.7847	41.3308	46.152	4	0
1/24/2016	17:00:01	24.9926	19.4131	28.2975	12.6627	46.152	4	0
1/24/2016	18:00:01	24.62	18.994	11.8594	15.7085	46.3562	4	0
1/24/2016	19:00:01	23.693	19.1479	13.1786	17.8927	46.9689	4	0
1/24/2016	20:00:00	22.8684	19.244	13.114	13.0633	47.1731	4	0
1/24/2016	21:00:00	21.8405	19.1449	12.2913	12.966	46.7646	4	0
1/24/2016	22:00:01	20.5305	18.7612	9.94944	9.94474	46.9689	4	0
1/24/2016	23:00:01	19.4403	18.9026	12.2749	10.3125	47.3773	4	0
1/25/2016	0:00:00	18.6086	18.5603	11.2508	15.8221	46.9689	4	0
1/25/2016	1:00:00	18.3962	17.8745	16.7852	14.293	47.5815	4	0
1/25/2016	2:00:00	17.8529	18.1376	18.3519	22.1817	46.9689	4	0
1/25/2016	3:00:01	17.572	16.7945	18.851	11.6872	47.1731	4	0
1/25/2016	4:00:01	17.1043	14.8724	12.6743	17.6131	46.7646	4	0

1/25/2016	5:00:00	16.3565	13.4038	10.0821	6.42339	46.7646	4	0
1/25/2016	6:00:00	16.7219	14.5311	25.459	55.1352	47.3773	4	0
1/25/2016	7:00:01	17.7282	16.2637	33.5788	44.0994	46.5604	4	0
1/25/2016	8:00:01	18.8014	18.215	36.2881	33.279	46.5604	4	0
1/25/2016	9:00:00	18.8014	18.215	36.2881	34.9484	46.3562	4	0
1/25/2016	10:00:00	20.5533	21.9818	39.3565	53.3217	45.7436	4	0
1/25/2016	11:00:00	21.5877	23.98	36.4079	41.525	47.1731	4	0
1/25/2016	12:00:01	22.4815	26.0218	34.0525	36.7459	46.9689	4	0
1/25/2016	13:00:01	22.7709	27.2844	32.6207	36.2511	46.5604	4	0
1/25/2016	14:00:00	22.9527	27.4469	21.0199	10.4177	47.3773	4	0
1/25/2016	15:00:00	22.2445	27.3769	18.2894	11.1333	46.9689	4	0
1/25/2016	16:00:01	21.5255	27.8565	18.1119	35.8164	46.5604	4	0
1/25/2016	17:00:01	22.0507	30.4664	42.0811	52.8618	46.3562	4	0
1/25/2016	18:00:00	23.3759	31.9433	43.4416	26.6622	46.9689	4	0
1/25/2016	19:00:00	23.9739	31.3879	27.1298	26.6311	45.9478	4	0
1/25/2016	20:00:01	24.494	30.3806	23.1943	20.2625	46.152	4	0
1/25/2016	21:00:01	24.7696	29.7952	19.8469	15.7995	46.3562	4	0
1/25/2016	22:00:01	24.7187	27.2873	10.5946	7.65324	47.1731	4	0
1/25/2016	23:00:00	24.263	24.5335	5.75361	4.0937	46.9689	4	0
1/26/2016	0:00:00	23.9633	22.137	5.80683	7.02646	47.3773	4	0
1/26/2016	1:00:01	23.5666	20.1261	8.73499	9.63595	46.9689	4	0
1/26/2016	2:00:01	23.1755	19.2796	11.6796	11.7292	47.3773	4	0
1/26/2016	3:00:00	22.5762	18.2127	5.66525	5.36589	47.9899	4	0
1/26/2016	4:00:00	22.3089	17.2929	7.03258	10.2604	48.6025	4	0
1/26/2016	5:00:00	22.2465	14.5858	8.9214	12.4582	48.3983	4	0
1/26/2016	6:00:01	21.4587	11.6842	8.10506	10.0823	48.1941	4	0
1/26/2016	7:00:01	20.4121	10.2496	9.52357	13.73	48.1941	4	0
1/26/2016	8:00:00	19.1839	9.02405	8.07658	11.1866	48.3983	4	0
1/26/2016	9:00:00	18.4768	8.19345	9.37605	8.96033	48.1941	4	0
1/26/2016	10:00:01	17.2024	7.95048	7.33468	5.81749	48.3983	4	0
1/26/2016	11:00:00	0	0	0	0	48.6026	1	0
1/26/2016	12:00:01	0	0	0	0	21.8507	3	0
1/26/2016	13:00:00	0	0	0	-7.17849	21.8507	4	0
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1/26/2016	15:00:01	0	0	5.19481	-5.03941	22.0549	4	0
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1/26/2016	17:00:00	0	0	6.25684	7.99437	22.6676	4	0
1/26/2016	18:00:00	0	0	3.40613	4.16426	21.8507	4	0
1/26/2016	19:00:01	0	0	4.96242	9.486	22.2591	4	0
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1/26/2016	22:00:00	0	0	3.19261	5.22215	23.076	4	0
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1/27/2016	1:00:01	0	0	2.79463	5.60014	22.4634	4	0
1/27/2016	2:00:00	0	4.6333	3.39575	4.62237	23.2802	4	0
1/27/2016	3:00:00	0	4.46076	3.10823	4.5833	22.8718	4	0
1/27/2016	4:00:01	0	4.07874	4.27195	7.39477	22.4634	4	0
1/27/2016	5:00:01	0	3.83742	3.37733	3.52173	22.6676	4	0
1/27/2016	6:00:01	0	3.80296	2.99078	-3.05616	22.2592	4	0
1/27/2016	7:00:00	0	4.00747	7.39386	1.89966	22.4634	4	0
1/27/2016	8:00:00	0	3.97285	4.54675	4.64342	22.0549	4	0
1/27/2016	9:00:01	0	4.64586	12.5622	16.552	22.8718	4	0
1/27/2016	10:00:01	0	5.20974	9.88511	10.5024	22.4634	4	0
1/27/2016	11:00:00	0	5.74214	10.8883	15.0644	22.8718	4	0
1/27/2016	12:00:00	0	6.86406	16.8082	30.2976	22.8718	4	0
1/27/2016	13:00:01	0	8.58835	23.208	23.8944	21.8507	4	0
1/27/2016	14:00:01	7.26118	9.84949	18.3366	12.0191	21.8507	4	0
1/27/2016	15:00:01	7.89098	11.2795	19.9168	30.0269	22.4634	4	0
1/27/2016	16:00:00	8.4962	12.889	23.9334	19.5428	22.6676	4	0
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1/27/2016	18:00:01	9.82366	15.822	20.8458	24.0952	23.076	4	0
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1/27/2016	21:00:00	12.1773	19.6666	25.8933	28.9631	23.2802	4	0
1/27/2016	22:00:01	12.805	20.3523	18.2633	30.0044	23.076	4	0
1/27/2016	23:00:01	13.2819	20.7585	15.1808	17.3213	22.8718	4	0
1/28/2016	0:00:00	13.7574	20.5902	15.2082	17.5712	23.076	4	0
1/28/2016	1:00:00	14.5657	20.4861	22.0505	28.9796	23.4844	4	0
1/28/2016	2:00:01	14.9471	19.9914	12.3878	10.356	23.6886	4	0
1/28/2016	3:00:01	15.1662	19.0324	8.65551	6.39318	24.3013	4	0
1/28/2016	4:00:01	15.2975	17.6371	7.0888	5.39301	23.6886	4	0

1/28/2016	5:00:00	15.4463	16.4767	6.41588	4.70468	23.6886	4	0
1/28/2016	6:00:00	15.5375	15.2199	6.55458	5.05414	24.0971	4	0
1/28/2016	7:00:01	15.6694	14.2539	11.095	10.7396	23.6886	4	0
1/28/2016	8:00:01	15.9088	13.1298	8.16888	4.6114	24.3013	4	0
1/28/2016	9:00:00	15.7289	11.5949	7.18858	4.9629	24.3013	4	0
1/28/2016	10:00:00	15.5728	10.5458	5.63737	4.36149	24.0971	4	0
1/28/2016	11:00:00	15.3114	9.68745	5.05679	4.74658	24.7097	4	0
1/28/2016	12:00:01	14.7362	8.6712	3.07412	2.19148	24.7097	4	0
1/28/2016	13:00:01	13.9051	7.08357	3.10615	4.58221	23.4844	4	0
1/28/2016	14:00:00	13.3462	6.47958	5.26646	5.63228	24.0971	4	0
1/28/2016	15:00:00	12.7503	6.26623	6.22618	7.96614	24.7097	4	0
1/28/2016	16:00:01	11.978	6.17771	6.13028	9.31187	24.7097	4	0
1/28/2016	17:00:01	11.3979	6.24651	7.35047	7.90879	24.3013	4	0
1/28/2016	18:00:00	10.769	6.22064	6.35238	4.59789	23.8928	4	0
1/28/2016	19:00:00	10.044	5.7837	6.07454	6.15575	24.9139	4	0
1/28/2016	20:00:01	9.39861	5.71965	7.45695	9.42311	25.5265	4	0
1/28/2016	21:00:01	8.60588	5.72083	7.23174	5.72102	25.1181	4	0
1/28/2016	22:00:01	8.19902	5.98374	8.8424	7.59888	25.3223	4	0
1/28/2016	23:00:00	7.89023	6.21409	7.83005	6.73617	25.7308	4	0
1/29/2016	0:00:01	7.55297	6.55284	7.2035	5.92764	25.7308	4	0
1/29/2016	1:00:01	6.90145	6.81833	6.34163	4.8743	25.5266	4	0
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1/29/2016	3:00:00	6.64937	7.12712	6.48679	4.59236	25.7308	4	0
1/29/2016	4:00:00	6.74584	7.40173	9.35162	13.1351	26.5476	4	0
1/29/2016	5:00:00	6.74133	7.3387	6.79712	4.65437	26.3434	4	0
1/29/2016	6:00:00	6.91332	7.71637	11.0204	13.1886	25.7308	4	0
1/29/2016	7:00:01	6.84103	7.98634	9.335	15.3319	26.7518	4	0
1/29/2016	8:00:01	7.21532	8.78366	16.7534	18.4489	27.1602	4	0
1/29/2016	9:00:00	7.41424	9.16136	11.3538	13.745	26.5476	4	0
1/29/2016	10:00:00	7.77997	9.60913	13.7139	15.1935	26.1392	4	0
1/29/2016	11:00:01	8.59954	11.0093	24.4202	17.2267	26.3434	4	0
1/29/2016	12:00:01	0	0	0	0	22.4634	2	0
1/29/2016	13:00:00	0	0	0	0	22.2592	3	0
1/29/2016	14:00:00	0	0	0	33.6986	22.4634	4	0
1/29/2016	15:00:00	0	0	0	46.1377	22.2592	4	0
1/29/2016	16:00:01	0	0	41.5349	28.4235	22.6676	4	0

1/29/2016	17:00:01	0	0	23.2314	31.7233	22.2592	4	0
1/29/2016	18:00:00	0	0	22.7939	21.5879	22.6676	4	0
1/29/2016	19:00:00	0	0	17.9542	28.5255	22.4634	4	0
1/29/2016	20:00:01	0	0	26.4999	32.5682	22.8718	4	0
1/29/2016	21:00:01	0	0	38.4785	43.6355	23.076	4	0
1/29/2016	22:00:01	0	0	37.0643	31.8709	23.2802	4	0
1/29/2016	23:00:00	0	0	35.1646	28.6785	23.2802	4	0
1/30/2016	0:00:00	0	0	23.6769	20.6164	23.076	4	0
1/30/2016	1:00:01	0	0	20.9306	23.1002	23.4844	4	0
1/30/2016	2:00:01	0	0	15.9197	8.82303	22.6676	4	0
1/30/2016	3:00:00	0	25.9694	6.73224	10.2047	23.076	4	0
1/30/2016	4:00:00	0	24.0862	19.6796	20.8828	23.6886	4	0
1/30/2016	5:00:01	0	24.2039	24.7388	22.3079	23.6886	4	0
1/30/2016	6:00:01	0	23.6632	16.8049	8.29866	23.2802	4	0
1/30/2016	7:00:00	0	22.6894	7.61719	3.77344	23.6886	4	0
1/30/2016	8:00:00	0	21.7377	14.8359	25.1116	23.6886	4	0
1/30/2016	9:00:01	0	19.3867	10.059	9.09394	23.8929	4	0
1/30/2016	10:00:01	0	17.62	14.3024	14.6897	24.3013	4	0
1/30/2016	11:00:01	0	15.5658	10.416	6.0744	24.3013	4	0
1/30/2016	12:00:00	0	14.2088	6.71494	8.24893	23.8928	4	0
1/30/2016	13:00:00	0	13.0167	6.76986	8.46998	24.5055	4	0
1/30/2016	14:00:01	0	12.1651	5.51459	7.98255	24.3013	4	0
1/30/2016	15:00:00	19.5108	12.6704	12.8822	15.3961	24.5055	4	0
1/30/2016	16:00:00	18.2022	11.9786	11.8421	12.643	24.5055	4	0
1/30/2016	17:00:00	17.7163	11.0992	15.3357	15.4283	24.5055	4	0
1/30/2016	18:00:01	17.3229	11.0013	16.4248	24.2646	25.3223	4	0
1/30/2016	19:00:01	17.4303	12.0988	20.8778	20.4876	25.3223	4	0
1/30/2016	20:00:00	17.1957	12.6344	21.4428	13.4751	24.7097	4	0
1/30/2016	21:00:00	16.8618	14.3309	30.3813	26.5097	25.935	4	0
1/30/2016	22:00:01	16.0165	14.4958	15.7168	11.7789	25.7308	4	0
1/30/2016	23:00:01	15.3851	15.3183	20.3645	17.0905	26.1392	4	0
1/31/2016	0:00:00	14.9564	15.8933	13.7543	10.6621	25.7308	4	0
1/31/2016	1:00:00	14.4938	16.1368	9.54932	13.149	26.1392	4	0
1/31/2016	2:00:00	14.3266	16.6312	10.747	11.3132	26.5476	4	0
1/31/2016	3:00:01	14.4564	16.3816	9.57636	12.5836	27.1602	4	0
1/31/2016	4:00:01	14.0004	16.178	9.99808	11.8354	26.7518	4	0

1/31/2016	5:00:00	13.4033	15.7578	9.9353	9.63177	26.956	4	0
1/31/2016	6:00:00	13.4833	15.8612	16.1694	38.0409	27.1602	4	0
1/31/2016	7:00:00	15.9539	19.6084	64.9825	63.6483	26.3434	4	0
1/31/2016	8:00:01	17.8747	22.9001	61.6125	70.0007	26.5476	4	0
1/31/2016	9:00:01	19.5107	24.4342	49.2546	45.9111	27.1602	4	0
1/31/2016	10:00:00	20.9023	27.0472	46.3832	30.3574	26.956	4	0
1/31/2016	11:00:00	22.0325	28.3936	35.6536	24.3047	26.7518	4	0
1/31/2016	12:00:01	22.3457	28.404	14.0662	7.30815	26.956	4	0
1/31/2016	13:00:01	22.6175	28.7274	14.1486	17.781	26.7518	4	0
1/31/2016	14:00:00	23.001	29.079	15.8927	18.8273	27.7729	4	0
1/31/2016	15:00:00	22.9877	29.4643	17.5403	18.1849	27.7729	4	0
1/31/2016	16:00:01	23.0963	29.9083	17.3781	19.3141	27.9771	4	0
1/31/2016	17:00:01	23.1179	30.4445	17.5567	15.0513	27.7729	4	0
1/31/2016	18:00:01	22.8839	30.0293	11.5031	10.4369	28.1813	4	0
1/31/2016	19:00:00	22.3594	25.4877	10.7911	10.8047	27.7729	4	0
1/31/2016	20:00:00	21.6739	21.0157	8.23006	7.86316	28.5897	4	0
1/31/2016	21:00:01	20.6365	17.4862	5.73395	4.83763	28.5897	4	0
1/31/2016	22:00:01	20.2001	14.1199	4.24542	4.81103	28.9982	4	0
1/31/2016	23:00:00	20.2001	14.1199	4.24542	4.20625	28.3855	4	0
2/1/2016	0:00:00	19.0422	10.7433	3.75224	2.91028	28.5897	4	0
2/1/2016	1:00:00	18.8299	10.0534	5.71381	5.11081	29.6108	4	0
2/1/2016	2:00:00	18.5547	9.13563	4.43635	13.7605	28.9982	4	0
2/1/2016	3:00:01	18.2956	7.99786	3.45893	0.995529	28.794	4	0
2/1/2016	4:00:01	17.9646	6.8837	3.87207	-2.52722	29.2024	4	0
2/1/2016	5:00:00	17.8773	6.09759	7.71275	6.30923	28.9982	4	0
2/1/2016	6:00:00	17.4889	5.72469	6.83491	4.74806	29.4066	4	0
2/1/2016	7:00:00	15.2401	5.57668	8.89379	13.5386	29.4066	4	0
2/1/2016	8:00:01	13.0599	5.3957	5.88893	6.18332	29.4066	4	0
2/1/2016	9:00:01	11.5549	5.7488	9.75797	12.1037	28.9982	4	0
2/1/2016	10:00:00	10.1249	6.16763	9.02405	7.72895	29.4066	4	0
2/1/2016	11:00:00	9.18481	6.76277	11.3451	7.0258	28.794	4	0
2/1/2016	12:00:01	8.89188	7.09693	8.30799	7.24906	29.815	4	0
2/1/2016	13:00:01	8.56979	7.08397	5.35827	5.16841	30.2234	4	0
2/1/2016	14:00:00	8.16721	7.19572	5.82869	8.34497	29.2024	4	0
2/1/2016	15:00:00	7.68653	7.3641	5.42836	4.01176	29.4066	4	0
2/1/2016	16:00:01	7.30451	7.70099	7.99359	9.11067	29.4066	4	0

2/1/2016	17:00:01	6.93308	7.75875	8.60274	10.2225	29.6108	4	0
2/1/2016	18:00:01	6.83024	7.92961	9.02358	10.3322	29.4066	4	0
2/1/2016	19:00:00	6.70621	7.82857	7.81429	8.92113	30.2234	4	0
2/1/2016	20:00:01	6.60663	7.82474	6.01084	4.49856	30.0192	4	0
2/1/2016	21:00:01	6.58749	7.45698	5.36696	-1.30842	29.815	4	0
2/1/2016	22:00:01	6.69262	7.274	6.68655	4.58981	30.6319	4	0
2/1/2016	23:00:00	6.80253	6.92492	7.02527	6.36352	30.6319	4	0
2/2/2016	0:00:00	6.85638	6.64896	4.86895	3.03347	30.2234	4	0
2/2/2016	1:00:01	6.88167	6.71726	6.0296	5.58615	29.815	4	0
2/2/2016	2:00:01	7.07082	6.98406	9.04218	9.38242	30.6319	4	0
2/2/2016	3:00:00	7.40863	7.47919	11.155	11.966	30.2234	4	0
2/2/2016	4:00:00	7.80202	7.91039	12.998	10.0523	29.6108	4	0
2/2/2016	5:00:01	7.97239	8.17054	11.6491	12.1644	30.0192	4	0
2/2/2016	6:00:01	8.33296	8.70326	15.3848	9.68209	30.2234	4	0
2/2/2016	7:00:00	8.47671	9.05022	11.5934	8.01145	29.6108	4	0
2/2/2016	8:00:00	8.64883	9.37887	9.94663	5.97406	30.4277	4	0
2/2/2016	9:00:00	8.65483	9.73859	9.41574	18.2818	30.2234	4	0
2/2/2016	10:00:01	8.59094	9.78746	7.12179	4.66992	29.6108	4	0
2/2/2016	11:00:01	8.3816	9.71335	6.05765	-1.58452	30.0192	4	0
2/2/2016	12:00:00	8.35843	9.94504	7.42379	14.6868	29.6108	4	0
2/2/2016	13:00:00	8.41043	9.99945	6.98414	12.176	30.2234	4	0
2/2/2016	14:00:01	8.44897	9.79278	6.62217	5.85151	30.4276	4	0
2/2/2016	15:00:01	8.57217	9.53083	7.94688	9.10311	30.2234	4	0
2/2/2016	16:00:00	8.53082	9.01683	7.06651	11.6939	29.6108	4	0
2/2/2016	17:00:00	8.3991	8.48663	5.41492	6.69374	30.4277	4	0
2/2/2016	18:00:01	8.286	7.73465	6.81757	6.3986	30.4277	4	0
2/2/2016	19:00:01	8.17852	7.20917	5.45741	7.6952	30.8361	4	0
2/2/2016	20:00:00	8.22768	6.95836	6.90087	5.3705	29.815	4	0
2/2/2016	21:00:00	8.3511	6.87997	8.63698	10.9485	30.0192	4	0
2/2/2016	22:00:00	8.42068	6.99677	8.59548	7.65849	31.0403	4	0
2/2/2016	23:00:01	8.42982	7.10792	7.41604	5.92605	30.6319	4	0
2/3/2016	0:00:01	8.45963	6.9635	5.72634	2.29882	31.0403	4	0
2/3/2016	1:00:00	8.40202	6.76984	4.64168	2.57445	31.4487	4	0
2/3/2016	2:00:00	8.77504	7.72936	18.1231	17.943	30.6319	4	0
2/3/2016	3:00:01	8.8471	8.16465	13.1986	13.5444	31.0403	4	0
2/3/2016	4:00:01	8.6533	8.31395	9.04947	8.06132	31.2445	4	0

2/3/2016	5:00:00	8.39479	8.33793	5.7432	4.34368	31.2445	4	0
2/3/2016	6:00:00	7.96639	8.20695	5.10935	7.32236	31.2445	4	0
2/3/2016	7:00:00	7.704	8.20699	5.49206	7.62535	30.6319	4	0
2/3/2016	8:00:01	7.55663	8.18356	6.7206	6.70607	31.2445	4	0
2/3/2016	9:00:01	7.52395	8.17496	8.29193	7.97996	31.2445	4	0
2/3/2016	10:00:00	7.53748	8.08738	7.61178	6.85512	31.0403	4	0
2/3/2016	11:00:00	7.5398	7.99678	6.54405	4.93448	30.6319	4	0
2/3/2016	12:00:01	7.38391	7.83896	4.00209	1.02145	30.6319	4	0
2/3/2016	13:00:01	7.35704	7.9935	6.68173	7.14401	31.0403	4	0
2/3/2016	14:00:00	7.30005	6.95583	5.66071	5.86302	31.2445	4	0
2/3/2016	15:00:00	7.17953	6.31849	5.62166	1.39386	31.6529	4	0
2/3/2016	16:00:01	7.16556	6.13562	6.78302	4.61964	31.6529	4	0
2/3/2016	17:00:01	7.15845	6.11414	5.5655	0.283927	32.0613	4	0
2/3/2016	18:00:01	7.16568	6.28433	7.21854	12.6068	31.4487	4	0
2/3/2016	19:00:00	7.20559	6.37301	6.56953	1.61875	31.8571	4	0
2/3/2016	20:00:01	7.19502	6.38549	6.91351	4.5931	31.8571	4	0
2/3/2016	21:00:01	7.09993	6.21931	6.076	6.36175	32.0613	4	0
2/3/2016	22:00:01	7.01031	6.13204	6.49448	12.6302	32.8782	4	0
2/3/2016	23:00:00	6.96695	6.11865	6.29679	11.2025	32.4698	4	0
2/4/2016	0:00:00	6.99843	6.33971	6.78586	8.79634	32.0613	4	0
2/4/2016	1:00:01	6.96561	6.12553	4.11778	1.6002	32.4698	4	0
2/4/2016	2:00:00	6.56931	6.31073	7.75626	11.6153	32.4698	4	0
2/4/2016	3:00:01	6.24841	6.27122	5.16138	1.3819	32.2656	4	0
2/4/2016	4:00:01	6.1544	6.26605	6.73651	6.01452	33.0824	4	0
2/4/2016	5:00:00	6.15828	6.29007	5.87789	1.55783	32.8782	4	0
2/4/2016	6:00:00	6.23848	6.28414	7.15758	9.85281	33.0824	4	0
2/4/2016	7:00:00	6.32828	6.37602	7.65019	9.20991	33.8993	4	0
2/4/2016	8:00:01	6.41726	6.522	8.50982	5.25772	33.0824	4	0
2/4/2016	9:00:01	6.44554	6.7321	8.39396	7.32044	32.674	4	0
2/4/2016	10:00:00	6.4363	6.76599	6.51729	3.06555	32.674	4	0
2/4/2016	11:00:00	6.50836	6.91557	8.00962	4.74987	32.8782	4	0
2/4/2016	12:00:01	6.67856	6.99126	7.30324	6.83864	32.0613	4	0
2/4/2016	13:00:01	6.77232	7.37449	8.60035	5.63162	31.8571	4	0
2/4/2016	14:00:00	6.91184	7.45835	8.66912	7.43766	32.0613	4	0
2/4/2016	15:00:00	7.18873	8.04967	12.3698	23.7492	32.4698	4	0
2/4/2016	16:00:01	7.45207	8.56731	12.9663	16.2417	32.674	4	0

2/4/2016	17:00:01	7.88136	9.39958	16.0582	26.7928	32.8782	4	0
2/4/2016	18:00:01	8.66949	10.9621	25.8241	27.2903	31.8571	4	0
2/4/2016	19:00:00	9.5786	12.6867	28.6822	37.4015	31.8571	4	0
2/4/2016	20:00:00	10.6492	14.6843	32.6276	33.3036	32.0613	4	0
2/4/2016	21:00:01	12.2726	17.7331	45.2575	45.3521	32.2656	4	0
2/4/2016	22:00:01	13.4763	20.1352	35.3515	43.7032	31.6529	4	0
2/4/2016	23:00:00	14.6861	22.4037	35.0366	31.5189	32.8782	4	0
2/5/2016	0:00:00	15.7766	24.5465	33.1799	38.6185	32.674	4	0
2/5/2016	1:00:01	16.3636	25.3558	18.7817	14.3536	31.8571	4	0
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2/5/2016	3:00:00	17.0964	26.1742	12.1565	10.6562	33.0824	4	0
2/5/2016	4:00:00	17.2566	25.9945	11.1563	8.41097	32.2656	4	0
2/5/2016	5:00:00	17.4536	25.5641	11.3339	8.7693	33.0824	4	0
2/5/2016	6:00:01	17.5986	24.3356	11.1283	16.8828	33.4908	4	0
2/5/2016	7:00:01	17.5571	22.5322	6.85042	7.26021	33.2866	4	0
2/5/2016	8:00:00	17.5236	20.4985	8.07191	3.90638	32.674	4	0
2/5/2016	9:00:00	17.4324	17.2961	6.5063	5.31238	33.0824	4	0
2/5/2016	10:00:01	17.4658	14.9665	6.82427	13.3742	33.2866	4	0
2/5/2016	11:00:01	17.5072	12.8316	9.07914	7.19475	32.8782	4	0
2/5/2016	12:00:00	17.4719	10.6457	6.69401	6.97049	33.695	4	0
2/5/2016	13:00:00	17.4363	9.73901	7.76497	1.06599	33.8993	4	0
2/5/2016	14:00:01	17.4601	8.78567	7.74709	10.0103	33.0824	4	0
2/5/2016	15:00:01	17.5362	8.97581	14.4827	19.0538	33.6951	4	0
2/5/2016	16:00:00	17.4684	8.95623	10.831	9.46104	34.1035	4	0
2/5/2016	17:00:00	17.117	8.62367	7.31487	11.0276	32.4698	4	0
2/5/2016	18:00:01	16.4727	8.56204	10.4771	9.55138	33.2866	4	0
2/5/2016	19:00:01	15.7818	9.00219	12.2103	11.2384	33.6951	4	0
2/5/2016	20:00:00	14.9447	9.34569	12.1881	28.3403	33.695	4	0
2/5/2016	21:00:00	14.1046	10.8976	25.3013	23.7142	33.4908	4	0
2/5/2016	22:00:00	13.1902	11.4917	14.5096	5.98427	34.1035	4	0
2/5/2016	23:00:01	12.3633	11.9613	14.7161	13.5419	33.2866	4	0
2/6/2016	0:00:00	12.3633	11.9613	14.7161	25.9793	33.4908	4	0
2/6/2016	1:00:00	12.2855	14.824	27.741	40.5219	33.695	4	0
2/6/2016	2:00:00	12.4397	16.1186	23.4534	33.9489	34.5119	4	0
2/6/2016	3:00:01	13.2416	17.52	31.0986	27.5304	34.1035	4	0
2/6/2016	4:00:01	13.8846	18.8314	26.5109	33.252	34.7161	4	0

2/6/2016	5:00:00	14.3304	20.0491	21.6123	15.3657	33.8993	4	0
2/6/2016	6:00:00	14.6061	20.6756	18.6725	16.1299	34.1035	4	0
2/6/2016	7:00:01	15.4835	21.9981	28.4749	29.1633	34.5119	4	0
2/6/2016	8:00:01	16.3628	23.3796	27.4199	18.9003	34.1035	4	0
2/6/2016	9:00:00	16.7442	22.5041	12.9132	11.1845	33.0824	4	0
2/6/2016	10:00:00	17.1813	22.6682	15.217	9.08012	33.695	4	0
2/6/2016	11:00:01	17.3151	22.3877	10.0896	11.5154	33.4908	4	0
2/6/2016	12:00:01	17.3763	21.3243	7.52909	10.3766	34.1035	4	0
2/6/2016	13:00:01	17.9147	20.6048	18.3467	26.474	34.3077	4	0
2/6/2016	14:00:00	18.1935	19.814	14.8028	13.0964	33.695	4	0
2/6/2016	15:00:00	18.2716	18.4396	14.4274	22.3501	33.0824	4	0
2/6/2016	16:00:01	18.4419	17.4168	15.1535	21.4956	33.2866	4	0
2/6/2016	17:00:01	18.5674	16.4846	11.6182	13.2415	33.2866	4	0
2/6/2016	18:00:00	18.3673	15.6827	12.1214	15.8647	33.8993	4	0
2/6/2016	19:00:00	18.7462	15.1401	23.1513	23.0271	34.1035	4	0
2/6/2016	20:00:01	18.7975	14.0246	14.7389	19.0405	35.1245	4	0
2/6/2016	21:00:01	18.5102	14.5398	19.3296	21.0528	34.7161	4	0
2/6/2016	22:00:01	18.5099	14.5172	14.9394	8.97488	34.7161	4	0
2/6/2016	23:00:00	19.2102	16.0716	26.8744	49.1581	33.695	4	0
2/7/2016	0:00:00	20.493	19.6999	50.7375	45.8509	34.3077	4	0
2/7/2016	1:00:01	20.6799	20.9493	33.5247	35.4926	34.3077	4	0
2/7/2016	2:00:01	22.1584	24.6049	57.6496	59.5408	34.7161	4	0
2/7/2016	3:00:00	23.1608	28.0149	54.2338	42.5647	34.5119	4	0
2/7/2016	4:00:00	23.6371	29.9198	36.6176	43.6752	33.8993	4	0
2/7/2016	5:00:01	24.1901	31.9082	35.3775	36.1565	34.1035	4	0
2/7/2016	6:00:01	24.7684	33.6441	33.0013	35.5064	34.3077	4	0
2/7/2016	7:00:01	24.5711	33.7567	25.3134	20.2544	34.7161	4	0
2/7/2016	8:00:00	24.3045	34.311	21.2353	20.2344	34.1035	4	0
2/7/2016	9:00:00	24.8697	34.8177	23.6156	30.0491	34.3077	4	0
2/7/2016	10:00:01	25.1726	35.4222	22.0892	18.7718	34.1035	4	0
2/7/2016	11:00:01	26.0283	35.6608	29.0845	22.6902	34.5119	4	0
2/7/2016	12:00:00	26.4675	32.8379	17.5863	17.1287	34.3077	4	0
2/7/2016	13:00:00	26.3056	31.1809	14.0395	13.1408	34.3077	4	0
2/7/2016	14:00:01	26.2003	27.2576	11.0655	10.5306	34.5119	4	0
2/7/2016	15:00:01	26.0169	23.4617	9.43552	20.8354	34.3077	4	0
2/7/2016	16:00:00	26.0408	21.6793	15.7837	8.69313	34.5119	4	0

2/7/2016	17:00:00	25.6483	19.0743	5.95791	10.5512	34.9203	4	0
2/7/2016	18:00:00	25.218	16.6259	4.76639	4.84147	35.1245	4	0
2/7/2016	19:00:01	24.259	14.7726	4.18531	4.53961	34.3077	4	0
2/7/2016	20:00:01	23.6948	13.1189	1.32741	2.43055	34.3077	4	0
2/7/2016	21:00:00	22.9856	11.4373	3.43046	2.49117	34.5119	4	0
2/7/2016	22:00:00	22.4974	9.97432	4.5136	4.39702	35.3287	4	0
2/7/2016	23:00:01	21.5422	7.94209	4.31181	4.73924	34.7161	4	0
2/8/2016	0:00:01	19.6591	6.93839	5.22411	-0.814878	34.9203	4	0
2/8/2016	1:00:00	18.5035	6.31586	6.41941	14.8611	34.5119	4	0
2/8/2016	2:00:00	16.1922	5.64627	2.91957	6.63233	35.533	4	0
2/8/2016	3:00:01	14.1616	5.30116	5.11598	5.4741	34.9203	4	0
2/8/2016	4:00:01	12.8939	4.4708	5.50691	4.82383	34.7161	4	0
2/8/2016	5:00:00	11.6757	4.52034	6.54876	8.68227	35.533	4	0
2/8/2016	6:00:00	10.4437	4.42911	3.69058	1.8388	35.7372	4	0
2/8/2016	7:00:00	9.70168	4.7888	8.62256	15.4709	36.1456	4	0
2/8/2016	8:00:01	9.10143	5.25098	6.9622	6.35042	35.7372	4	0
2/8/2016	9:00:01	8.55444	5.83825	10.5979	9.18689	35.7372	4	0
2/8/2016	10:00:00	8.02034	6.21802	9.17977	13.3009	35.9414	4	0
2/8/2016	11:00:00	7.13672	6.40884	6.35483	6.6245	35.7372	4	0
2/8/2016	12:00:01	6.71816	6.57232	7.21252	3.82482	36.1456	4	0
2/8/2016	13:00:01	6.53128	6.80273	9.07807	3.96022	35.7372	4	0
2/8/2016	14:00:00	6.43051	7.2553	8.34936	8.87214	36.1456	4	0
2/8/2016	15:00:00	6.43451	7.60881	9.38449	12.6485	36.3498	4	0
2/8/2016	16:00:01	6.17844	7.91508	9.11182	16.5219	35.9414	4	0
2/8/2016	17:00:01	6.29413	8.09395	8.61665	12.7582	36.3498	4	0
2/8/2016	18:00:00	6.45063	8.49781	8.71246	11.3174	36.3498	4	0
2/8/2016	19:00:00	6.45063	8.49781	8.71246	5.63598	35.7372	4	0
2/8/2016	20:00:00	6.77571	8.32076	6.75765	3.76435	36.3498	4	0
2/8/2016	21:00:01	7.00145	8.17194	8.68266	8.35257	36.3498	4	0
2/8/2016	22:00:01	7.28606	8.36043	11.6504	17.0742	36.3498	4	0
2/8/2016	23:00:00	7.47206	8.5691	8.96433	8.43323	37.3709	4	0
2/9/2016	0:00:00	7.66189	8.78818	9.9348	13.4415	36.554	4	0
2/9/2016	1:00:01	7.69266	8.61893	6.85947	7.08041	36.7582	4	0
2/9/2016	2:00:01	7.84746	8.48707	6.81247	2.5118	36.9624	4	0
2/9/2016	3:00:00	7.99524	8.44172	8.96469	1.65993	36.554	4	0
2/9/2016	4:00:00	8.0887	8.33839	7.91439	12.6628	37.3709	4	0

2/9/2016	5:00:01	8.10901	8.21892	7.26385	12.2207	37.7793	4	0
2/9/2016	6:00:01	8.24199	8.07299	6.88368	12.0585	37.3709	4	0
2/9/2016	7:00:00	8.20728	8.1731	8.07104	11.573	36.9624	4	0
2/9/2016	8:00:00	8.23898	8.25573	7.74398	0.369766	37.9835	4	0
2/9/2016	9:00:01	8.15601	8.24664	8.48233	4.66247	37.5751	4	0
2/9/2016	10:00:01	8.10332	7.93931	7.82909	2.5449	37.5751	4	0
2/9/2016	11:00:01	8.2676	8.03393	9.84252	11.9493	37.7793	4	0
2/9/2016	12:00:00	8.32009	7.90376	8.23659	13.1445	37.5751	4	0
2/9/2016	13:00:00	8.37079	8.18795	10.2746	15.1194	37.9835	4	0
2/9/2016	14:00:01	8.40629	8.37497	8.95552	16.6055	37.3709	4	0
2/9/2016	15:00:01	8.40599	8.4064	9.35148	11.9772	37.5751	4	0
2/9/2016	16:00:01	8.45275	8.59421	10.1774	17.6702	37.1667	4	0
2/9/2016	17:00:00	8.4124	8.63155	7.87476	4.54261	37.5751	4	0
2/9/2016	18:00:00	8.49936	8.96681	11.1048	13.1933	37.9835	4	0
2/9/2016	19:00:01	8.53312	8.92403	7.62784	3.05494	37.9835	4	0
2/9/2016	20:00:01	8.55988	8.89069	7.32928	10.2095	37.5751	4	0
2/9/2016	21:00:00	8.45144	8.68274	5.98655	-0.959674	37.9835	4	0
2/9/2016	22:00:01	8.29498	8.67983	7.8429	11.3577	37.7793	4	0
2/9/2016	23:00:01	8.24142	8.51745	8.11857	11.8051	38.5961	4	0
2/10/2016	0:00:00	8.11018	8.39598	6.78571	5.15297	38.5961	4	0
2/10/2016	1:00:01	8.1707	8.24427	8.46802	13.4128	38.5961	4	0
2/10/2016	2:00:01	8.07554	7.86926	4.27333	0.545076	38.1877	4	0
2/10/2016	3:00:01	7.9482	7.58664	5.92364	5.70524	38.3919	4	0
2/10/2016	4:00:00	7.8575	7.24018	6.08986	4.7022	38.5961	4	0
2/10/2016	5:00:00	7.8132	7.11153	6.33713	10.4616	38.5961	4	0
2/10/2016	6:00:01	7.75953	6.66217	5.61541	5.18269	38.3919	4	0
2/10/2016	7:00:01	7.75131	6.69115	7.97505	12.2053	39.0046	4	0
2/10/2016	8:00:01	7.84383	6.883	9.37571	10.2574	38.1877	4	0
2/10/2016	9:00:00	7.91922	7.2027	9.51694	6.20331	38.1877	4	0
2/10/2016	10:00:00	7.94726	7.21325	7.59485	7.59137	37.7793	4	0
2/10/2016	11:00:01	7.99649	7.4386	10.7686	9.20234	37.3709	4	0
2/10/2016	12:00:01	7.86743	7.28623	4.90616	12.7531	37.9835	4	0
2/10/2016	13:00:00	7.82379	7.32815	8.92906	-2.28726	37.5751	4	0
2/10/2016	14:00:00	7.85196	7.76937	9.56734	14.2971	37.7793	4	0
2/10/2016	15:00:01	7.9915	8.32431	12.5746	21.7675	38.1877	4	0
2/10/2016	16:00:00	8.19434	9.05898	14.8915	17.082	37.7793	4	0

2/10/2016	17:00:01	8.24971	9.3089	9.68864	8.87941	37.5751	4	0
2/10/2016	18:00:01	8.29104	9.86176	12.6184	14.8316	37.5751	4	0
2/10/2016	19:00:00	8.52005	10.2951	13.5163	26.9707	37.9835	4	0
2/10/2016	20:00:00	8.81872	10.7335	15.0877	17.5409	37.9835	4	0
2/10/2016	21:00:00	9.24148	11.294	16.4642	23.9605	38.8004	4	0
2/10/2016	22:00:01	9.57088	11.9764	15.806	13.7198	38.5961	4	0
2/10/2016	23:00:01	9.70499	12.0219	11.0385	0.906205	39.0046	4	0
2/11/2016	0:00:00	9.98751	12.7301	13.0143	13.5209	38.3919	4	0
2/11/2016	1:00:00	10.0507	12.8378	10.4826	19.7287	38.3919	4	0
2/11/2016	2:00:01	10.2585	12.8364	9.83609	15.2823	38.5961	4	0
2/11/2016	3:00:01	10.3904	12.558	8.9916	9.40137	39.0046	4	0
2/11/2016	4:00:00	10.4732	12.039	8.92039	9.62839	39.0046	4	0
2/11/2016	5:00:00	10.5803	12.0057	9.48819	6.12334	39.2088	4	0
2/11/2016	6:00:01	10.8552	12.0102	12.8169	10.7597	39.8214	4	0
2/11/2016	7:00:01	11.0399	11.9442	12.6625	16.7994	40.0256	4	0
2/11/2016	8:00:01	11.5074	12.3482	18.8982	4.88915	38.3919	4	0
2/11/2016	9:00:00	11.6257	11.968	11.3465	12.5735	38.5961	4	0
2/11/2016	10:00:01	11.7437	11.4535	8.96671	6.28533	38.5961	4	0
2/11/2016	11:00:01	11.817	11.504	11.0008	13.1898	38.3919	4	0
2/11/2016	12:00:01	12.1671	11.5426	13.7636	12.8787	37.7793	4	0
2/11/2016	13:00:00	12.3573	11.7499	12.7067	14.6362	37.7793	4	0
2/11/2016	14:00:00	12.2621	11.4959	6.59993	5.88749	37.7793	4	0
2/11/2016	15:00:01	12.73	12.7153	23.6873	52.4486	37.3709	4	0
2/11/2016	16:00:01	12.9415	13.631	20.1543	16.5828	38.1877	4	0
2/11/2016	17:00:01	12.7746	13.3128	6.00624	11.8661	38.1877	4	0
2/11/2016	18:00:00	12.8485	13.4601	15.3112	36.2559	37.5751	4	0
2/11/2016	19:00:00	13.9911	15.8018	41.0606	59.4685	38.3919	4	0
2/11/2016	20:00:01	14.4212	16.3175	25.1855	6.1343	38.3919	4	0
2/11/2016	21:00:01	14.1492	16.2001	9.97923	17.6345	37.9835	4	0
2/11/2016	22:00:00	14.3099	17.1454	21.1214	39.5926	38.5961	4	0
2/11/2016	23:00:00	14.5242	17.607	16.9227	15.7484	38.8004	4	0
2/12/2016	0:00:01	14.7407	17.9487	17.1389	22.771	37.9835	4	0
2/12/2016	1:00:01	15.0232	18.3105	16.4852	15.9048	38.1877	4	0
2/12/2016	2:00:01	15.1777	18.8644	12.4939	7.74125	37.9835	4	0
2/12/2016	3:00:00	15.2671	17.8056	10.5375	15.377	38.1877	4	0
2/12/2016	4:00:00	15.3476	17.0318	10.7856	15.3117	38.5961	4	0

2/12/2016	5:00:01	15.3956	17.443	11.1078	8.72044	37.5751	4	0
2/12/2016	6:00:01	15.204	16.8996	9.3193	4.15675	39.2088	4	0
2/12/2016	7:00:00	15.4879	15.0728	18.9488	56.9069	37.7793	4	0
2/12/2016	8:00:00	15.5091	14.5993	19.5232	25.3214	38.1877	4	0
2/12/2016	9:00:00	15.7572	15.2336	17.7714	22.4339	38.3919	4	0
2/12/2016	10:00:01	16.156	15.0037	18.5253	20.8915	38.3919	4	0
2/12/2016	11:00:01	16.385	14.913	15.6509	11.6779	38.1877	4	0
2/12/2016	12:00:00	16.255	14.3698	10.828	13.6566	38.1877	4	0
2/12/2016	13:00:00	16.5908	14.6077	18.5627	25.3474	37.7793	4	0
2/12/2016	14:00:01	17.2649	15.4648	22.957	22.5882	37.1667	4	0
2/12/2016	15:00:01	17.1729	16.4926	23.9196	38.7743	37.5751	4	0
2/12/2016	16:00:00	17.3003	17.5565	23.8152	14.4057	37.5751	4	0
2/12/2016	17:00:00	17.8989	18.4263	22.6828	13.07	38.3919	4	0
2/12/2016	18:00:00	17.7075	18.6406	13.0904	13.6919	38.8004	4	0
2/12/2016	19:00:01	16.5262	18.1681	13.7343	10.3439	39.0046	4	0
2/12/2016	20:00:01	15.9945	17.6185	13.174	12.655	39.0046	4	0
2/12/2016	21:00:00	15.971	16.97	10.145	9.64644	39.2088	4	0
2/12/2016	22:00:00	15.4648	16.2614	10.6604	13.0744	39.6172	4	0
2/12/2016	23:00:01	15.0255	15.5503	7.30836	4.79669	39.8214	4	0
2/13/2016	0:00:01	14.5837	15.2401	7.50051	8.25868	40.434	4	0
2/13/2016	1:00:01	14.189	14.3564	7.86719	10.3656	40.2298	4	0
2/13/2016	2:00:00	13.9492	13.0663	6.55826	8.96543	39.8214	4	0
2/13/2016	3:00:01	13.7588	11.688	6.97268	9.47132	40.4341	4	0
2/13/2016	4:00:01	13.5584	10.2444	5.44497	2.83349	39.8214	4	0
2/13/2016	5:00:00	13.3478	8.95271	6.65205	7.31146	41.4551	4	0
2/13/2016	6:00:00	13.1977	8.35806	5.62477	2.08551	40.8425	4	0
2/13/2016	7:00:01	12.9564	8.29094	12.6133	42.2802	41.4551	4	0
2/13/2016	8:00:01	12.6706	8.10186	10.1791	9.62853	40.6383	4	0
2/13/2016	9:00:00	12.3741	8.05616	9.24095	12.2735	40.2298	4	0
2/13/2016	10:00:00	11.9612	7.80073	7.326	5.85492	40.2298	4	0
2/13/2016	11:00:01	11.7101	7.87369	7.81721	11.5207	40.0256	4	0
2/13/2016	12:00:01	11.7194	8.06511	9.46462	3.68864	39.413	4	0
2/13/2016	13:00:01	11.4354	8.28615	10.3558	12.7175	39.413	4	0
2/13/2016	14:00:00	10.7274	8.1592	4.99397	6.70228	39.0046	4	0
2/13/2016	15:00:00	10.1203	8.27358	8.22847	20.2583	39.0046	4	0
2/13/2016	16:00:01	9.39184	8.32865	6.3217	3.73419	38.8003	4	0

2/13/2016	17:00:01	8.76246	8.39874	7.84655	10.9635	39.0046	4	0
2/13/2016	18:00:00	8.5302	8.54303	7.45091	1.80601	39.6172	4	0
2/13/2016	19:00:00	8.98527	9.54163	25.1568	19.3572	39.6172	4	0
2/13/2016	20:00:01	9.1412	10.1074	17.4045	6.38458	40.2298	4	0
2/13/2016	21:00:01	9.20116	10.2769	11.1163	6.43718	39.413	4	0
2/13/2016	22:00:00	9.21065	10.5657	10.7669	5.8023	39.413	4	0
2/13/2016	23:00:00	9.39659	10.8713	11.0961	3.12005	40.2298	4	0
2/14/2016	0:00:01	9.4125	10.7462	8.03975	13.237	40.0256	4	0
2/14/2016	1:00:01	9.39911	10.5103	7.34742	12.5817	39.8214	4	0
2/14/2016	2:00:01	9.43197	10.707	7.24965	2.52465	39.2088	4	0
2/14/2016	3:00:00	9.53742	10.8188	9.45732	11.2696	39.0046	4	0
2/14/2016	4:00:00	9.67454	11.0217	8.68001	7.873	39.6172	4	0
2/14/2016	5:00:01	10.4491	12.4877	25.5888	26.2542	39.6172	4	0
2/14/2016	6:00:01	10.5052	12.4554	7.10247	9.27513	39.2088	4	0
2/14/2016	7:00:00	10.2583	10.9158	6.63664	12.7576	39.413	4	0
2/14/2016	8:00:00	10.4115	10.6024	13.6304	31.0926	40.4341	4	0
2/14/2016	9:00:00	11.7864	13.1884	42.11	39.0778	39.6172	4	0
2/14/2016	10:00:00	)ttawa reported by An	0	0	0	39.6172	3	0
2/14/2016	11:00:00	0	0	0	0	39.413	3	0
2/14/2016	12:00:00	0	0	0	8.43432	39.413	4	0
2/14/2016	13:00:01	0	0	0	9.73758	38.8004	4	0
2/14/2016	14:00:01	0	0	6.04772	8.74052	38.5961	4	0
2/14/2016	15:00:00	0	0	6.72129	7.6321	39.413	4	0
2/14/2016	16:00:00	0	0	8.03079	8.2817	38.8004	4	0
2/14/2016	17:00:01	0	0	9.86022	11.5432	39.413	4	0
2/14/2016	18:00:01	0	0	8.30439	6.38615	39.413	4	0
2/14/2016	19:00:00	0	0	8.5833	11.6852	39.6172	4	0
2/14/2016	20:00:01	0	0	9.3421	10.4995	39.8214	4	0
2/14/2016	21:00:01	0	0	8.55741	6.71714	38.8004	4	0
2/14/2016	22:00:01	0	0	10.0003	9.05924	39.6172	4	0
2/14/2016	23:00:00	0	0	8.34366	9.35168	39.2088	4	0
2/15/2016	0:00:00	0	0	9.95623	8.10628	39.413	4	0
2/15/2016	1:00:00	0	8.59398	9.04582	10.1015	38.8004	4	0
2/15/2016	2:00:01	0	8.99479	10.7792	8.61646	39.0046	4	0
2/15/2016	3:00:00	0	9.15542	8.56488	7.92735	40.0256	4	0
2/15/2016	4:00:00	0	9.35908	10.4775	13.2835	38.8004	4	0

2/15/2016	5:00:01	0	9.66255	13.4762	12.4395	39.413	4	0
2/15/2016	6:00:00	0	10.0972	13.485	11.9557	38.5961	4	0
2/15/2016	7:00:00	0	10.244	10.4339	9.90388	39.413	4	0
2/15/2016	8:00:00	0	10.7722	15.3742	17.9411	39.6172	4	0
2/15/2016	9:00:01	0	12.185	25.5069	28.2012	38.3919	4	0
2/15/2016	10:00:01	0	13.5003	25.5229	24.7504	38.8004	4	0
2/15/2016	11:00:00	0	14.4819	19.9018	17.04	38.5962	4	0
2/15/2016	12:00:00	0	14.79	13.3863	11.4154	38.8004	4	0
2/15/2016	13:00:01	11.9214	15.121	13.034	15.7621	39.2088	4	0
2/15/2016	14:00:01	12.2468	15.3718	13.968	13.3475	38.3919	4	0
2/15/2016	15:00:00	12.6568	16.0395	16.7203	18.7609	38.5961	4	0
2/15/2016	16:00:01	12.9544	16.4312	15.3094	14.1453	39.0046	4	0
2/15/2016	17:00:01	12.9697	16.1852	11.2379	13.5683	38.5961	4	0
2/15/2016	18:00:01	13.0599	15.9262	10.338	7.71556	39.0046	4	0
2/15/2016	19:00:00	13.1063	15.8874	10.4383	13.5106	39.0046	4	0
2/15/2016	20:00:00	13.0137	15.2118	7.46334	10.4524	39.2088	4	0
2/15/2016	21:00:01	13.027	13.8216	8.85146	9.68422	40.0256	4	0
2/15/2016	22:00:01	13.0442	12.5613	10.3085	10.4264	39.0046	4	0
2/15/2016	23:00:00	13.0281	11.5917	8.39716	7.25597	40.2298	4	0
2/16/2016	0:00:00	12.8905	11.019	6.24544	7.20647	39.6172	4	0
2/16/2016	1:00:01	12.8169	10.5865	8.05726	4.84999	39.413	4	0
2/16/2016	2:00:01	12.7265	10.1381	8.40851	4.31868	38.8004	4	0
2/16/2016	3:00:00	12.6223	9.22482	5.49649	4.37084	39.0046	4	0
2/16/2016	4:00:00	12.3798	8.39531	5.54891	7.11453	39.0046	4	0
2/16/2016	5:00:00	12.0854	8.00203	6.49538	14.0758	39.413	4	0
2/16/2016	6:00:01	11.8626	7.81948	8.08675	7.91642	39.0046	4	0
2/16/2016	7:00:00	11.7297	7.64103	8.61928	12.7129	39.413	4	0
2/16/2016	8:00:00	11.5232	7.85606	9.88025	9.68778	39.413	4	0
2/16/2016	9:00:01	10.8157	7.78889	7.80571	7.34431	39.6172	4	0
2/16/2016	10:00:01	10.2452	7.83064	10.3386	18.5468	38.5961	4	0
2/16/2016	11:00:00	10.1215	8.54951	17.0789	11.2616	39.8214	4	0
2/16/2016	12:00:00	9.90096	8.71989	8.42046	4.96499	40.2298	4	0
2/16/2016	13:00:01	9.72775	8.74825	8.12635	7.99533	39.413	4	0
2/16/2016	14:00:01	9.58779	8.97533	11.5737	14.7047	39.413	4	0
2/16/2016	15:00:00	9.45412	9.65504	13.7562	25.6171	39.8214	4	0
2/16/2016	16:00:00	9.44211	10.4496	15.1578	8.40447	39.6172	4	0

2/16/2016	17:00:01	9.28296	10.5384	7.75701	10.5115	39.6172	4	0
2/16/2016	18:00:01	9.30439	10.7673	10.8295	12.9345	39.6172	4	0
2/16/2016	19:00:00	9.32907	10.9669	11.0824	10.0927	39.413	4	0
2/16/2016	20:00:00	9.40561	10.923	9.53023	10.9397	39.413	4	0
2/16/2016	21:00:00	9.43596	11.0663	9.42923	9.64112	39.0046	4	0
2/16/2016	22:00:01	9.42543	11.049	10.0871	12.9606	39.6172	4	0
2/16/2016	23:00:00	9.51185	10.5237	10.9229	10.0507	39.6172	4	0
2/17/2016	0:00:01	9.69707	10.754	11.7079	17.916	39.8214	4	0
2/17/2016	1:00:01	9.85269	11.0473	11.2549	10.8666	40.0256	4	0
2/17/2016	2:00:00	9.91194	10.9203	10.1389	8.17373	39.2088	4	0
2/17/2016	3:00:00	10.1474	10.7617	12.3841	15.975	40.6383	4	0
2/17/2016	4:00:01	10.3708	10.4385	11.2328	17.0687	40.4341	4	0
2/17/2016	5:00:00	10.5936	10.7561	11.1859	10.7013	40.4341	4	0
2/17/2016	6:00:00	10.6989	10.7392	10.4641	9.67445	40.8425	4	0
2/17/2016	7:00:01	10.7499	10.6485	9.93263	6.02923	39.8214	4	0
2/17/2016	8:00:01	10.8121	10.8083	11.3938	10.1805	40.2298	4	0
2/17/2016	9:00:00	10.8593	10.773	8.93458	8.93658	40.4341	4	0
2/17/2016	10:00:00	11.0029	11.0762	13.6108	22.592	41.0467	4	0
2/17/2016	11:00:01	10.7856	11.0796	10.1655	10.5955	40.6383	4	0
2/17/2016	12:00:01	10.7672	10.7562	7.78493	10.6571	41.4551	4	0
2/17/2016	13:00:00	10.709	10.3811	6.84084	5.55659	41.2509	4	0
2/17/2016	14:00:00	10.5765	10.2314	8.39111	7.20336	40.4341	4	0
2/17/2016	15:00:01	10.2657	9.73258	6.71154	7.77376	40.8425	4	0
2/17/2016	16:00:01	9.88323	9.26387	5.53808	8.41736	41.0467	4	0
2/17/2016	17:00:00	9.88323	9.26387	5.53808	-1.3504	41.6593	4	0
2/17/2016	18:00:00	9.92601	9.16051	14.9766	13.5293	41.0467	4	0
2/17/2016	19:00:00	9.92856	9.28899	11.7692	14.321	41.4551	4	0
2/17/2016	20:00:01	9.97017	9.20656	10.2792	7.93881	41.0467	4	0
2/17/2016	21:00:00	10.1571	9.61276	13.7489	12.0717	40.6383	4	0
2/17/2016	22:00:00	10.164	9.32373	10.015	8.29234	40.4341	4	0
2/17/2016	23:00:01	10.2608	9.54445	12.416	12.0998	40.8425	4	0
2/18/2016	0:00:01	10.3015	9.94967	12.5751	20.2506	40.6383	4	0
2/18/2016	1:00:00	10.1976	10.1078	8.73029	8.66313	41.4551	4	0
2/18/2016	2:00:00	10.1865	10.2371	9.96077	11.6662	41.2509	4	0
2/18/2016	3:00:01	10.1364	10.6207	11.4303	19.3125	41.0467	4	0
2/18/2016	4:00:01	10.0905	11.0325	10.8704	15.3639	41.2509	4	0

2/18/2016	5:00:00	10.068	11.3907	10.2487	18.6316	41.2509	4	0
2/18/2016	6:00:00	10.0305	10.9162	8.88872	14.698	41.0467	4	0
2/18/2016	7:00:01	10.1731	11.0358	13.1421	16.755	41.0467	4	0
2/18/2016	8:00:01	10.2916	11.3236	13.2458	15.5771	40.8425	4	0
2/18/2016	9:00:01	10.5033	11.2966	12.961	16.7144	41.2509	4	0
2/18/2016	10:00:00	10.6645	11.8525	15.8857	22.9602	40.2298	4	0
2/18/2016	11:00:00	11.35	12.9998	26.0177	28.2868	40.6383	4	0
2/18/2016	12:00:01	12.2004	14.255	27.377	37.2342	40.2298	4	0
2/18/2016	13:00:01	13.2126	16.0741	30.0295	28.8321	39.8214	4	0
2/18/2016	14:00:00	14.174	17.8386	31.0446	28.3111	39.6172	4	0
2/18/2016	15:00:01	14.7862	18.6187	20.4499	15.1877	39.8214	4	0
2/18/2016	16:00:01	15.1865	18.9603	15.5923	14.4391	40.2298	4	0
2/18/2016	17:00:00	15.4456	19.1109	12.2177	12.7728	40.0256	4	0
2/18/2016	18:00:00	15.2544	19.2776	11.6561	14.0394	40.4341	4	0
2/18/2016	19:00:00	15.4191	19.475	15.5554	14.169	40.0256	4	0
2/18/2016	20:00:01	15.4131	19.233	11.1466	13.7712	39.6172	4	0
2/18/2016	21:00:01	15.3365	19.1768	12.8957	12.3502	40.4341	4	0
2/18/2016	22:00:00	15.4341	18.8536	11.449	10.8907	40.0256	4	0
2/18/2016	23:00:00	15.6282	18.0688	16.2494	18.8426	40.0256	4	0
2/19/2016	0:00:01	16.5513	18.6109	33.1905	36.5272	39.2088	4	0
2/19/2016	1:00:00	17.6831	19.0577	35.4405	38.5546	39.6172	4	0
2/19/2016	2:00:00	18.9312	19.7521	39.3883	50.6446	39.0046	4	0
2/19/2016	3:00:01	20.9014	22.9031	57.8362	65.5206	39.6172	4	0
2/19/2016	4:00:01	22.8901	26.4471	57.4783	56.4532	39.413	4	0
2/19/2016	5:00:00	24.588	29.7026	51.4677	54.2969	39.413	4	0
2/19/2016	6:00:01	26.2293	32.7652	48.563	53.8076	39.2088	4	0
2/19/2016	7:00:01	28.0605	36.2198	56.5447	50.1779	39.2088	4	0
2/19/2016	8:00:01	29.9782	40.1577	56.1587	70.3714	40.0256	4	0
2/19/2016	9:00:00	31.5109	43.1041	44.8463	42.9978	39.2088	4	0
2/19/2016	10:00:00	32.6294	45.6328	38.8781	34.5125	39.413	4	0
2/19/2016	11:00:01	35.1773	51.4768	82.554	147.462	39.413	4	0
2/19/2016	12:00:01	42.7437	66.2278	214.327	207.719	38.8004	4	0
2/19/2016	13:00:00	49.2583	78.8312	187.983	233.832	39.0046	4	0
2/19/2016	14:00:01	54.6156	88.9338	165.179	126.315	38.8004	4	0
2/19/2016	15:00:01	57.4784	91.6022	97.1863	109.524	39.6172	4	0
2/19/2016	16:00:00	58.0074	89.1869	31.94	17.8461	40.0256	4	0

2/19/2016	17:00:00	57.8994	85.7682	14.9862	22.3331	40.2298	4	0
2/19/2016	18:00:01	57.5872	82.3314	16.7248	11.9317	39.8214	4	0
2/19/2016	19:00:01	56.971	77.8633	7.12218	5.46464	40.6383	4	0
2/19/2016	20:00:00	56.3443	73.1708	5.01837	4.6397	40.4341	4	0
2/19/2016	21:00:00	56	69.964	6.0952	8.15164	39.8214	4	0
2/19/2016	22:00:00	55.795	67.3598	6.10004	2.74796	40.6383	4	0
2/19/2016	23:00:00	55.3072	61.1642	5.21456	4.86603	40.0256	4	0
2/20/2016	0:00:00	53.9696	44.3048	6.21664	5.72119	40.8425	4	0
2/20/2016	1:00:00	52.9365	29.9864	7.87149	18.591	40.2298	4	0
2/20/2016	2:00:00	53.0739	20.859	51.1745	67.2156	41.2509	4	0
2/20/2016	3:00:01	53.5585	18.3557	63.0884	55.3984	40.8425	4	0
2/20/2016	4:00:01	53.267	19.7178	47.067	38.8964	40.0256	4	0
2/20/2016	5:00:00	52.6278	21.2531	32.6521	28.1788	40.6383	4	0
2/20/2016	6:00:00	51.5155	21.7537	22.8131	28.9147	40.6383	4	0
2/20/2016	7:00:01	49.6747	22.5067	17.2253	14.8903	40.6383	4	0
2/20/2016	8:00:01	48.3312	23.3508	13.0504	15.3639	40.4341	4	0
2/20/2016	9:00:00	47.6935	24.6024	18.9034	20.655	40.2298	4	0
2/20/2016	10:00:00	46.7393	25.3575	15.1951	12.7997	40.8425	4	0
2/20/2016	11:00:01	43.8928	25.8784	11.3589	9.24848	41.2509	4	0
2/20/2016	12:00:01	35.6341	26.2096	9.90021	9.71807	40.4341	4	0
2/20/2016	13:00:00	28.4738	26.387	8.65164	10.8832	40.6383	4	0
2/20/2016	14:00:00	22.0255	22.6383	7.11402	9.25469	40.2298	4	0
2/20/2016	15:00:00	18.4283	18.0989	10.154	20.5686	40.2298	4	0
2/20/2016	16:00:01	17.4919	14.9061	10.1098	10.9459	40.4341	4	0
2/20/2016	17:00:00	17.2173	12.8982	9.50381	10.656	40.6383	4	0
2/20/2016	18:00:00	16.6735	11.487	7.28395	6.79121	41.0467	4	0
2/20/2016	19:00:01	16.6142	10.6622	8.14326	10.9525	40.8425	4	0
2/20/2016	20:00:01	16.5987	10.0639	6.20801	6.13056	41.2509	4	0
2/20/2016	21:00:01	16.6224	9.15166	7.91628	9.39668	41.6593	4	0
2/20/2016	22:00:00	16.5915	8.44751	6.72655	7.18624	41.4551	4	0
2/20/2016	23:00:00	16.5846	8.00165	5.93419	5.53098	41.4551	4	0
2/21/2016	0:00:01	16.5837	7.75009	6.75988	5.09183	41.6593	4	0
2/21/2016	1:00:01	16.546	7.68791	7.839	9.09269	42.0678	4	0
2/21/2016	2:00:01	14.7362	7.70849	7.21027	6.60056	41.4551	4	0
2/21/2016	3:00:00	12.4071	7.35191	5.42498	3.49414	41.4551	4	0
2/21/2016	4:00:01	10.7519	7.09904	6.89059	7.79739	41.6593	4	0

2/21/2016	5:00:01	9.72428	6.93531	7.28913	7.17952	42.272	4	0
2/21/2016	6:00:00	9.04334	6.84854	6.16602	6.86864	41.0467	4	0
2/21/2016	7:00:00	8.59666	6.72643	6.71617	7.45262	42.0678	4	0
2/21/2016	8:00:01	8.34421	6.73226	5.97767	9.56649	41.6593	4	0
2/21/2016	9:00:01	8.04326	6.98201	10.7088	11.2212	41.2509	4	0
2/21/2016	10:00:00	7.77617	7.12653	8.47703	9.52175	41.6593	4	0
2/21/2016	11:00:00	7.64531	7.28055	7.64669	6.84747	41.6593	4	0
2/21/2016	12:00:00	7.54893	7.33175	7.39812	7.97738	42.272	4	0
2/21/2016	13:00:00	7.49285	7.2413	6.51972	6.38625	41.4551	4	0
2/21/2016	14:00:01	7.44991	7.12639	5.83107	3.32262	41.4551	4	0
2/21/2016	15:00:01	7.33521	7.28219	7.45179	7.34671	42.0678	4	0
2/21/2016	16:00:00	7.13426	7.13893	5.35839	6.11648	41.4551	4	0
2/21/2016	17:00:00	7.04834	7.14829	7.62233	6.55037	41.4551	4	0
2/21/2016	18:00:01	6.98468	7.11932	6.01663	5.10221	42.272	4	0
2/21/2016	19:00:01	6.97734	7.21608	7.92911	9.0113	41.6593	4	0
2/21/2016	20:00:00	7.02402	7.32122	7.18984	8.14119	41.8635	4	0
2/21/2016	21:00:00	6.9655	6.98319	6.76498	6.46383	42.272	4	0
2/21/2016	22:00:01	6.92459	6.76593	5.93508	7.32898	42.0677	4	0
2/21/2016	23:00:00	6.96583	6.69244	6.55348	8.44063	42.272	4	0
2/22/2016	0:00:01	7.19982	7.12972	12.7988	20.2205	41.6593	4	0
2/22/2016	1:00:01	7.30438	7.4696	10.7309	8.79156	42.4762	4	0
2/22/2016	2:00:00	7.24004	7.48438	6.27481	5.6006	43.293	4	0
2/22/2016	3:00:01	7.21734	7.27566	4.80669	7.57603	42.6804	4	0
2/22/2016	4:00:01	7.31516	7.6104	9.46466	4.14354	42.8846	4	0
2/22/2016	5:00:00	7.41347	7.77955	9.51863	0.181148	43.0888	4	0
2/22/2016	6:00:00	7.54521	8.06924	9.6187	11.8424	43.293	4	0
2/22/2016	7:00:01	7.59092	8.05903	7.6406	12.3424	43.4972	4	0
2/22/2016	8:00:01	8.15861	9.03791	18.0693	36.6236	42.0678	4	0
2/22/2016	9:00:00	8.75008	10.5062	23.7413	13.07	42.6804	4	0
2/22/2016	10:00:00	9.17194	11.526	17.448	18.991	42.4762	4	0
2/22/2016	11:00:00	9.66249	12.5913	19.2659	18.6498	42.8846	4	0
2/22/2016	12:00:01	9.91424	12.6059	12.4755	7.50955	42.8846	4	0
2/22/2016	13:00:00	10.4836	13.3575	19.5021	17.9106	42.0678	4	0
2/22/2016	14:00:00	10.6997	13.7425	10.9934	14.028	42.0678	4	0
2/22/2016	15:00:01	10.9918	14.5462	14.569	20.9945	41.8635	4	0
2/22/2016	16:00:01	11.7029	15.6236	23.1385	29.1056	42.4762	4	0

2/22/2016	17:00:01	11.8528	15.7543	11.4554	16.5104	42.272	4	0
2/22/2016	18:00:00	13.1891	18.17	40.5695	54.8299	42.4762	4	0
2/22/2016	19:00:00	15.4816	22.7559	62.3039	28.9621	42.272	4	0
2/22/2016	20:00:01	15.8438	22.5693	16.5392	17.2093	41.6593	4	0
2/22/2016	21:00:01	15.9965	21.4992	12.2428	9.37056	42.0678	4	0
2/22/2016	22:00:00	16.2128	21.0184	12.3472	10.6087	42.272	4	0
2/22/2016	23:00:01	16.2874	20.1916	10.4583	13.0581	43.0888	4	0
2/23/2016	0:00:01	16.0877	19.844	8.20421	8.15235	43.293	4	0
2/23/2016	1:00:01	16.0606	19.131	10.943	16.3746	43.293	4	0
2/23/2016	2:00:00	16.2188	19.0807	10.144	2.20163	43.0888	4	0
2/23/2016	3:00:00	16.4634	18.8023	11.009	4.72654	43.4972	4	0
2/23/2016	4:00:01	16.6878	18.1504	14.3938	19.5236	42.8846	4	0
2/23/2016	5:00:01	16.8127	18.2935	13.3492	17.442	43.9057	4	0
2/23/2016	6:00:00	17.0342	16.265	15.7731	17.1767	44.3141	4	0
2/23/2016	7:00:00	17.3587	12.4574	14.8382	19.8367	43.4972	4	0
2/23/2016	8:00:01	17.3774	12.4886	15.8295	12.7962	43.293	4	0
2/23/2016	9:00:01	17.277	13.0459	17.7669	30.7563	43.293	4	0
2/23/2016	10:00:00	17.6263	13.9862	22.6382	19.0166	42.272	4	0
2/23/2016	11:00:00	17.7792	14.9469	21.6865	26.6008	42.6804	4	0
2/23/2016	12:00:01	18.1192	15.8241	17.7046	22.0156	43.0888	4	0
2/23/2016	13:00:00	18.1098	16.4774	18.929	25.4035	42.6804	4	0
2/23/2016	14:00:00	18.2744	16.8223	14.2502	16.2413	42.4762	4	0
2/23/2016	15:00:00	18.2734	17.0657	14.0044	15.9788	42.4762	4	0
2/23/2016	16:00:01	18.2897	17.7996	23.6469	38.095	42.6804	4	0
2/23/2016	17:00:00	18.6631	18.4548	22.6882	15.9434	43.9057	4	0
2/23/2016	18:00:00	17.6915	18.6726	20.0231	24.2903	43.7015	4	0
2/23/2016	19:00:00	15.8362	18.9397	18.8651	20.4688	42.6804	4	0
2/23/2016	20:00:01	15.5585	18.4417	10.3982	13.7832	43.7015	4	0
2/23/2016	21:00:01	15.4423	17.7805	10.5662	5.97471	43.4972	4	0
2/23/2016	22:00:00	15.2817	16.5986	8.14709	8.24271	43.293	4	0
2/23/2016	23:00:01	15.1703	15.4821	8.44824	6.27996	42.8846	4	0
2/24/2016	0:00:01	15.0971	14.5895	6.96325	5.57394	43.4973	4	0
2/24/2016	1:00:01	14.9094	13.5606	6.06279	3.62643	42.8846	4	0
2/24/2016	2:00:00	14.6885	12.779	4.43297	5.87299	43.7015	4	0
2/24/2016	3:00:00	14.5308	12.2029	6.55916	7.66309	42.8846	4	0
2/24/2016	4:00:01	14.1772	10.7626	5.97973	5.99997	43.4973	4	0

2/24/2016	5:00:01	13.8505	9.35548	5.57818	6.91385	42.8846	4	0
2/24/2016	6:00:00	13.4391	8.15538	5.38931	4.48615	42.4762	4	0
2/24/2016	7:00:01	13.0789	7.14059	6.81963	6.25938	42.4762	4	0
2/24/2016	8:00:01	13.0287	7.52163	15.0306	16.103	42.6804	4	0
2/24/2016	9:00:00	12.7781	7.59284	11.3665	11.1636	42.0677	4	0
2/24/2016	10:00:00	12.3245	7.87634	11.5077	12.189	43.293	4	0
2/24/2016	11:00:01	12.0705	8.48486	15.8681	21.1401	42.4762	4	0
2/24/2016	12:00:01	11.8081	8.87787	11.8984	13.3072	42.8846	4	0
2/24/2016	13:00:01	11.4286	9.18594	9.82479	11.854	43.293	4	0
2/24/2016	14:00:00	11.1887	9.47801	7.67107	5.65435	43.0888	4	0
2/24/2016	15:00:00	10.932	9.61759	8.59039	9.8183	43.9057	4	0
2/24/2016	16:00:01	10.2415	9.69239	6.90827	7.36348	42.8846	4	0
2/24/2016	17:00:00	9.6044	9.8463	7.55541	8.70418	42.6804	4	0
2/24/2016	18:00:00	9.09863	10.054	7.85212	9.05102	43.0888	4	0
2/24/2016	19:00:00	8.59906	10.063	6.90961	6.72898	43.4972	4	0
2/24/2016	20:00:01	8.43452	9.36083	6.7341	7.98089	43.4972	4	0
2/24/2016	21:00:01	8.29454	9.01963	7.18451	7.35056	44.3141	4	0
2/24/2016	22:00:00	8.23408	8.63568	6.96692	7.12825	43.9057	4	0
2/24/2016	23:00:01	8.13068	7.81719	5.89124	6.58646	42.8846	4	0
2/25/2016	0:00:01	8.1181	7.39748	6.90658	7.09684	43.9057	4	0
2/25/2016	1:00:01	8.13163	7.12129	6.51039	5.08986	43.0888	4	0
2/25/2016	2:00:00	8.19648	6.99424	6.15633	5.99858	42.8846	4	0
2/25/2016	3:00:01	8.12657	6.68788	4.86983	5.2165	43.7015	4	0
2/25/2016	4:00:01	8.0986	6.55628	5.30068	4.83389	43.9057	4	0
2/25/2016	5:00:01	8.10133	6.40744	5.79317	5.55986	43.7015	4	0
2/25/2016	6:00:00	8.13999	6.29038	6.45997	8.56694	44.3141	4	0
2/25/2016	7:00:00	8.16051	6.36162	7.92177	5.67517	44.1099	4	0
2/25/2016	8:00:01	7.77842	6.27171	5.5764	5.2018	43.9057	4	0
2/25/2016	9:00:00	7.53872	6.13042	5.42173	8.50896	44.1099	4	0
2/25/2016	10:00:00	7.5056	6.41063	10.1579	10.0218	43.293	4	0
2/25/2016	11:00:00	7.30708	6.83133	10.9201	8.75423	43.9057	4	0
2/25/2016	12:00:01	7.25042	7.12041	10.2926	7.84738	44.3141	4	0
2/25/2016	13:00:01	7.21943	7.31524	8.6754	11.3987	44.3141	4	0
2/25/2016	14:00:00	7.38882	7.77964	11.783	10.1716	43.4972	4	0
2/25/2016	15:00:00	7.5338	8.39381	12.5054	16.1163	44.5183	4	0
2/25/2016	16:00:01	7.73748	8.93166	11.7379	12.0542	44.5183	4	0

2/25/2016	17:00:00	7.74807	9.11089	8.22631	7.54725	44.1099	4	0
2/25/2016	18:00:00	7.6975	9.13453	7.00428	6.82195	44.7225	4	0
2/25/2016	19:00:01	7.86144	9.38033	10.9911	17.8417	44.7225	4	0
2/25/2016	20:00:01	7.85812	9.46778	6.65269	6.2429	44.3141	4	0
2/25/2016	21:00:00	7.825	9.53713	6.09003	6.55551	44.1099	4	0
2/25/2016	22:00:00	7.8238	9.27932	7.20768	7.64658	44.5183	4	0
2/25/2016	23:00:00	7.77666	8.77999	5.01809	4.26964	44.7225	4	0
2/26/2016	0:00:01	7.7055	8.35552	5.02568	5.03349	44.9267	4	0
2/26/2016	1:00:01	7.70695	8.18792	6.64204	6.14926	44.3141	4	0
2/26/2016	2:00:00	7.70711	7.74746	6.53755	-0.960974	44.7225	4	0
2/26/2016	3:00:01	7.6842	7.10012	4.76697	3.66614	44.9267	4	0
2/26/2016	4:00:01	7.63561	6.49372	4.36432	4.05633	45.3352	4	0
2/26/2016	5:00:01	7.66517	6.34854	6.34228	10.1709	44.7225	4	0
2/26/2016	6:00:00	7.65136	6.30397	6.58225	8.74734	45.3352	4	0
2/26/2016	7:00:00	7.64152	6.0302	7.53855	11.7197	46.152	4	0
2/26/2016	8:00:01	7.76478	6.15351	7.88705	12.2636	44.5183	4	0
2/26/2016	9:00:00	7.73953	6.0092	4.10348	-1.81411	44.9267	4	0
2/26/2016	10:00:00	7.73768	6.23479	9.84598	11.6669	44.5183	4	0
2/26/2016	11:00:00	7.95964	7.14669	15.8758	11.2639	44.5183	4	0
2/26/2016	12:00:01	8.2947	8.24091	18.1133	18.58	44.7225	4	0
2/26/2016	13:00:00	8.58907	8.98779	15.5878	22.6479	45.1309	4	0
2/26/2016	14:00:00	8.69012	9.59711	13.6575	10.6941	44.7225	4	0
2/26/2016	15:00:01	8.68095	10.2112	12.1283	18.4692	44.5183	4	0
2/26/2016	16:00:01	8.69103	10.8358	11.8783	7.83989	44.5183	4	0
2/26/2016	17:00:01	8.71286	11.0308	8.77084	7.07498	44.7225	4	0
2/26/2016	18:00:00	8.74422	11.1183	7.60046	7.23782	44.5183	4	0
2/26/2016	19:00:01	9.06065	12.0304	18.557	26.9105	44.7225	4	0
2/26/2016	20:00:01	9.99635	13.8017	29.4927	35.0906	44.5183	4	0
2/26/2016	21:00:00	11.1538	16.2923	34.4983	29.4906	45.1309	4	0
2/26/2016	22:00:00	12.0722	17.9076	29.2678	28.0868	45.3352	4	0
2/26/2016	23:00:01	12.8912	18.6422	24.6847	25.2328	44.9267	4	0
2/27/2016	0:00:01	13.6176	19.0099	22.5923	23.6883	44.7225	4	0
2/27/2016	1:00:00	14.3201	19.6622	23.0839	25.8555	44.9267	4	0
2/27/2016	2:00:00	14.3201	19.6622	23.0839	27.2231	45.1309	4	0
2/27/2016	3:00:01	15.9066	21.6473	26.604	33.3208	45.1309	4	0
2/27/2016	4:00:01	17.1157	23.427	32.6863	20.6138	45.3352	4	0

2/27/2016	5:00:00	18.0939	25.1872	29.9163	22.7223	45.3352	4	0
2/27/2016	6:00:00	18.9433	26.8063	26.9684	32.877	45.5394	4	0
2/27/2016	7:00:01	19.8177	27.6444	28.401	19.116	45.1309	4	0
2/27/2016	8:00:01	20.2103	26.5232	13.1559	13.1828	45.1309	4	0
2/27/2016	9:00:00	21.0279	25.4664	19.8589	24.3263	44.7225	4	0
2/27/2016	10:00:00	21.7035	25.1356	25.4568	28.97	44.7225	4	0
2/27/2016	11:00:01	22.1673	25.1055	21.757	16.7893	44.5183	4	0
2/27/2016	12:00:01	22.372	25.0129	20.5941	25.4228	44.3141	4	0
2/27/2016	13:00:00	22.797	25.0983	23.4295	31.0564	44.3141	4	0
2/27/2016	14:00:00	23.5307	25.6057	28.6029	30.7693	44.1099	4	0
2/27/2016	15:00:00	0	0	0	0	43.293	1	0
2/27/2016	16:00:01	0	0	0	0	43.9057	3	0
2/27/2016	17:00:00	0	0	0	32.2054	43.4972	4	0
2/27/2016	18:00:00	0	0	0	37.995	44.3141	4	0
2/27/2016	19:00:01	0	0	59.7798	69.8195	44.9267	4	0
2/27/2016	20:00:01	0	0	44.7238	30.6063	44.1099	4	0
2/27/2016	21:00:00	0	0	29.6257	30.0231	44.1099	4	0
2/27/2016	22:00:01	0	0	29.7894	28.9917	44.3141	4	0
2/27/2016	23:00:01	0	0	28.5289	30.2361	44.1099	4	0
2/28/2016	0:00:00	0	0	28.9246	32.9604	44.3141	4	0
2/28/2016	1:00:00	0	0	31.528	32.7595	44.1099	4	0
2/28/2016	2:00:01	0	0	26.9171	29.9083	43.9057	4	0
2/28/2016	3:00:00	0	0	28.2984	23.4285	44.3141	4	0
2/28/2016	4:00:00	0	0	28.604	30.5112	44.1099	4	0
2/28/2016	5:00:00	0	0	29.266	29.5841	44.3141	4	0
2/28/2016	6:00:01	0	33.1947	30.8174	34.2629	44.9267	4	0
2/28/2016	7:00:00	0	30.914	32.1915	40.2373	44.3141	4	0
2/28/2016	8:00:00	0	30.8672	42.7221	46.9245	43.7015	4	0
2/28/2016	9:00:01	0	32.7729	50.8025	87.7626	44.3141	4	0
2/28/2016	10:00:01	0	35.579	61.2386	77.5706	44.3141	4	0
2/28/2016	11:00:00	0	40.4125	82.7968	64.3543	43.4973	4	0
2/28/2016	12:00:01	0	49.5923	138.773	161.677	43.9057	4	0
2/28/2016	13:00:01	0	54.9631	96.482	62.3571	43.293	4	0
2/28/2016	14:00:00	0	62.2646	116.645	167.426	44.3141	4	0
2/28/2016	15:00:00	0	65.652	72.0853	30.4584	43.7015	4	0
2/28/2016	16:00:01	0	65.3077	25.8265	29.254	44.3141	4	0

2/28/2016	17:00:01	0	64.8521	29.3814	28.258	44.7225	4	0
2/28/2016	18:00:00	48.5477	63.4987	24.9167	30.1829	44.9267	4	0
2/28/2016	19:00:01	46.7022	62.5043	29.2161	27.6356	44.9267	4	0
2/28/2016	20:00:01	44.7853	59.1875	10.3834	5.25454	45.5394	4	0
2/28/2016	21:00:00	43.6024	55.2739	5.63321	5.50675	46.152	4	0
2/28/2016	22:00:00	42.4799	50.667	5.78134	6.17941	45.7436	4	0
2/28/2016	23:00:01	41.306	44.2945	4.80099	0.462882	46.5604	4	0
2/29/2016	0:00:00	40.2299	33.7797	5.88392	4.59205	46.5604	4	0
2/29/2016	1:00:00	39.0593	26.6044	5.15217	6.94499	46.5604	4	0
2/29/2016	2:00:01	38.219	18.0299	6.46109	4.79069	46.3562	4	0
2/29/2016	3:00:01	37.3203	12.7665	4.3855	4.44856	45.9478	4	0
2/29/2016	4:00:00	36.2318	11.0631	4.3142	5.18003	47.3773	4	0
2/29/2016	5:00:00	35.1748	9.25581	6.51593	6.78354	46.7646	4	0
2/29/2016	6:00:01	34.0607	7.72587	5.69474	5.99456	47.1731	4	0
2/29/2016	7:00:00	33.1192	5.8885	6.02871	13.8357	46.7646	4	0
2/29/2016	8:00:00	32.2961	6.47897	17.1161	14.6392	45.9478	4	0
2/29/2016	9:00:01	31.0953	7.3035	15.2065	12.1765	46.5604	4	0
2/29/2016	10:00:01	29.5111	8.16173	15.6722	22.6267	46.152	4	0
2/29/2016	11:00:00	27.4316	9.99363	26.5217	30.6899	46.152	4	0
2/29/2016	12:00:01	0	0	0	0	21.4423	1	0
2/29/2016	13:00:00	0	0	0	0	21.2381	3	0
2/29/2016	14:00:00	0	0	0	24.157	21.4423	4	0
2/29/2016	15:00:01	0	0	0	25.8068	21.6465	4	0
2/29/2016	16:00:01	0	0	12.1947	11.6418	22.0549	4	0
2/29/2016	17:00:00	0	0	10.9925	10.4191	22.0549	4	0
2/29/2016	18:00:00	0	0	9.38438	9.76346	21.4423	4	0
2/29/2016	19:00:01	0	0	14.8976	17.9824	22.6676	4	0
2/29/2016	20:00:01	0	0	11.4565	8.97157	21.8507	4	0
2/29/2016	21:00:00	0	0	7.69752	5.09887	22.0549	4	0
2/29/2016	22:00:01	0	0	6.41409	3.71738	21.8507	4	0
2/29/2016	23:00:01	0	0	5.27259	-0.896553	22.2592	4	0
3/1/2016	0:00:00	0	0	3.29233	4.91309	22.6676	4	0
3/1/2016	1:00:00	0	0	3.5168	1.21822	22.8718	4	0
3/1/2016	2:00:01	0	0	3.46966	7.01915	22.4634	4	0
3/1/2016	3:00:00	0	7.59662	3.60024	0.686241	22.4634	4	0
3/1/2016	4:00:00	0	6.92771	3.8854	7.23463	22.6676	4	0

3/1/2016	5:00:01	0	6.33113	3.3512	3.25784	22.4634	4	0
3/1/2016	6:00:01	0	6.12653	6.84235	5.21157	22.2591	4	0
3/1/2016	7:00:00	0	5.29548	4.69656	9.68201	22.6676	4	0
3/1/2016	8:00:00	0	5.00158	7.94783	9.01596	23.4844	4	0
3/1/2016	9:00:01	0	5.15481	9.51848	5.25017	22.6676	4	0
3/1/2016	10:00:00	0	4.94752	3.97934	5.57118	23.076	4	0
3/1/2016	11:00:00	0	5.30019	9.5613	5.09277	23.076	4	0
3/1/2016	12:00:01	0	5.31885	3.69472	0.09216	23.4844	4	0
3/1/2016	13:00:01	0	5.31157	3.59041	3.72665	23.2802	4	0
3/1/2016	14:00:01	0	5.45267	5.14135	6.34696	23.076	4	0
3/1/2016	15:00:00	6.65277	5.76286	7.30113	9.20981	23.076	4	0
3/1/2016	16:00:00	6.48395	6.08689	7.81826	8.75333	23.2802	4	0
3/1/2016	17:00:00	6.34214	6.42256	7.518	3.70722	23.076	4	0
3/1/2016	18:00:01	6.21885	6.37769	6.34281	11.3235	23.4844	4	0
3/1/2016	19:00:01	5.85794	6.47564	5.80968	7.23825	24.3013	4	0
3/1/2016	20:00:00	5.65359	6.35482	6.46128	10.8009	23.8929	4	0
3/1/2016	21:00:01	5.60996	6.12371	6.63929	10.2171	23.4844	4	0
3/1/2016	22:00:01	5.52742	6.16286	4.54677	7.37064	24.7097	4	0
3/1/2016	23:00:00	5.47957	5.71739	4.0148	-1.29669	23.6886	4	0
3/2/2016	0:00:00	5.57891	5.89191	5.89974	12.2548	24.5055	4	0
3/2/2016	1:00:01	5.63233	5.99391	4.82925	2.8881	24.9139	4	0
3/2/2016	2:00:00	5.71222	6.02493	5.59203	2.08807	24.0971	4	0
3/2/2016	3:00:00	5.79074	5.88495	5.58711	2.86068	24.5055	4	0
3/2/2016	4:00:01	5.895	5.77445	6.40668	10.7703	25.1181	4	0
3/2/2016	5:00:01	6.00597	5.66379	6.17646	7.41205	25.1181	4	0
3/2/2016	6:00:00	6.032	5.75688	7.45627	11.5816	25.3223	4	0
3/2/2016	7:00:00	6.30917	6.22028	11.3387	12.424	24.7097	4	0
3/2/2016	8:00:01	6.43569	6.55822	10.1616	15.592	24.9139	4	0
3/2/2016	9:00:00	6.51754	6.91367	10.4737	18.4714	24.0971	4	0
3/2/2016	10:00:00	6.98148	7.77928	14.7589	14.954	24.7097	4	0
3/2/2016	11:00:01	7.36046	8.97497	18.0981	22.4301	24.3013	4	0
3/2/2016	12:00:01	7.81396	9.68299	14.1745	24.7606	23.8928	4	0
3/2/2016	13:00:00	8.3153	10.5614	14.9365	11.5271	24.5055	4	0
3/2/2016	14:00:01	8.70831	11.2911	14.0386	15.1568	24.3013	4	0
3/2/2016	15:00:01	9.22214	12.4561	19.6032	14.3825	24.0971	4	0
3/2/2016	16:00:00	9.67157	13.4641	18.5078	19.9161	23.8929	4	0

3/2/2016	17:00:00	10.5367	15.2999	28.234	30.2584	23.8929	4	0
3/2/2016	18:00:01	11.0861	16.3041	20.1125	15.307	23.6886	4	0
3/2/2016	19:00:01	12.3384	18.3273	36.1336	39.3705	24.0971	4	0
3/2/2016	20:00:00	13.5081	20.3581	35.3933	39.3867	24.3013	4	0
3/2/2016	21:00:00	14.4954	22.0363	32.2206	21.0082	24.5055	4	0
3/2/2016	22:00:01	14.7493	21.6838	10.3833	5.00155	24.9139	4	0
3/2/2016	23:00:00	14.8248	20.6505	5.4485	6.73865	24.5055	4	0
3/3/2016	0:00:00	14.7871	19.8947	5.25079	3.44829	24.9139	4	0
3/3/2016	1:00:01	14.9233	19.326	7.82675	8.28167	24.7097	4	0
3/3/2016	2:00:01	14.9457	18.677	6.06057	14.4838	25.3223	4	0
3/3/2016	3:00:00	15.0171	17.6622	7.09993	7.69519	24.5055	4	0
3/3/2016	4:00:00	14.976	16.5946	5.57785	9.79174	24.9139	4	0
3/3/2016	5:00:01	15.1204	15.0714	9.62349	8.5659	24.7097	4	0
3/3/2016	6:00:00	15.152	14.0846	7.96057	7.42186	24.9139	4	0
3/3/2016	7:00:00	14.9441	11.6532	6.86291	8.43205	24.7097	4	0
3/3/2016	8:00:01	14.9859	9.63908	11.0751	9.21137	25.7308	4	0
3/3/2016	9:00:01	14.9097	7.64879	8.45446	8.9261	25.935	4	0
3/3/2016	10:00:00	14.702	7.57223	9.41844	8.71173	25.3223	4	0
3/3/2016	11:00:01	14.5508	8.32482	14.4625	8.63928	25.7308	4	0
3/3/2016	12:00:01	14.4322	8.81335	11.0466	13.392	25.3223	4	0
3/3/2016	13:00:00	14.3286	9.18424	12.2629	14.1173	25.935	4	0
3/3/2016	14:00:00	14.2549	9.70499	12.3634	15.8057	26.1392	4	0
3/3/2016	15:00:01	14.0651	10.3121	14.1549	15.5914	25.7308	4	0
3/3/2016	16:00:01	14.1639	11.5725	20.648	23.8345	26.1392	4	0
3/3/2016	17:00:00	13.8397	12.4744	20.5569	20.7502	26.956	4	0
3/3/2016	18:00:01	13.594	13.0363	15.1398	13.7512	26.5476	4	0
3/3/2016	19:00:01	12.605	13.4958	12.3794	10.9751	26.1392	4	0
3/3/2016	20:00:00	11.5659	13.466	11.0086	8.53417	26.956	4	0
3/3/2016	21:00:00	10.7478	13.8326	12.8486	13.9857	26.7518	4	0
3/3/2016	22:00:01	10.697	13.8341	9.9251	9.78858	27.1602	4	0
3/3/2016	23:00:00	10.8004	13.2928	7.90757	7.27307	27.5687	4	0
3/4/2016	0:00:00	10.911	13.0497	8.38957	7.80393	26.7518	4	0
3/4/2016	1:00:01	10.8612	12.6422	8.30217	7.44985	28.3855	4	0
3/4/2016	2:00:01	11.2894	12.9983	16.714	6.91438	27.5687	4	0
3/4/2016	3:00:00	11.2465	12.3784	7.0414	5.87023	27.5687	4	0
3/4/2016	4:00:00	11.4334	11.5692	10.8476	14.6491	27.7729	4	0

3/4/2016	5:00:01	11.424	10.7174	10.1832	7.3453	28.5897	4	0
3/4/2016	6:00:01	11.5854	10.4863	12.1543	14.3965	28.5897	4	0
3/4/2016	7:00:00	12.0732	11.0137	18.3219	20.2842	28.3855	4	0
3/4/2016	8:00:01	12.8365	12.354	25.1335	16.4186	28.5897	4	0
3/4/2016	9:00:01	13.3924	13.015	19.7652	24.8613	28.3855	4	0
3/4/2016	10:00:01	13.649	13.4494	14.7557	15.3166	28.1813	4	0
3/4/2016	11:00:00	13.7856	14.2042	16.244	20.3629	28.5897	4	0
3/4/2016	12:00:00	14.0038	14.8714	16.6003	20.3323	28.5897	4	0
3/4/2016	13:00:01	15.0191	17.2183	36.4678	35.4665	28.3855	4	0
3/4/2016	14:00:01	15.8806	18.5593	33.1361	35.5681	28.9981	4	0
3/4/2016	15:00:00	16.9656	21.3154	40.2899	49.4903	28.9981	4	0
3/4/2016	16:00:01	17.2279	22.6109	26.1091	16.7943	28.1813	4	0
3/4/2016	17:00:01	17.213	23.4387	20.8455	22.2303	28.3855	4	0
3/4/2016	18:00:00	17.6201	24.5039	26.1792	27.9871	27.9771	4	0
3/4/2016	19:00:00	17.8349	24.4011	17.7892	17.8095	28.5897	4	0
3/4/2016	20:00:01	18.0685	23.6685	16.6573	17.4349	28.9982	4	0
3/4/2016	21:00:00	18.1347	23.2215	14.548	14.3769	28.794	4	0
3/4/2016	22:00:00	18.62	23.7997	21.9031	20.5854	28.9982	4	0
3/4/2016	23:00:01	19.0665	23.9871	18.0044	22.7815	28.794	4	0
3/5/2016	0:00:01	19.8907	24.9267	27.1933	24.1761	28.3855	4	0
3/5/2016	1:00:00	20.9184	24.6389	32.7972	33.3286	28.9982	4	0
3/5/2016	2:00:00	21.7378	24.9043	35.8496	35.5197	28.3855	4	0
3/5/2016	3:00:01	22.3713	23.4179	22.6464	10.6511	28.5897	4	0
3/5/2016	4:00:00	22.3713	23.4179	22.6464	21.5873	28.9982	4	0
3/5/2016	5:00:00	23.2632	23.0715	21.1411	21.5347	28.9982	4	0
3/5/2016	6:00:01	23.3842	22.1596	15.2901	13.7452	28.9982	4	0
3/5/2016	7:00:01	23.0087	21.5355	10.7996	14.788	28.5897	4	0
3/5/2016	8:00:00	23.0087	21.5355	10.7996	17.1395	28.7939	4	0
3/5/2016	9:00:01	22.5149	21.5856	14.9206	14.5488	28.7939	4	0
3/5/2016	10:00:01	22.4922	20.8408	12.2629	17.0237	28.794	4	0
3/5/2016	11:00:00	22.2039	20.1504	10.3231	8.96152	30.0192	4	0
3/5/2016	12:00:00	22.057	18.8577	11.0646	8.1347	28.9982	4	0
3/5/2016	13:00:01	20.8936	16.8649	9.5142	8.64472	29.6108	4	0
3/5/2016	14:00:01	19.8398	14.549	8.5378	9.1515	29.2024	4	0
3/5/2016	15:00:00	18.4532	13.2759	7.65314	9.35839	30.0192	4	0
3/5/2016	16:00:01	17.7417	12.2334	9.10091	6.96323	29.4066	4	0

3/5/2016	17:00:01	17.1285	11.0165	6.87249	6.298	28.9981	4	0
3/5/2016	18:00:00	16.3252	10.4745	9.496	12.3388	30.0192	4	0
3/5/2016	19:00:00	15.9932	10.4642	10.9826	10.9296	30.8361	4	0
3/5/2016	20:00:01	15.6627	9.92383	9.21171	7.44472	29.6108	4	0
3/5/2016	21:00:00	15.4539	9.52205	10.134	7.88533	29.6108	4	0
3/5/2016	22:00:00	14.8593	9.15803	7.78652	11.1341	30.6319	4	0
3/5/2016	23:00:00	14.6075	9.26698	11.3932	12.1912	29.6108	4	0
3/6/2016	0:00:01	13.7898	9.02635	8.22951	6.22297	29.6108	4	0
3/6/2016	1:00:00	12.9257	9.23689	11.9309	10.2545	30.0192	4	0
3/6/2016	2:00:00	11.8618	9.37148	10.0446	20.1792	29.6108	4	0
3/6/2016	3:00:01	11.5242	9.95717	14.7132	12.2005	30.6319	4	0
3/6/2016	4:00:01	11.258	10.4757	15.4138	18.9785	30.2234	4	0
3/6/2016	5:00:00	10.9778	11.1316	15.0813	13.3803	30.8361	4	0
3/6/2016	6:00:01	10.7738	11.2197	10.6995	17.4494	30.6319	4	0
3/6/2016	7:00:01	10.9476	11.5326	14.3713	16.5659	30.6319	4	0
3/6/2016	8:00:00	12.1221	14.2641	39.9387	55.3193	29.815	4	0
3/6/2016	9:00:00	13.5018	17.3976	47.4573	41.0449	30.4276	4	0
3/6/2016	10:00:01	14.8149	20.3562	42.4567	50.5142	30.6319	4	0
3/6/2016	11:00:01	15.8745	22.3376	34.0624	32.4938	29.815	4	0
3/6/2016	12:00:00	17.0409	24.8421	36.3134	53.2465	29.815	4	0
3/6/2016	13:00:01	18.1533	26.823	35.0318	34.5468	30.2234	4	0
3/6/2016	14:00:01	19.8418	30.0125	46.5448	34.5736	30.0192	4	0
3/6/2016	15:00:00	21.711	33.1043	51.4275	58.9247	29.6108	4	0
3/6/2016	16:00:00	23.7143	36.537	56.9283	54.3559	30.0192	4	0
3/6/2016	17:00:01	25.2559	38.8859	43.9893	49.7752	30.2234	4	0
3/6/2016	18:00:00	26.5535	41.4078	43.6091	37.6747	30.4277	4	0
3/6/2016	19:00:00	27.5072	43.0215	35.0546	46.6747	30.8361	4	0
3/6/2016	20:00:01	29.2004	43.7921	51.3269	46.0587	29.815	4	0
3/6/2016	21:00:01	30.9333	44.0843	52.6513	55.3191	30.4277	4	0
3/6/2016	22:00:00	32.9492	45.1976	57.284	59.8744	30.2234	4	0
3/6/2016	23:00:00	34.5181	46.4722	50.6232	48.1164	30.2234	4	0
3/7/2016	0:00:01	36.0196	47.1607	45.0132	50.8021	30.6319	4	0
3/7/2016	1:00:00	37.6832	48.6598	54.2761	77.376	30.6319	4	0
3/7/2016	2:00:00	40.4284	51.1192	74.5142	46.7415	30.4277	4	0
3/7/2016	3:00:01	41.2676	49.5674	27.5144	23.6163	30.6319	4	0
3/7/2016	4:00:01	41.6054	46.8966	25.1345	24.498	31.0403	4	0

3/7/2016	5:00:00	43.126	47.6745	53.9909	74.6362	31.2445	4	0
3/7/2016	6:00:01	44.9731	48.7506	57.3822	51.041	31.0403	4	0
3/7/2016	7:00:01	46.3606	49.7948	46.6122	70.5981	31.4487	4	0
3/7/2016	8:00:00	47.3316	50.8145	62.6971	44.5297	31.2445	4	0
3/7/2016	9:00:00	47.2663	50.2248	44.1113	38.4278	30.8361	4	0
3/7/2016	10:00:01	47.6394	49.4086	43.2345	58.1571	31.0403	4	0
3/7/2016	11:00:01	48.4542	49.7302	56.0797	74.3934	31.0403	4	0
3/7/2016	12:00:00	49.3844	50.5517	52.0527	44.7002	30.8361	4	0
3/7/2016	13:00:01	50.0716	50.1675	49.9423	53.1327	31.2445	4	0
3/7/2016	14:00:01	50.5603	48.6322	57.191	55.5984	31.2445	4	0
3/7/2016	15:00:00	50.7783	51.1524	59.0173	67.5296	31.6529	4	0
3/7/2016	16:00:00	51.2467	54.8778	71.7401	87.2333	31.4487	4	0
3/7/2016	17:00:00	52.7145	56.826	76.9412	52.4115	31.6529	4	0
3/7/2016	18:00:00	52.4356	55.1539	39.5542	44.5555	32.0614	4	0
3/7/2016	19:00:01	54.5392	58.09	79.2466	85.468	31.4487	4	0
3/7/2016	20:00:01	55.187	58.5483	71.1744	68.6223	31.6529	4	0
3/7/2016	21:00:00	55.4585	59.9437	62.9641	64.8884	31.8571	4	0
3/7/2016	22:00:00	56.5892	63.39	83.9507	108.81	32.0614	4	0
3/7/2016	23:00:01	57.6476	65.2436	80.6948	76.1235	31.6529	4	0
3/8/2016	0:00:00	58.5581	66.5773	68.2898	76.263	32.2656	4	0
3/8/2016	1:00:00	59.2558	68.6438	77.4896	97.3675	32.674	4	0
3/8/2016	2:00:01	58.9785	69.556	65.5387	51.2253	32.0613	4	0
3/8/2016	3:00:01	59.5266	68.0048	39.1466	33.5319	32.2656	4	0
3/8/2016	4:00:00	60.0978	65.2505	38.1624	44.7073	32.8782	4	0
3/8/2016	5:00:01	59.5866	62.4708	44.3163	45.0653	32.674	4	0
3/8/2016	6:00:01	59.5398	64.0815	60.4691	85.7501	32.674	4	0
3/8/2016	7:00:01	60.2566	63.0051	66.7782	62.4605	33.0824	4	0
3/8/2016	8:00:00	59.933	61.6238	52.4263	54.0222	32.2656	4	0
3/8/2016	9:00:01	60.3531	60.5448	45.1927	47.2448	32.4698	4	0
3/8/2016	10:00:01	60.6535	57.3757	42.1292	50.5483	32.2656	4	0
3/8/2016	11:00:00	60.9318	55.5629	56.8949	65.2224	31.8571	4	0
3/8/2016	12:00:00	61.7591	55.7582	71.0511	66.862	31.4487	4	0
3/8/2016	13:00:01	62.3029	54.2297	58.8213	44.078	32.0613	4	0
3/8/2016	14:00:00	62.1537	52.9893	50.4464	49.451	31.6529	4	0
3/8/2016	15:00:00	62.2676	54.8208	61.3245	68.0465	31.4487	4	0
3/8/2016	16:00:01	61.0473	55.2073	43.2356	48.3318	31.4487	4	0

3/8/2016	17:00:00	59.5128	55.06	45.0502	40.6783	32.2656	4	0
3/8/2016	18:00:00	59.9634	54.4896	58.1743	53.8549	32.8782	4	0
3/8/2016	19:00:00	59.126	54.1454	67.1909	82.8134	32.8782	4	0
3/8/2016	20:00:01	59.0852	55.7206	73.0705	84.9778	33.2866	4	0
3/8/2016	21:00:00	59.2628	57.9042	74.9248	71.5865	33.4908	4	0
3/8/2016	22:00:00	58.1932	59.2623	57.8799	49.4767	33.4908	4	0
3/8/2016	23:00:01	56.3227	57.5282	34.774	42.0659	33.8993	4	0
3/9/2016	0:00:01	55.1524	55.3011	46.3737	59.4534	33.4908	4	0
3/9/2016	1:00:00	53.7908	54.4643	50.0297	44.0629	33.8993	4	0
3/9/2016	2:00:01	54.0886	56.2967	69.8097	63.0652	33.695	4	0
3/9/2016	3:00:01	54.4069	55.2877	48.7922	80.7165	33.695	4	0
3/9/2016	4:00:00	55.9143	57.9856	74.8076	79.5276	34.3077	4	0
3/9/2016	5:00:00	55.9421	58.1087	46.0432	49.3489	34.1035	4	0
3/9/2016	6:00:01	54.8872	56.291	35.2893	51.5484	34.3077	4	0
3/9/2016	7:00:01	54.3977	55.4324	56.6424	44.711	33.695	4	0
3/9/2016	8:00:00	53.5664	52.0404	30.446	23.6262	34.3077	4	0
3/9/2016	9:00:01	52.9485	48.0154	23.0125	21.6055	34.3077	4	0
3/9/2016	10:00:01	51.8411	44.494	15.7388	13.3235	34.3077	4	0
3/9/2016	11:00:00	50.1243	42.8185	14.2221	17.2245	34.5119	4	0
3/9/2016	12:00:00	47.2714	39.6639	13.3651	15.8981	34.7161	4	0
3/9/2016	13:00:01	45.1232	36.1127	8.10951	6.33562	34.5119	4	0
3/9/2016	14:00:00	45.1232	36.1127	8.10951	11.4047	34.7161	4	0
3/9/2016	15:00:00	41.4128	27.5902	5.17359	3.20637	34.1035	4	0
3/9/2016	16:00:01	39.9291	22.0927	9.55291	10.1043	35.1245	4	0
3/9/2016	17:00:01	38.6123	19.342	13.0734	17.9967	34.3077	4	0
3/9/2016	18:00:00	36.408	17.0181	8.11915	7.14401	35.1245	4	0
3/9/2016	19:00:00	34.0742	13.2563	11.3205	13.127	35.3288	4	0
3/9/2016	20:00:01	31.1442	11.0789	4.46642	3.41856	34.3077	4	0
3/9/2016	21:00:00	28.3487	9.82284	7.67647	3.29241	34.5119	4	0
3/9/2016	22:00:00	26.1365	8.94729	5.13812	5.48745	35.1245	4	0
3/9/2016	23:00:01	24.9235	8.23892	5.48971	6.35613	35.3288	4	0
3/10/2016	0:00:01	23.31	7.74697	7.35564	6.79078	34.5119	4	0
3/10/2016	1:00:00	21.5087	7.54847	5.63343	4.54015	34.7161	4	0
3/10/2016	2:00:01	18.9352	7.35582	5.91598	4.23437	34.9203	4	0
3/10/2016	3:00:01	17.1913	7.52161	7.34567	7.798	35.7372	4	0
3/10/2016	4:00:01	14.4425	7.28908	6.57393	6.6054	35.3287	4	0

3/10/2016	5:00:00	12.8564	6.81559	7.22875	9.74122	35.3288	4	0
3/10/2016	6:00:01	11.794	6.88525	8.85585	9.57024	35.7372	4	0
3/10/2016	7:00:01	9.85652	6.67754	8.7064	7.28978	34.9203	4	0
3/10/2016	8:00:00	9.02431	7.08923	9.30292	11.1223	35.7372	4	0
3/10/2016	9:00:01	8.51068	7.27724	9.84022	10.0407	35.533	4	0
3/10/2016	10:00:01	8.43085	7.9382	12.8369	8.80465	35.533	4	0
3/10/2016	11:00:00	8.34211	8.44718	11.4711	7.62882	34.9203	4	0
3/10/2016	12:00:00	8.23328	8.72041	10.7437	7.88781	35.533	4	0
3/10/2016	13:00:01	8.54646	9.52936	15.1165	12.2134	35.533	4	0
3/10/2016	14:00:01	8.55465	9.73018	8.13232	7.9261	35.3287	4	0
3/10/2016	15:00:00	8.75656	9.95768	10.3191	14.3033	35.1245	4	0
3/10/2016	16:00:00	8.88579	10.4298	11.8565	20.2104	34.7161	4	0
3/10/2016	17:00:01	8.8501	10.8484	12.7309	10.9949	35.3288	4	0
3/10/2016	18:00:00	9.00998	11.1064	12.2331	12.074	35.3288	4	0
3/10/2016	19:00:00	9.79424	12.9217	31.5794	36.1341	35.3287	4	0
3/10/2016	20:00:01	10.6304	14.1969	24.7372	19.8668	35.5329	4	0
3/10/2016	21:00:01	10.8587	14.5044	14.5121	14.6287	35.7372	4	0
3/10/2016	22:00:00	11.4514	15.074	19.8592	16.7189	36.1456	4	0
3/10/2016	23:00:01	12.0639	15.8217	20.4713	54.0902	36.3498	4	0
3/11/2016	0:00:01	12.5324	16.5008	19.1675	12.8198	36.554	4	0
3/11/2016	1:00:00	12.5324	16.5008	19.1675	12.467	36.554	4	0
3/11/2016	2:00:01	13.2212	16.9526	17.1866	14.7949	36.7582	4	0
3/11/2016	3:00:00	13.3702	17.0262	11.2595	13.9276	36.1456	4	0
3/11/2016	4:00:01	13.6762	17.2265	14.0707	14.824	35.9414	4	0
3/11/2016	5:00:01	13.9974	17.4437	15.2741	9.18847	36.9624	4	0
3/11/2016	6:00:00	13.9759	17.1677	9.33259	10.5288	36.7582	4	0
3/11/2016	7:00:01	13.9191	15.1932	6.94415	-0.364885	36.7582	4	0
3/11/2016	8:00:01	14.1891	14.3359	12.2412	23.6209	36.3498	4	0
3/11/2016	9:00:00	13.9495	13.3081	0.444638	18.0653	36.554	4	0
3/11/2016	10:00:00	14.2584	13.2306	18.3592	26.8829	35.9414	4	0
3/11/2016	11:00:01	14.3457	12.5736	12.5352	11.6144	36.1456	4	0
3/11/2016	12:00:00	14.684	12.4135	16.9755	10.6286	35.1245	4	0
3/11/2016	13:00:00	14.5313	12.319	9.85715	13.2021	35.3288	4	0
3/11/2016	14:00:01	14.9591	12.3007	17.0942	28.6083	34.7161	4	0
3/11/2016	15:00:01	15.413	13.0661	20.5891	13.7687	35.3288	4	0
3/11/2016	16:00:01	16.0347	14.0609	26.4372	22.911	34.9203	4	0

3/11/2016	17:00:00	16.405	14.5634	22.1472	24.5189	34.5119	4	0
3/11/2016	18:00:00	17.0517	16.2541	31.5273	49.4957	35.7372	4	0
3/11/2016	19:00:01	19.1413	22.7137	87.0727	194.727	36.554	4	0
3/11/2016	20:00:01	20.4635	26.4562	58.5716	26.6619	36.7582	4	0
3/11/2016	21:00:00	20.4635	26.4562	58.5716	23.769	36.1456	4	0
3/11/2016	22:00:01	21.4114	29.7195	33.2464	33.2548	36.3498	4	0
3/11/2016	23:00:01	21.7751	31.1804	31.5549	34.4706	36.9624	4	0
3/12/2016	0:00:00	22.2125	32.2533	28.626	23.3497	37.3709	4	0
3/12/2016	1:00:00	22.7131	33.454	26.0701	27.9727	36.9624	4	0
3/12/2016	2:00:01	22.8652	33.8115	20.4803	19.3049	36.9625	4	0
3/12/2016	3:00:01	23.0323	33.4476	15.8678	17.3491	37.5751	4	0
3/12/2016	4:00:00	23.0852	32.6535	16.9564	22.9814	37.1667	4	0
3/12/2016	5:00:01	23.1401	32.2886	17.3509	17.2142	36.9624	4	0
3/12/2016	6:00:01	23.8636	31.941	25.2346	41.9044	37.1667	4	0
3/12/2016	7:00:00	24.479	26.576	20.1766	23.7083	36.7582	4	0
3/12/2016	8:00:00	25.0382	23.7571	22.8428	25.7525	36.3498	4	0
3/12/2016	9:00:01	25.6174	22.6529	10.9305	10.3022	36.7582	4	0
3/12/2016	10:00:00	25.6039	21.1409	13.5403	12.0657	36.554	4	0
	Turned off assuming study was complete							
3/12/2016	13:00:00	0	0	0	0	36.554	3	0
3/12/2016	14:00:01	0	0	0	0	36.3498	3	0
3/12/2016	15:00:00	0	0	0	19.1888	36.3498	4	0
3/12/2016	16:00:00	0	0	0	26.9277	35.9414	4	0
3/12/2016	17:00:00	0	0	23.3774	15.6172	36.7582	4	0
3/12/2016	18:00:01	0	0	25.1631	17.713	36.3498	4	0
3/12/2016	19:00:01	0	0	18.3329	15.312	37.3709	4	0
3/12/2016	20:00:00	0	0	28.8265	33.0015	37.5751	4	0
3/12/2016	21:00:00	0	0	29.1891	30.1911	36.9624	4	0
3/12/2016	22:00:01	0	0	22.1142	21.7576	37.7793	4	0
3/12/2016	23:00:01	0	0	18.2376	20.33	36.9624	4	0
3/13/2016	0:00:01	0	0	18.0297	19.7295	37.3709	4	0
3/13/2016	1:00:00	0	0	21.3928	24.0859	37.1667	4	0
3/13/2016	2:00:00	0	0	19.616	19.2076	36.9625	4	0
3/13/2016	3:00:01	0	0	16.5328	16.6051	36.9624	4	0
3/13/2016	4:00:01	0	21.2425	14.8508	15.2908	37.3709	4	0

3/13/2016	5:00:00	0	20.3446	12.1346	10.0533	37.1667	4	0
3/13/2016	6:00:00	0	19.1522	10.3995	9.12154	37.5751	4	0
3/13/2016	7:00:01	0	18.2091	6.86682	5.88696	37.5751	4	0
3/13/2016	8:00:01	0	16.2492	5.06748	4.62217	36.9624	4	0
3/13/2016	9:00:01	0	14.0886	3.31614	3.6432	37.5751	4	0
3/13/2016	10:00:00	0	12.6735	5.16848	4.5067	37.9835	4	0
3/13/2016	11:00:00	0	11.5315	4.30936	4.29176	37.3709	4	0
3/13/2016	12:00:01	0	10.1736	1.64534	0.373584	37.3709	4	0
3/13/2016	13:00:01	0	8.46485	1.03954	3.34978	37.5751	4	0
3/13/2016	14:00:01	0	7.17271	4.25581	4.01077	37.1667	4	0
3/13/2016	15:00:00	0	6.19239	4.90401	4.95782	36.7582	4	0
3/13/2016	16:00:00	13.3552	5.29113	4.21028	3.18117	37.1667	4	0
3/13/2016	17:00:01	12.5057	4.50732	2.79525	3.64514	37.5751	4	0
3/13/2016	18:00:01	11.5658	3.93703	3.66385	3.80152	37.3709	4	0
3/13/2016	19:00:00	10.9487	3.67949	3.79669	4.97914	37.5751	4	0
3/13/2016	20:00:00	9.90167	3.57478	3.81411	2.62748	37.3709	4	0
3/13/2016	21:00:00	8.84376	3.62221	3.88936	4.14981	37.9835	4	0
3/13/2016	22:00:01	8.08879	3.52844	4.03988	3.77779	37.9835	4	0
3/13/2016	23:00:01	7.46726	3.45104	3.37598	3.44809	37.9835	4	0
3/14/2016	0:00:00	6.88194	3.65592	4.12494	4.7152	37.9835	4	0
3/14/2016	1:00:00	6.18761	3.96332	4.74602	5.86972	37.9835	4	0
3/14/2016	2:00:01	5.55209	3.97587	4.39465	5.03401	38.3919	4	0
3/14/2016	3:00:01	5.07263	3.98886	5.04011	6.06245	38.3919	4	0
3/14/2016	4:00:01	4.58591	3.90444	3.19236	0.758172	38.5961	4	0
3/14/2016	5:00:00	4.27508	4.05867	4.64278	3.8076	38.3919	4	0
3/14/2016	6:00:00	4.00319	4.07525	3.86679	4.17139	38.1877	4	0
3/14/2016	7:00:01	3.90206	4.12701	4.39974	4.46227	38.3919	4	0
3/14/2016	8:00:01	3.93232	4.29013	5.7406	5.2169	37.9835	4	0
3/14/2016	9:00:00	4.04162	4.45927	5.88102	6.56435	37.9835	4	0
3/14/2016	10:00:00	4.0796	4.6293	6.0892	5.86139	37.9835	4	0
3/14/2016	11:00:00	4.12366	4.79456	5.34889	3.74054	37.5751	4	0
3/14/2016	12:00:01	4.19564	4.73209	3.38984	3.19191	37.5751	4	0
3/14/2016	13:00:01	4.23653	4.49922	1.8443	-0.158044	37.5751	4	0
3/14/2016	14:00:00	4.28798	4.58227	5.28865	6.27984	37.1667	4	0
3/14/2016	15:00:00	4.35254	4.70091	6.55011	7.81963	37.7793	4	0
3/14/2016	16:00:01	4.47921	5.04227	7.35541	12.6658	37.9835	4	0

3/14/2016	17:00:01	4.65731	5.24602	7.17755	6.42203	37.5751	4	0
3/14/2016	18:00:01	4.78187	5.47769	6.65455	5.82673	38.1877	4	0
3/14/2016	19:00:00	4.88107	5.62322	6.11032	7.25346	37.3709	4	0
3/14/2016	20:00:00	5.03729	5.77798	7.71383	7.23666	37.9835	4	0
3/14/2016	21:00:01	5.29462	6.12654	10.0718	11.2927	37.9835	4	0
3/14/2016	22:00:00	5.47706	6.31838	8.35697	8.80979	37.3709	4	0
3/14/2016	23:00:01	5.78606	6.77474	10.8994	9.13278	37.9835	4	0
3/15/2016	0:00:01	6.00773	7.2801	9.45966	10.3753	38.3919	4	0
3/15/2016	1:00:00	6.26886	8.04823	11.189	8.94084	38.1877	4	0
3/15/2016	2:00:00	6.69344	8.82473	14.5284	24.3269	37.9835	4	0
3/15/2016	3:00:01	6.98008	9.2759	11.9244	9.09688	37.9835	4	0
3/15/2016	4:00:00	7.37165	9.71357	12.5407	14.1319	38.5961	4	0
3/15/2016	5:00:01	7.67687	10.1125	11.8768	18.6972	37.1667	4	0
3/15/2016	6:00:01	8.0254	10.5781	12.2222	10.8817	37.3709	4	0
3/15/2016	7:00:00	8.38689	11.1516	12.6868	14.7064	37.7793	4	0
3/15/2016	8:00:00	8.71344	11.6343	13.3004	17.043	37.5751	4	0
3/15/2016	9:00:01	9.38701	12.6117	21.2444	24.5972	36.9624	4	0
3/15/2016	10:00:01	10.1285	13.8862	23.0996	31.4724	37.3709	4	0
3/15/2016	11:00:00	11.8622	16.852	45.6326	46.2029	36.9625	4	0
3/15/2016	12:00:00	11.8622	16.852	45.6326	27.0408	36.9624	4	0
3/15/2016	13:00:00	14.0602	19.8705	26.9423	33.8295	36.3498	4	0

13.74	3.03	50.03	50.02	51.11	37.47	0.35	0.51	15502.00	35.15	97.57	1.01
13.67	3.00	50.00	50.00	50.00	29.02	0.26	0.02	15502.00	10.15	74.56	0.98
13.67 LPM	3 LPM	50 C	50 C	50 C	Enclosure Inside, Temp Deg C	Less Than 0.75	Less Than 0.1	Constant	Ambient Temp. Deg C	% Rel Humd.	Pbar, Atm
tmo Bypass Flow Volumetric_0	tmoTEOMA Flow Volumetric_0	tmo Case Heat Temp_0	tmo Cap Heat Temp_0	tmoTEOMA Air Tube Heat Temp_0	tmo Enclosure Temp_0	tmo Vac Pump Pressure_0	tmoTEOMA Noise_0	tmoTEOMA K0_0	tmo Ambient Temp_0	tmo Ambient RH_0	tmo Ambient Pressure_0
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	23.01	18.084	1.003
13.7112	3.00682	31.119	33.358	45.193	25.88	0.263	0	15502	23.28	18.084	1
13.7112	3.00682	31.119	33.358	45.193	25.88	0.263	0	15502	23.28	18.084	1
14.1348	3.71843	31.119	33.358	45.193	25.88	0.263	0	15502	23.28	18.084	1
13.7112	3.00682	31.119	33.358	45.193	25.88	0.263	0	15502	23.28	18.084	1
13.6802	3.00096	49.999	49.998	50.005	30.59	0.27	0	15502	23.812	15.663	1.002
13.6433	2.99344	50.002	50.002	49.996	30.55	0.276	0	15502	23.702	16.032	1.002
13.6703	2.99872	50	50.003	49.999	31.59	0.278	0.022758	15502	24.644	12.604	1
13.6898	3.00036	50.006	50	50.002	32.17	0.273	0.014872	15502	25.235	11.638	1
13.6836	3.00736	50	50.002	50.002	32.6	0.271	0.009719	15502	25.426	10.956	0.999
13.6704	3.00515	50.001	50.002	49.999	32.61	0.278	0.003736	15502	25.506	10.499	1
13.7028	3.01367	50.001	50.002	50.001	32.66	0.274	0.004151	15502	25.626	10.119	1
13.6659	2.9952	49.997	49.997	50	32.66	0.276	0.007839	15502	25.626	9.733	1
13.6782	3.00491	50.002	49.996	50.002	32.7	0.276	0.005123	15502	25.716	9.428	0.998
13.6404	2.98771	49.996	49.999	49.998	32.82	0.273	0.005691	15502	25.756	9.043	0.998
13.6879	3.00081	49.999	49.999	49.996	32.75	0.279	0.007165	15502	25.686	8.731	0.998
13.7021	3.00461	50.003	49.999	50.006	32.63	0.278	0.00796	15502	25.696	8.499	0.997
13.6901	3.00477	49.996	50.005	50.003	32.82	0.272	0.015033	15502	25.746	8.268	0.996
13.6939	3.00845	49.997	49.997	49.996	32.91	0.271	0.009824	15502	25.846	8.039	0.996
13.6779	3.00429	50.001	49.997	49.995	32.84	0.274	0.012369	15502	25.826	7.883	0.996
13.6459	3.00008	49.999	49.997	49.999	32.72	0.275	0.013742	15502	25.796	7.766	0.996

13.6471	2.9935	49.995	49.999	49.996	27.15	0.221	0.024037	15502	29.63	8.642	0.99
13.7102	3.00598	49.999	50.003	50.001	28.59	0.226	0.015708	15502	25.796	10.125	0.991
13.6472	2.99642	50.005	49.999	50.018	29.16	0.221	0.029666	15502	25.586	9.655	0.991
13.6724	2.99917	49.997	50.007	50.005	29.22	0.225	0.021972	15502	26.347	9.761	0.991
13.6762	3.0008	50	49.999	50.005	29.22	0.219	0.024409	15502	27.098	9.249	0.991
13.6772	2.99681	50.011	50.001	50.003	29.22	0.218	0.00552	15502	26.868	8.852	0.991
13.6712	2.99834	50.003	49.997	50	29.5	0.218	0.017721	15502	26.858	8.541	0.991
13.6749	2.99774	49.996	49.999	50.001	29.56	0.216	0.00772	15502	26.808	8.306	0.989
13.6687	2.99845	49.992	49.998	50.003	29.71	0.229	0.014581	15502	26.307	8.521	0.989
13.6912	3.00068	50.001	50	49.998	29.25	0.22	0.005605	15502	26.608	9.462	0.987
13.6589	2.9951	49.997	50.007	50.002	29.56	0.221	0.030592	15502	27.198	9.175	0.989
13.6634	2.99963	49.999	49.998	50	29.9	0.218	0.057777	15502	27.218	8.438	0.986
13.6979	3.0078	50.001	50	49.999	29.91	0.222	0.025171	15502	26.948	8.467	0.986
13.6777	3.00755	50.001	49.998	49.997	29.85	0.22	0.047539	15502	26.748	9.468	0.986
13.6579	3.00258	50	50.003	50.003	29.91	0.231	0.018274	15502	27.429	9.416	0.987
13.6376	2.99036	50.001	49.998	50	29.89	0.223	0.020302	15502	26.768	13.462	0.989
13.6964	3.00233	50.003	49.999	50.006	30.04	0.229	0	15502	26.127	12.059	0.989
13.6619	3.00127	49.996	50.002	50.002	29.89	0.222	0.013744	15502	26.858	12.168	0.989
13.6743	3.00011	49.997	49.996	49.997	30.25	0.221	0.007792	15502	26.228	11.321	0.983
13.6832	2.99908	50	49.999	50.002	30.56	0.232	0.008657	15502	25.957	11.387	0.983
13.6253	2.99044	50	49.998	49.998	31.29	0.224	0.005657	15502	26.748	12.725	0.984
13.6906	3.00282	50.001	50.001	50.003	31.87	0.216	0	15502	27.339	12.883	0.985
13.6403	2.99768	50.003	49.998	50	30.93	0.221	0.023698	15502	25.977	13.756	0.984
13.6593	3.00186	49.984	49.994	49.958	29.9	0.218	0	15502	25.717	13.744	0.983
13.6857	2.9979	50.001	49.997	49.999	30.6	0.221	0.013744	15502	26.188	12.775	0.984
13.6571	2.99437	49.998	49.999	50.005	30.6	0.23	0.005283	15502	26.398	12.555	0.985
13.7055	3.00085	49.996	49.999	49.999	30.6	0.227	0.005869	15502	26.178	12.621	0.982
13.6721	3.00254	49.997	49.999	49.998	30.6	0.223	0.011085	15502	26.068	12.693	0.981
13.6535	2.99432	50	50.001	49.997	30.6	0.216	0.004261	15502	25.787	12.909	0.982
13.679	2.99765	49.999	50.004	49.998	30.61	0.221	0.004734	15502	25.677	13.057	0.983
13.6821	2.99782	49.999	49.999	49.998	30.6	0.221	0.00596	15502	25.667	13.513	0.982
13.671	2.99677	50.002	50	50.001	30.61	0.219	0.006621	15502	25.797	12.986	0.983
13.6948	3.00268	50	50.001	50.001	30.6	0.215	0.007356	15502	25.777	13.366	0.981
13.6657	2.99283	50.002	50.003	49.998	30.6	0.214	0.007211	15502	25.777	13.671	0.982
13.6504	2.99847	50	50	49.998	30.6	0.216	0.013618	15502	25.977	13.642	0.984
13.6852	3.00684	49.995	49.999	49.997	30.6	0.219	0.00349	15502	26.058	13.684	0.983

13.6543	3.00004	50	50.001	50	30.6	0.227	0.003877	15502	26.048	13.226	0.984
13.6688	2.9977	50	50	49.999	30.6	0.227	0.004307	15502	26.098	12.541	0.986
13.6838	2.99961	50.001	50.003	50.001	30.18	0.22	0.067943	15502	26.288	15.138	0.986
13.6614	3.0003	50.007	49.996	50.004	30.61	0.224	0.015363	15502	25.797	16.02	0.986
13.6866	3.00025	50.005	49.995	50.002	30.43	0.228	0.030231	15502	26.468	15.146	0.989
13.6879	3.00889	50.003	49.997	49.997	32.69	0.219	0.033585	15502	25.887	14.739	0.989
13.6812	3.00814	37.391	36.109	47.796	6.84	0.233	0	15502	-6.181	64.147	0.984
13.6692	2.99761	50.001	49.995	50	15.03	0.226	0.038954	15502	-7.409	65.801	0.989
13.6503	3.00211	50.003	50	50.004	20.74	0.23	0.032955	15502	-8.373	67.136	0.988
13.667	2.99801	49.999	49.996	49.992	22.34	0.228	0.021536	15502	-10.384	71.887	0.993
13.6638	2.9999	50.003	50.002	50.003	22.34	0.236	0.027115	15502	-12.335	76.332	0.992
13.649	2.99429	49.997	49.998	50	22.34	0.236	0.01772	15502	-13.291	75.535	0.993
13.6852	3.00302	49.997	49.999	49.997	22.36	0.242	0.02231	15502	-15.264	80.876	0.994
13.6812	3.00807	50.004	49.999	50.001	22.34	0.24	0.12177	15502	-15.447	75.05	0.993
13.692	3.00337	50.001	49.997	50.001	22.34	0.239	0.04681	15502	-15.804	75.858	0.995
13.6972	3.00757	50.004	50.002	50.002	22.34	0.231	0.058936	15502	-17.301	78.004	0.994
13.6645	2.99571	49.997	49.999	49.994	22.38	0.234	0.065475	15502	-17.627	80.661	0.997
13.6622	2.99647	49.999	49.997	50	22.34	0.242	0.042788	15502	-18.544	82.164	0.995
13.6853	3.00048	50	50.001	49.997	22.33	0.236	0.027961	15502	-19.42	82.63	0.996
13.6634	2.99981	50	50.001	49.997	22.33	0.237	0.089774	15502	-20.848	82.518	0.998
13.6562	2.99605	50.003	50	49.997	22.28	0.239	0.113031	15502	-22.46	84.072	0.998
13.6628	2.99818	50.002	49.997	50.002	22.02	0.25	0.073865	15502	-23.725	82.62	0.998
13.672	3.00256	50.01	50.002	50.003	22.27	0.237	0.048271	15502	-24.788	78.288	0.999
13.6486	2.99266	50	49.998	50.005	22.33	0.239	0.053626	15502	-22.541	79.493	0.998
13.6691	3.00098	50.001	50	49.998	22.33	0.235	0.013743	15502	-18.91	72.761	1
13.6567	2.99494	49.998	49.997	50	7.9	0.231	0	15502	-14.796	59.394	0.996
13.6857	3.0044	49.999	49.996	49.994	22.3	0.237	0.018219	15502	-15.447	68.27	1
13.6743	3.00237	49.996	50	49.999	22.47	0.234	0.015013	15502	-13.718	66.328	0.998
13.6568	3.00253	49.999	50.005	50	21.87	0.242	0.016679	15502	-11.318	57.683	0.996
13.6381	2.99654	50.001	50	49.998	22.47	0.227	0.010899	15502	-10.272	51.497	0.995
13.6669	2.99621	49.997	49.999	50.003	22.34	0.23	0.023329	15502	-10.13	52.082	0.995
13.6724	3.00102	50.002	50.003	49.996	21.71	0.23	0.015246	15502	-9.866	57.248	0.994
13.6401	2.99042	49.998	49.999	50.006	22.37	0.227	0.028793	15502	-12.009	65.438	0.993
13.6539	2.99416	49.999	50.002	49.998	22.4	0.234	0.012544	15502	-13.25	68.204	0.994
13.7061	3.00929	50.003	50.004	50	22.35	0.227	0.023691	15502	-13.758	71.508	0.992
13.709	3.00757	49.999	50.001	50.001	22.4	0.229	0.050708	15502	-14.328	74.106	0.992

13.6876	3.00339	50.009	50.001	50.005	22.34	0.227	0.019493	15502	-13.575	77.6	0.993
13.6315	2.99757	49.999	50.003	49.999	22.49	0.235	0.014437	15502	-12.924	74.711	0.992
13.662	2.99584	49.996	49.999	50	22.53	0.242	0.009434	15502	-11.999	74.02	0.991
13.6845	3.00434	49.998	50.006	50.002	22.51	0.228	0.011878	15502	-11.491	75.939	0.99
13.6733	2.99568	49.996	49.998	49.994	22.34	0.229	0.008798	15502	-9.957	74.444	0.99
13.6761	2.99825	49.997	49.998	50.002	22.37	0.235	0.005749	15502	-11.115	77.596	0.991
13.7094	3.00558	50	49.995	49.997	22.37	0.242	0.006387	15502	-11.999	80.551	0.99
13.6985	3.00731	50	49.999	49.998	22.34	0.234	0.012062	15502	-10.749	75.878	0.989
13.6592	3.00169	49.999	50	50	22.39	0.242	0.015187	15502	-10.282	76.028	0.989
13.6717	2.99892	50.002	50.002	50.001	22.39	0.233	0.016872	15502	-9.51	76.155	0.989
13.6603	2.99454	49.999	50.012	49.993	22.31	0.228	0.018744	15502	-8.83	76.167	0.989
13.6457	2.99673	50	49.996	49.997	22.01	0.228	0.020824	15502	-7.541	73.628	0.989
13.6376	2.98995	50.002	50.002	50.001	22.16	0.228	0.008005	15502	-6.557	70.722	0.987
13.6792	3.00141	49.999	49.997	49.998	21.01	0.228	0.015118	15502	-4.357	64.218	0.986
13.6903	3.00252	50.002	50	50.001	23.67	0.242	0.048538	15502	-3.08	61.869	0.989
13.6777	3.00021	50.002	50.008	50	26.47	0.232	0.031719	15502	-0.852	56.223	0.987
13.6537	2.99484	50	49.999	50.006	29.95	0.234	0.023492	15502	0.21	54.422	0.988
13.6676	3.00105	49.999	49.999	50.002	30.55	0.245	0.075425	15502	0.22	59.229	0.986
13.6564	2.99983	50.001	49.995	50.001	30.72	0.237	0.04929	15502	0.746	61.085	0.986
13.6713	3.00375	50.003	49.994	49.997	29.85	0.232	0.032211	15502	0.22	64.568	0.985
13.6984	3.00157	50.001	49.996	49.992	27.41	0.236	0.035784	15502	-1.014	71.748	0.982
13.6558	2.99665	50.001	50.003	50	22.47	0.23	0.013756	15502	-1.824	78.296	0.983
13.6521	2.99277	49.997	50	50.004	20.45	0.229	0.025979	15502	-3.303	83.249	0.981
13.6357	2.9955	50	50.005	50.003	22.34	0.234	0.016977	15502	-4.194	83.381	0.981
13.6654	3.00212	50.003	49.998	49.994	21.66	0.237	0.018861	15502	-5.857	88.512	0.982
13.6926	3.00378	50	50	49.987	22.08	0.234	0.00725	15502	-6.323	88.368	0.981
13.686	3.0036	50.002	49.999	50.001	21.67	0.225	0.023278	15502	-7.318	88.363	0.981
13.6823	3.00085	50.004	49.998	50.002	22.32	0.223	0.008948	15502	-6.313	89.783	0.979
13.6667	2.9985	50.002	49.997	49.999	22.23	0.224	0.005848	15502	-4.093	86.966	0.98
13.6729	2.99793	50	49.999	50.001	20.58	0.23	0.006496	15502	-3.495	87.928	0.978
13.6786	2.99996	50	49.999	50.006	22.12	0.225	0.008179	15502	-5.553	88.835	0.979
13.6562	2.99319	50	49.994	49.996	21.52	0.223	0.015448	15502	-6.263	89.344	0.979
13.669	2.99977	50	49.997	49.994	21.97	0.24	0.015142	15502	-6.465	90.684	0.978
13.6441	2.99619	49.999	49.998	50	22.12	0.234	0.009895	15502	-7.216	89.402	0.977
13.6897	3.0086	49.998	49.998	49.997	21.96	0.235	0.018689	15502	-5.026	94.14	0.975
13.66	2.99931	49.999	50.001	50	23	0.226	0.020762	15502	-0.994	86.128	0.976

13.7159	3.00953	49.997	50	49.994	25.58	0.236	0.023065	15502	1.525	74.093	0.977
13.6766	3.00399	49.999	50.004	50.002	29.2	0.226	0.029041	15502	3.587	73.288	0.977
13.6751	3.00299	49.999	49.999	50.001	30.54	0.23	0.018978	15502	4.243	74.58	0.977
13.6811	3.00552	49.997	50.003	50	30.91	0.228	0.021083	15502	5.405	70.159	0.975
13.6492	2.99847	49.998	49.997	49.999	33.06	0.24	0.023423	15502	6.071	68.282	0.976
13.6484	2.99624	50.002	50.005	50.001	32.74	0.222	0.015306	15502	6.676	66.571	0.975
13.6422	2.99817	50.001	50.002	50.005	32.96	0.234	0.049143	15502	6.243	71.469	0.974
13.7031	3.00699	49.999	49.998	50	33.35	0.227	0.054595	15502	6.142	73.532	0.972
13.6521	2.99585	50.002	49.99	49.994	30.98	0.226	0.007262	15502	4.809	76.24	0.972
13.6541	2.99959	50.003	50.001	50.002	27.74	0.231	0.023315	15502	3.91	83.624	0.972
13.6437	2.99013	49.999	49.997	50.003	25.96	0.227	0.017268	15502	3.759	86.134	0.972
13.6367	2.99306	49.999	50	49.998	25.77	0.233	0.019184	15502	5.102	84.661	0.971
13.6684	3.00141	49.995	50.002	50.001	25.26	0.234	0.012536	15502	3.718	85.141	0.971
13.6636	3.00045	50.002	49.996	50.001	24.61	0.226	0.013927	15502	1.838	89.416	0.969
13.6958	3.00358	49.999	49.999	50	24.27	0.224	0.006068	15502	2.607	87.967	0.969
13.6459	2.99522	49.999	49.999	50.002	23.96	0.23	0.011459	15502	2.596	87.488	0.968
13.6444	2.99691	49.998	49.998	49.996	23.82	0.227	0.007489	15502	0.766	94.243	0.968
13.6974	3.00346	50	49.998	50.002	23.71	0.232	0.014143	15502	0.301	93.759	0.969
13.677	2.99968	49.997	49.994	50.001	23.1	0.222	0.010475	15502	-0.63	94.47	0.968
13.6671	2.99814	50	49.992	49.999	23.03	0.226	0.006845	15502	-0.478	93.772	0.969
13.6594	3.00028	49.999	50.002	50	22.82	0.232	0.007605	15502	-0.215	94.935	0.969
13.677	3.00609	49.997	50	49.994	22.83	0.223	0.008448	15502	-0.154	94.566	0.969
13.649	2.99095	50.001	49.996	50.006	23.04	0.235	0.027124	15502	-0.124	94.729	0.97
13.6686	3.00486	50.002	50	50.002	23.08	0.232	0.010427	15502	0.807	93.585	0.97
13.6592	3.00469	49.996	49.999	49.998	24.96	0.225	0.013128	15502	1.879	88.77	0.97
13.655	3.00178	50.001	50.002	49.999	27.16	0.221	0.008579	15502	2.981	84.264	0.972
13.67	2.99593	49.998	50.006	50.003	29.91	0.228	0.016203	15502	4.698	76.661	0.974
13.6843	3.00097	50	50	49.999	32.83	0.225	0.018	15502	5.233	73.982	0.974
13.6684	3.00152	50.004	49.997	49.998	30.6	0.228	0.033995	15502	3.112	80.658	0.975
13.6607	2.99398	50.002	50.005	50.003	29.39	0.227	0.022216	15502	3.597	78.536	0.974
13.6669	3.00747	49.999	49.996	49.998	28.46	0.24	0.005693	15502	1.818	86.617	0.975
13.6817	3.00977	49.994	49.999	49.997	25.79	0.227	0.010752	15502	0.665	91.174	0.976
13.6822	2.99906	49.998	50	50.002	23.44	0.226	0.020307	15502	-0.427	91.929	0.976
13.6484	2.99802	50	49.996	50.003	21.69	0.226	0.025568	15502	-0.852	92.351	0.978
13.6818	2.99971	50.001	49.997	50.004	20.97	0.22	0.016708	15502	-1.257	91.402	0.978

13.6395	2.99741	50.001	50.006	49.998	20.28	0.227	0.018562	15502	-1.601	90.197	0.979
13.6843	3.00164	49.997	49.997	49.995	22.34	0.234	0.007135	15502	-2.249	90.263	0.98
13.6721	3.00027	50.003	50.002	49.995	21.06	0.223	0.013476	15502	-2.837	87.416	0.981
13.6645	3.00179	50.001	49.993	49.994	21.72	0.234	0.00518	15502	-3.617	87.235	0.982
13.689	3.00346	49.998	50	50.004	21.64	0.22	0.009783	15502	-4.377	87.741	0.981
13.6709	2.99892	50	49.999	49.997	22.32	0.226	0.010869	15502	-4.965	87.59	0.984
13.643	2.9928	49.998	49.999	50.006	21.86	0.227	0.020527	15502	-5.259	87.47	0.983
13.6885	3.00345	49.997	49.994	49.997	21.85	0.227	0.008943	15502	-5.32	86.941	0.983
13.6865	3.00554	49.996	50.005	50.001	22.34	0.23	0.016889	15502	-5.472	85.838	0.984
13.6608	3.00485	50.003	50.001	50.003	22.06	0.227	0.006492	15502	-5.634	85.04	0.985
13.6892	3.00365	49.999	49.998	50.002	22.03	0.226	0.012262	15502	-5.847	84.374	0.986
13.6587	3.0007	50.001	49.997	50	21.96	0.223	0.008013	15502	-5.999	83.714	0.987
13.6661	2.99677	50.001	50.001	50.004	21.89	0.226	0.017151	15502	-5.837	83.415	0.986
13.6674	2.99704	49.997	49.998	49.998	22.34	0.228	0.019054	15502	-5.532	82.526	0.987
13.6718	2.99674	49.997	50	50.004	21.85	0.227	0.004309	15502	-5.492	82.06	0.986
13.7162	3.00831	50	50.004	49.997	20.53	0.227	0.013833	15502	-4.478	78.803	0.989
13.6385	2.99615	50.003	50.005	50	20.33	0.226	0.015368	15502	-3.951	77.072	0.988
13.6746	3.00221	50.001	49.996	49.998	20.65	0.228	0.017073	15502	-3.333	76.622	0.988
13.6555	2.99299	50.002	49.996	49.997	20.97	0.229	0.032243	15502	-3.262	77.084	0.987
13.6763	3.00004	50.004	50.002	50	21.08	0.232	0.021071	15502	-2.786	75.722	0.987
13.6729	3.00684	50	50.001	50	20.95	0.225	0.0081	15502	-3.252	77.134	0.989
13.6728	2.9987	49.997	50.006	49.999	21.01	0.237	0.008998	15502	-3.536	77.305	0.989
13.6517	2.99223	49.998	49.995	50.013	21.69	0.237	0.028891	15502	-3.627	78.745	0.99
13.6962	3.00394	49.998	49.999	50	22.32	0.235	0.012587	15502	-4.053	76.416	0.99
13.6761	3.00268	50	50.003	50.007	22.31	0.23	0.023771	15502	-4.924	72.911	0.989
13.664	3.00192	49.999	50.003	49.996	22.34	0.234	0.003162	15502	-5.735	73.583	0.99
13.6754	2.99901	50.003	49.995	49.997	22.35	0.236	0.010152	15502	-7.561	76.453	0.991
13.6568	3.00296	50.001	50.003	50.004	22.59	0.225	0.012782	15502	-8.942	81.013	0.989
13.6701	2.99743	49.998	49.992	50.003	22.34	0.242	0.00737	15502	-10.028	83.719	0.991
13.6663	2.99423	50.003	50.002	50.001	22.36	0.226	0.015775	15502	-10.831	87.286	0.991
13.6643	2.99927	49.998	50.003	50.007	22.47	0.241	0.017525	15502	-11.217	89.049	0.99
13.6633	3.00148	49.998	50	50	22.44	0.229	0.007635	15502	-11.583	88.004	0.99
13.6664	2.99801	50	49.997	49.999	22.65	0.233	0.016342	15502	-12.294	88.639	0.99
13.6669	2.9993	50.001	49.99	50	22.34	0.229	0.018155	15502	-12.497	85.974	0.989
13.6628	2.99649	50	50.001	50.004	22.41	0.241	0.007909	15502	-10.76	84.899	0.99
13.6627	2.99637	50	50	50.001	22.24	0.226	0.014938	15502	-9.896	85.608	0.99

13.6585	3.00085	49.995	49.996	49.995	22.27	0.23	0.018808	15502	-8.16	81.763	0.99
13.6667	2.9976	50.003	50.001	49.994	20.96	0.229	0.020894	15502	-6.1	76.871	0.99
13.6629	3.00152	50	50.006	50	23.12	0.228	0.023212	15502	-2.857	68.251	0.99
13.6645	3.00306	50	50.002	50	26.22	0.226	0.025788	15502	-1.824	67.059	0.991
13.6369	2.99561	49.996	49.996	49.999	27.82	0.228	0.016852	15502	0.301	65.063	0.99
13.6648	2.9967	50.001	49.999	50.001	30.59	0.233	0.012481	15502	0.584	63.587	0.989
13.6374	2.99635	50.001	49.996	50	30.69	0.228	0.013866	15502	0.301	63.967	0.99
13.7046	3.00925	50	49.999	50.002	29.91	0.236	0.026187	15502	-0.245	66.861	0.989
13.6743	2.99823	49.998	50.002	49.999	30.25	0.247	0.029092	15502	-1.186	68.779	0.986
13.663	2.99831	50.001	49.996	50	25.87	0.241	0.011183	15502	-1.885	73.032	0.987
13.6781	3.00479	50.001	49.996	49.998	23.03	0.231	0.021121	15502	-2.655	76.653	0.985
13.6643	3.00303	50	49.997	50	20.97	0.226	0.023464	15502	-3.141	77.322	0.983
13.6831	3.00145	49.997	50.005	50.003	21.69	0.222	0.015334	15502	-2.817	75.716	0.984
13.6673	2.99796	50.004	49.998	49.995	20.97	0.226	0.00668	15502	-2.381	72.241	0.983
13.6944	3.00327	50	49.994	49.999	20.83	0.23	0.012616	15502	-1.844	74.141	0.983
13.684	3.00161	50.004	49.998	50.003	20.36	0.233	0.014016	15502	-2.098	77.39	0.983
13.6814	3.00543	49.999	50.001	50	20.35	0.223	0.005388	15502	-1.925	80.078	0.984
13.7137	3.00746	49.998	49.999	50.004	20.59	0.239	0.017299	15502	-1.551	81.35	0.983
13.6668	2.99584	49.999	49.997	50.001	20.94	0.225	0.03267	15502	-1.237	83.399	0.981
13.6614	2.99654	50.004	50.004	50.003	20.97	0.227	0.012559	15502	-1.136	83.556	0.982
13.6425	2.98918	49.999	49.997	50.001	21.13	0.227	0.013952	15502	-0.711	82.16	0.981
13.6816	3.0041	49.998	50	50.006	21.14	0.228	0.010333	15502	-0.255	80.97	0.981
13.6631	2.99746	50.004	49.997	49.999	21.01	0.227	0.01148	15502	-0.144	83.619	0.979
13.641	2.99641	50.002	50.002	49.999	21	0.222	0.007502	15502	0.028	84.989	0.982
13.6644	3.00218	49.999	50.001	50.002	21.01	0.223	0.002884	15502	0.382	85.428	0.983
13.6539	2.99094	50	49.999	50.002	22.35	0.223	0.01574	15502	0.777	85.789	0.983
13.6708	2.99847	49.999	50.001	49.998	23.71	0.218	0.006857	15502	0.999	82.063	0.982
13.6825	3.003	49.995	50.003	49.995	22.34	0.222	0.007618	15502	0.503	82.652	0.983
13.6798	3.00181	50.002	50.002	49.999	22.2	0.233	0.008463	15502	-0.174	81.287	0.983
13.6605	2.99508	49.996	50.001	49.999	21.38	0.226	0.009402	15502	-0.569	80.115	0.984
13.6568	3.00248	49.997	49.992	49.999	21.01	0.222	0.011838	15502	-0.367	74.844	0.983
13.6504	2.99923	50.002	50.002	50	20.28	0.229	0.007736	15502	-1.429	77.68	0.984
13.6744	2.99695	49.998	50.002	49.999	22.06	0.238	0.008594	15502	-1.844	76.95	0.984
13.6864	3.00223	50.001	50.001	50.002	22.33	0.238	0.016231	15502	-2.989	76.106	0.986
13.6735	2.9995	50	49.999	50.001	22.26	0.234	0.018032	15502	-4.843	74.753	0.985
13.6394	2.99646	50.002	50.004	49.998	22.34	0.226	0.013355	15502	-6.161	74.659	0.985

13.6551	2.99259	50.004	50.001	50.006	22.35	0.237	0.014837	15502	-7.145	74.823	0.985
13.678	3.00567	50.001	50	50.005	22.34	0.226	0.028021	15502	-8.15	75.536	0.985
13.6957	3.00534	50.002	49.997	50	22.35	0.221	0.018311	15502	-8.779	76.089	0.985
13.6793	3.00058	49.999	49.999	49.997	22.34	0.222	0.013562	15502	-9.683	77.589	0.987
13.6514	2.9933	50.001	50.001	49.999	22.34	0.228	0.015066	15502	-10.485	78.053	0.988
13.6555	2.99533	50.004	49.996	49.997	22.33	0.221	0.028455	15502	-9.876	77.342	0.989
13.7071	3.00551	50	49.998	50	22.36	0.241	0.031611	15502	-9.947	83.791	0.987
13.6745	2.99897	50.002	49.995	49.999	22.33	0.237	0.035118	15502	-9.987	85.072	0.99
13.654	2.98602	49.998	49.997	49.998	22.34	0.234	0.02601	15502	-10.434	82.36	0.991
13.6692	2.99917	49.999	50.006	50.001	22.4	0.237	0.009998	15502	-11.034	75.95	0.991
13.6458	3.0001	50.001	49.999	49.999	22.37	0.242	0.007405	15502	-11.847	72.919	0.994
13.6722	2.99941	50.003	50.001	50.001	22.38	0.227	0.023775	15502	-12.843	71.206	0.994
13.6707	3.00444	50.001	49.999	50.001	22.49	0.232	0.029934	15502	-12.416	56.778	0.996
13.6266	2.99049	50.002	50.003	50.01	22.33	0.235	0.013041	15502	-11.583	53.477	0.998
13.6843	3.00253	49.998	49.999	49.998	20.94	0.24	0.02463	15502	-10.678	55.375	0.998
13.6648	3.0036	49.999	49.996	50.003	21.65	0.233	0.009468	15502	-9.409	51.2	0.998
13.6659	2.99902	50.001	49.998	50	21.39	0.237	0.010518	15502	-9.409	51.937	0.998
13.6736	2.99957	50.002	49.997	50.001	20.86	0.244	0.00779	15502	-10.282	55.904	0.997
13.6538	2.994	49.997	49.999	49.997	20.74	0.233	0.014712	15502	-10.485	55.408	0.998
13.6535	2.99638	49.997	50.002	49.999	21.88	0.249	0.016345	15502	-10.384	55.533	0.997
13.6771	2.99975	50.002	50.002	50.002	21.57	0.242	0.007121	15502	-10.424	58.018	0.997
13.6572	2.99426	50	49.998	50.004	22.54	0.234	0.022862	15502	-11.735	64.458	0.998
13.665	2.99844	49.999	50.001	49.995	22.6	0.234	0.00996	15502	-12.497	67.377	0.998
13.6723	2.99889	49.996	49.999	49.998	22.49	0.228	0.011065	15502	-12.884	70.511	0.998
13.6512	2.99426	50.003	50.001	50.003	22.56	0.241	0.008195	15502	-13.026	70.676	0.996
13.6797	3.00112	49.995	49.998	50.001	22.53	0.227	0.010318	15502	-13.677	74.136	0.997
13.6331	2.99803	49.998	49.992	49.999	22.34	0.234	0.011463	15502	-13.931	78.716	0.996
13.6763	3.00342	50.002	50	50.003	22.66	0.233	0.024536	15502	-14.715	80.359	0.995
13.6722	2.999	50.002	49.997	50	22.43	0.243	0.018172	15502	-15.346	81.726	0.996
13.6803	3.00141	49.995	50	50	22.65	0.228	0.011875	15502	-16.058	84.21	0.996
13.6838	3.00282	50.002	50.003	50	22.61	0.233	0.04321	15502	-16.751	85.127	0.994
13.6708	2.99996	49.998	49.998	49.996	22.59	0.234	0.01661	15502	-16.995	84.926	0.995
13.6492	2.99399	50.001	49.998	49.995	22.34	0.247	0.012302	15502	-17.158	84.121	0.993
13.6347	2.99079	50.002	50.003	50.002	22.44	0.244	0.039498	15502	-16.669	83.616	0.993
13.6843	3.00454	49.999	50.001	49.996	22.35	0.23	0.017208	15502	-15.04	83.353	0.993
13.6626	3.00213	50	50.002	50	22.5	0.236	0.021666	15502	-14.735	82.167	0.992

13.6598	2.99481	49.996	49.999	50.008	22.52	0.234	0.06956	15502	-12.508	77.098	0.992
13.7105	3.00579	50	50.005	50	22.38	0.235	0.051518	15502	-10.668	73.195	0.991
13.6731	3.00227	49.999	50	49.999	22.36	0.228	0.019804	15502	-9.002	69.051	0.991
13.6667	2.99587	49.996	50.001	50.001	20.97	0.237	0.022001	15502	-7.764	68.28	0.99
13.6447	2.99462	50.004	50.005	50.003	23.13	0.237	0.024442	15502	-6.81	66.118	0.989
13.6656	2.9941	50.004	50.001	49.999	21.25	0.23	0.015973	15502	-5.249	62.688	0.986
13.6716	3.00409	49.999	50.003	49.999	21.7	0.229	0.030166	15502	-5.046	65.343	0.985
13.6583	2.99928	49.996	50.002	49.997	20.98	0.229	0.022342	15502	-4.884	66.896	0.985
13.6795	3.00141	49.993	49.995	49.995	21.38	0.23	0.012883	15502	-4.498	67.246	0.983
13.6486	2.99459	50.002	50.002	50.003	22.31	0.225	0.014312	15502	-4.559	69.612	0.983
13.6541	3.0008	50.001	49.999	49.996	22.28	0.225	0.02703	15502	-3.992	70.474	0.981
13.6863	3.00345	50.002	49.997	49.997	22.3	0.227	0.01039	15502	-3.475	69.827	0.982
13.7069	3.00922	50.002	49.998	49.998	22.33	0.235	0.019623	15502	-3.222	71.102	0.981
13.7003	3.00775	49.996	50.003	50.004	21.76	0.222	0.037061	15502	-2.675	71.461	0.981
13.6697	3.00286	49.999	49.996	50.003	21.65	0.224	0.00838	15502	-2.766	73.971	0.98
13.6862	3.00394	49.999	50.003	50.011	22.28	0.229	0.00931	15502	-2.432	73.261	0.979
13.6701	2.99594	49.999	49.997	50.001	22.04	0.222	0.017583	15502	-2.563	76.792	0.978
13.6835	3.00264	50	50.003	50.006	22.04	0.228	0.010139	15502	-2.027	75.095	0.977
13.6509	2.99867	49.996	49.998	50	22.33	0.232	0.011263	15502	-2.452	79.681	0.977
13.6769	2.99935	49.992	49.996	49.999	21.91	0.221	0.012513	15502	-2.715	78.629	0.977
13.6659	3.0014	50.001	50.002	50.005	22.34	0.228	0.013901	15502	-3.668	77.834	0.978
13.6568	3.00137	50.003	50	50.001	22.33	0.237	0.026254	15502	-5.086	76.821	0.978
13.6423	2.99138	50.003	49.997	49.996	22.39	0.219	0.049583	15502	-6.263	70.953	0.978
13.6893	3.00306	50.001	49.998	50.009	22.34	0.227	0.055083	15502	-6.952	68.564	0.978
13.6929	3.00647	49.998	49.996	49.999	22.3	0.238	0.012456	15502	-8.799	59.815	0.981
13.6559	2.99657	50.002	50	49.998	22.34	0.231	0.015682	15502	-9.825	61.435	0.983
13.6647	2.99675	49.998	50.001	50.007	21.85	0.243	0.029618	15502	-10.445	53.429	0.983
13.6511	2.99073	50.002	49.995	49.997	22.34	0.231	0.019355	15502	-10.099	46.417	0.986
13.6597	2.99697	50.003	49.999	49.995	22.16	0.237	0.00744	15502	-11.024	51.387	0.986
13.6785	2.99995	49.997	49.998	49.997	22.25	0.232	0.023888	15502	-11.115	47.586	0.989
13.6561	2.99927	49.991	50.003	50.002	22.39	0.233	0.010407	15502	-11.257	44.684	0.99
13.6902	3.00321	49.999	50	49.996	22.65	0.23	0.022276	15502	-11.684	43.332	0.991
13.6511	2.99525	49.998	49.997	49.997	22.36	0.232	0.024747	15502	-11.745	41.658	0.992
13.6823	3.00166	49.997	50.005	50.005	22.67	0.237	0.031158	15502	-13.657	43.589	0.994
13.665	3.00213	49.999	50	49.999	22.55	0.237	0.023077	15502	-14.979	49.802	0.995
13.6987	3.00604	50	50.003	50.001	22.34	0.237	0.008871	15502	-15.712	51.086	0.997

13.6719	3.00142	49.999	50.003	49.998	22.35	0.229	0.018987	15502	-16.445	52.842	0.998
13.6692	3.00027	49.999	49.994	49.999	22.34	0.244	0.014063	15502	-16.995	54.269	0.998
13.6783	3.00292	49.999	50	50.003	22.34	0.243	0.026558	15502	-17.769	56.853	0.998
13.6742	3.00088	50	50.001	50.007	22.34	0.232	0.01967	15502	-18.36	61.023	0.998
13.6955	3.008	50	50.003	49.999	22.33	0.233	0.008569	15502	-19.807	67.677	0.998
13.6738	3.00203	50.002	49.998	49.997	22.3	0.235	0.018342	15502	-19.379	65.498	0.999
13.6709	3.00086	50	50	50	22.32	0.233	0.011987	15502	-19.685	62.631	0.999
13.7025	3.0066	50	50	49.999	22.34	0.233	0.008878	15502	-19.033	58.096	0.999
13.6683	2.9979	50.002	50.001	50.001	22.28	0.234	0.019002	15502	-19.277	59.67	0.999
13.6769	3.0004	50	50.007	50.003	22.33	0.243	0.014073	15502	-18.951	60.235	1.001
13.6708	3.00252	49.998	49.995	49.998	22.34	0.237	0.015635	15502	-18.829	60.51	0.999
13.6807	2.99659	49.998	50	50	22.3	0.235	0.011579	15502	-19.359	63.136	0.998
13.6914	3.00413	50.003	49.999	50.001	22.34	0.234	0.008576	15502	-18.523	64.007	1.001
13.6842	3.00471	49.999	49.999	49.999	22.91	0.236	0.027534	15502	-15.997	56.86	1.001
13.6782	3.00089	50	49.994	49.995	22.61	0.232	0.020393	15502	-13.86	56.516	1.001
13.6736	3.00633	50.002	50.003	49.997	22.35	0.249	0.007839	15502	-12.569	57.716	0.999
13.6812	3.00073	50	50.001	49.999	22.32	0.238	0.00987	15502	-10.688	53.946	1
13.6804	3.00175	49.998	50.004	49.997	22.01	0.248	0.00645	15502	-11.186	56.249	0.998
13.6593	2.99818	49.998	50.002	50.003	24.36	0.249	0.020709	15502	-9.206	54.368	0.997
13.6725	2.99809	49.999	49.993	50	23.03	0.238	0.005307	15502	-9.693	57.029	0.998
13.7054	3.00474	49.998	50.002	50.002	22.34	0.232	0.010023	15502	-10.485	63.697	0.997
13.663	3.00389	50	49.997	49.987	22.44	0.235	0.00655	15502	-10.77	65.216	0.997
13.6591	2.99344	50.002	49.996	50.005	22.59	0.239	0.008247	15502	-11.42	68.569	0.995
13.6641	2.99814	50.002	50.009	50	22.34	0.233	0.026477	15502	-11.44	70.259	0.995
13.7067	3.00811	49.996	50.003	50.003	22.62	0.235	0.006785	15502	-11.4	70.027	0.997
13.6317	2.99758	50.004	50	49.996	22.47	0.233	0.005025	15502	-11.278	70.196	0.997
13.664	2.99626	49.999	50	50.007	22.34	0.234	0.016135	15502	-10.973	70.162	0.997
13.6825	3.00094	50	49.997	50.003	22.41	0.227	0.034535	15502	-11.196	70.261	0.994
13.6723	3.00653	50.002	49.999	50.003	22.58	0.242	0.022569	15502	-11.339	70.902	0.993
13.659	2.99577	49.998	49.994	49.996	22.34	0.225	0.016715	15502	-11.532	68.595	0.995
13.6411	2.99665	49.997	50.001	50.005	22.44	0.24	0.010923	15502	-11.623	62.669	0.992
13.6435	2.99418	49.998	49.997	49.997	22.35	0.242	0.00809	15502	-12.091	63.403	0.992
13.6868	3.00135	49.998	49.992	49.994	22.35	0.234	0.008988	15502	-12.985	65.103	0.991
13.6663	2.99868	50	49.999	50	22.36	0.244	0.006656	15502	-13.799	65.744	0.991
13.6844	3.00036	50.001	49.997	49.998	22.36	0.232	0.00435	15502	-14.532	65.949	0.99
13.638	2.99788	50	50.001	50.003	22.65	0.23	0.015828	15502	-14.694	65.128	0.991

13.6768	3.00338	50.001	50.005	50.001	22.6	0.237	0.050818	15502	-13.758	64.106	0.99
13.7087	3.00906	50	49.999	49.992	22.46	0.233	0.013023	15502	-11.959	59.856	0.99
13.6814	3.00057	50.003	50.007	50.007	22.41	0.239	0.008511	15502	-10.912	54.847	0.989
13.6737	3.00426	50.003	50.003	49.999	22.93	0.234	0.010716	15502	-9.49	51.499	0.989
13.682	3.00724	49.996	49.997	50.005	23.33	0.233	0.020237	15502	-9.043	54.975	0.986
13.7077	3.00613	50.001	49.997	49.995	23.89	0.234	0.022483	15502	-9.084	51.304	0.985
13.6617	2.99838	50	50.001	50.001	25.09	0.233	0.024977	15502	-8.069	41.101	0.985
13.7001	3.00695	49.999	50.002	49.999	24.52	0.242	0.016322	15502	-9.541	45.023	0.985
13.6638	2.99828	50	50.005	50.002	22.34	0.233	0.018133	15502	-9.287	41.954	0.985
13.6529	2.99783	50.001	50.001	50.005	22.34	0.229	0.065981	15502	-10.831	53.675	0.984
13.6734	3.006	49.999	50.007	50.003	22.61	0.23	0.01492	15502	-11.034	59.04	0.983
13.6952	3.00534	50	50.001	50	22.43	0.228	0.00975	15502	-11.156	59.678	0.983
13.642	2.99665	49.995	49.997	49.997	22.34	0.232	0.012276	15502	-11.105	62.505	0.984
13.6921	3.00278	50	49.998	50.008	22.34	0.227	0.023184	15502	-10.953	65.412	0.983
13.6808	3.00514	50.004	50.003	49.996	22.38	0.225	0.015151	15502	-10.566	66.364	0.983
13.6653	3.00113	50.003	50.004	49.998	22.4	0.226	0.016832	15502	-10.211	67.947	0.981
13.6832	3.00137	49.997	49.999	49.998	22.44	0.238	0.021192	15502	-10.038	67.81	0.982
13.6583	2.9977	50.005	50.002	49.999	22.45	0.241	0.013849	15502	-9.876	69.366	0.979
13.6898	3.00339	50	50.001	50.002	22.36	0.226	0.00905	15502	-9.591	71.671	0.98
13.6819	3.00285	49.999	50.001	50.001	22.48	0.242	0.029057	15502	-9.368	76.438	0.979
13.6694	2.99944	49.997	50	50.007	22.34	0.241	0.018989	15502	-8.962	81.266	0.98
13.6558	3.00257	50	50.001	49.995	22.32	0.23	0.012409	15502	-8.393	81.055	0.98
13.6557	2.99572	50.001	49.998	50.001	22.45	0.228	0.015624	15502	-7.926	81.538	0.979
13.6641	2.9951	50.001	49.998	50.002	22.34	0.235	0.029507	15502	-7.926	80.555	0.98
13.652	2.99564	49.999	50	50.001	22.36	0.23	0.011343	15502	-8.942	74.479	0.981
13.7079	3.00545	49.999	49.999	49.996	21.09	0.232	0.036418	15502	-8.607	59.234	0.983
13.6531	2.99526	50.001	49.999	50.003	21.06	0.234	0.023799	15502	-9.084	65.588	0.983
13.6733	3.00399	49.999	49.997	50.002	22.34	0.234	0.015552	15502	-8.454	66.441	0.982
13.6363	2.99214	50.003	50.003	50.005	22.26	0.24	0.019581	15502	-8.414	65.816	0.982
13.6864	3.00619	50.006	50.001	49.998	20.86	0.229	0.021754	15502	-7.926	62.972	0.979
13.6702	3.00449	50.003	49.994	50.002	20.65	0.233	0.024167	15502	-7.805	61.762	0.977
13.6695	2.99635	50.007	50.002	49.998	22.34	0.23	0.015793	15502	-8.475	66.563	0.979
13.6819	3.00092	49.999	49.998	49.998	21.9	0.232	0.017545	15502	-8.515	58.254	0.978
13.6544	3.00106	50	49.998	50.007	22.34	0.229	0.022091	15502	-8.982	63.715	0.98
13.6826	3.0061	50.007	50.001	49.998	22.34	0.231	0.014436	15502	-10.16	67.712	0.978
13.6671	3.0015	50.003	49.998	50.004	22.34	0.241	0.016038	15502	-10.851	73.132	0.978

13.6576	3.00246	49.997	49.996	50.002	22.34	0.233	0.030289	15502	-10.81	72.366	0.978
13.6611	2.99348	50.002	49.998	49.995	22.34	0.225	0.110213	15502	-11.318	69.1	0.98
13.6388	2.99107	49.998	49.997	50.001	22.48	0.234	0.042367	15502	-12.009	69.179	0.98
13.6536	2.99924	50	50.002	50.005	22.39	0.23	0.00958	15502	-13.047	69.882	0.979
13.6652	2.99887	49.999	50	50.003	22.34	0.236	0.034859	15502	-14.084	72.44	0.979
13.6642	2.99682	50	49.999	50.004	22.34	0.232	0.007882	15502	-14.348	72.568	0.978
13.6922	3.00237	50.004	49.999	49.999	22.34	0.225	0.005838	15502	-14.399	74.904	0.977
13.6605	3.00324	49.998	49.999	50.006	22.34	0.232	0.011026	15502	-14.226	82.705	0.978
13.6856	3.00339	49.998	49.997	50.002	22.3	0.235	0.008166	15502	-14.735	78.612	0.978
13.6618	2.99699	50.001	50.001	49.991	22.18	0.227	0.015422	15502	-15.498	75.839	0.979
13.6438	2.99187	49.998	49.997	50.001	21.92	0.23	0.011422	15502	-16.068	72.221	0.979
13.6596	3.00199	49.998	50.003	50.002	22.1	0.227	0.062342	15502	-16.282	75.196	0.978
13.6847	3.00449	49.998	49.996	49.994	22.29	0.23	0.02716	15502	-15.6	76.147	0.982
13.6791	2.99961	50.002	49.997	49.993	22.7	0.243	0.034197	15502	-14.878	69.007	0.983
13.6596	2.99771	49.997	49.996	49.992	22.6	0.234	0.03799	15502	-14.654	64.04	0.983
13.6632	2.99793	49.999	49.996	49.997	22.62	0.244	0.009736	15502	-14.348	61.794	0.985
13.6557	2.99928	50	50	49.999	23.01	0.226	0.031258	15502	-14.491	58.688	0.984
13.6469	3.00153	50.001	50	49.997	23.01	0.228	0.013618	15502	-13.952	54.233	0.986
13.6735	3.0002	50.001	50.002	50.003	23.03	0.226	0.029148	15502	-14.308	53.771	0.985
13.658	3.00344	50.003	50.002	50.001	22.46	0.229	0.05505	15502	-15.264	58.452	0.988
13.6646	2.99655	50	50	49.998	22.34	0.24	0.117829	15502	-15.671	58.801	0.986
13.6456	2.99546	49.999	50.002	50.001	22.34	0.228	0.010449	15502	-16.649	62.643	0.989
13.6709	3.00054	49.999	49.998	49.999	21.82	0.239	0.011608	15502	-17.525	64.883	0.987
13.6796	3.00071	49.996	49.997	49.998	21.78	0.234	0.008597	15502	-17.932	64.638	0.99
13.6683	3.00062	50.002	49.998	49.999	21.74	0.228	0.010824	15502	-18.421	63.953	0.991
13.6842	3.00416	49.999	50.001	49.998	21.75	0.245	0.020443	15502	-19.237	66.175	0.991
13.6832	3.00223	49.998	50	49.999	22.13	0.232	0.025739	15502	-19.726	65.503	0.99
13.6842	3.00367	50.003	50.001	50.002	22.05	0.237	0.01682	15502	-19.991	65.355	0.991
13.6915	3.00408	50.002	50	49.997	21.92	0.236	0.021178	15502	-20.113	65.931	0.99
13.6631	2.9967	50.003	49.992	49.999	21.89	0.229	0.01384	15502	-20.501	66.735	0.991
13.6896	3.00317	49.996	50.002	50.002	21.84	0.243	0.017425	15502	-20.868	69.344	0.991
13.6578	2.9968	50.004	50.002	49.996	21.87	0.238	0.012905	15502	-21.48	71.596	0.993
13.6422	2.994	49.997	50	49.998	21.67	0.244	0.027623	15502	-22.153	67.389	0.992
13.6657	3.00036	50	49.996	49.998	21.65	0.245	0.030687	15502	-22.684	70.44	0.994
13.6829	3.00302	49.996	50.002	49.999	21.32	0.244	0.020054	15502	-22.847	70.135	0.992
13.6513	2.99552	50.004	50.004	49.996	21.76	0.237	0.124051	15502	-22.97	71.251	0.993

13.669	3.00043	49.999	50.003	50.001	21.78	0.234	0.031791	15502	-20.766	63.437	0.995
13.6634	2.99855	49.997	49.997	50.002	22.78	0.234	0.06004	15502	-19.542	57.571	0.996
13.6923	3.00717	50.005	50	50.001	23.02	0.239	0.044468	15502	-18.268	51.147	0.996
13.6886	3.00391	49.999	50.002	50.005	23.03	0.232	0.029059	15502	-16.944	51.233	0.997
13.6767	3.00129	50.003	49.998	49.996	23.04	0.233	0.021522	15502	-17.056	47.032	0.996
13.6698	3.00264	50.001	50.008	50	23.04	0.233	0.02391	15502	-16.221	48.756	0.994
13.6902	3.00536	50.001	50.001	50.002	23.04	0.238	0.017708	15502	-16.079	51.611	0.995
13.6691	2.99656	50	49.998	50.001	23.03	0.232	0.022296	15502	-15.814	50.545	0.995
13.691	3.00136	49.999	49.999	49.996	22.75	0.248	0.01457	15502	-15.61	51.819	0.995
13.654	2.99383	50.003	49.999	49.996	22.99	0.242	0.053017	15502	-16.099	55.618	0.994
13.667	2.99971	50.004	50	50.001	22.36	0.231	0.02038	15502	-17.117	59.252	0.995
13.6668	2.9974	50.001	50.004	50	22.34	0.229	0.015094	15502	-17.81	63.945	0.994
13.6372	2.99092	50	49.999	50.01	22.34	0.234	0.016769	15502	-18.462	70.769	0.995
13.6815	3.00073	50.004	49.999	50	22.34	0.239	0.035892	15502	-19.216	76.378	0.993
13.6648	3.00062	50.001	50	49.999	22.36	0.236	0.045191	15502	-20.113	75.891	0.994
13.6735	3.00661	50.001	50.001	50.003	22.34	0.236	0.011581	15502	-20.705	79.497	0.993
13.6582	3.00384	50.002	50.001	49.997	22.34	0.251	0.021872	15502	-20.705	79.661	0.994
13.6794	3.00216	49.997	49.996	49.997	22.33	0.233	0.027539	15502	-21.215	79.9	0.994
13.6619	3.0006	49.998	49.997	49.999	22.33	0.236	0.034673	15502	-20.644	80.001	0.995
13.6567	2.99474	49.996	50.005	49.998	22.34	0.23	0.02568	15502	-20.48	75.42	0.993
13.6412	2.99303	50.003	49.998	50	22.34	0.248	0.011188	15502	-19.787	74.076	0.993
13.6643	2.99626	50.002	50.003	49.999	22.36	0.232	0.03592	15502	-18.666	75.009	0.99
13.6866	3.00394	50	50.004	49.998	22.34	0.233	0.026603	15502	-16.669	65.439	0.991
13.6683	2.99808	50.001	49.994	50.001	22.34	0.232	0.056941	15502	-15.804	73.26	0.99
13.6821	3.0046	49.992	49.999	50.004	22.34	0.228	0.063259	15502	-14.633	68.889	0.992
13.678	3.00299	50	49.998	50	22.34	0.236	0.02756	15502	-13.067	62.229	0.99
13.6975	3.01022	50.007	50.006	50.005	22.36	0.241	0.058989	15502	-12.131	66.139	0.987
13.6853	3.00382	50.004	49.994	49.997	22.41	0.229	0.025699	15502	-11.318	77.366	0.986
13.6689	2.9989	50.002	49.997	49.995	22.32	0.233	0.048536	15502	-9.957	72.924	0.987
13.6602	2.9938	49.996	50.004	49.999	20.99	0.223	0.05392	15502	-8.82	66.95	0.985
13.6252	2.99213	50	50	50	20.97	0.229	0.035237	15502	-7.602	62.717	0.983
13.653	2.9914	50.001	50.001	49.992	21.25	0.229	0.023027	15502	-6.912	54.528	0.982
13.6759	3.00509	49.999	49.996	49.996	22.34	0.234	0.125683	15502	-6.77	56.822	0.981
13.6535	2.99888	50.001	49.999	49.999	21.96	0.228	0.032209	15502	-6.151	57.221	0.981
13.6725	3.00312	50.004	49.999	50.001	22.45	0.227	0.06083	15502	-7.064	62.209	0.982
13.6903	3.00396	49.999	50.004	49.998	22.6	0.228	0.067579	15502	-7.409	66.031	0.982

13.6707	2.99967	49.998	50.005	50.003	22.45	0.224	0.075076	15502	-7.744	66.654	0.981
13.6595	2.99596	50.001	50.002	50.008	22.34	0.221	0.055604	15502	-7.744	70.04	0.98
13.6984	3.00513	50	49.998	49.994	22.35	0.238	0.061772	15502	-7.642	73.055	0.98
13.6724	2.99938	50	49.999	49.999	22.43	0.227	0.077775	15502	-7.592	73.88	0.981
13.6699	3.00007	50.001	49.998	49.997	22.36	0.227	0.086404	15502	-7.541	72.291	0.98
13.6801	3.00292	49.998	50.002	50.004	22.39	0.226	0.011493	15502	-7.439	72.768	0.98
13.6555	2.99997	49.996	49.997	49.999	22.34	0.227	0.106639	15502	-7.216	75.789	0.978
13.6509	2.99462	49.998	49.999	50	22.35	0.24	0.027329	15502	-7.439	78.177	0.98
13.6787	3.00076	50.002	50.004	49.999	22.44	0.229	0.051613	15502	-7.957	80.898	0.977
13.6684	2.99662	50.002	50.001	50.009	21.65	0.239	0.057339	15502	-7.784	81.463	0.977
13.6613	3.00437	50.003	50.005	50.004	21.97	0.236	0.022042	15502	-7.541	80.91	0.978
13.6867	3.0031	49.999	50.003	50.003	22.4	0.228	0.027752	15502	-7.155	81.898	0.978
13.6483	2.99146	50.002	49.993	50.002	20.97	0.224	0.010668	15502	-6.029	79.219	0.979
13.6446	2.99309	50.001	49.998	50.002	20.6	0.228	0.020148	15502	-5.391	76.844	0.979
13.6555	2.996	50.005	50.003	50.009	21.65	0.235	0.038051	15502	-3.364	72.062	0.98
13.655	3.00308	50	50.002	49.999	26.47	0.231	0.024866	15502	-1.824	66.305	0.979
13.6812	3.00079	49.999	49.999	49.999	29.92	0.226	0.046963	15502	0.139	59.881	0.982
13.6557	2.99272	49.996	49.998	50.002	30.32	0.228	0.02046	15502	-1.116	64.991	0.982
13.6439	2.99207	49.998	49.996	50.003	29.91	0.232	0.011797	15502	-1.197	68.546	0.982
13.6484	2.99818	50.003	49.996	49.994	28.08	0.243	0.042927	15502	-2.381	73.738	0.981
13.6795	3.00066	50.005	49.999	49.998	24.49	0.226	0.081073	15502	-2.705	75.907	0.981
13.6535	2.99555	50.002	49.998	50.001	22.48	0.227	0.090067	15502	-2.827	77.554	0.982
13.6703	3.00428	50.001	49.997	49.995	20.97	0.227	0.058859	15502	-2.665	82.053	0.983
13.6854	3.00071	50.001	50.004	50.009	22.1	0.238	0.013309	15502	-2.634	81.32	0.984
13.6691	2.99904	49.992	49.995	50.003	22.44	0.236	0.042731	15502	-2.594	81.467	0.984
13.66	2.99388	50	49.999	49.997	20.54	0.227	0.031648	15502	-2.493	83.71	0.986
13.698	3.00731	49.999	50.001	50	20.8	0.222	0.035159	15502	-2.746	86.07	0.985
13.6726	3.00236	50.004	50.003	50.012	22	0.223	0.039059	15502	-2.756	86.612	0.987
13.6241	2.98731	49.996	49.999	49.995	21.88	0.23	0.005195	15502	-2.776	75.82	0.989
13.7012	3.00495	49.998	49.999	49.999	22.34	0.227	0.016681	15502	-3.424	76.413	0.989
13.6472	2.99751	50	50.002	50.001	22.29	0.237	0.018531	15502	-4.448	77.148	0.987
13.6813	3.00017	50	49.993	49.999	22.28	0.241	0.059497	15502	-5.816	68.462	0.989
13.6668	2.99896	49.997	50.003	50	22.82	0.226	0.066097	15502	-7.47	68.513	0.99
13.6765	3.00547	50	50.001	50.006	22.6	0.237	0.141476	15502	-8.617	73.375	0.992
13.7084	3.00832	50	49.999	49.997	23	0.228	0.092454	15502	-9.927	76.244	0.993
13.677	3.0002	49.998	49.999	50	22.84	0.227	0.03554	15502	-9.927	71.649	0.994

13.6805	3.0004	49.999	50.004	50.002	23.01	0.233	0.044747	15502	-9.815	73.472	0.995
13.6748	3.00275	49.997	50.002	49.995	22.34	0.226	0.029242	15502	-9.47	62.773	0.994
13.6635	2.99785	49.999	50.002	50.003	21.64	0.234	0.180886	15502	-9.084	59.5	0.997
13.6734	2.99942	49.998	49.999	50.006	21.03	0.234	0.069534	15502	-8.617	57.316	0.996
13.6751	3.00705	49.998	50.001	49.998	23	0.236	0.148832	15502	-8.434	56.309	0.998
13.6892	3.00407	50.001	50	50	20.87	0.228	0.165344	15502	-8.373	56.236	0.996
13.6762	3.00188	50.003	50.002	50.003	22.89	0.234	0.06356	15502	-9.104	57.047	0.998
13.6775	3.00092	50	49.998	50	21.52	0.233	0.041536	15502	-8.505	50.99	0.998
13.6629	2.99541	50.001	49.998	49.998	22.25	0.243	0.030763	15502	-10.099	51.748	0.998
13.6662	2.99862	49.997	50	49.999	22.52	0.228	0.098768	15502	-11.135	55.523	0.999
13.6919	3.00561	50	49.999	50.002	23	0.244	0.043029	15502	-13.026	62.108	0.998
13.6662	2.99769	50.001	49.999	50.002	22.41	0.236	0.047803	15502	-14.247	65.259	1
13.704	3.00904	49.997	49.994	50	22.45	0.231	0.035404	15502	-14.979	64.552	1.001
13.6726	3.0022	49.999	49.999	49.998	22.35	0.238	0.128826	15502	-15.753	64.431	1.004
13.6646	2.9958	49.997	50.006	49.998	22.35	0.245	0.017136	15502	-16.242	63.668	1.002
13.6631	2.9996	50.001	50.002	50.005	22.72	0.242	0.180196	15502	-16.812	64.182	1.004
13.6266	2.98927	49.998	50.003	50	22.44	0.245	0.069269	15502	-17.331	64.082	1.006
13.6964	3.00469	49.999	49.995	50.004	22.46	0.235	0.030178	15502	-17.983	63.17	1.005
13.6845	3.00042	50.001	49.998	49.996	22.38	0.234	0.09689	15502	-18.676	64.248	1.006
13.7024	3.00615	50.002	49.999	50.001	22.37	0.233	0.352555	15502	-19.461	65.434	1.005
13.6562	2.99832	49.997	50.001	49.999	22.39	0.245	0.027585	15502	-20.113	68.061	1.006
13.6855	3.00137	49.999	50.001	50.001	22.34	0.237	0.034731	15502	-21.133	71.02	1.006
13.664	2.99844	50	49.994	49.999	22.24	0.235	0.013351	15502	-21.868	71.307	1.006
13.7045	3.00677	49.994	49.999	49.999	22.34	0.236	0.082587	15502	-21.664	68.811	1.006
13.6866	3.00206	49.994	49.999	49.999	22.38	0.251	0.018675	15502	-19.318	58.178	1.007
13.6899	3.00672	49.992	50.003	49.996	23.29	0.24	0.039972	15502	-16.69	50.167	1.007
13.6765	3.00542	49.999	49.998	50.004	23.03	0.243	0.015366	15502	-15.386	46.575	1.006
13.6626	2.99872	50.002	49.999	49.997	22.22	0.237	0.01707	15502	-13.84	43.622	1.006
13.6958	3.0049	49.998	49.998	49.999	23.06	0.249	0.062114	15502	-14.45	49.541	1.004
13.6804	3.00383	50.007	50.002	50.005	23.03	0.237	0.069005	15502	-14.175	50.366	1.004
13.6475	2.99301	50.002	50.001	49.996	22.14	0.236	0.015604	15502	-14.226	50.135	1.002
13.6603	2.99814	50.005	49.997	49.993	22.26	0.241	0.164085	15502	-13.83	52.362	1.001
13.6882	3.0036	49.997	49.998	50.003	22.34	0.233	0.021825	15502	-13.148	52.025	1
13.6623	2.99677	49.996	49.997	50	22.98	0.247	0.229514	15502	-13.84	55.768	0.999
13.6691	2.99956	50	50.002	50.004	22.64	0.23	0.149986	15502	-15.295	61.192	0.996
13.6874	3.00359	49.999	50.001	50.004	22.77	0.227	0.02261	15502	-16.119	67.728	0.996

13.6658	2.99713	50.001	49.995	49.997	22.4	0.233	0.042702	15502	-17.382	74.083	0.996
13.6602	3.00467	50	49.997	50.007	22.56	0.242	0.091399	15502	-16.486	77.445	0.995
13.6752	2.99908	50	50	50.003	22.34	0.242	0.115078	15502	-16.425	74.206	0.992
13.6828	3.00842	50.004	49.993	49.999	22.33	0.228	0.127845	15502	-15.977	77.348	0.991
13.6616	2.99717	50.005	50	49.999	22.32	0.226	0.049145	15502	-15.651	72.883	0.99
13.6705	2.99972	50.002	49.997	50.01	22.34	0.244	0.021411	15502	-15.305	71.159	0.987
13.6765	2.99981	50	49.992	49.998	22.32	0.237	0.077907	15502	-15.152	68.162	0.989
13.6582	3.00173	50.003	50.006	49.999	22.34	0.233	0.029948	15502	-15.509	67.223	0.987
13.647	2.99984	49.996	49.994	50.002	22.34	0.229	0.096152	15502	-15.794	73.035	0.984
13.6591	3.00428	49.998	50.002	49.998	22.3	0.224	0.04189	15502	-15.977	71.106	0.984
13.6806	3.00301	50.001	50.004	49.999	22.24	0.23	0.052742	15502	-15.712	72.481	0.982
13.6416	2.99854	50.002	49.999	50.003	22.34	0.224	0.099609	15502	-15.04	69.402	0.981
13.6472	3.00087	49.992	50.006	50.01	22.35	0.227	0.11066	15502	-13.148	63.234	0.98
13.6653	2.99742	50.002	50.004	50.003	22.34	0.226	0.028359	15502	-10.973	58.994	0.977
13.6774	2.99991	50.002	49.992	49.997	22.34	0.224	0.053559	15502	-8.84	59.007	0.978
13.6809	3.00112	50.004	50.001	50.001	21.8	0.24	0.035001	15502	-6.77	60.268	0.976
13.6399	2.99374	49.998	50.002	50.004	20.56	0.223	0.022873	15502	-3.992	57.379	0.974
13.6732	2.9966	49.999	50.003	50.001	22.43	0.222	0.014947	15502	-3.202	59.927	0.974
13.6932	3.00537	49.999	50.003	50.002	20.75	0.224	0.028229	15502	-2.462	62.889	0.972
13.6891	3.00694	49.997	49.999	49.997	21.34	0.221	0.053314	15502	-0.994	64.24	0.974
13.6719	2.9973	50.004	50.002	50.004	22.78	0.237	0.034841	15502	-0.306	65.795	0.972
13.6482	3.00111	49.999	49.998	50.001	23.51	0.226	0.038706	15502	-0.508	68.961	0.972
13.6625	3.00301	50.002	49.995	49.998	20.97	0.224	0.025294	15502	-1.601	73.753	0.973
13.6602	2.99678	49.998	50	49.994	21.34	0.218	0.031847	15502	-1.328	69.542	0.975
13.6881	3.00234	50	50.002	49.999	22.34	0.225	0.060146	15502	-2.209	68.12	0.974
13.6342	2.99499	49.998	49.997	49.994	22.34	0.237	0.113592	15502	-3.364	69.27	0.976
13.6741	3.00697	49.997	49.998	50.003	22.28	0.225	0.074232	15502	-3.89	65.686	0.975
13.647	2.99921	50	50.001	50.007	22.53	0.224	0.04851	15502	-5.289	68.39	0.975
13.683	3.00102	50.006	50	50	22.55	0.227	0.155748	15502	-7.125	70.337	0.977
13.6664	3.00547	50	50.001	50.001	22.62	0.236	0.039914	15502	-7.541	69.293	0.977
13.646	2.99795	50	50	49.998	22.55	0.224	0.128149	15502	-8.982	72.989	0.979
13.6716	2.99994	50.001	49.997	50.003	22.36	0.232	0.028977	15502	-9.47	67.723	0.978
13.6836	3.00442	49.998	50.002	50.01	22.45	0.227	0.054727	15502	-9.551	60.429	0.979
13.6392	2.99778	50	49.999	49.999	22.64	0.228	0.040532	15502	-10.566	60.622	0.979
13.6665	2.99779	49.997	50.004	50.002	22.68	0.243	0.221227	15502	-12.284	68.518	0.98
13.6405	2.99571	50.001	49.999	50.003	22.36	0.23	0.03335	15502	-11.593	69.407	0.979

13.6524	2.9939	50.002	50.001	50.003	22.33	0.225	0.021794	15502	-9.378	56.24	0.982
13.6783	3.00874	49.998	49.993	50	22.46	0.228	0.04116	15502	-7.216	45.796	0.981
13.6636	3.00233	50.001	50.002	50.011	23.08	0.239	0.026898	15502	-5.289	44.851	0.981
13.6858	3.00775	49.996	50.004	49.999	25.63	0.232	0.015552	15502	-3.749	47.377	0.981
13.6691	2.99587	50.005	49.997	49.996	26.32	0.241	0.084881	15502	-3.252	50.357	0.982
13.6678	3.00126	50.001	49.998	50	25.92	0.238	0.032629	15502	-4.053	54.092	0.982
13.6651	2.99751	50.002	49.998	49.999	24.37	0.234	0.036249	15502	-3.87	59.787	0.98
13.6882	3.00207	49.998	49.997	49.999	21.17	0.241	0.013934	15502	-5.431	86.558	0.979
13.6753	2.99927	49.994	50.004	50.012	21.74	0.232	0.013659	15502	-6.06	90.091	0.98
13.676	3.0069	50.002	49.994	49.996	22.29	0.228	0.017198	15502	-5.877	90.71	0.98
13.6629	3.00466	49.999	49.996	49.997	21.97	0.225	0.009916	15502	-6.141	91.606	0.98
13.6778	3.0067	49.997	50.001	49.991	22.58	0.229	0.012486	15502	-6.242	91.693	0.98
13.6598	3.00151	50.001	50.001	49.998	22.62	0.225	0.02358	15502	-6.435	91.642	0.982
13.6838	3.00127	50	50.001	49.997	22.85	0.237	0.010273	15502	-6.892	91.549	0.982
13.6612	3.00065	50.001	50.003	50.004	22.38	0.221	0.006713	15502	-7.297	91.321	0.982
13.6956	3.00703	50.001	50.005	49.997	22.34	0.229	0.021554	15502	-7.805	90.799	0.982
13.6772	2.99994	49.998	50.002	49.994	22.39	0.234	0.015964	15502	-8.261	90.708	0.981
13.7005	3.0057	50.001	50	50.002	22.54	0.232	0.010432	15502	-8.901	90.032	0.981
13.6578	3.00251	49.996	49.998	49.996	22.96	0.23	0.019702	15502	-9.52	89.592	0.982
13.6587	2.99473	50.001	50	50.001	22.55	0.224	0.021888	15502	-9.825	87.91	0.983
13.6426	2.99366	50	50.001	49.994	22.5	0.228	0.009536	15502	-10.018	86.947	0.984
13.6285	2.99609	50	49.998	49.999	22.65	0.228	0.006232	15502	-10.343	85.187	0.985
13.6461	2.99208	49.999	49.996	49.995	22.64	0.238	0.011769	15502	-10.546	83.343	0.986
13.6986	3.00426	50.002	49.999	49.996	22.58	0.241	0.013075	15502	-10.526	81.421	0.987
13.6748	3.00633	49.998	49.997	49.998	22.97	0.224	0.016462	15502	-10.282	77.765	0.987
13.6388	2.99101	50.002	50	50.008	22.91	0.229	0.010758	15502	-9.023	70.899	0.986
13.6399	2.99862	50	50	50	22.34	0.233	0.011951	15502	-9.216	69.156	0.989
13.67	2.99604	50	49.999	49.999	20.98	0.239	0.00781	15502	-8.312	65.096	0.99
13.6786	3.00217	50.002	50.003	50.001	22.51	0.238	0.008677	15502	-7.196	62.027	0.989
13.681	3.00515	49.998	49.999	50.004	24.23	0.235	0.027857	15502	-7.581	62.196	0.991
13.6841	3.00096	49.999	50.002	50.001	25.11	0.234	0.018205	15502	-7.693	55.959	0.992
13.7035	3.00526	49.998	50	49.997	25.53	0.232	0.020224	15502	-7.835	53.491	0.992
13.6475	2.99794	50.006	49.998	49.997	23.71	0.244	0.005183	15502	-9.774	56.285	0.993
13.6881	3.00215	49.997	49.997	49.997	22.31	0.236	0.01664	15502	-11.196	61.166	0.992
13.6556	2.9945	49.999	49.999	49.996	23.03	0.232	0.031427	15502	-12.762	62.719	0.995
13.6397	2.99177	50.002	49.997	50	22.93	0.235	0.013692	15502	-14.226	67.549	0.994

13.6571	3.0022	50.004	50.002	49.997	22.92	0.248	0.015211	15502	-15.732	72.479	0.997
13.6732	2.99699	49.999	50.005	50.001	22.88	0.234	0.032557	15502	-17.036	75.884	0.997
13.6314	2.98973	50.004	49.995	50.006	22.83	0.233	0.021276	15502	-19.237	81.883	0.997
13.6815	3.00144	50.001	49.997	50.003	22.78	0.249	0.068309	15502	-20.378	82.364	0.997
13.6868	3.00269	50.001	50	49.997	22.64	0.233	0.050591	15502	-21.684	81.459	0.996
13.6543	3.00022	49.993	50	49.995	22.48	0.238	0.033061	15502	-22.603	80.634	0.996
13.6641	2.99957	49.998	50.003	50.003	22.51	0.238	0.041626	15502	-23.113	80.009	0.999
13.6582	2.99662	50	50	50.002	22.34	0.244	0.016002	15502	-23.95	80.082	0.998
13.67	2.99869	50.001	50.001	49.995	22.34	0.236	0.148473	15502	-24.583	80.858	0.998
13.6873	3.00535	49.994	49.998	50	22.34	0.238	0.022382	15502	-24.685	81.277	1
13.6681	3.00289	50.001	49.996	49.999	22.34	0.241	0.071861	15502	-25.605	79.208	1
13.6763	3.00182	49.996	49.996	50.005	22.34	0.235	0.046961	15502	-24.869	78.634	1.001
13.638	2.99381	50.005	50.001	49.999	22.75	0.239	0.020459	15502	-22.317	74.954	1.001
13.6843	3.00258	49.998	49.999	49.996	23.03	0.242	0.007865	15502	-18.421	65.126	1.002
13.688	3.00383	50.002	49.999	49.997	21.58	0.24	0.042926	15502	-16.323	61.007	1
13.6317	2.99075	49.999	49.997	49.992	22	0.239	0.011001	15502	-14.654	61.664	1.004
13.6614	2.99471	50.006	50.003	50.001	22.34	0.238	0.035319	15502	-11.664	54.538	1.002
13.7106	3.00851	50	50.004	49.996	22.81	0.241	0.015387	15502	-11.888	57.214	1.003
13.6661	2.99625	50.003	50.007	49.998	23	0.238	0.017094	15502	-11.237	56.565	1.004
13.6597	2.99847	49.998	49.998	49.997	21.85	0.237	0.012661	15502	-11.491	53.574	1.002
13.6612	3.00297	50.005	50.002	49.999	20.82	0.236	0.023911	15502	-11.298	49.395	1.001
13.6472	2.99935	50	50.005	49.998	22.48	0.238	0.015626	15502	-12.579	56.214	1.001
13.6428	2.98851	49.998	50	50.006	23	0.233	0.011573	15502	-14.796	67.048	1.002
13.6815	3.00307	50.001	49.998	50.003	23.02	0.233	0.063165	15502	-16.751	75.285	1.004
13.7066	3.00639	49.999	50.003	50.006	22.89	0.248	0.027519	15502	-19.094	75.283	1.004
13.6677	3.0009	49.997	49.992	49.998	22.49	0.236	0.088352	15502	-20.99	76.777	1.004
13.6613	2.9967	50.002	49.994	50.001	22.47	0.237	0.033963	15502	-22.235	78.918	1.005
13.6334	2.99517	49.998	49.998	49.995	22.42	0.24	0.072695	15502	-23.031	79.57	1.005
13.675	3.00097	50	49.995	49.999	22.42	0.237	0.027945	15502	-23.603	79.127	1.004
13.6622	2.99932	50.002	50.002	50.001	22.38	0.245	0.018262	15502	-24.022	77.87	1.004
13.6814	3.00413	50.009	49.999	50.001	22.34	0.251	0.112963	15502	-24.471	77.273	1.005
13.6598	2.99884	49.996	49.998	50	22.34	0.24	0.043424	15502	-24.849	75.967	1.004
13.7011	3.00679	50.002	50.002	49.998	22.34	0.24	0.082011	15502	-25.074	76.307	1.004
13.6747	3.00274	50.003	49.997	49.999	22.32	0.24	0.021017	15502	-25.625	76.094	1.005
13.6475	2.99226	50	49.997	50.003	22.35	0.249	0.114713	15502	-25.687	76.899	1.006
13.6584	2.99802	50.004	50.002	50.003	22.38	0.239	0.015258	15502	-25.278	75.969	1.005

13.6954	3.0064	49.996	50.001	49.997	22.85	0.237	0.019211	15502	-20.46	67.121	1.005
13.6652	2.99832	49.999	49.997	49.996	23.04	0.243	0.036283	15502	-16.567	69.608	1.006
13.6601	2.99554	50	49.998	49.998	24.33	0.241	0.02371	15502	-10.201	50.971	1.006
13.6835	3.00897	50.005	49.993	49.99	14.75	0.225	0	15502	-8.414	47.048	1.001
13.6792	3.00068	49.998	49.998	49.999	23.08	0.235	0.004756	15502	-6.892	47.048	1.004
13.6645	2.99796	50.005	49.998	50.001	26.18	0.24	0.015268	15502	-5.928	49.778	1.004
13.6513	3.00047	50	50.002	49.996	29.03	0.25	0.009978	15502	-5.178	48.311	1.002
13.6744	3.00068	49.999	49.998	50.002	27.84	0.237	0.011085	15502	-5.218	48.534	1.002
13.6575	2.99581	49.999	49.998	50	25.31	0.236	0.013957	15502	-6.425	56.05	1.001
13.6731	2.99868	50.002	49.996	50.011	22.85	0.235	0.026358	15502	-7.48	63.781	0.998
13.6869	3.00174	50.003	50.005	49.999	22.89	0.235	0.010132	15502	-7.906	72.335	0.999
13.6588	2.99439	50.005	49.994	50.004	23.03	0.229	0.011257	15502	-8.434	86.7	1
13.6656	2.99585	50.001	50	49.997	22.61	0.229	0.012505	15502	-8.353	88.74	0.999
13.6591	3.00351	49.994	50.002	50.001	22.37	0.227	0.197257	15502	-8.373	89.167	0.997
13.6949	3.00474	49.998	50.002	49.997	23.02	0.232	0.075827	15502	-8.647	88.821	0.997
13.7093	3.00786	49.994	49.995	50.003	22.65	0.23	0.029149	15502	-8.251	88.77	0.996
13.6757	2.99984	49.995	50.004	49.996	22.74	0.229	0.006591	15502	-8.048	88.188	0.995
13.661	2.99541	50.003	49.999	49.997	22.93	0.232	0.021162	15502	-8.312	87.918	0.995
13.6767	3.0001	50.004	49.998	49.994	22.34	0.229	0.02351	15502	-8.881	88.519	0.994
13.6753	3.00225	49.997	49.997	50.002	22.36	0.232	0.026118	15502	-9.632	87.725	0.993
13.6691	2.99912	50.006	50.004	50	23.01	0.242	0.011379	15502	-10.424	88.298	0.994
13.6739	2.99903	50	49.993	50.001	22.38	0.242	0.007436	15502	-11.257	87.212	0.993
13.6465	2.99	49.994	50	50.002	22.93	0.228	0.009362	15502	-11.257	88.012	0.995
13.6646	2.99997	50.001	49.999	50.001	22.43	0.24	0.010401	15502	-10.648	86.466	0.992
13.6916	3.0046	49.997	50	49.989	22.34	0.232	0.013095	15502	-9.124	86.982	0.993
13.6548	2.99703	50.002	50	49.999	22.53	0.232	0.014548	15502	-7.744	84.044	0.994
13.6709	2.99676	49.998	50.001	50.003	22.04	0.236	0.016162	15502	-6.131	84.7	0.995
13.6631	2.99993	50.002	49.999	49.999	23.09	0.242	0.030524	15502	-5.37	84.512	0.993
13.6603	2.99808	50	49.994	49.997	26.4	0.237	0.019947	15502	-5.37	76.546	0.995
13.6925	3.00322	49.999	50.003	50.005	28.51	0.238	0.013036	15502	-4.235	74.358	0.995
13.6574	3.00047	49.999	49.995	49.996	27.07	0.244	0.016413	15502	-4.914	75.989	0.992
13.6682	3.00468	50.006	49.996	49.995	27.1	0.243	0.016088	15502	-4.316	70.209	0.993
13.6703	2.99893	49.998	50	49.999	23.4	0.24	0.007009	15502	-4.671	71.031	0.991
13.6791	3.0022	50.004	49.998	49.994	21.71	0.226	0.013237	15502	-5.756	73.127	0.991
13.6622	2.99858	50.001	50	50.003	22.81	0.228	0.025	15502	-7.338	76.595	0.992
13.6805	3.00148	50.001	50.001	50.004	22.81	0.232	0.047215	15502	-8.272	79.413	0.992

13.6588	2.99436	50	50.002	50.001	23.02	0.239	0.010676	15502	-9.642	83.064	0.992
13.6912	3.00937	50.003	50.003	50.002	22.71	0.235	0.020164	15502	-9.409	82.444	0.993
13.6794	3.00251	49.992	50	50.003	22.56	0.228	0.008785	15502	-8.881	80.415	0.995
13.69	3.00548	49.997	49.999	49.999	22.66	0.232	0.028204	15502	-9.388	76.979	0.995
13.6694	3.00044	50.002	50.002	50.01	22.95	0.234	0.018431	15502	-10.607	78.091	0.995
13.651	2.99286	49.998	50.004	50	23.02	0.233	0.023206	15502	-11.481	80.249	0.995
13.6808	3.00187	49.998	50.003	50.004	23.03	0.23	0.015165	15502	-12.599	81.805	0.995
13.6572	2.9933	50	50.008	49.992	22.92	0.228	0.006607	15502	-14.898	85.022	0.996
13.6649	2.99742	50.001	49.996	50.005	23.03	0.23	0.036061	15502	-15.346	86.661	0.998
13.6651	2.99864	49.998	49.997	50	22.96	0.236	0.013862	15502	-15.651	85.69	0.997
13.6567	3.0022	50.003	49.998	50.003	22.88	0.24	0.029671	15502	-16.73	85.481	0.998
13.6708	2.99882	50.004	49.997	50.002	22.91	0.231	0.011406	15502	-16.466	84.42	0.998
13.6524	2.99549	49.999	50.005	50.003	23.02	0.233	0.01436	15502	-9.774	72.134	0.999
13.6875	3.0013	49.998	50.005	50.006	23.03	0.235	0.015954	15502	-8.535	70.66	1
13.6647	2.99845	50.001	50	50.003	26.47	0.238	0.017724	15502	-4.478	57.577	1
13.6533	2.99888	49.998	50.003	50.004	30.54	0.24	0.011582	15502	-1.824	52.362	1
13.6843	3.00005	49.996	50.002	50.001	31.97	0.237	0.012867	15502	-1.176	50.121	0.999
13.6626	3.00092	49.999	49.998	49.998	32.72	0.233	0.07023	15502	-1.763	52.112	1
13.6773	3.00096	50.003	49.998	50.002	34.03	0.24	0.026997	15502	-0.893	49.274	1
13.6587	2.99743	49.999	49.999	49.999	33.83	0.241	0.033991	15502	0.139	48.194	0.999
13.6827	3.00226	50	49.999	50.001	30.61	0.237	0.056643	15502	-2.634	59.53	0.998
13.6801	3.00664	50.002	50.001	49.995	24.5	0.244	0.062927	15502	-3.546	61.383	0.996
13.6854	2.99914	49.999	49.997	49.995	21.12	0.243	0.046606	15502	-4.205	66.841	0.995
13.6571	2.99976	49.997	49.998	49.995	22.34	0.229	0.08802	15502	-4.6	72.882	0.995
13.6771	3.00173	50.001	49.997	49.994	22.34	0.243	0.011708	15502	-4.762	74.554	0.994
13.6909	3.00841	50.004	49.998	50	20.99	0.228	0.005101	15502	-4.549	74.101	0.992
13.6727	3.00007	50.009	50.007	50.009	21.16	0.236	0.016376	15502	-4.559	77.587	0.991
13.6777	3.00241	50.001	49.995	50.001	22.34	0.228	0.010702	15502	-4.732	79.406	0.989
13.6889	3.00357	49.993	49.998	49.998	21.63	0.229	0.022906	15502	-4.387	75.822	0.987
13.6687	2.99783	50.001	50.009	50.01	21.97	0.223	0.014969	15502	-4.336	74.432	0.986
13.6512	2.99584	49.998	50	49.994	22.08	0.237	0.009782	15502	-4.336	77.173	0.983
13.655	2.996	50.003	50.006	50.008	21.2	0.239	0.006393	15502	-4.073	78.547	0.981
13.6629	3.00146	50.001	50.003	49.997	21.7	0.238	0.020525	15502	-3.708	84.066	0.983
13.6772	3.00268	49.999	50.002	49.998	22.34	0.229	0.008942	15502	-3.131	87.84	0.981
13.6822	2.99927	49.997	49.997	49.988	21.02	0.222	0.009934	15502	-2.958	89.65	0.978
13.6914	3.00758	50.001	49.999	49.996	22.26	0.225	0.018761	15502	-2.422	90.278	0.977

13.6856	3.00176	49.997	49.991	49.997	21.01	0.222	0.020842	15502	-1.723	90.671	0.975
13.6421	2.99022	49.995	49.997	50.001	21.35	0.236	0.039363	15502	-1.439	90.139	0.974
13.6694	2.99808	50.001	49.996	50.001	20.28	0.221	0.025724	15502	-0.771	92.393	0.972
13.6566	2.99389	50.003	50.003	50.002	20.32	0.225	0.01681	15502	-0.205	92.95	0.971
13.6479	2.99256	50.002	49.997	50.001	21.04	0.225	0.004308	15502	0.605	91.889	0.971
13.7136	3.00501	50.001	50	49.998	21.74	0.23	0.004786	15502	1.151	89.817	0.969
13.6822	3.00004	49.999	50	49.997	22	0.22	0.015366	15502	1.454	88.442	0.969
13.6966	3.00712	49.999	50	49.997	22.34	0.22	0.01138	15502	1.535	86.682	0.97
13.6643	3.00067	50	50.001	50	22.09	0.222	0.021493	15502	1.353	85.405	0.972
13.6872	2.998	50.005	50.001	49.997	22.15	0.227	0.008262	15502	1.05	84.578	0.974
13.6658	3.00236	50.001	50.002	50	21.09	0.238	0.010403	15502	0.726	85.511	0.972
13.6743	2.99852	50.001	50.003	49.999	22.34	0.22	0.011557	15502	0.331	84.719	0.975
13.6591	3.00288	50	50	50.002	20.44	0.223	0.007552	15502	0.048	82.969	0.976
13.6597	3.00305	50	49.998	49.996	21.69	0.225	0.016165	15502	-0.549	79.563	0.977
13.6655	2.99607	50.006	49.995	50.002	20.98	0.233	0.006214	15502	-0.721	80.678	0.977
13.6774	2.99933	50.002	50.003	49.995	21.81	0.239	0.033916	15502	-0.792	82.095	0.978
13.6824	3.00238	49.998	49.996	49.996	21.75	0.226	0.008692	15502	-1.581	80.088	0.978
13.6934	3.00427	49.998	50	49.997	22.28	0.221	0.016415	15502	-2.736	82.721	0.978
13.6645	3.00241	49.999	50.004	49.996	22.41	0.224	0.018236	15502	-4.58	81.106	0.978
13.6338	2.99022	50.005	49.998	50.001	22.77	0.222	0.013506	15502	-6.952	81.314	0.981
13.6702	2.99898	50.002	50.001	50.004	22.75	0.236	0.025508	15502	-8.515	77.017	0.981
13.6945	3.00389	50	50.003	49.995	22.89	0.231	0.01667	15502	-10.15	76.987	0.984
13.6874	3.00484	50	49.999	49.997	22.78	0.226	0.012346	15502	-11.115	77.261	0.983
13.6839	3.00044	50.001	50	50.005	22.58	0.229	0.039638	15502	-11.562	76.666	0.985
13.6696	2.99961	49.999	49.999	49.995	22.32	0.239	0.015237	15502	-9.551	69.335	0.984
13.6419	2.99967	50.002	50.002	49.999	22.97	0.232	0.019185	15502	-9.957	68.344	0.987
13.6774	3.00134	50	50.002	50.002	22.58	0.231	0.012537	15502	-9.195	68.371	0.987
13.6979	3.00642	49.999	49.995	49.997	22.39	0.233	0.023678	15502	-8.535	64.08	0.987
13.6382	2.99387	49.999	50.004	50.007	22.34	0.237	0.010315	15502	-7.784	55.503	0.986
13.6856	3.00364	49.996	49.995	49.997	21.65	0.234	0.019482	15502	-7.399	54.508	0.986
13.6621	2.99663	50.001	50	50	21.32	0.227	0.012731	15502	-7.307	48.016	0.989
13.6788	3.00276	50	50	50.004	22.32	0.244	0.014144	15502	-6.952	51.158	0.989
13.6763	3.00104	50.003	50.002	50.006	22.34	0.229	0.009243	15502	-7.51	50.361	0.99
13.6798	3.00551	50	49.998	50	22.64	0.231	0.011637	15502	-7.906	48.43	0.99
13.6698	2.99794	50.002	49.997	50.007	22.54	0.24	0.012928	15502	-9.246	54.113	0.991
13.6659	2.99833	49.999	49.998	49.995	23	0.234	0.014363	15502	-10.099	56.451	0.99

13.6694	2.99802	50.006	49.998	49.998	22.92	0.237	0.052262	15502	-11.135	61.905	0.993
13.6685	2.99721	50	50.002	50.004	23.02	0.243	0.02009	15502	-11.511	62.841	0.992
13.6174	2.99328	50.002	50.001	50.007	22.48	0.245	0.014879	15502	-12.701	70.192	0.995
13.6384	2.99673	49.995	50.001	50	23	0.241	0.01102	15502	-12.66	66.755	0.996
13.648	2.99351	50.004	50.005	50.002	22.96	0.232	0.035381	15502	-13.616	66.323	0.995
13.6779	3.00138	49.998	50.002	50.002	23	0.237	0.015414	15502	-14.532	68.862	0.994
13.6841	3.00159	49.999	49.997	50	22.69	0.234	0.006715	15502	-15.285	71.023	0.994
13.6723	3.00015	49.999	49.996	49.993	22.48	0.232	0.012683	15502	-15.01	70.048	0.995
13.6629	2.9987	50.001	49.999	50.001	22.68	0.247	0.005525	15502	-15.325	71.457	0.994
13.677	3.00132	49.995	50.002	49.999	22.94	0.23	0.01774	15502	-16.374	72.384	0.996
13.6914	3.0069	49.993	50.002	50.002	23.01	0.232	0.013139	15502	-17.321	75.424	0.995
13.6384	2.99878	50.001	49.999	50.001	22.81	0.238	0.071712	15502	-17.423	73.582	0.996
13.6567	3.0015	50.004	49.996	49.996	22.79	0.247	0.046863	15502	-14.694	62.521	0.996
13.6677	3.00082	49.992	49.991	49.999	21.07	0.247	0.01201	15502	-12.447	53.564	0.998
13.6687	3.00451	49.999	50.003	50.003	22.34	0.24	0.015121	15502	-9.998	46.08	0.998
13.6813	3.00069	49.997	49.997	50.002	23.81	0.239	0.016799	15502	-10.648	49.487	0.998
13.6648	3.00188	49.998	49.994	49.999	22.34	0.237	0.006458	15502	-10.587	49.98	1
13.6838	3.00184	49.998	50	49.995	22.36	0.238	0.013822	15502	-10.485	48.737	0.998
13.6557	2.99564	50.006	49.999	49.999	20.97	0.232	0.009033	15502	-10.343	48.355	0.998
13.6764	3.00318	49.997	49.998	49.998	20.97	0.24	0.029	15502	-9.998	50.746	0.999
13.6497	2.99851	49.998	50.001	50.001	20.43	0.244	0.018951	15502	-10.038	52.038	1
13.6554	2.99444	50	49.999	49.996	22.34	0.237	0.014036	15502	-10.892	57.994	0.999
13.6824	3.00231	50	50	49.999	23.03	0.233	0.009172	15502	-12.741	67.721	0.999
13.6669	2.99717	49.997	50.005	49.994	23	0.236	0.011549	15502	-13.555	68.337	0.999
13.6849	3.00473	50.001	50.002	50	22.98	0.232	0.021811	15502	-13.819	67.02	1
13.6489	2.99392	50.001	49.999	49.997	22.98	0.234	0.00559	15502	-15	70.544	1
13.6923	3.00417	50.005	50.005	50.002	22.84	0.239	0.010556	15502	-16.058	75.114	0.999
13.6728	3.00053	49.998	49.998	50.003	22.95	0.241	0.09795	15502	-17.657	77.898	1.001
13.6808	3.0012	50	50	49.998	22.99	0.239	0.014766	15502	-18.808	81.025	0.998
13.6817	2.9997	50.002	50.005	50.001	22.94	0.24	0.031605	15502	-19.379	82.046	0.999
13.6508	2.99585	49.995	50.002	49.997	22.82	0.238	0.067648	15502	-19.787	81.002	1
13.7112	3.00848	50.002	49.999	50	22.95	0.237	0.026004	15502	-19.196	82.331	0.998
13.6714	2.99851	50.004	49.999	50	22.89	0.247	0.094623	15502	-18.421	83.439	0.997
13.6685	2.99958	50.003	50.001	49.998	22.62	0.241	0.041224	15502	-17.861	81.14	0.997
13.6574	3.00058	50.001	50.007	50.003	22.82	0.245	0.015847	15502	-16.975	82.959	0.997
13.6719	3.00431	49.999	49.998	49.995	22.53	0.232	0.033919	15502	-15.956	81.286	0.996

13.6616	2.99651	50.002	49.997	49.994	22.97	0.233	0.0726	15502	-13.25	74.366	0.996
13.668	2.99889	49.995	49.993	49.999	22.34	0.246	0.137112	15502	-10.15	64.244	0.996
13.6842	3.00168	50.004	50.001	49.999	21.74	0.244	0.089602	15502	-7.987	63.533	0.995
13.6921	3.00384	49.999	49.999	50	21.07	0.234	0.039036	15502	-6.252	61.611	0.993
13.6783	2.99883	50.006	49.999	49.999	23.05	0.24	0.125331	15502	-4.58	60.938	0.992
13.6625	2.99462	50.003	49.997	49.994	25.19	0.23	0.048179	15502	-3.262	61.137	0.991
13.6591	3.00441	49.997	50.002	50.008	24.47	0.236	0.053524	15502	-2.371	62.717	0.99
13.71	3.00931	50.003	50	50.001	25.51	0.235	0.020575	15502	-1.581	59.868	0.989
13.6427	2.99697	49.997	50	49.999	26.34	0.237	0.013446	15502	-0.933	61.482	0.989
13.6389	2.99675	49.995	50	49.996	25.78	0.231	0.043169	15502	-1.419	65.726	0.989
13.6745	2.99837	50.006	50.005	50.001	22.34	0.222	0.081529	15502	-2.675	72.676	0.988
13.6449	2.99696	49.996	49.999	49.994	22.34	0.225	0.018436	15502	-3.708	75.76	0.99
13.6436	2.99229	50.003	50	50.013	22.48	0.222	0.05919	15502	-3.83	77.005	0.987
13.6666	2.99737	49.998	50.004	49.991	22.66	0.227	0.013384	15502	-4.377	77.721	0.988
13.6417	2.99813	49.997	50	50.001	21.92	0.234	0.042971	15502	-4.316	78.312	0.986
13.6273	2.99493	49.999	50	50.008	22.39	0.23	0.018721	15502	-3.931	78.607	0.987
13.6518	2.99278	49.995	49.995	49.999	22.38	0.235	0.012234	15502	-3.526	77.12	0.985
13.675	3.00034	50.004	50.004	49.998	22.34	0.225	0.007995	15502	-2.969	77.595	0.984
13.7116	3.00651	49.995	50.005	49.997	22.38	0.237	0.005225	15502	-3.141	79.316	0.983
13.6774	3.00651	49.998	49.999	49.996	21.53	0.225	0.009867	15502	-3.141	81.246	0.985
13.7042	3.00738	49.997	50.001	50	22.34	0.226	0.009672	15502	-2.837	82.213	0.983
13.6797	3.00388	50.003	50.005	50.003	20.97	0.222	0.031054	15502	-2.867	83.355	0.983
13.6462	2.99457	50.008	50.006	50	20.73	0.226	0.020294	15502	-1.966	83.663	0.985
13.6776	3.00073	49.997	50	50.001	20.3	0.222	0.038327	15502	-0.478	81.101	0.984
13.6449	2.99844	50.01	49.997	50.001	22.22	0.236	0.025047	15502	2.586	71.08	0.982
13.6559	2.98916	49.998	49.999	50.001	28.53	0.236	0.01855	15502	4.567	66.936	0.985
13.6951	3.00676	50.007	50.002	50.01	32.66	0.23	0.012122	15502	5.667	62.752	0.985
13.6938	3.00388	50.006	50.006	49.997	33.78	0.229	0.013467	15502	5.597	63.32	0.985
13.6955	3.00551	50.003	50.002	50	34.37	0.238	0.014961	15502	6.687	60.771	0.983
13.6663	2.99779	49.996	50.001	50.003	33.51	0.231	0.028256	15502	6.565	58.706	0.985
13.6601	3.00096	49.996	49.998	49.998	33.07	0.229	0.020927	15502	6.121	61.66	0.984
13.659	2.99301	50.008	50.004	50.002	32.66	0.243	0.013676	15502	5.455	63.489	0.986
13.6942	3.00406	50.001	49.999	49.998	31.3	0.238	0.015193	15502	4.91	67.266	0.987
13.6887	3.00291	50.006	50.002	49.996	29.23	0.227	0.011252	15502	3.92	72.138	0.985
13.6467	2.99824	49.995	49.997	50	25.32	0.224	0.007353	15502	2.283	78.029	0.987
13.6753	3.00078	50.005	50.002	50.002	22.33	0.227	0.008169	15502	1.414	81.428	0.985

13.6366	2.9948	50.004	50.004	49.995	20.89	0.227	0.017486	15502	1.495	80.613	0.986
13.678	2.99948	50.005	49.996	49.997	20.17	0.234	0.006722	15502	0.948	82.167	0.985
13.6522	3.00146	50.004	49.999	49.996	21.63	0.226	0.007467	15502	0.908	81.792	0.986
13.6534	2.99482	50.002	49.998	49.999	22.32	0.239	0.00488	15502	-0.083	84.123	0.986
13.6358	2.996	49.997	49.997	49.997	20.33	0.226	0.009216	15502	-0.357	85.113	0.987
13.6527	2.9972	50.001	49.999	50.001	21.09	0.225	0.017406	15502	-0.67	85.648	0.989
13.6884	3.00451	49.999	50.004	49.997	21.47	0.236	0.006691	15502	-1.703	87.162	0.987
13.6701	3.0011	50.001	49.999	50	21.37	0.23	0.021482	15502	-1.622	88.317	0.985
13.6638	3.00284	49.999	49.998	50.001	21.04	0.236	0.008258	15502	-1.227	88.25	0.985
13.7067	3.00542	50.002	50.003	50.001	20.27	0.234	0.015596	15502	-1.895	89.751	0.987
13.6497	3.00103	50.001	49.998	50.002	20.4	0.237	0.017326	15502	-2.31	90.368	0.987
13.6435	2.99719	49.999	50.003	49.999	22.34	0.232	0.00666	15502	-2.108	91.449	0.99
13.6705	2.9979	49.997	50.006	50.002	23.59	0.242	0.004352	15502	0.948	78.542	0.99
13.6605	2.99425	49.999	50	50.001	27.84	0.233	0.023756	15502	3.597	72.201	0.991
13.6721	2.99607	50.001	50.003	50.006	31.97	0.247	0.01035	15502	5.072	58.809	0.99
13.6507	2.99465	49.998	49.999	49.998	32.27	0.241	0.011498	15502	3.556	68.622	0.99
13.6745	2.9971	50.003	49.997	50.002	31.97	0.237	0.036915	15502	6.576	50.176	0.99
13.685	3.00014	50.001	49.993	49.999	34.06	0.248	0.005565	15502	5.374	54.791	0.99
13.6944	2.99768	50	49.996	50.003	32.83	0.232	0.030374	15502	5.122	56.959	0.987
13.6736	3.00153	50.001	50	49.999	31.28	0.229	0.006868	15502	4.728	56.118	0.989
13.6275	2.99392	50	50.003	49.997	31.28	0.233	0.022051	15502	4.728	58.785	0.986
13.6581	3.00065	50.001	50.004	50.002	30.67	0.243	0.016332	15502	5.233	54.829	0.986
13.7064	3.00822	50.004	49.993	49.995	29.91	0.235	0.006278	15502	2.222	67.744	0.985
13.6856	3.00318	49.997	50	49.994	25.78	0.239	0.00465	15502	-0.508	82.366	0.986
13.6525	2.99467	50	49.999	49.998	23.68	0.225	0.008781	15502	-1.338	85.564	0.987
13.6639	2.99662	50.004	50.001	49.997	22.14	0.226	0.009756	15502	-2.027	88.771	0.987
13.6433	2.99837	49.999	50.002	50.003	20.98	0.229	0.018424	15502	-2.634	90.364	0.985
13.6796	3.0014	50.002	49.998	50	22.43	0.228	0.007083	15502	-3.05	90.753	0.987
13.6849	3.00701	49.999	50.004	50	22.34	0.227	0.025771	15502	-3.688	91.154	0.985
13.6622	3.00201	50.002	49.997	49.998	21.92	0.229	0.016841	15502	-4.346	91.854	0.985
13.6308	2.98767	50	50.005	50.003	22.35	0.232	0.006474	15502	-4.985	92.122	0.987
13.6693	2.99866	50.003	50.002	49.998	21.56	0.225	0.007192	15502	-5.431	92.552	0.985
13.6806	3.00242	49.999	50	50.001	21.78	0.229	0.00799	15502	-5.827	91.924	0.986
13.6832	3.00238	50.002	50	49.995	21.71	0.225	0.01509	15502	-6.07	92.124	0.985
13.6233	2.98789	49.996	49.997	49.993	21.75	0.222	0.019	15502	-4.468	92.192	0.989
13.6619	3.0026	50	50.002	50.003	22.54	0.228	0.012416	15502	-4.863	91.028	0.987

13.6941	3.00434	50	49.998	50.001	23.03	0.227	0.039864	15502	1.029	80.248	0.987
13.6711	2.99841	50.003	50.002	50.005	30.52	0.234	0.009014	15502	4.839	67.333	0.991
13.6704	2.99936	50.005	50.005	50.004	33.41	0.247	0.005891	15502	7.655	57.641	0.99
13.6746	2.99953	49.998	49.997	49.993	33.42	0.235	0.011125	15502	9.107	51.16	0.99
13.6784	3.00102	50.003	50.005	49.996	33.41	0.236	0.035719	15502	9.339	56.444	0.99
13.6361	2.99687	50.001	50.001	50.001	33.43	0.233	0.023342	15502	9.934	54.464	0.987
13.6556	2.99465	50.002	50.001	50.001	33.36	0.238	0.005278	15502	9.49	52.121	0.989
13.6953	3.00338	49.999	50	49.998	33.54	0.241	0.028808	15502	9.289	55.996	0.986
13.6346	2.99067	49.998	50.001	50.004	33.61	0.233	0.028239	15502	9.228	49.378	0.986
13.6854	2.99998	50.005	49.999	50.002	33.71	0.233	0.018454	15502	8.059	63.163	0.986
13.6669	2.99742	50.001	49.998	49.998	32.06	0.228	0.013668	15502	4.577	74.649	0.987
13.6455	2.99166	49.996	50.001	49.997	27.84	0.229	0.008932	15502	1.616	84.091	0.985
13.6798	3.00368	49.996	49.996	50.004	25.4	0.231	0.0325	15502	1.1	88.457	0.985
13.6904	3.00012	50.001	49.995	49.998	24.42	0.228	0.06138	15502	2.849	92.051	0.983
13.6768	2.99972	49.997	50	50.001	24.31	0.225	0.115922	15502	2.596	91.737	0.986
13.6939	3.00098	49.995	50.003	50	23.73	0.233	0.017475	15502	1.869	93.223	0.984
13.6624	3.00298	50	50.002	50	23.32	0.223	0.033003	15502	1.98	94.546	0.985
13.6938	3.00412	50.004	50	49.998	23.69	0.229	0.021568	15502	2.101	95.015	0.984
13.6981	3.00378	50.001	50.002	50.005	24.41	0.23	0.005527	15502	1.848	95.175	0.982
13.6562	3.00032	50.003	49.999	50.002	24.86	0.232	0.020112	15502	1.939	95.551	0.983
13.6901	3.00331	49.995	50.004	49.997	25.09	0.223	0.007731	15502	1.747	95.631	0.983
13.661	2.995	50.002	50.006	49.999	25.09	0.236	0.009734	15502	1.393	95.819	0.983
13.6905	3.00408	50.002	49.998	49.998	25.04	0.233	0.018384	15502	1.232	95.948	0.981
13.6242	2.99393	50	50.003	50.004	25.07	0.231	0.013616	15502	1.353	96.038	0.983
13.6499	2.99827	50.004	49.997	50	25.72	0.222	0.015126	15502	2.162	95.963	0.983
13.6842	3.00188	50.001	50.002	50.003	27.28	0.232	0.011203	15502	3.698	95.499	0.983
13.6904	3.00377	50.002	50	50.003	29.24	0.232	0.035968	15502	5.637	87.001	0.984
13.6745	2.99956	50.001	49.999	50.003	32	0.237	0.023505	15502	6.596	82.848	0.983
13.6582	3.00375	50.003	49.996	50.005	34.04	0.233	0.017408	15502	7.201	82.192	0.984
13.6798	2.99863	50.003	50.002	49.998	33.86	0.232	0.006692	15502	8.17	80.787	0.982
13.6807	3.00536	50.003	50.001	49.998	33.7	0.241	0.007434	15502	8.401	82.607	0.984
13.6732	3.00632	49.998	50.001	50.003	33.53	0.237	0.014041	15502	8.583	82.342	0.982
13.6861	3.00977	50.001	50.001	49.999	33.36	0.24	0.009175	15502	9.793	78.404	0.983
13.641	2.99081	50	50.003	50.004	33.87	0.233	0.005996	15502	7.282	82.258	0.983
13.6442	2.99633	49.998	49.997	49.998	32.03	0.236	0.021818	15502	2.89	92.062	0.984
13.6707	3.00422	49.997	50.001	49.999	27.86	0.233	0.008387	15502	0.544	93.314	0.982

13.6502	2.99399	49.997	49.999	50	25.13	0.234	0.009318	15502	0.018	94.615	0.984
13.659	3.00108	49.997	50.001	49.998	24.01	0.229	0.011731	15502	-0.792	94.887	0.984
13.655	3.00087	49.999	50.001	50.001	23.03	0.235	0.007666	15502	-1.146	95.202	0.983
13.6914	3.00698	49.992	50.002	49.997	22.94	0.224	0.014479	15502	-1.5	95.356	0.984
13.6778	3.00088	49.999	49.996	50	22.34	0.226	0.005566	15502	-1.784	95.584	0.984
13.6672	2.99667	49.995	49.999	50.005	21.67	0.232	0.010512	15502	-2.108	95.528	0.984
13.6571	2.99575	49.995	49.994	50	21.03	0.228	0.019852	15502	-2.371	95.488	0.985
13.6419	2.99113	50.005	50.002	49.997	20.98	0.226	0.012973	15502	-2.371	95.657	0.984
13.6653	2.99503	49.997	50.001	50	20.96	0.233	0.014413	15502	-2.493	95.602	0.985
13.6518	2.99082	50.006	50.003	50.002	20.72	0.24	0.016012	15502	-2.817	95.502	0.985
13.6754	3.00298	49.999	50.003	49.995	20.41	0.224	0.017788	15502	-2.938	95.379	0.987
13.633	2.9886	50.003	49.998	49.999	20.83	0.228	0.029642	15502	-2.158	94.913	0.987
13.6903	3.00665	50.003	50	50.003	23.1	0.242	0.011395	15502	1.434	93.641	0.989
13.6469	2.99879	50	49.998	50.003	30.14	0.236	0.024389	15502	6.323	80.943	0.991
13.6833	3.00602	50.002	49.997	50.002	34.65	0.236	0.015938	15502	9.48	63.125	0.991
13.6812	2.9996	50.001	50.002	49.997	34.04	0.229	0.017707	15502	11.012	59.359	0.992
13.6861	3.00058	49.999	49.995	49.996	33.94	0.243	0.033441	15502	12.855	54.17	0.992
13.6643	3.00163	50.002	50.005	49.997	33.54	0.235	0.014569	15502	13.791	41.603	0.992
13.6692	3.00072	49.997	50.004	50.002	33.91	0.236	0.027515	15502	13.861	41.253	0.993
13.6448	2.99798	50.003	50.001	49.999	33.64	0.234	0.010577	15502	14.394	41.833	0.992
13.6715	2.99869	49.999	50.003	50.004	33.64	0.232	0.019976	15502	13.016	43.869	0.994
13.6551	3.00036	49.998	49.999	50.007	33.69	0.23	0.013054	15502	12.261	46.854	0.996
13.7099	3.00624	50.003	50.002	49.994	33.35	0.244	0.024654	15502	7.252	64.409	0.995
13.6632	2.99498	49.999	49.996	50.001	29.22	0.235	0.027389	15502	3.092	77.096	0.996
13.6862	3.00209	49.999	49.998	50.004	25.82	0.232	0.020285	15502	0.969	84.513	0.995
13.6863	3.00661	49.996	49.998	49.996	23.65	0.242	0.022535	15502	-0.215	86.925	0.995
13.6637	2.99732	49.994	50.003	49.998	22.33	0.228	0.04256	15502	-1.156	87.998	0.995
13.6593	2.9995	50.003	50.004	50.003	20.97	0.229	0.009624	15502	-1.824	89.934	0.993
13.6648	2.99827	50.004	50.001	50.004	20.29	0.236	0.007128	15502	-2.594	90.017	0.995
13.6936	3.01022	49.999	50	50.001	21.83	0.244	0.020192	15502	-2.675	90.835	0.996
13.6751	2.99874	49.999	50.001	49.996	21.29	0.233	0.005175	15502	-3.202	90.911	0.996
13.6551	2.99497	49.998	49.998	49.999	22.68	0.24	0.009773	15502	-3.597	91.416	0.996
13.6688	2.99925	49.997	50	49.998	22.3	0.233	0.018457	15502	-3.647	91.402	0.996
13.6894	3.0112	50.002	49.997	50	20.99	0.226	0.007095	15502	-3.85	91.562	0.996
13.6719	2.99743	50	50.004	49.995	22.39	0.232	0.015187	15502	-3.647	92.38	0.995
13.6495	2.99428	50.001	50.003	49.998	22.06	0.236	0.016871	15502	-2.391	90.106	0.994

13.675	2.99944	50	50.002	50.002	24.06	0.228	0.011025	15502	4.779	66.761	0.997
13.6791	3.00599	50.001	50.001	50.001	31.14	0.232	0.023599	15502	6.555	65.626	1
13.6739	2.99827	50.001	49.999	50.009	34.6	0.237	0.044569	15502	9.168	57.442	0.998
13.6472	2.99748	49.998	49.998	49.998	34.04	0.229	0.029125	15502	10.508	52.385	0.998
13.6331	2.99691	50.001	50	50	33.95	0.234	0.036671	15502	11.667	49.302	1
13.6829	2.99932	49.999	49.996	49.998	33.76	0.232	0.040739	15502	12.694	45.962	0.999
13.6872	3.00345	49.997	50.001	49.999	33.5	0.228	0.026623	15502	13.579	48.746	0.997
13.6968	3.00621	49.999	50.006	49.997	33.46	0.235	0.029577	15502	13.68	51.207	0.997
13.6513	2.99951	49.999	49.996	49.999	33.44	0.233	0.021905	15502	12.764	58.117	0.995
13.6875	3.00361	50.005	50.003	50	33.82	0.233	0.014315	15502	11.334	60.422	0.995
13.6627	3.00226	50.001	49.998	50.001	33.15	0.232	0.08855	15502	8.099	69.623	0.996
13.6694	2.99484	49.996	49.996	49.996	29.5	0.233	0.020023	15502	5.96	75.138	0.995
13.6761	3.00597	50.003	50	49.999	27.14	0.238	0.013085	15502	5.122	79.284	0.994
13.6945	3.00236	49.999	49.994	49.998	25.78	0.242	0.028007	15502	4.597	79.524	0.994
13.6791	3.0028	49.999	50	50	25.63	0.225	0.006333	15502	4.789	75.89	0.992
13.6453	2.99153	49.998	49.999	49.999	25.7	0.228	0.007974	15502	4.526	75.586	0.992
13.634	2.99739	50.003	50.002	50.002	25.47	0.23	0.008858	15502	3.688	77.808	0.992
13.6529	3.00089	50.004	50	50.004	25.34	0.234	0.005789	15502	3.849	75.964	0.991
13.6763	3.00416	50.008	49.999	50.002	25.09	0.23	0.007289	15502	3.132	78.816	0.99
13.6594	2.99347	50.002	49.998	50	24.56	0.234	0.015601	15502	2.091	80.795	0.99
13.6363	2.99223	50.006	50.002	50.002	24.41	0.229	0.017332	15502	1.626	84.16	0.99
13.6612	2.99513	50.003	50	49.999	24.39	0.225	0.011326	15502	2.243	81.599	0.99
13.6604	3.00514	50.004	49.999	50.003	24.4	0.228	0.01426	15502	2.182	80.935	0.989
13.6822	3.00033	49.999	50	50.002	24.4	0.229	0.015842	15502	2.364	80.346	0.987
13.7064	3.01249	50.005	50.01	50.009	27.51	0.225	0.010353	15502	6.989	66.543	0.99
13.6677	2.99995	49.997	49.999	50.001	33.4	0.234	0.033239	15502	9.873	54.752	0.99
13.664	3.00165	50.001	49.995	50	34.03	0.243	0.008518	15502	11.244	53.606	0.99
13.683	3.00842	50.005	50	49.998	33.89	0.23	0.016088	15502	11.657	55.314	0.99
13.7002	3.00349	49.999	49.997	49.996	33.59	0.235	0.017873	15502	13.771	53.272	0.986
13.6697	3.00532	50.004	50.002	50.003	33.51	0.242	0.019855	15502	15.38	51.381	0.989
13.6718	3.00437	50	49.995	49.998	33.73	0.228	0.024999	15502	16.406	50.368	0.984
13.6299	2.99238	49.998	50.001	50.001	33.48	0.227	0.047214	15502	17.561	41.073	0.985
13.6656	2.99964	49.998	50.002	50.004	33.66	0.228	0.030854	15502	16.828	46.825	0.984
13.6713	3.00091	50.005	50.003	50.002	33.51	0.233	0.058271	15502	15.994	53.68	0.986
13.6713	3.00245	49.998	50	50	33.9	0.237	0.043157	15502	12.663	65.583	0.984
13.6763	3.00576	49.998	49.996	50	32.53	0.233	0.00574	15502	7.938	79.181	0.985

13.6616	3.00188	49.999	49.998	50.003	30.6	0.241	0.01843	15502	7.514	83.392	0.984
13.6973	3.00515	49.997	49.998	50	29.53	0.226	0.034808	15502	7.534	84.47	0.984
13.6765	3.00522	50.005	50.001	50	28.62	0.232	0.005247	15502	6.162	89.032	0.983
13.6784	3.00572	49.998	50.008	50.001	28.2	0.229	0.016847	15502	4.405	90.845	0.983
13.652	2.99865	49.996	50.001	49.998	27.39	0.232	0.006476	15502	3.597	91.965	0.983
13.6693	2.99601	50	50.002	49.998	27	0.239	0.013862	15502	3.405	92.325	0.981
13.6989	3.00512	50	50.003	50.003	26.47	0.227	0.009058	15502	3.071	92.929	0.983
13.6549	2.99933	50	49.997	50.003	25.83	0.236	0.006709	15502	2.677	93.588	0.983
13.6942	3.00223	50.002	49.998	50.003	25.43	0.24	0.012671	15502	2.142	93.579	0.981
13.6781	2.99803	50	50.004	50.002	25.13	0.224	0.014076	15502	2.617	93.047	0.984
13.6988	3.00522	50.003	49.997	49.996	25.09	0.227	0.017723	15502	2.212	92.572	0.982
13.6503	2.99139	49.996	49.998	49.992	24.61	0.23	0.011582	15502	1.737	93.127	0.984
13.6445	2.99836	49.996	50.001	49.997	25.14	0.227	0.014582	15502	2.849	91.309	0.985
13.6523	2.99977	49.997	49.999	50.009	29.97	0.233	0.005606	15502	9.309	66.722	0.988
13.6608	3.00164	50	50.001	50	34.06	0.232	0.006227	15502	9.742	60.564	0.986
13.6866	2.99871	49.998	49.999	50.001	34.65	0.238	0.007841	15502	10.851	65.013	0.987
13.647	2.99845	49.995	50.001	50.002	34.05	0.227	0.025174	15502	12.251	56.829	0.987
13.6659	2.99388	50	49.998	50.001	33.96	0.243	0.003795	15502	13.771	54.665	0.986
13.6943	3.00402	50.003	50	49.999	33.8	0.228	0.012184	15502	15.229	48.27	0.985
13.6602	3.00255	49.995	49.992	49.999	33.48	0.226	0.023011	15502	15.149	45.724	0.986
13.6622	3.00501	49.997	50.002	49.999	33.68	0.229	0.017043	15502	15.058	43.077	0.985
13.6567	3.00116	50.006	50	49.999	33.62	0.229	0.011137	15502	14.113	51.975	0.986
13.675	3.00597	49.999	49.997	49.999	33.34	0.228	0.012373	15502	11.606	57.851	0.986
13.6572	2.99907	50.002	49.997	49.995	30.6	0.226	0.045021	15502	6.404	76.581	0.987
13.667	2.99669	50	49.999	50	27.93	0.237	0.005988	15502	5.96	76.907	0.986
13.6698	2.99942	49.996	50	50.004	26.46	0.227	0.012818	15502	3.991	83.3	0.987
13.6874	3.00259	50.001	50.003	49.998	25.09	0.228	0.008376	15502	4.88	79.709	0.987
13.6955	3.00327	50	49.997	49.997	24.4	0.221	0.017929	15502	2.324	84.845	0.986
13.654	2.99555	50.002	50.002	50	23.08	0.241	0.006892	15502	0.665	89.897	0.986
13.6712	2.99624	49.998	49.997	49.998	22.34	0.239	0.008677	15502	-0.69	91.453	0.989
13.6567	2.99626	49.999	50	50.001	21.34	0.227	0.00964	15502	-1.5	92.548	0.989
13.6396	2.99317	49.998	49.998	50	20.77	0.234	0.01071	15502	-1.915	93.137	0.987
13.6423	2.99255	50	49.999	50.001	20.28	0.232	0.006999	15502	-2.472	93.401	0.987
13.6602	2.99966	49.994	49.995	49.995	22.3	0.228	0.007775	15502	-2.574	93.763	0.99
13.6522	2.99292	49.998	49.996	49.995	22.35	0.238	0.008638	15502	-2.796	94.006	0.989
13.6656	2.99642	50	49.998	50.001	20.93	0.24	0.009596	15502	-1.46	94.31	0.99

13.6773	3.00623	50.001	50.001	50	24.46	0.235	0.034917	15502	4.385	78.78	0.99
13.6795	3.0014	49.994	50.003	50.005	31.92	0.23	0.022818	15502	7.917	66.117	0.993
13.6589	2.9947	50.001	50.001	49.999	34.05	0.233	0.0169	15502	10.548	59.661	0.992
13.6642	3.00229	49.998	49.997	49.998	33.35	0.238	0.054259	15502	13.187	53.946	0.991
13.6625	2.99585	50.002	50.002	49.999	33.89	0.238	0.012269	15502	14.938	48.892	0.991
13.6789	2.99938	50	49.999	50.005	33.83	0.228	0.026261	15502	15.39	44.695	0.989
13.7017	3.0056	49.999	49.999	50	33.56	0.226	0.017162	15502	16.918	40.475	0.989
13.655	2.99996	49.998	50	49.999	33.41	0.239	0.019066	15502	17.511	37.945	0.985
13.6684	2.99891	50.003	50.001	50	33.81	0.225	0.040808	15502	16.888	43.061	0.986
13.6667	3.00394	50.003	49.995	50.003	33.88	0.226	0.015687	15502	16.235	43.926	0.984
13.6592	3.00231	49.999	50	50.002	34.55	0.234	0.017427	15502	15.139	46.457	0.984
13.6544	3.0013	49.996	50	49.999	33.72	0.227	0.012907	15502	14.244	49.083	0.985
13.6387	2.99126	49.997	50.009	50.001	32.7	0.233	0.014339	15502	13.318	52.293	0.984
13.644	2.99772	50.006	49.998	50.001	32.65	0.234	0.005512	15502	13.127	51.961	0.983
13.6939	3.00229	49.998	50.006	50.001	31.56	0.233	0.00694	15502	9.914	61.477	0.983
13.678	2.998	50.005	50.002	50.004	30.6	0.236	0.004535	15502	11.798	50.122	0.983
13.6474	2.9985	50.002	50.005	50	30.14	0.225	0.009707	15502	11.717	51.032	0.983
13.6712	3.0005	50.005	50.003	49.995	29.85	0.232	0.010784	15502	10.891	56.061	0.984
13.6784	2.99686	49.999	49.997	50.001	29.53	0.225	0.013578	15502	9.984	61.319	0.982
13.6921	3.00142	49.998	50.004	49.999	29.26	0.236	0.00522	15502	6.787	74.224	0.982
13.6606	2.99781	49.998	49.997	50	28.52	0.228	0.003866	15502	6.586	76.271	0.983
13.6662	2.99448	50.004	50.001	49.998	27.52	0.236	0.007301	15502	5.96	76.907	0.983
13.6859	3.00142	49.998	50.006	50.002	26.59	0.23	0.023441	15502	6.424	74.605	0.981
13.6557	2.99337	49.999	49.997	49.999	27.16	0.224	0.009011	15502	7.655	71.382	0.983
13.658	2.99428	50.003	50.001	50.003	30.6	0.228	0.019287	15502	11.093	62.441	0.983
13.6821	2.99749	49.999	50	50	33.77	0.232	0.007414	15502	12.734	58.758	0.982
13.6848	3.00926	49.997	49.999	49.996	33.77	0.23	0.026978	15502	15.441	49.99	0.981
13.6552	2.99857	50.002	50	49.998	33.37	0.228	0.029971	15502	17.702	45.328	0.982
13.6813	2.99877	49.997	50.001	49.998	33.38	0.228	0.019586	15502	18.988	46.258	0.98
13.6476	2.99802	50.001	49.999	50.001	33.36	0.223	0.036989	15502	21.276	41.948	0.98
13.6585	2.99408	50.001	49.998	49.998	33.35	0.226	0.041093	15502	23.252	35.732	0.977
13.6674	3.00152	50.003	49.998	49.999	33.35	0.226	0.030435	15502	24.325	33.128	0.977
13.6732	2.99384	49.998	50.002	50.003	33.35	0.226	0.019889	15502	23.132	39.335	0.978
13.6417	2.99529	50.003	50.004	50	33.35	0.239	0.022095	15502	22.209	44.891	0.975
13.6402	2.9951	50.004	49.997	50.001	33.5	0.223	0.024547	15502	19.49	53.033	0.978
13.6729	2.99834	50.001	49.997	49.995	34.12	0.229	0.009436	15502	17.381	58.776	0.978

13.6787	2.99925	50.002	50.003	49.997	34.04	0.229	0.006166	15502	13.207	71.406	0.978
13.6989	3.00485	49.999	50.004	50.002	33.35	0.23	0.006851	15502	15.913	53.393	0.978
13.6746	2.99837	49.998	50.007	49.999	32.94	0.227	0.012938	15502	13.298	56.81	0.979
13.654	2.99128	49.998	50.002	50.001	31.93	0.224	0.014373	15502	11.767	59.828	0.98
13.6683	2.99605	50.002	50.001	50.002	29.35	0.24	0.010645	15502	8.482	68.735	0.982
13.6708	3.00393	50	50.002	49.995	27.15	0.222	0.020105	15502	6.414	81.228	0.982
13.6369	2.99391	50.001	50.008	49.999	26.42	0.222	0.01489	15502	5.859	84.892	0.984
13.6841	3.00041	50.005	49.999	49.998	26.56	0.227	0.016542	15502	6.293	83.384	0.985
13.6571	2.99905	50.001	50.001	50.003	26.47	0.225	0.01081	15502	5.758	75.896	0.987
13.6482	2.99845	50.004	49.998	50.001	25.09	0.226	0.013611	15502	5.213	73.495	0.989
13.6589	2.99896	49.999	50	50.001	24.21	0.227	0.015121	15502	4.193	75.862	0.989
13.6645	2.99385	49.994	50.001	50.002	24.35	0.241	0.016798	15502	3.698	74.291	0.992
13.7035	3.00509	49.997	50.004	50	24.37	0.229	0.02115	15502	2.91	68.608	0.991
13.6579	3.00264	50.001	49.999	49.999	24.39	0.228	0.013821	15502	4.203	46.606	0.993
13.6694	2.99869	50.001	49.999	50.004	29.22	0.241	0.015355	15502	5.798	36.938	0.994
13.6661	2.99792	50.002	50.001	50	31.97	0.235	0.019333	15502	6.737	38.042	0.996
13.6577	3.00183	50.004	50.002	50	33.03	0.248	0.007432	15502	7.494	30.2	0.995
13.7003	3.00151	50	49.997	50.004	34.23	0.237	0.014035	15502	7.554	30.577	0.995
13.6667	3.00183	49.997	49.999	49.996	34.72	0.249	0.026507	15502	8.038	29.298	0.996
13.6525	3.00258	49.998	50.01	50.011	34.05	0.234	0.019632	15502	8.119	25.597	0.996
13.6863	3.00744	50	49.994	49.994	34.27	0.23	0.01283	15502	7.958	28.883	0.994
13.6575	2.99471	50.002	50.003	49.998	34.12	0.234	0.014253	15502	7.12	30.202	0.994
13.6803	2.99922	50.003	49.998	49.996	31.97	0.237	0.026918	15502	5.314	36.953	0.994
13.6513	3.00003	50.004	49.999	50.001	27.36	0.242	0.017591	15502	1.879	58.83	0.993
13.6814	2.99732	49.995	49.995	49.999	23.89	0.224	0.007664	15502	0.018	63.272	0.992
13.6562	2.99498	50	50	49.996	22.25	0.228	0.014474	15502	-1.136	73.699	0.991
13.6619	2.99693	49.999	50.002	49.999	20.86	0.239	0.009458	15502	-2.047	81.865	0.992
13.6517	3.00217	50.002	49.998	50.002	21.02	0.229	0.017863	15502	-2.158	82.643	0.992
13.6479	2.99633	49.998	50	49.999	20.95	0.226	0.019845	15502	-1.885	81.61	0.993
13.6607	2.99412	50	49.998	50.004	20.96	0.24	0.012969	15502	-1.642	82.856	0.992
13.6762	3.00569	49.999	49.999	50	20.96	0.238	0.008475	15502	-2.037	83.8	0.993
13.6991	3.00388	49.999	49.999	50.003	22.31	0.229	0.02721	15502	-2.361	86.463	0.992
13.6599	2.99648	50.002	50.002	50.001	21.55	0.231	0.030229	15502	-2.098	86.827	0.991
13.6565	2.99574	49.994	50.002	50	20.97	0.228	0.019754	15502	-2.128	86.011	0.993
13.6433	2.99284	50	49.998	49.998	20.92	0.227	0.021946	15502	-2.077	87.403	0.992
13.7067	3.00545	50.001	49.997	49.996	21.71	0.24	0.014341	15502	-0.832	82.559	0.994

13.684	3.00153	49.997	50.002	49.999	23.88	0.227	0.018057	15502	1.798	68.239	0.993
13.6471	2.9965	49.995	49.998	50.002	25.94	0.226	0.006941	15502	3.092	57.583	0.995
13.6636	3.00191	49.996	49.999	50.002	29.07	0.228	0.008739	15502	6.041	39.548	0.995
13.6827	2.99835	50.001	50.001	50.002	32.81	0.232	0.016505	15502	6.646	30.194	0.994
13.6638	3.00248	49.999	49.999	50.002	34.72	0.229	0.052993	15502	8.079	29.776	0.994
13.6579	2.99731	50.002	50.006	50	34.07	0.233	0.03463	15502	7.615	28.103	0.993
13.6811	3.00237	49.999	50.003	50.002	34.04	0.245	0.007831	15502	8.18	26.603	0.993
13.682	3.00713	49.994	49.996	50.001	34.13	0.236	0.014789	15502	7.907	27.271	0.993
13.6717	2.99896	50.002	50.003	50.004	34.07	0.232	0.018621	15502	8.623	27.911	0.992
13.6629	3.00033	50.001	50	50.005	34.03	0.238	0.020686	15502	7.514	29.931	0.99
13.6755	2.99666	50	50	49.999	31.29	0.233	0.022981	15502	6.687	35.426	0.992
13.6836	3.00046	50.001	49.996	49.999	29.45	0.241	0.017021	15502	5.637	44.217	0.99
13.6769	3.00101	50.003	49.992	49.998	28.58	0.235	0.157929	15502	4.647	53.276	0.99
13.6547	2.99678	50	49.998	49.996	27.84	0.23	0.035711	15502	4.476	53.866	0.99
13.6616	3.00152	50.004	49.998	49.999	27.16	0.237	0.026449	15502	3.698	59.238	0.991
13.6577	3.0039	49.998	49.993	50	26.64	0.225	0.084917	15502	3.152	65.18	0.991
13.6609	2.99756	49.997	49.995	50.001	26.47	0.227	0.006644	15502	3.112	63.057	0.99
13.6592	3.00105	50	49.995	50.001	26.27	0.243	0.021332	15502	2.89	67.5	0.99
13.7041	3.00776	50.008	50.002	49.999	25.79	0.232	0.01394	15502	2.364	68.242	0.99
13.6844	3.00027	49.994	50	49.997	25.3	0.233	0.010325	15502	2.101	69.932	0.99
13.665	2.99855	49.999	50.002	49.999	24.99	0.236	0.056353	15502	1.818	70.313	0.989
13.6788	3.00103	50.006	49.998	50	24.36	0.228	0.008495	15502	0.625	73.085	0.989
13.6607	3.00211	49.992	50.004	50.002	23.08	0.226	0.046367	15502	0.443	70.604	0.99
13.6753	3.00522	49.997	50.001	49.998	23.12	0.238	0.017824	15502	2.051	59.08	0.989
13.6637	2.99805	50.003	50	50.003	25.1	0.23	0.03815	15502	5.233	48.875	0.99
13.6717	2.99839	49.997	50.002	50.005	29.22	0.228	0.042383	15502	7.413	42.7	0.992
13.6649	3.00005	50.001	50.008	50.004	33.14	0.23	0.03139	15502	8.664	28.531	0.99
13.6568	3.00081	50	50.001	50.008	34.55	0.231	0.059283	15502	9.309	28.378	0.99
13.6465	2.99328	50.002	49.999	49.997	34.04	0.232	0.022789	15502	9.994	27.332	0.991
13.6721	3.00028	50.002	49.995	49.996	34.76	0.235	0.043039	15502	9.188	31.633	0.99
13.6564	2.99226	49.999	49.999	49.995	34.5	0.232	0.028126	15502	8.956	33.425	0.987
13.6718	3.00474	50.001	49.996	49.997	33.36	0.227	0.010812	15502	9.017	35.128	0.986
13.6517	2.99051	50	49.999	49.999	32.74	0.241	0.020419	15502	9.47	35.669	0.985
13.6651	3.00197	49.999	50	49.994	31.98	0.228	0.043706	15502	8.543	40.595	0.986
13.6594	3.00139	49.997	49.998	50.002	30.77	0.23	0.028561	15502	7.978	43.175	0.985
13.65	2.99806	50.001	49.999	50.003	29.64	0.234	0.053941	15502	7.655	45.713	0.987

13.6772	3.00212	49.997	50.004	50.004	28.53	0.232	0.013824	15502	6.666	50.128	0.986
13.6602	3.00491	49.999	50.002	49.997	27.84	0.226	0.015357	15502	6.051	56.466	0.986
13.6769	2.99961	50.001	50	50.001	26.57	0.241	0.017061	15502	4.627	72.994	0.986
13.6673	3.00395	49.995	50.003	50.002	26.11	0.227	0.011149	15502	4.041	78.658	0.985
13.6513	2.99658	49.999	50.003	50.001	26.19	0.224	0.004857	15502	3.87	80.926	0.985
13.6846	2.99751	50.005	49.999	50	25.84	0.234	0.009174	15502	3.496	82.539	0.986
13.6498	2.99437	50	50.001	49.996	25.69	0.241	0.01155	15502	3.314	84.345	0.986
13.6704	3.00406	49.997	49.999	49.998	25.77	0.229	0.012832	15502	3.294	84.813	0.983
13.657	3.00111	50.002	49.999	50.001	25.73	0.232	0.004933	15502	3.112	85.995	0.985
13.7094	3.00494	50	49.997	50	25.71	0.242	0.010558	15502	3.011	86.959	0.983
13.6577	2.99999	49.998	49.997	49.999	25.79	0.23	0.019939	15502	3.092	87.2	0.985
13.6586	2.99886	50.001	50.004	49.995	25.79	0.228	0.014768	15502	3.556	86.57	0.985
13.6841	3.0051	50.003	49.999	49.997	26.96	0.227	0.016406	15502	4.122	84.152	0.985
13.6433	2.9922	50.003	50.001	50.002	27.42	0.232	0.006307	15502	5.172	79.823	0.986
13.6654	2.99636	49.995	50	49.999	29.91	0.243	0.020248	15502	6.212	71.255	0.987
13.6612	2.99669	50.003	49.999	50.002	30.65	0.23	0.013232	15502	6.717	71.25	0.987
13.6879	3.00181	49.999	50.005	50.001	31.97	0.229	0.02499	15502	8.2	66.767	0.986
13.6898	3.01069	50.003	49.997	50	32.67	0.241	0.009606	15502	8.583	64.808	0.987
13.6832	2.99934	49.997	50.002	50.001	34.31	0.243	0.010672	15502	9.652	59.89	0.985
13.6632	3.00012	49.999	50	50.006	34.79	0.24	0.034265	15502	10.317	59.045	0.985
13.6839	2.99745	49.997	49.999	50.006	34.02	0.232	0.025377	15502	9.994	62.199	0.986
13.6496	3.00049	50.002	49.998	50.001	34.2	0.244	0.016584	15502	8.885	66.974	0.984
13.6374	2.99529	49.999	49.999	49.996	31.36	0.243	0.010838	15502	6.909	74.223	0.985
13.6717	3.0003	50.002	50.005	50	27.84	0.227	0.01204	15502	5.637	79.423	0.984
13.6418	2.99896	49.996	50.002	50	25.86	0.231	0.015159	15502	4.627	83.219	0.984
13.648	2.99907	49.999	50	49.996	24.58	0.225	0.016841	15502	3.839	86.284	0.983
13.6874	3.00135	49.999	50	49.998	23.8	0.241	0.011005	15502	3.223	88.125	0.983
13.6792	2.99956	49.998	50.004	49.996	23.61	0.223	0.023556	15502	2.93	89.908	0.983
13.6654	2.99528	49.999	50.004	50.003	23.03	0.224	0.009055	15502	2.182	91.13	0.983
13.692	3.00366	49.998	50	49.997	22.54	0.239	0.017102	15502	2.273	91.485	0.983
13.6871	3	49.999	50.001	50.002	22.35	0.219	0.021532	15502	2.566	91.646	0.983
13.6667	2.9968	49.998	49.998	50.002	22.43	0.225	0.008277	15502	2.243	91.764	0.981
13.6561	2.99448	50.002	49.996	50	22.35	0.226	0.017717	15502	2.202	92.162	0.982
13.7116	3.00867	50	50	50.001	22.34	0.237	0.019682	15502	1.919	92.248	0.981
13.6721	2.99675	50.002	50.003	49.999	22.26	0.229	0.007566	15502	1.757	92.811	0.983
13.6603	2.99987	50.002	49.999	50.003	22.67	0.225	0.016194	15502	3.516	87.22	0.984

13.6368	2.99583	50.002	50.004	50.002	27.49	0.228	0.010583	15502	6.697	75.141	0.987
13.6952	3.00924	50	50.003	50.003	30.89	0.23	0.019987	15502	9.47	66.178	0.988
13.6837	2.99877	50	50	50	34.14	0.229	0.014803	15502	10.871	61.379	0.989
13.6604	3.00413	50.005	49.999	50.002	34.07	0.229	0.027957	15502	11.586	54.824	0.989
13.6583	2.99571	49.998	50.001	49.997	34.04	0.236	0.01827	15502	12.029	51.35	0.99
13.6311	2.99427	49.997	50.001	50	34.02	0.238	0.023003	15502	13.559	47.618	0.99
13.7012	3.00237	50.002	50.002	49.997	33.92	0.23	0.025555	15502	13.761	38.882	0.987
13.669	3.00255	49.998	50.002	50.001	33.87	0.232	0.0167	15502	14.233	32.834	0.989
13.708	3.00493	49.995	50.003	50.001	33.84	0.232	0.018553	15502	14.244	38.505	0.986
13.6542	3.00332	49.996	49.998	49.997	33.81	0.243	0.035038	15502	13.408	28.921	0.989
13.6603	3.00284	50.005	49.995	49.999	33.98	0.233	0.007923	15502	10.387	34.963	0.99
13.6482	3.00099	50	50.002	49.998	30.6	0.237	0.009976	15502	6.606	63.687	0.989
13.6508	2.99013	49.999	49.995	49.997	26.66	0.23	0.011082	15502	3.92	71.678	0.989
13.678	3.00009	49.996	50.003	49.997	24.36	0.227	0.012312	15502	2.303	74.498	0.989
13.7035	3.0077	49.996	49.997	49.999	22.5	0.222	0.004733	15502	0.746	79.3	0.989
13.6512	3.00192	50	49.996	49.997	21.69	0.241	0.01013	15502	0.149	78.693	0.989
13.6983	3.00407	49.993	49.998	49.997	20.93	0.225	0.011254	15502	-0.417	79.826	0.989
13.7001	3.00325	49.998	49.995	50.001	22.34	0.241	0.007354	15502	-1.055	82.1	0.989
13.6765	2.9975	50.002	50.005	50.013	21.35	0.24	0.040141	15502	-1.834	84.703	0.987
13.6614	2.99735	50.004	50.003	50.003	22.34	0.229	0.009077	15502	-1.753	84.549	0.987
13.6463	2.99719	50.002	50.005	50.009	21.3	0.237	0.011428	15502	-2.098	84.396	0.989
13.6621	3.00007	50.001	50.003	49.996	22.66	0.225	0.012696	15502	-2.31	85.1	0.989
13.6974	3.00409	50.002	49.999	50	22.38	0.23	0.007321	15502	-2.391	86.285	0.989
13.6528	2.99856	50.004	50.001	50.001	22.34	0.24	0.004784	15502	-0.913	85.193	0.99
13.6807	2.99878	50	50.002	50.002	24	0.23	0.01024	15502	2.627	67.556	0.991
13.6521	2.99366	50.001	50	50.001	27.9	0.235	0.019339	15502	4.546	57.499	0.99
13.6836	3.00563	50.003	50.001	49.996	30.65	0.23	0.021485	15502	5.899	51.946	0.992
13.6732	2.99815	50.003	49.996	50	32.04	0.226	0.027051	15502	6.525	45.666	0.992
13.6764	2.99818	50	49.998	49.996	33.27	0.232	0.017677	15502	7.131	45.366	0.993
13.656	2.99494	49.998	50.003	50.001	33.98	0.245	0.033386	15502	7.484	42.454	0.99
13.6657	2.99839	49.997	49.999	49.997	34.13	0.237	0.021817	15502	6.798	39.823	0.99
13.6731	3.00588	50.001	50	50.001	33.39	0.245	0.024238	15502	6.041	44.266	0.992
13.6714	2.99788	50	49.999	50	31.81	0.245	0.015839	15502	4.486	45.071	0.991
13.6651	3.0036	50.001	49.998	49.997	29.9	0.229	0.019943	15502	3.183	48.359	0.991
13.6702	3.00157	50.004	49.997	49.998	25.11	0.228	0.013032	15502	1.474	50.223	0.99
13.7064	3.00644	49.998	50	49.998	22.16	0.221	0.014478	15502	0.584	46.264	0.989

13.6242	2.99284	49.996	50	49.995	20.58	0.226	0.018229	15502	-0.61	64.765	0.987
13.6721	2.99838	49.999	49.995	49.998	20.26	0.237	0.020252	15502	-0.67	69.032	0.989
13.6644	2.99548	49.998	50.006	50	22.35	0.228	0.003053	15502	-1.126	64.618	0.99
13.6403	2.99893	49.999	49.997	50.001	20.93	0.228	0.009802	15502	-0.822	61.799	0.989
13.6639	2.99908	50.001	49.996	50	20.28	0.223	0.010889	15502	-0.569	63.625	0.99
13.6954	3.00344	50.001	50.004	50.006	22	0.222	0.008065	15502	-0.427	64.265	0.987
13.6998	3.0044	49.999	49.999	50.002	22.34	0.231	0.00527	15502	-0.225	66.865	0.986
13.6897	3.00786	50.001	50.002	49.999	20.97	0.236	0.009954	15502	-0.073	69.482	0.987
13.6784	3.00036	50.004	50.004	49.996	20.99	0.234	0.007372	15502	-0.832	76.959	0.986
13.6451	2.99492	49.999	49.999	50.003	20.48	0.222	0.013922	15502	-0.508	77.197	0.987
13.6715	3.00206	49.997	50.002	49.997	21.02	0.224	0.010311	15502	-1.156	85.545	0.989
13.6762	2.99244	50.004	49.997	49.996	22.34	0.224	0.011455	15502	-1.743	92.716	0.989
13.705	3.00507	50.002	50.001	50.008	22.34	0.24	0.012726	15502	-2.229	94.091	0.987
13.6785	2.99989	49.999	50.001	49.997	22.34	0.223	0.014138	15502	-2.148	94.572	0.989
13.6318	2.99519	49.998	49.998	49.998	20.57	0.226	0.003197	15502	-1.551	94.934	0.987
13.6662	2.9965	50.002	49.999	50	22.19	0.227	0.010264	15502	-1.318	95.001	0.989
13.6422	2.98932	49.997	50.002	50.003	22.43	0.239	0.002321	15502	-1.399	95.091	0.989
13.6265	2.99528	50.001	50.005	50.001	22.44	0.233	0.012668	15502	-1.419	94.991	0.986
13.6841	3.00101	50.002	49.996	50	22.34	0.238	0.008278	15502	-1.278	87.419	0.989
13.6693	3.00279	50.01	50.004	50	22.46	0.229	0.003607	15502	-0.69	81.78	0.989
13.6678	2.99934	50.002	50	49.998	22.32	0.239	0.019685	15502	-0.832	80.56	0.989
13.6619	2.99862	50	50.002	50.001	21.65	0.226	0.012864	15502	-0.913	80.376	0.99
13.6732	2.99739	50.003	50.001	49.999	20.9	0.235	0.009528	15502	-1.237	84.282	0.989
13.6384	3.0023	50.004	49.996	49.999	21.39	0.224	0.03059	15502	-1.419	85.159	0.989
13.6395	2.99376	50.002	50.003	49.996	22.34	0.232	0.011759	15502	-1.541	85.622	0.99
13.6663	3.00035	50	49.998	49.999	22.34	0.241	0.022208	15502	-2.229	86.518	0.99
13.6592	3.00261	49.999	49.999	49.998	21.47	0.229	0.014513	15502	-3.262	87.992	0.99
13.6925	3.00048	50.002	49.999	49.996	20.89	0.241	0.016123	15502	-2.756	88.908	0.987
13.6748	2.99722	49.998	49.994	49.997	21.93	0.223	0.017912	15502	-2.229	86.667	0.989
13.659	2.99435	50.003	50.004	49.999	22.34	0.237	0.011705	15502	-1.865	84.215	0.989
13.6666	2.99675	50	49.997	49.998	22.34	0.238	0.013004	15502	-3.08	86.66	0.991
13.6943	3.00172	50.004	49.999	49.995	22.29	0.229	0.014446	15502	-4.823	85.456	0.99
13.6604	2.99551	50	50	49.998	22.72	0.237	0.009441	15502	-5.147	85.882	0.989
13.6655	3.001	50.004	49.997	50.001	22.91	0.231	0.01783	15502	-5.391	85.607	0.99
13.6643	2.99765	50.004	50.004	50.001	22.93	0.231	0.007768	15502	-5.33	83.708	0.987
13.6777	2.99989	49.999	50	49.999	21.16	0.231	0.008629	15502	-4.235	79.065	0.99

13.6748	3.00035	50.001	49.999	50.002	21.69	0.226	0.003317	15502	-2.229	68.628	0.99
13.6584	3.00235	49.997	49.998	49.998	25.09	0.244	0.03078	15502	-1.217	59.876	0.991
13.6784	3.00666	50.002	50.004	50.008	27.13	0.233	0.01341	15502	0.281	55.405	0.99
13.6611	2.99258	49.996	50.006	50.004	31.24	0.229	0.043053	15502	2.425	52.773	0.992
13.6539	2.99289	50.005	50.002	50.003	32.83	0.242	0.028135	15502	2.344	55.353	0.992
13.6531	3.00157	49.996	50	49.999	31.3	0.237	0.031256	15502	2.546	57.241	0.989
13.6742	3.00238	50	49.999	50.004	30.6	0.228	0.039354	15502	2.718	61.253	0.986
13.6791	2.99763	49.998	49.997	49.998	29.32	0.229	0.04372	15502	3.476	58.609	0.986
13.628	2.98708	50.001	50.002	49.994	27.25	0.236	0.028571	15502	2.384	65.895	0.986
13.7001	3.0055	50.003	49.998	49.998	25.1	0.24	0.031741	15502	1.909	68.885	0.983
13.6703	2.99704	50.002	50.001	49.998	24.22	0.23	0.020742	15502	1.687	73.05	0.983
13.6946	2.99985	49.999	50.004	50.001	22.62	0.223	0.015362	15502	1.151	73.637	0.98
13.662	2.99264	50	49.996	49.998	21.73	0.226	0.017067	15502	1.242	74.67	0.98
13.6387	2.99069	50.001	49.999	50	21.66	0.238	0.011153	15502	1.029	77.797	0.977
13.6864	3.00503	50	50.002	50.005	21.82	0.22	0.01239	15502	1.252	80.952	0.977
13.6996	3.00728	50.002	50.004	50.004	22.1	0.233	0.0156	15502	1.08	89.17	0.976
13.6726	2.99548	50.001	49.995	50.005	22.07	0.229	0.017331	15502	1.454	90.438	0.977
13.6544	2.99596	50.003	50	49.998	22.63	0.235	0.00755	15502	1.636	91.886	0.975
13.7012	3.00815	50.001	50	49.998	23.1	0.234	0.009507	15502	1.909	93.172	0.977
13.6805	3.01008	50.003	50	50.001	24.39	0.225	0.010561	15502	1.869	93.703	0.975
13.6656	2.99522	49.998	50.002	49.997	23.78	0.227	0.007822	15502	1.11	94.262	0.975
13.6749	3.00116	50.004	49.997	49.998	23.01	0.227	0.014773	15502	1.11	94.692	0.976
13.6711	2.9965	50.001	50.002	50.002	22.8	0.22	0.010941	15502	1.363	95.153	0.979
13.6701	2.99559	50	50	49.997	22.3	0.225	0.013775	15502	1.929	93.46	0.978
13.6814	3.00133	49.999	49.997	49.999	21.92	0.224	0.026016	15502	1.838	89.684	0.98
13.6831	3.01198	49.999	50.006	50.002	23.03	0.222	0.005883	15502	2.283	87.712	0.98
13.6812	3.00004	50.006	49.999	50.001	23.21	0.227	0.004357	15502	2.384	87.781	0.982
13.6213	2.99062	50.004	50.001	50.003	23.72	0.222	0.023781	15502	3.193	88.03	0.982
13.6829	3.0022	49.998	49.999	49.999	24.7	0.239	0.017613	15502	3.738	87.188	0.982
13.666	3.00495	50.001	49.999	50.001	25.12	0.228	0.002655	15502	3.961	86.516	0.983
13.6744	3.00161	50.003	50.003	49.999	25.28	0.225	0.014492	15502	4.324	86.118	0.982
13.6667	2.99084	49.999	50	49.995	25.78	0.237	0.00947	15502	4.415	85.783	0.983
13.7008	3.00678	50.002	50.002	49.998	25.27	0.239	0.007014	15502	4.324	84.793	0.983
13.6749	2.99784	50	49.999	49.998	25.6	0.237	0.013247	15502	4.617	84.091	0.983
13.6533	2.99631	50.002	50.004	49.999	25.76	0.223	0.008657	15502	4.405	85.399	0.982
13.6858	3.00285	49.995	50.001	50.003	25.5	0.24	0.009617	15502	4.223	85.78	0.982

13.6688	3.00299	50.003	50.002	50.001	25.14	0.231	0.007123	15502	3.819	87.581	0.983
13.7003	3.01316	50.003	49.996	50.003	24.92	0.236	0.022868	15502	3.9	85.275	0.983
13.7435	3.02595	49.998	50.002	50.002	23.76	0.226	0.009963	15502	3.567	79.747	0.984
13.6669	2.99626	50.002	50.002	49.999	23.41	0.233	0.002253	15502	2.445	84.067	0.982
13.6847	2.99825	50.001	50.002	50.001	23.49	0.234	0.007233	15502	1.939	79.403	0.982
13.6339	2.98712	49.994	50	50.001	23.22	0.224	0.026318	15502	1.373	77.353	0.983
13.6929	3.00398	49.999	50.002	50.001	23.04	0.225	0.010117	15502	0.847	79.74	0.981
13.6633	2.99624	49.996	50	50	22.34	0.229	0.006611	15502	0.109	82.716	0.981
13.6759	2.99963	50.007	49.999	49.998	21.81	0.226	0.007345	15502	-0.245	84.746	0.98
13.6986	3.00595	50.005	49.997	50.001	21.69	0.228	0.013872	15502	-0.539	85.504	0.981
13.6659	2.99749	50	50	50.002	20.97	0.229	0.006043	15502	-0.913	85.887	0.981
13.6714	2.9987	50.007	49.998	49.998	20.97	0.228	0.011414	15502	-0.458	84.118	0.981
13.6533	2.9952	49.998	49.999	50.007	25.79	0.226	0.021556	15502	1.939	72.798	0.982
13.6436	2.99235	50.002	49.994	49.999	29.83	0.233	0.014086	15502	2.788	66.182	0.984
13.6645	3.00134	50.002	50.003	50.003	30.74	0.244	0.010433	15502	5.273	57.556	0.984
13.6924	3.00231	49.996	49.998	49.996	31.97	0.232	0.01159	15502	4.748	58.7	0.983
13.6854	3.00917	49.999	50	50.002	32.12	0.234	0.037212	15502	5.193	54.852	0.982
13.6939	3.00329	50.002	50.004	50	31.91	0.233	0.008414	15502	4.829	54.827	0.983
13.6618	2.99294	50.003	50.004	49.998	30.6	0.224	0.030618	15502	5.425	51.907	0.982
13.6568	2.99826	50	50	50.003	32.26	0.229	0.020009	15502	6.465	47.633	0.984
13.679	2.99938	49.999	49.998	49.996	32.77	0.226	0.004524	15502	5.374	51.183	0.984
13.6585	3.00067	50	50.001	49.999	32.01	0.227	0.024695	15502	5.172	53.264	0.984
13.6702	2.9963	49.999	50	49.997	29.22	0.224	0.003723	15502	2.748	60.203	0.983
13.6383	2.99194	50.001	50.001	50.001	24.73	0.227	0.007031	15502	1.323	63.691	0.983
13.6747	3.00065	50	49.997	49.997	23.07	0.236	0.038374	15502	0.635	69.825	0.983
13.6766	2.99979	49.997	50.005	50.002	23.27	0.224	0.014751	15502	0.625	70.818	0.982
13.6951	3.00393	50.002	50.002	50.001	23.03	0.239	0.010925	15502	-0.407	72.545	0.983
13.6813	3.00221	49.997	50	49.998	21.82	0.227	0.012137	15502	-0.711	75.038	0.982
13.6517	3.00012	50.002	50.006	49.998	20.97	0.232	0.013484	15502	-0.488	59.14	0.984
13.6436	2.9996	49.995	50.007	50	21.66	0.23	0.009986	15502	-0.64	59.558	0.984
13.678	3.00023	50.002	49.999	50	22.19	0.222	0.01886	15502	-1.146	60.763	0.983
13.6522	2.99714	50.003	50.003	50.011	21.5	0.224	0.012325	15502	-1.743	63.443	0.983
13.6534	3.00059	50.003	50.002	49.999	22.71	0.229	0.013693	15502	-3.06	68.569	0.984
13.6777	3.00477	49.996	50.001	49.999	22.3	0.237	0.015212	15502	-3.931	70.262	0.985
13.6855	3.00218	49.998	50.001	49.995	22.41	0.229	0.016899	15502	-4.823	64.578	0.985
13.6682	2.99582	49.998	49.999	49.998	22.75	0.231	0.012516	15502	-4.012	63.886	0.986

13.6735	3.00504	50	49.996	49.996	21.91	0.234	0.023638	15502	-2.837	55.296	0.986
13.6581	2.99414	50.001	49.999	49.999	24.23	0.242	0.015447	15502	-2.452	42.286	0.987
13.6447	2.99047	50.003	50.005	49.999	25.09	0.232	0.010095	15502	-1.237	38.119	0.989
13.6365	2.99808	49.995	50.005	49.998	26.24	0.232	0.007476	15502	-0.832	38.195	0.989
13.6755	3.00101	49.996	50	49.999	27.12	0.225	0.024004	15502	-0.529	38.828	0.986
13.6454	2.99618	50.001	49.998	49.999	28.42	0.233	0.026667	15502	0.635	41.314	0.989
13.7096	3.00715	49.999	49.996	49.998	29.9	0.238	0.01975	15502	0.544	36.717	0.986
13.6634	2.99945	50.004	49.997	49.997	31.22	0.236	0.011388	15502	1.211	35.466	0.989
13.6259	2.99438	49.992	50	50.001	31.43	0.228	0.014339	15502	1.313	38.458	0.989
13.6601	3.00259	50.004	50.003	49.998	30.69	0.227	0.015929	15502	0.787	39.099	0.989
13.6569	3.0007	50	50	50	27.86	0.234	0.006123	15502	-0.974	43.257	0.989
13.631	2.9963	49.999	50	50	22.34	0.236	0.01966	15502	-2.624	49.449	0.987
13.6531	2.99868	50.005	50.006	49.999	21.73	0.238	0.012848	15502	-2.918	57.163	0.987
13.6908	3.00957	49.994	49.999	49.995	22.52	0.239	0.014273	15502	-4.296	66.67	0.989
13.6812	3.00067	49.996	49.997	49.994	22.44	0.228	0.006218	15502	-5.147	69.649	0.987
13.6744	2.99743	50.001	49.996	49.998	22.34	0.227	0.011744	15502	-6.07	75.339	0.989
13.6738	2.99981	50.001	50.001	49.997	22.42	0.227	0.013047	15502	-6.831	79.482	0.99
13.6524	3.00069	50	49.994	50.005	22.34	0.232	0.005684	15502	-7.521	83.783	0.99
13.6818	3.00228	49.995	50.003	49.999	23.02	0.233	0.010735	15502	-8.008	85.846	0.99
13.6838	3.00276	50	49.998	50.006	22.44	0.233	0.020274	15502	-8.475	86.425	0.99
13.6808	3.00395	49.998	49.997	49.997	23.01	0.23	0.004584	15502	-8.789	88.066	0.991
13.6453	3.00225	50.008	49.999	50.001	23.03	0.236	0.016681	15502	-9.185	89.335	0.99
13.661	2.99537	50.005	50.004	50.006	22.87	0.236	0.018532	15502	-9.002	88.309	0.991
13.6826	3.00104	49.999	49.997	49.996	22.29	0.227	0.020588	15502	-4.701	73.489	0.992
13.6708	3.00385	49.998	50	50	24.4	0.24	0.008969	15502	-1.308	58.451	0.993
13.6413	2.99853	49.997	50	50	28.53	0.236	0.016939	15502	0.402	48.736	0.995
13.7043	3.00674	49.997	49.997	49.998	30.69	0.233	0.01107	15502	0.787	36.774	0.994
13.6478	3.00049	49.996	50	49.994	31.61	0.237	0.020906	15502	2.425	35.685	0.995
13.6409	2.98938	50.003	50	50.001	32.13	0.23	0.013662	15502	3.9	30.826	0.995
13.6668	2.99568	50	50.004	50.002	34.01	0.239	0.043864	15502	4.344	34.244	0.994
13.6999	3.00737	50.001	49.997	50.002	34.53	0.229	0.028665	15502	4.991	28.567	0.993
13.6943	3.0029	49.997	49.999	49.997	34.04	0.248	0.011019	15502	5.172	25.958	0.992
13.674	2.99778	50	49.994	49.994	33.98	0.242	0.035378	15502	5.223	27.704	0.993
13.6602	2.99415	49.999	50.002	50	34.45	0.235	0.02312	15502	4.799	27.534	0.994
13.668	3.00298	49.999	49.998	49.998	32.71	0.238	0.010072	15502	3.405	34.217	0.992
13.6566	2.99996	50.005	50.002	49.999	26.47	0.243	0.01119	15502	0.685	45.304	0.991

13.6842	3.00236	50.003	49.993	49.997	23.03	0.226	0.007313	15502	-1.045	54.406	0.991
13.6859	3.00406	50	50.007	50.001	20.9	0.226	0.008124	15502	-2.29	61.412	0.99
13.6813	3.00055	50.002	49.993	49.995	22.43	0.222	0.015343	15502	-2.472	59.666	0.99
13.6504	2.99501	50.003	50.007	50.01	22.2	0.231	0.028976	15502	-2.766	66.103	0.99
13.7165	3.00821	50.006	49.998	50.003	22.35	0.224	0.054724	15502	-1.642	66.652	0.99
13.6355	2.99604	50.001	50.003	49.995	21.29	0.223	0.021036	15502	-1.966	60.353	0.989
13.6615	3.00485	50.002	49.998	50.001	22.54	0.231	0.039729	15502	-0.893	59.599	0.989
13.655	2.99394	50	49.997	50.002	22.33	0.229	0.050022	15502	-0.994	64.323	0.986
13.6652	3.0044	50.003	50.002	50.009	21.66	0.226	0.032689	15502	-1.095	68.745	0.986
13.659	2.99798	50.003	49.995	49.993	22.23	0.222	0.061737	15502	-1.095	67.922	0.984
13.6709	3.00061	49.998	49.998	50.004	22.48	0.225	0.068586	15502	-1.257	69.76	0.986
13.6742	2.99805	49.998	50.002	50.002	20.43	0.234	0.02988	15502	-0.134	67.065	0.983
13.665	2.99653	50.004	50.005	50.001	21.99	0.219	0.095935	15502	1.484	61.126	0.984
13.6562	3.00159	49.999	49.997	50	22.32	0.224	0.012761	15502	1.717	64.73	0.982
13.7061	3.00552	49.998	49.998	49.998	21.01	0.221	0.016067	15502	1.131	76.91	0.978
13.6693	3.00384	50.001	49.999	49.998	20.97	0.225	0.030343	15502	1.131	76.137	0.981
13.6612	2.99492	49.996	50.008	50.006	20.97	0.224	0.057306	15502	1.818	73.875	0.978
13.6709	3.00405	50.001	50.002	49.999	22.34	0.233	0.008639	15502	3.657	67.379	0.978
13.6373	2.99383	49.999	50	50.007	27.43	0.234	0.016315	15502	7.363	60.655	0.979
13.6617	3.00104	50.001	49.999	50.005	31.36	0.236	0.020542	15502	9.329	54.82	0.977
13.6828	3.00109	50	49.999	49.997	31.79	0.225	0.007897	15502	9.117	55.97	0.978
13.6624	2.99852	50.01	49.995	49.998	30.52	0.224	0.028733	15502	9.531	60.815	0.976
13.6882	3.00157	50.004	49.999	50.006	29.9	0.228	0.018777	15502	9.642	69.383	0.977
13.6984	3.00397	50.002	49.999	50.006	28.9	0.23	0.013907	15502	8.24	69.171	0.979
13.7098	3.00792	50.007	50	49.996	27.15	0.233	0.005346	15502	6.364	70.266	0.98
13.6606	3.00109	49.998	49.999	50.002	25.79	0.226	0.006731	15502	4.445	76.606	0.981
13.6735	3.00014	49.997	50.001	49.995	24.42	0.239	0.007478	15502	3.466	79.937	0.979
13.6608	3.00058	50	49.995	50	23.72	0.227	0.005538	15502	3.152	77.932	0.981
13.677	3.00165	50	49.994	50.003	23.03	0.226	0.006153	15502	2.02	78.853	0.982
13.6703	3.0072	49.999	49.996	50	22.44	0.226	0.013169	15502	3.031	73.175	0.981
13.6595	3.0023	50.003	49.998	50.001	22.03	0.228	0.01463	15502	2.041	76.698	0.981
13.667	2.99633	49.999	50.001	50.001	21.07	0.221	0.016253	15502	1.515	78.526	0.982
13.6817	3.00274	50.003	49.998	49.998	20.77	0.219	0.012038	15502	1.484	79.347	0.981
13.6819	3.00092	49.998	49.996	50.003	20.37	0.219	0.007866	15502	1.07	80.304	0.983
13.6622	2.99979	50	50.001	50.001	20.28	0.221	0.016837	15502	0.605	81.721	0.983
13.7084	3.00475	49.998	49.999	50.002	21.68	0.235	0.018705	15502	2.415	77.743	0.985

13.6898	3.00234	50.003	50.001	50.007	27.77	0.235	0.020781	15502	6.222	67.454	0.986
13.6926	3.00214	49.995	49.995	49.99	29.87	0.229	0.128545	15502	8.825	59.326	0.986
13.6642	2.99503	50	49.999	50.003	34.03	0.229	0.017098	15502	11.465	46.471	0.987
13.7071	3.01232	50.002	50.003	50.005	34.08	0.233	0.011174	15502	13.187	37.036	0.986
13.6526	2.99144	50.003	49.997	50.001	34.03	0.23	0.040658	15502	15.732	34.331	0.985
13.6577	2.99991	49.999	50.001	49.996	34.05	0.24	0.015629	15502	16.386	29.375	0.982
13.6657	2.99555	50.009	49.999	50	33.99	0.223	0.010214	15502	16.918	28.302	0.982
13.6686	3.00285	50.001	50.004	50.001	33.85	0.232	0.006675	15502	18.084	27.058	0.982
13.6787	2.99907	50.001	49.997	49.997	34.03	0.238	0.021429	15502	16.908	31.36	0.982
13.6924	3.0041	50.002	50.007	50.002	34.04	0.232	0.014004	15502	16.597	33.358	0.98
13.6819	2.99992	50.006	50.001	50.005	34.53	0.237	0.026448	15502	14.435	40.664	0.98
13.6846	3.00045	49.999	50	50	34.19	0.234	0.029382	15502	14.837	37.938	0.98
13.6485	2.99121	50	50.005	50	34.04	0.227	0.021761	15502	14.254	39.462	0.98
13.6836	2.99967	50.001	50.001	49.998	32.69	0.236	0.008365	15502	13.257	41.48	0.979
13.6457	2.99602	50.007	49.998	50.005	31.89	0.22	0.015799	15502	12.351	44.748	0.978
13.6905	2.99928	49.997	49.996	49.999	30.67	0.227	0.011701	15502	11.072	49.409	0.975
13.6904	3.00728	50	49.997	49.998	29.89	0.227	0.022098	15502	10.548	50.562	0.975
13.6442	2.99838	49.999	50	50.002	29.66	0.223	0.027823	15502	11.556	47.61	0.975
13.7247	3.00809	50.002	50.004	50	29.27	0.225	0.018182	15502	11.072	50.454	0.974
13.6418	2.99327	50.003	49.999	50.001	28.58	0.236	0.0202	15502	9.853	56.318	0.976
13.6707	3.00316	50	50.005	50.003	27.32	0.226	0.01496	15502	6.565	69.597	0.974
13.6784	3.00559	50	49.997	49.998	25.82	0.222	0.01662	15502	5.465	73.137	0.975
13.6676	2.99679	50.004	49.998	49.998	25.09	0.22	0.012309	15502	4.304	81.049	0.978
13.6613	2.99462	49.999	50.003	50.003	25.86	0.224	0.008044	15502	6.263	75.001	0.978
13.6344	2.98926	49.999	50.005	49.997	31.43	0.235	0.008937	15502	7.998	71.552	0.98
13.6283	3.00163	50.003	50.002	49.997	34.04	0.234	0.009928	15502	9.914	65.486	0.981
13.6806	3.00314	49.997	50.002	49.998	34.04	0.234	0.0125	15502	12.13	58.835	0.981
13.6661	2.99516	50.002	50.002	49.998	34.06	0.236	0.023607	15502	13.932	49.229	0.981
13.6647	2.99557	49.997	49.999	49.998	34.03	0.237	0.017484	15502	13.751	47.167	0.983
13.6984	3.00285	49.997	49.999	50.001	34.03	0.232	0.033021	15502	15.149	47.913	0.983
13.6847	3.00119	50.005	50.002	49.997	34.02	0.229	0.012694	15502	15.219	44.226	0.981
13.6489	3.00062	50.002	49.994	49.996	33.52	0.229	0.027169	15502	16.396	38.431	0.982
13.6724	3.00379	50.006	49.999	49.999	33.55	0.228	0.017755	15502	16.406	37.43	0.983
13.665	3.00483	50.002	49.997	50.004	33.64	0.226	0.011603	15502	16.898	36.473	0.981
13.6683	2.99359	49.999	50.009	50.001	34.03	0.226	0.063329	15502	14.324	46.671	0.981
13.69	3.00672	50.001	49.997	49.995	33.27	0.225	0.046903	15502	8.714	67.81	0.982

13.6627	2.99627	50.003	50.001	50	30.61	0.239	0.052107	15502	6.898	79.171	0.981
13.6202	2.987	49.992	49.996	49.995	28.65	0.23	0.02003	15502	5.294	81.135	0.979
13.665	3.00213	49.999	50	49.997	27.25	0.228	0.01309	15502	4.183	85.367	0.983
13.6712	3.0048	50	49.998	50.005	26.41	0.232	0.009695	15502	3.334	89.078	0.982
13.655	2.99485	49.996	49.999	49.998	25.34	0.231	0.01077	15502	2.748	91.116	0.98
13.6834	3.00691	49.998	50	49.995	24.75	0.229	0.007977	15502	2.172	91.331	0.98
13.6619	2.99068	49.999	49.999	49.996	24.38	0.224	0.015065	15502	1.656	92.15	0.981
13.645	2.99592	50.001	50.002	50.001	23.72	0.236	0.009845	15502	1.222	92.462	0.98
13.6702	2.99512	49.997	49.999	50.002	23.3	0.236	0.006434	15502	0.787	92.824	0.981
13.6514	2.99359	50.002	50	49.997	23.03	0.237	0.01377	15502	0.321	93.331	0.982
13.6599	2.99738	49.999	50.004	50	22.99	0.231	0.008999	15502	0.422	93.754	0.982
13.637	2.99781	50.005	50.004	50.006	24.41	0.228	0.016995	15502	6.525	77.103	0.983
13.639	2.99341	50	49.997	50.001	31.25	0.229	0.054566	15502	11.153	59.208	0.984
13.7021	3.00706	49.997	50.003	50.002	33.99	0.229	0.023772	15502	15.531	46.886	0.984
13.65	2.9988	49.998	49.999	50.001	34.03	0.243	0.015535	15502	18.446	38.51	0.983
13.6429	2.9964	50.004	49.998	50.002	30.6	0.228	0	15502	20.694	32.454	0.982
13.6217	2.99577	50.004	50.007	50.004	33.37	0.238	0.09175	15502	22.229	27.236	0.983
13.6984	3.00084	49.992	50	49.999	33.64	0.225	0.03527	15502	23.372	27.609	0.981
13.6498	2.99841	50.001	49.999	50.002	33.57	0.239	0.039183	15502	23.924	25.857	0.981
13.66	3.0013	50.001	50.003	50.002	33.58	0.227	0.04353	15502	24.585	26.122	0.981
13.6688	3.00743	49.998	49.999	50	33.52	0.238	0.08221	15502	23.994	24.994	0.98
13.6895	3.00232	50	49.999	50.002	33.6	0.228	0.091331	15502	22.971	28.575	0.979
13.6689	2.99864	50.001	49.998	50.002	33.54	0.238	0.035108	15502	20.905	33.477	0.979
13.7004	3.00777	50.005	50.003	50.002	34.06	0.228	0.066306	15502	18.415	39.941	0.98
13.6575	2.99977	50.001	49.999	49.999	34.32	0.223	0.04333	15502	17.16	43.093	0.978
13.6773	2.99871	50.001	50	49.998	34.59	0.223	0.028316	15502	16.345	45.068	0.98
13.6693	2.99767	49.997	50.001	49.999	34.03	0.222	0.035652	15502	15.712	47.637	0.978
13.6669	3.00325	49.999	49.998	49.999	33.4	0.235	0.067332	15502	15.109	50.257	0.975
13.6756	2.99572	49.999	50.001	49.998	32.89	0.223	0.017255	15502	14.555	49.59	0.976
13.6931	3.00025	49.999	50	49.999	32.65	0.234	0.032589	15502	14.545	46.859	0.975
13.6822	2.99925	50.003	49.998	49.998	32.68	0.226	0.024136	15502	13.62	50.182	0.976
13.6535	2.99898	48.178	49.94	49.979	26.18	0.239	0.265712	15502	6.182	42.113	0.992
13.6649	3.00009	49.998	49.999	49.999	31.28	0.232	0.060084	15502	8.018	35.855	0.993
13.6437	2.99273	50.001	49.998	50.001	33.36	0.232	0.023097	15502	9.843	31.624	0.993
13.6827	2.99988	50.002	49.998	49.998	34.07	0.233	0.025659	15502	11.364	30.535	0.992

13.6592	2.99984	50.002	49.999	49.997	34.96	0.239	0.016768	15502	13.378	26.554	0.99
13.6837	3.00187	50.001	49.993	50.005	34.08	0.232	0.021112	15502	14.223	27.807	0.99
13.6695	2.99334	50.001	49.998	50.004	33.95	0.225	0.023454	15502	14.656	26.653	0.987
13.65	2.99165	50.003	50.002	49.999	33.92	0.236	0.026057	15502	15.511	23.605	0.989
13.6702	3.00274	49.997	50.004	49.998	34.03	0.232	0.011352	15502	15.38	23.24	0.986
13.676	2.99619	50.003	49.999	49.996	34.06	0.233	0.021439	15502	13.771	27.318	0.986
13.6483	3.00022	49.997	50	49.996	32.64	0.227	0.004848	15502	8.664	50.492	0.986
13.6602	2.9959	49.997	49.999	50.002	29.68	0.227	0.010376	15502	5.849	70.271	0.988
13.6853	3.00379	50.003	50.001	50.001	27.96	0.23	0.033315	15502	8.724	53.602	0.985
13.6403	2.99193	50	50.003	49.999	27.84	0.222	0.012807	15502	8.775	50.021	0.986
13.6487	3.00161	50	50	49.998	27.67	0.225	0.014227	15502	8.805	48.739	0.986
13.6612	3.0024	49.996	50	49.999	27.37	0.221	0.017913	15502	8.522	49.314	0.985
13.661	2.99982	49.995	50.001	50.003	26.83	0.233	0.019901	15502	7.302	53.871	0.985
13.6692	3.00429	49.998	50.002	49.998	26.47	0.236	0.022108	15502	6.343	56.801	0.985
13.6605	3.00629	50.004	50.001	50.002	25.71	0.223	0.014448	15502	5.546	59.482	0.986
13.6368	2.99395	50.003	50	49.998	25.09	0.224	0.0107	15502	5.001	59.308	0.986
13.6837	3.00251	49.996	49.995	50.002	24.6	0.228	0.034355	15502	3.324	69.131	0.985
13.6748	3.00303	50.002	50.004	50.004	24.45	0.224	0.013206	15502	4.466	65.034	0.985
13.6744	2.99832	50.003	49.999	50	25.97	0.226	0.016628	15502	6.232	60.16	0.983
13.6827	3.00647	50.001	50.002	49.999	28.53	0.239	0.010866	15502	9.037	48.122	0.985
13.6521	2.99496	50	49.999	50.001	33.85	0.228	0.020522	15502	12.231	36.475	0.987
13.6623	2.99498	49.997	50.003	49.998	34.03	0.228	0.074673	15502	15.149	28.298	0.987
13.6544	2.99716	50	49.989	50.002	34.02	0.243	0.028705	15502	16.979	24.422	0.983
13.6776	3.00694	50.005	50	50.001	34	0.238	0.031889	15502	17.401	23.379	0.984
13.6828	2.99791	50.001	50.002	49.999	33.92	0.228	0.023618	15502	17.783	18.44	0.983
13.7069	3.0072	49.999	50	49.999	33.8	0.228	0.026238	15502	18.506	19.252	0.983
13.6648	2.99585	50.001	50.004	50	33.56	0.235	0.017147	15502	19.51	17.62	0.981
13.6847	3.00907	50.003	49.998	49.996	33.72	0.229	0.019049	15502	19.369	17.612	0.983
13.6857	2.99978	50	49.999	50.002	33.6	0.239	0.021162	15502	19.008	18.107	0.983
13.6831	3.0054	49.998	49.997	49.995	33.83	0.229	0.02351	15502	17.642	19.929	0.982
13.6674	2.9994	50.002	49.995	49.991	34.39	0.227	0.075482	15502	14.907	31.22	0.981
13.6701	3.00152	49.997	49.997	49.999	33.09	0.229	0.019344	15502	11.606	41.906	0.983
13.6284	2.99172	50.004	49.999	49.998	31.55	0.24	0.036533	15502	11.254	41.253	0.984
13.6621	3.00251	50.005	49.999	50.002	30.6	0.237	0.023874	15502	9.924	47.897	0.983
13.659	3.00118	49.999	49.998	49.999	29.34	0.221	0.030059	15502	9.521	51.066	0.982
13.6481	2.99097	50.001	50.002	50.001	28.53	0.236	0.019644	15502	8.301	54.934	0.982

13.6705	3.00115	49.997	49.998	49.997	27.84	0.229	0.024733	15502	8.119	57.917	0.981
13.6736	2.99728	49.997	49.996	49.999	27.4	0.235	0.027477	15502	7.695	59.945	0.981
13.6717	3.00729	50	50.005	50.001	28.52	0.229	0.030525	15502	8.654	61.972	0.982
13.6999	3.00682	50.002	49.997	50.001	29.49	0.224	0.022608	15502	10.669	57.235	0.981
13.6837	2.99996	50.003	50.001	50.005	30.49	0.229	0.008691	15502	10.498	59.479	0.981
13.6734	3.00564	50.003	49.997	49.999	30.71	0.23	0.080637	15502	10.387	61.696	0.983
13.6902	3.00731	49.997	50.006	49.999	31.46	0.236	0.052696	15502	11.193	60.082	0.982
13.6714	3.00179	49.998	50.005	50.004	33.35	0.226	0.039028	15502	12.553	56.875	0.984
13.6601	2.99859	50	49.999	49.999	34.04	0.227	0.025505	15502	13.237	52.983	0.984
13.6609	2.99807	49.996	50.003	50	34.01	0.228	0.006536	15502	13.771	54.484	0.984
13.6569	2.99581	50.002	49.999	50.002	33.94	0.23	0.007261	15502	14.525	52.186	0.984
13.6568	2.99766	49.999	50.001	50.001	33.81	0.233	0.023313	15502	16.175	51.022	0.982
13.7032	3.0099	49.998	49.996	50.003	33.68	0.242	0.0259	15502	16.114	51.604	0.981
13.6597	2.99616	50.002	49.997	49.997	33.67	0.234	0.028773	15502	17.863	49.242	0.982
13.6867	3.00205	50.002	50.001	49.998	33.8	0.229	0.036227	15502	18.435	47.824	0.98
13.6604	2.99703	49.999	49.997	50.002	34.03	0.243	0.023674	15502	17.29	49.641	0.981
13.6848	3.00514	50.002	50.002	50.004	33.96	0.229	0.026301	15502	16.697	53.197	0.981
13.6623	2.99282	49.997	50.003	50.001	34.03	0.24	0.011458	15502	15.903	56.786	0.981
13.6913	3.00063	49.999	50.001	50.002	34.09	0.237	0.02164	15502	15.129	61.009	0.981
13.6748	2.99787	50.001	50.002	49.997	34.37	0.237	0.014142	15502	12.623	61.237	0.983
13.6418	2.99866	49.997	49.998	50.002	32.7	0.235	0.010474	15502	10.982	66.061	0.982
13.6752	3.00483	50.001	50	50.001	30.66	0.225	0.006845	15502	8.351	70.836	0.984
13.6529	2.9974	50.001	49.997	49.994	27.85	0.229	0.037358	15502	6.232	84.524	0.982
13.6745	2.99633	50.002	50.001	50	26.59	0.229	0.008448	15502	6.061	85.442	0.981
13.6527	2.99219	50.001	50.001	49.999	26.47	0.24	0.010636	15502	6.02	85.477	0.981
13.6932	3.01022	50.001	50.002	50	26.6	0.228	0.011816	15502	5.617	86.438	0.983
13.681	3.00041	50.002	49.996	49.998	26.47	0.24	0.004542	15502	5.162	86.549	0.983
13.6515	2.99197	50	50.002	50.002	26.35	0.237	0.005719	15502	5.395	86.718	0.981
13.6784	2.99915	49.998	50.005	50.002	26.07	0.225	0.010801	15502	5.374	89.693	0.982
13.6834	3.00349	49.999	50.008	49.998	26.25	0.227	0.011999	15502	5.546	92.616	0.983
13.6574	2.99196	50	49.999	49.998	26.46	0.239	0.008887	15502	5.677	93.438	0.984
13.6708	2.9949	50.003	49.999	50	26.47	0.225	0.009873	15502	5.728	91.45	0.984
13.6843	2.99976	50.004	50.004	49.999	27.46	0.232	0.018646	15502	6.666	85.224	0.983
13.6794	3.00579	50.001	50.001	50.004	29.18	0.24	0.020714	15502	7.716	82.781	0.984
13.642	2.99293	50	50.001	50.004	31.25	0.238	0.026081	15502	9.087	79.533	0.985
13.6866	3.00396	49.999	50	50.002	32.66	0.23	0.017044	15502	10.327	74.669	0.983

13.6642	2.99714	50	50.004	49.998	34.05	0.23	0.021459	15502	9.198	77.827	0.985
13.6802	3.00719	49.999	49.997	50.003	33.96	0.239	0.014023	15502	9.631	78.016	0.984
13.6799	2.99988	50.005	49.998	50	33.85	0.23	0.009164	15502	9.964	77.892	0.983
13.6555	2.99845	50.002	49.998	49.996	32.8	0.227	0.011538	15502	9.51	80.629	0.983
13.7033	3.00705	50.005	50.003	49.997	31.26	0.238	0.012818	15502	8.775	85.574	0.983
13.6735	3.00115	49.999	50	49.995	29.31	0.237	0.024209	15502	8.109	89.66	0.982
13.6658	2.99555	50.003	49.998	50.005	28.53	0.233	0.010547	15502	7.595	92.96	0.981
13.6598	3.00209	49.999	50.003	49.999	27.89	0.226	0.006892	15502	7.635	93.537	0.981
13.6957	3.00147	49.998	49.999	49.997	27.87	0.23	0.025079	15502	8.149	94.197	0.981
13.6778	3.006	50.009	50.002	50.002	28.65	0.24	0.009641	15502	9.006	92.064	0.981
13.6629	3.0047	50.004	49.998	49.996	29.36	0.227	0.0063	15502	8.986	92.018	0.982
13.6734	3.00568	50.002	50.002	49.996	30	0.229	0.013485	15502	9.037	92.5	0.981
13.6825	3.0077	50	49.999	50	29.93	0.229	0.008812	15502	8.744	92.209	0.979
13.6585	3.00242	50.001	50	49.996	29.91	0.227	0.00979	15502	8.311	94.033	0.98
13.6833	3.00128	49.995	50.003	50.002	30.04	0.238	0.01849	15502	8.543	94.013	0.979
13.6578	2.99618	49.997	50	50.001	29.21	0.223	0.039575	15502	9.158	95.013	0.975
13.6867	3.00861	50	49.996	49.999	28.54	0.233	0.015213	15502	8.048	93.896	0.978
13.695	3.00125	50.001	50.002	49.998	28.51	0.241	0.011267	15502	8.109	95.237	0.979
13.6675	2.99388	50.001	50.001	50.001	29.31	0.239	0.021279	15502	8.331	95.606	0.98
13.6749	3.00533	49.994	50.001	50	30.39	0.237	0.013906	15502	9.047	95.764	0.98
13.6699	3.00223	50.003	49.997	50.003	31.73	0.241	0.015449	15502	9.521	93.416	0.981
13.6806	3.00454	50.003	50.001	50.003	34	0.239	0.019451	15502	10.931	88.593	0.982
13.632	2.99512	50.001	49.999	49.994	34.04	0.241	0.012711	15502	12.029	84.999	0.982
13.6717	3.00446	50.003	50	49.994	34.7	0.234	0.014121	15502	13.177	80.71	0.982
13.6926	3.00101	50.001	50.001	50.004	34.11	0.241	0.006152	15502	13.761	79.189	0.983
13.6789	2.99925	50.003	49.999	49.999	34	0.233	0.011619	15502	14.445	75.564	0.982
13.6697	3.00322	50.003	49.997	49.999	34	0.242	0.007593	15502	15.048	70.759	0.979
13.6641	2.99856	50.004	49.999	49.998	33.64	0.238	0.00956	15502	15.843	67.407	0.978
13.6918	3.00407	49.996	49.995	49.998	34.03	0.224	0.018055	15502	14.706	68.973	0.978
13.6606	2.99543	50	49.997	49.993	34.08	0.241	0.011799	15502	11.113	74.053	0.98
13.6561	3.00054	50.001	50	50.001	31.64	0.238	0.008739	15502	8.885	80.124	0.98
13.6814	2.99959	49.999	49.995	49.997	29.9	0.227	0.009708	15502	8.24	82.572	0.98
13.6916	3.00379	50.002	49.992	49.997	28.84	0.229	0.018335	15502	8.048	83.259	0.98
13.6607	3.00422	50.002	49.999	49.997	27.97	0.223	0.013579	15502	7.443	89.27	0.977
13.656	2.99989	49.995	50.002	49.998	27.84	0.229	0.008874	15502	7.756	90.658	0.978
13.6467	2.9919	50.001	50.003	50.006	27.41	0.232	0.005799	15502	7.695	92.545	0.977

13.6781	3.00606	50.003	50.001	50.004	27.53	0.228	0.021101	15502	7.635	93.013	0.976
13.6756	2.99955	50.004	50.001	50	28.34	0.225	0.013789	15502	7.857	93.826	0.975
13.691	3.00355	49.999	50	49.998	28.96	0.228	0.010213	15502	8.553	95.093	0.974
13.6351	2.99584	50.002	50.001	50.001	28.54	0.221	0.006674	15502	8.512	95.123	0.972
13.6518	2.99883	50	50.002	49.999	28.61	0.222	0.007415	15502	9.198	95.684	0.974
13.6852	3.0068	50.004	49.996	49.989	29.29	0.225	0.01587	15502	9.712	95.868	0.972
13.7036	3.00677	50.001	49.998	50.003	30.59	0.225	0.010371	15502	11.294	95.852	0.972
13.6771	2.9995	49.998	49.996	50.004	32.66	0.227	0.019587	15502	12.633	95.171	0.972
13.6581	2.99988	49.999	49.998	50	34.01	0.224	0.007529	15502	14.757	95.276	0.972
13.6699	3.00165	49.998	50	49.997	34.1	0.23	0.008365	15502	17.722	89.41	0.972
13.6852	2.99806	50	49.998	50.002	33.56	0.228	0.015798	15502	18.998	84.079	0.972
13.6752	2.9971	49.993	50.002	50.003	33.37	0.227	0.029835	15502	20.815	81.388	0.971
13.6747	3.0066	49.998	50.009	50.003	33.48	0.223	0.004498	15502	22.3	75.345	0.969
13.6693	2.99722	49.999	50	50.003	34.03	0.221	0.012741	15502	19.39	89.138	0.968
13.641	2.99563	49.996	50.001	49.999	33.34	0.224	0.046362	15502	22.861	77.102	0.967
13.7066	3.00798	49.998	50.001	49.999	33.37	0.225	0.010483	15502	23.142	72.24	0.969
13.7012	3.00206	50.007	50	49.998	33.37	0.225	0.033659	15502	20.454	84.661	0.966
13.6588	2.99887	50	50.003	49.997	33.49	0.219	0.037393	15502	22.019	74.479	0.967
13.6798	3.00137	49.996	49.999	49.999	33.49	0.217	0.024436	15502	21.908	74.969	0.966
13.675	2.99847	50.002	50.002	50.003	33.84	0.226	0.009393	15502	18.827	79.465	0.966
13.6481	2.99766	50.005	49.997	49.997	34.26	0.224	0.01774	15502	14.666	78.187	0.968
13.6663	2.99646	50.001	50.001	49.997	31.97	0.226	0.011593	15502	11.526	72.67	0.968
13.677	3.00697	50.002	49.999	50.001	29.62	0.227	0.014597	15502	9.158	70.728	0.971
13.6876	3.00542	49.996	50	49.996	27.65	0.226	0.016216	15502	7.756	75.413	0.971
13.6583	2.99115	50.001	49.998	49.997	26.29	0.223	0.01201	15502	6.454	81.496	0.972
13.6682	3.00263	50	49.995	50	24.4	0.222	0.013343	15502	5.213	82.081	0.973
13.6273	2.9878	50	49.998	50.001	23.45	0.221	0.005813	15502	4.506	82.452	0.974
13.645	2.99758	50.001	49.998	49.998	22.98	0.216	0.006458	15502	4.324	83.471	0.974
13.667	2.99852	50.002	49.998	49.998	23.02	0.235	0.012196	15502	4.971	84.18	0.975
13.7009	3.00536	50.006	50	49.999	23.38	0.237	0.013549	15502	4.95	81.715	0.978
13.7001	3.01035	50.003	49.999	49.997	24.48	0.232	0.010035	15502	5.819	79.391	0.977
13.6959	3.00806	50	50.005	50.002	28.62	0.239	0.018952	15502	7.282	74.732	0.978
13.6633	3.00008	50.003	50.001	50.004	32.7	0.226	0.023862	15502	10.085	65.571	0.98
13.6569	2.99262	50.004	50.002	50	34.2	0.24	0.026509	15502	11.969	57.582	0.98
13.6693	3.00193	50.001	49.999	49.994	34.04	0.23	0.01019	15502	12.835	57.922	0.98
13.6972	3.00119	49.997	50.001	50.003	34.02	0.232	0.01283	15502	15.068	53.792	0.98

13.6594	3.00082	49.997	49.997	49.999	33.94	0.235	0.041193	15502	17.501	37.81	0.978
13.6655	3.00425	50.003	49.999	50.001	34.01	0.223	0.030509	15502	16.677	38.427	0.98
13.6816	3.00135	50.002	50.006	50.001	34.02	0.23	0.057619	15502	12.694	41.123	0.981
13.6684	3.0006	50	49.998	50.001	32.86	0.233	0.022149	15502	10.478	42.867	0.983
13.6746	2.99998	50.003	50.001	50.003	32.68	0.23	0.005008	15502	10.236	48.773	0.984
13.6654	3.00329	50.001	50	49.999	31.28	0.234	0.005564	15502	8.986	56.625	0.983
13.6614	2.99405	49.996	49.996	50.001	28.73	0.228	0.007006	15502	7.595	66.331	0.986
13.656	3.00071	50.002	50.004	49.994	27.17	0.221	0.013231	15502	6.818	68.928	0.986
13.7024	3.00652	50	49.995	49.998	26.46	0.228	0.008646	15502	5.011	78.97	0.986
13.6327	2.99638	49.992	49.995	50.001	25.21	0.231	0.009606	15502	3.981	83.389	0.987
13.6762	3.00221	50.001	50.001	50	24.43	0.225	0.006277	15502	2.526	87.687	0.987
13.6888	3.00056	49.998	49.995	50.002	23.72	0.231	0.011855	15502	1.848	90.043	0.987
13.6852	3.00419	49.999	49.998	49.997	23.08	0.229	0.01317	15502	1.798	89.61	0.987
13.6505	2.99342	49.998	50.003	50.004	22.96	0.225	0.008607	15502	1.788	91.927	0.988
13.663	2.99747	50.001	50.003	49.996	22.89	0.229	0.009562	15502	1.596	91.63	0.987
13.6434	2.99446	50.003	50.004	50.007	22.49	0.223	0.012039	15502	1.019	91.637	0.987
13.6722	3.0027	50	50.013	50.001	22.34	0.222	0.022736	15502	1.029	92.086	0.986
13.6517	2.99823	50	49.998	50.001	22.32	0.227	0.014858	15502	0.827	93.313	0.989
13.688	3.00144	50	49.999	49.999	25.1	0.236	0.006473	15502	5.718	75.613	0.991
13.6427	2.99707	49.998	49.998	50.003	32.66	0.229	0.020783	15502	9.893	62.663	0.993
13.6777	3.00014	50.002	49.999	49.998	34.1	0.237	0.03925	15502	11.646	57.415	0.991
13.6856	3.009	50.001	50.001	49.994	34.1	0.24	0.0171	15502	12.955	47.852	0.992
13.6712	2.99716	50	50	49.998	34.07	0.229	0.006573	15502	14.334	37.619	0.993
13.6756	3.00669	49.998	49.996	49.999	34.04	0.235	0.008276	15502	15.35	33.277	0.992
13.6477	2.99915	50.003	50.001	49.995	34.02	0.236	0.009194	15502	16.476	32.491	0.992
13.6799	3.00621	50.001	49.997	49.999	34.02	0.24	0.00681	15502	17.039	28.591	0.991
13.6716	3.00366	50	50.002	49.999	33.99	0.245	0.012861	15502	17.762	25.688	0.99
13.6676	2.99596	49.996	50	50	33.91	0.232	0.014288	15502	18.184	23.864	0.987
13.6845	2.99905	50	50.004	49.999	34.02	0.237	0.017989	15502	17.783	23.549	0.987
13.6825	3.00075	50.005	50.004	49.998	34.04	0.232	0.010373	15502	16.355	27.697	0.987
13.6749	2.9988	50.001	49.999	50	34.19	0.233	0.007682	15502	10.75	50.992	0.989
13.683	2.99877	50	49.997	50	31.87	0.225	0.071282	15502	8.028	66.409	0.987
13.7003	3.00728	50	49.998	49.998	29.89	0.228	0.005577	15502	6.495	73.884	0.986
13.6602	3.00042	50.001	50.001	50.001	28.36	0.225	0.020294	15502	5.506	76.735	0.987
13.6736	3.0002	50.005	49.998	50.001	27.2	0.226	0.013262	15502	4.708	80.362	0.987
13.6709	3.00412	49.999	50.007	50.001	26.47	0.231	0.016698	15502	4.253	84.911	0.986

13.651	2.994	50.001	49.998	49.994	25.86	0.239	0.018551	15502	3.718	86.699	0.986
13.6601	3.00178	49.997	50.003	50	25.26	0.228	0.013739	15502	3.395	89.818	0.986
13.6573	3.00052	49.99	49.998	49.996	25.07	0.241	0.008978	15502	2.93	88.028	0.986
13.6736	2.99644	50	50	49.999	24.99	0.239	0.016957	15502	2.829	88.562	0.985
13.6808	2.99209	49.997	50.001	50.002	24.86	0.235	0.006518	15502	2.728	89.092	0.986
13.6747	2.99856	50.002	49.995	50.005	25.09	0.224	0.023718	15502	3.799	89.027	0.987
13.6742	3.00392	50.002	50	50.004	27.35	0.236	0.0155	15502	9.732	66.554	0.985
13.6851	3.00345	49.998	50.001	50.003	33.5	0.226	0.01148	15502	14.223	43.108	0.986
13.6723	2.99847	50.001	49.999	50.001	33.96	0.227	0.02168	15502	16.275	38.418	0.989
13.6384	2.98895	50.005	50	50.003	34.03	0.235	0.024086	15502	17.381	39.2	0.988
13.6805	3.00002	49.997	50	49.999	33.89	0.229	0.017838	15502	19.791	31.125	0.987
13.6585	2.99992	49.997	50.005	49.995	33.81	0.228	0.03369	15502	20.002	32.67	0.986
13.6853	3.00313	49.999	50.005	49.995	33.78	0.24	0.037427	15502	19.299	34.361	0.985
13.6915	3.0031	49.996	50.002	50.004	33.84	0.226	0.024459	15502	19.189	32.321	0.984
13.7045	3.01419	49.999	50	49.998	34.03	0.229	0.046193	15502	18.164	39.615	0.983
13.6611	3.00054	50.001	49.999	49.998	34.04	0.23	0.020124	15502	18.114	41.265	0.983
13.67	3.00459	49.999	49.998	50.001	34.04	0.228	0.007736	15502	16.999	41.603	0.983
13.666	2.99836	49.999	50.004	50	34.6	0.227	0.008594	15502	15.853	47.624	0.982
13.6676	3.00285	50.001	50.004	50.002	34.72	0.234	0.010821	15502	14.384	57.035	0.982
13.6495	2.99281	49.997	50.001	50.001	34.68	0.228	0.007071	15502	14.686	54.193	0.981
13.6384	2.99835	49.997	50	50.002	34.76	0.228	0.02573	15502	15.692	48.581	0.983
13.722	3.012	49.996	49.991	49.997	34.28	0.228	0.016815	15502	16.215	43.956	0.983
13.6651	2.99676	50.003	49.995	50.002	34.12	0.228	0.03599	15502	16.325	44.325	0.98
13.6799	3.00336	49.998	50.001	49.998	34.72	0.235	0.039983	15502	16.677	42.713	0.98
13.6963	3.0097	49.997	49.999	50	34.28	0.224	0.044419	15502	16.014	48.15	0.978
13.7142	3.0082	49.999	50.003	50.001	34.72	0.24	0.019352	15502	16.235	50.189	0.977
13.6916	3.00798	49.998	50.003	49.998	34.81	0.227	0.021499	15502	16.044	52.644	0.977
13.6446	2.99106	50.003	50.003	50.001	34.05	0.221	0.008264	15502	13.66	76.646	0.978
13.6643	3.0015	50.003	50.003	50.003	31.98	0.224	0.015608	15502	12.512	89.985	0.98
13.6818	3.00003	50	49.996	49.999	31.93	0.223	0.019652	15502	12.372	93.172	0.978
13.6677	2.99547	50	50.006	49.997	32.89	0.223	0.021832	15502	14.083	88.694	0.98
13.6831	3.00562	50.003	50	50	33.55	0.235	0.024254	15502	13.781	87.764	0.982
13.6904	3.00255	50.001	50.001	49.999	33.35	0.24	0.01585	15502	14.173	81.081	0.984
13.6688	3.0044	49.998	49.992	50.001	33.78	0.23	0.006093	15502	16.215	61.827	0.983
13.6823	2.99789	50.003	50	50.003	33.89	0.23	0.011507	15502	17.461	42.177	0.984
13.6584	3.00133	49.998	50.007	50	33.95	0.228	0.00752	15502	18.024	36.314	0.986

13.6882	3.00049	50.004	49.999	49.999	33.95	0.236	0.024143	15502	17.702	32.223	0.986
13.6873	3.00234	50.002	50.002	49.999	33.88	0.243	0.015777	15502	17.742	33.976	0.986
13.6676	2.99731	50.001	49.999	50	34.03	0.235	0.019865	15502	18.204	34.566	0.986
13.6603	3.00044	50	49.995	49.999	33.95	0.228	0.019472	15502	17.983	33.245	0.988
13.6642	2.99321	50	49.998	50.004	34.01	0.226	0.008483	15502	17.642	31.458	0.987
13.6843	2.99982	49.999	50.002	49.999	34.04	0.225	0.009424	15502	15.853	36.436	0.986
13.6888	3.0083	49.998	49.999	50	34.05	0.243	0.01047	15502	13.459	48.103	0.986
13.6499	3.00313	49.999	49.998	50.001	32.66	0.229	0.013182	15502	10.911	61.099	0.989
13.6538	2.99484	49.998	50.003	49.999	31.3	0.232	0.021967	15502	10.589	52.518	0.989
13.6542	2.99962	49.999	50.003	50	30.6	0.234	0.00563	15502	8.412	70.193	0.989
13.6808	3.0055	50.004	49.998	49.999	29.32	0.233	0.003679	15502	8.24	63.807	0.989
13.6803	3.00411	50.001	50	50.003	28.64	0.24	0.011812	15502	7.998	54.948	0.989
13.683	2.99901	49.999	50.005	49.998	28.07	0.232	0.007719	15502	5.94	78.691	0.989
13.6662	3.00437	49.999	50.002	50.001	27.19	0.241	0.008575	15502	5.011	79.283	0.987
13.6719	2.99925	50	50.002	50.003	26.87	0.228	0.010797	15502	4.748	83.618	0.987
13.6733	3.00406	49.993	50	49.996	26.11	0.226	0.011995	15502	3.678	84.929	0.989
13.6872	2.99944	50	49.997	50	25.78	0.239	0.007838	15502	3.637	84.784	0.989
13.6233	2.98539	49.995	50.002	49.996	25.78	0.231	0.072731	15502	3.991	85.567	0.991
13.6868	3.00567	50.007	49.998	49.999	27.16	0.229	0.016446	15502	6.333	79.288	0.992
13.6929	3.00871	50	50.002	49.999	31.28	0.235	0.018271	15502	11.244	58.378	0.991
13.6788	3.0054	49.999	50.001	49.999	34.02	0.228	0.013532	15502	15.27	38.114	0.992
13.6768	3.00021	49.997	49.997	50	34.03	0.229	0.025556	15502	16.979	31.124	0.993
13.6725	2.99379	49.999	49.998	49.995	34.03	0.231	0.028391	15502	18.285	22.578	0.993
13.6896	3.00215	50.002	50.002	50.002	34.03	0.233	0.035747	15502	19.781	21.518	0.992
13.6412	2.99623	50.004	49.997	50.006	34.09	0.243	0.012125	15502	19.048	21.434	0.992
13.6581	2.99892	42.606	46.172	50.025	25.69	0.225	0.253828	15502	12.049	77.05	0.985
13.6634	3.00134	50.001	50	49.998	33.34	0.238	0.011683	15502	13.519	70.711	0.987
13.6477	2.99641	50.001	50.001	50.001	33.8	0.232	0.007634	15502	16.355	63.412	0.985
13.6745	2.99886	47.813	45.722	49.521	28.57	0.23	0	15502	17.24	59.677	0.985
13.6653	3.00147	49.999	49.999	50.003	33.74	0.233	0.024678	15502	19.149	55.296	0.984
13.695	3.0011	49.997	50.002	49.998	34.03	0.235	0.009486	15502	20.243	45.472	0.985
13.6664	3.00091	50.001	50.001	49.996	34.02	0.237	0.030457	15502	20.955	45.98	0.985
13.6593	2.99454	49.999	49.997	49.998	33.95	0.243	0.013269	15502	21.327	39.247	0.985
13.6642	2.99493	49.997	50.002	50.003	34.04	0.229	0.014741	15502	21.066	39.388	0.984
13.6777	3.00751	50	50	49.995	34.04	0.229	0.136779	15502	20.825	41.699	0.984

13.6694	2.99656	50.001	50.012	50.002	34.72	0.234	0.010702	15502	15.008	68.201	0.985
13.6804	3.00177	50	49.997	50.003	34.7	0.238	0.007926	15502	13.016	75.738	0.985
13.6755	3.00011	50	49.991	49.995	34.04	0.239	0.014969	15502	11.848	82.056	0.985
13.7092	3.00498	50.002	50	49.998	32.91	0.226	0.028271	15502	10.518	84.617	0.987
13.6945	3.00378	50.003	49.997	50.002	31.97	0.243	0.020939	15502	9.823	87.365	0.986
13.696	3.0061	49.998	49.999	50.005	31.28	0.232	0.023262	15502	9.208	88.745	0.985
13.6769	2.99931	49.999	49.996	50.004	30.66	0.224	0.025842	15502	8.785	90.053	0.987
13.6668	2.99908	50.001	49.998	50.004	30.52	0.228	0.009934	15502	8.139	91.62	0.985
13.656	3.00132	50.001	50.003	50.001	29.91	0.229	0.012508	15502	7.544	92.652	0.986
13.6364	2.99571	49.998	50.001	50.003	29.33	0.242	0.013895	15502	7.131	93.342	0.985
13.6339	2.99777	49.997	50.004	49.991	28.98	0.229	0.015437	15502	7.08	94.07	0.983
13.6871	3.00814	50.001	49.998	49.999	29.11	0.24	0.033041	15502	8.048	94.332	0.983
13.6608	3.0028	50.002	50	50.012	33.2	0.243	0.021592	15502	12.935	81.542	0.985
13.6573	2.99847	50	50.001	50.001	34.03	0.234	0.023988	15502	17.129	65.806	0.987
13.6613	2.99569	50	50.003	49.999	34.07	0.228	0.026649	15502	21.798	51.31	0.986
13.6656	2.99715	49.998	50	50.001	34.07	0.233	0.033553	15502	24.084	39.468	0.987
13.672	3.00332	49.997	50.002	49.999	34.13	0.233	0.021927	15502	25.286	34.121	0.986
13.6831	2.99953	49.999	50.002	49.999	34.05	0.227	0.014329	15502	25.226	31.381	0.986
13.6496	2.99286	49.994	50.001	49.999	34.04	0.228	0.009364	15502	24.796	34.668	0.983
13.6432	2.99901	49.999	49.999	50.004	34.03	0.236	0.020043	15502	25.717	29.899	0.985
13.6907	3.00944	49.995	49.996	50.005	34	0.227	0.013098	15502	26.158	30.965	0.984
13.6507	2.99851	50	49.997	50.001	34.01	0.225	0.014551	15502	26.528	30.037	0.983
13.6485	2.99528	50.003	50.004	50.003	34	0.227	0.016165	15502	25.777	30.721	0.982
13.6929	3.00512	50	50.002	50.001	33.98	0.24	0.0346	15502	24.665	37.141	0.983
13.6385	2.99761	50.004	49.997	49.996	34.07	0.233	0.038439	15502	18.014	58.725	0.984
13.6693	2.99709	50.006	50	50.003	34.74	0.232	0.008692	15502	15.471	67.507	0.983
13.6673	2.99945	50.001	50.007	50.002	34.92	0.238	0.027906	15502	14.133	78.462	0.984
13.6578	2.99807	50.001	49.997	49.996	35.24	0.226	0.020668	15502	13.288	82.749	0.983
13.7059	3.0067	50.001	49.994	49.997	35.31	0.23	0.022961	15502	13.056	84.385	0.983
13.6871	3.00719	49.993	49.998	50.001	35.22	0.234	0.015005	15502	13.187	84.726	0.983
13.6831	3.00438	49.999	50	50	34.69	0.223	0.028339	15502	12.241	86.108	0.983
13.6698	2.99357	49.997	50.001	50	33.74	0.229	0.031482	15502	11.314	88.235	0.985
13.6999	3.00619	50.003	49.995	49.999	33.27	0.243	0.039639	15502	10.78	90.479	0.983
13.6856	2.99976	50.006	49.999	50.003	32.7	0.24	0.008963	15502	10.297	92.103	0.982
13.6461	2.99177	50.001	49.999	49.997	32.08	0.229	0.016928	15502	10.055	92.382	0.984
13.6639	2.99756	50.001	49.997	49.996	32.66	0.225	0.012537	15502	11.505	89.881	0.984

13.6545	2.99857	49.996	49.995	50.001	34.04	0.227	0.013928	15502	15.803	72.095	0.984
13.7046	3.00325	49.996	49.998	49.996	34.04	0.233	0.015473	15502	19.731	61.491	0.984
13.6809	3.00207	49.996	49.999	49.998	34.03	0.228	0.029223	15502	20.715	57.966	0.985
13.6493	3.00322	50	49.998	50.003	34.01	0.227	0.019097	15502	23.001	43.269	0.984
13.6978	3.00778	50	49.999	50.002	34.05	0.229	0.024045	15502	21.567	40.38	0.985
13.6744	2.99642	49.998	50.003	50	33.97	0.228	0.026712	15502	22.41	39.932	0.984
13.6767	2.9989	50.002	49.998	49.999	33.77	0.228	0.029676	15502	23.062	38.447	0.984
13.6982	3.00765	50	49.995	49.999	33.81	0.223	0.012929	15502	25.046	34.865	0.983
13.7057	3.00518	50.005	50.001	50.003	33.99	0.241	0.014363	15502	24.505	36.059	0.981
13.6522	3.00245	49.998	49.998	50.004	33.89	0.232	0.015956	15502	22.731	37.836	0.981
13.6524	2.9944	49.997	49.995	50.001	33.83	0.236	0.017727	15502	20.715	42.877	0.982
13.6831	3.00012	49.996	49.998	50.002	34.24	0.23	0.037942	15502	17.622	46.027	0.981
13.6961	3.001	50.001	50.001	49.999	34.88	0.227	0.024795	15502	15.33	45.235	0.981
13.6779	2.99313	50	50.002	50.002	33.84	0.229	0.006354	15502	13.418	46.337	0.982
13.6626	2.99853	50.003	50.004	49.997	32.26	0.227	0.020401	15502	12.19	47.754	0.981
13.6401	2.99163	49.999	49.994	49.999	31.52	0.225	0.013332	15502	11.334	52.138	0.981
13.6726	3.00344	49.998	50.001	50.002	30.6	0.223	0.005808	15502	10.518	56.447	0.981
13.6448	2.99662	49.999	50	50	30.58	0.223	0.018648	15502	11.103	63.319	0.98
13.6769	3.00558	49.996	49.997	49.999	31.22	0.234	0.008124	15502	12.774	56.849	0.979
13.638	2.99767	50.005	49.999	49.997	32.02	0.235	0.00354	15502	12.875	54.625	0.977
13.6689	3.00115	50	50.001	50.001	32.14	0.222	0.019319	15502	12.543	54.817	0.979
13.6757	3.00732	50.002	50	49.998	32.1	0.232	0.012625	15502	12.573	53.616	0.978
13.6937	3.00267	49.996	50.002	50	31.65	0.237	0.00935	15502	11.344	56.838	0.977
13.6469	2.99701	49.995	49.998	50.003	30.77	0.236	0.010388	15502	11.677	57.596	0.978
13.646	2.9933	49.999	49.995	50.002	33.39	0.237	0.013079	15502	14.394	50.225	0.976
13.6599	3.00095	49.998	50.002	50	34.04	0.222	0.024701	15502	16.004	46.372	0.976
13.6497	2.99582	50.006	49.997	49.999	33.8	0.23	0.027441	15502	19.018	40.438	0.974
13.6609	3.00027	50	50.003	49.999	33.93	0.236	0.010549	15502	20.022	40.414	0.974
13.6685	3.00121	50	50.003	49.996	33.99	0.227	0.019922	15502	20.243	38.562	0.972
13.6948	3.0036	50.001	50.004	50.002	34.02	0.223	0.014755	15502	19.289	42.221	0.971
13.6756	3.00422	49.999	50.005	49.998	33.63	0.227	0.027866	15502	18.446	55.957	0.97
13.6769	2.99985	50.002	49.999	50.001	34.01	0.226	0.01821	15502	15.803	75.32	0.969
13.665	3.00264	49.998	49.997	49.996	34.01	0.239	0.020231	15502	16.376	71.854	0.968
13.6588	2.99995	50.001	50.007	50.001	34.61	0.227	0.019831	15502	14.928	85.039	0.966
13.6604	2.99497	49.997	49.998	50	34.67	0.228	0.007623	15502	13.137	89.419	0.966
13.6712	3.00349	50.003	49.997	50.002	33.35	0.227	0.008469	15502	12.271	92.362	0.966

13.6636	3.00315	50.001	50.001	49.999	32.13	0.224	0.009408	15502	11.969	93.926	0.964
13.6414	2.99692	50.002	50.003	50	31.96	0.221	0.006148	15502	11.747	94.503	0.964
13.6376	2.99745	50.002	49.996	50.001	31.36	0.225	0.01974	15502	11.364	94.402	0.963
13.6734	2.99383	49.996	50.004	50.001	31.28	0.235	0.0129	15502	11.264	94.014	0.962
13.6555	2.99597	49.999	49.999	50.001	31.26	0.227	0.004959	15502	11.082	93.431	0.962
13.6811	3.00023	49.998	49.999	50.001	31.31	0.223	0.009365	15502	11.022	92.943	0.961
13.662	3.00007	50.004	50	50.001	31.35	0.235	0.00612	15502	11.264	93.736	0.959
13.6978	3.00858	49.998	50	49.997	31.92	0.235	0.011559	15502	11.536	94.193	0.96
13.6638	2.99566	50.001	50.004	50.003	31.95	0.223	0.007554	15502	12.2	92.736	0.959
13.6551	2.99933	49.996	50.008	50.004	30.44	0.219	0.004936	15502	9.51	91.831	0.959
13.6753	3.00514	50.005	49.994	50	28.55	0.221	0.009323	15502	8.845	89.009	0.961
13.673	2.9973	50	50.004	50.002	27.27	0.218	0.010357	15502	8.623	87.091	0.961
13.6773	2.99894	49.998	49.996	49.994	26.69	0.222	0.022168	15502	8.21	83.696	0.961
13.7014	3.00562	50.001	50	50.001	26.69	0.225	0.014487	15502	7.948	81.073	0.962
13.6859	3.00694	50.003	49.994	49.998	26.76	0.234	0.01824	15502	7.332	81.436	0.964
13.678	3.00053	50.001	49.998	49.998	26.7	0.217	0.020263	15502	7.847	77.536	0.964
13.6513	2.99999	49.995	50.003	50.005	26.62	0.223	0.015007	15502	7.494	76.239	0.966
13.6659	2.99392	50.001	49.999	50.001	27.26	0.224	0.016672	15502	7.726	67.923	0.967
13.6749	3.00581	50.002	49.999	50	29.01	0.221	0.012348	15502	9.228	59.879	0.967
13.669	3.00256	50	50.003	50.001	29.43	0.225	0.023321	15502	8.775	60.205	0.969
13.6214	2.99206	50.001	49.998	50.003	29.12	0.228	0.01524	15502	8.664	57.305	0.968
13.6747	3.0045	49.999	49.999	49.997	28.11	0.225	0.019188	15502	8.27	57.969	0.97
13.654	2.99797	49.998	49.997	50.004	28.52	0.225	0.021317	15502	8.674	57.074	0.969
13.6782	3.00264	50.001	50	49.998	27.83	0.224	0.040259	15502	8.19	65.947	0.97
13.6703	2.99966	50.001	49.997	49.998	26.65	0.233	0.017539	15502	6.909	75.712	0.97
13.7145	3.00942	49.999	49.998	50.004	25.8	0.235	0.019485	15502	6.555	72.848	0.97
13.6682	2.99601	50.005	49.999	49.997	25.15	0.225	0.00749	15502	5.597	73.954	0.97
13.6594	2.99542	50.001	49.998	49.994	24.4	0.22	0.014146	15502	4.789	77.565	0.972
13.6678	2.99857	50.006	49.998	50.001	24.49	0.221	0.010477	15502	5.213	77.996	0.97
13.6458	2.99834	49.996	49.998	49.997	24.47	0.226	0.004027	15502	4.87	77.189	0.969
13.6527	2.99391	50	49.997	49.993	24.97	0.22	0.007606	15502	5.647	72.87	0.971
13.6628	3.00405	50.001	50	49.996	24.4	0.22	0.00845	15502	4.991	70.287	0.97
13.6606	2.99837	50.002	49.998	50.003	23.78	0.219	0.015959	15502	3.92	74.712	0.969
13.688	3.00048	50	49.999	49.999	23.03	0.219	0.010429	15502	3.88	70.899	0.969
13.6722	3.00097	50.002	50.002	50.003	22.44	0.22	0.013131	15502	3.092	73.439	0.969
13.6735	3.00055	49.999	49.999	50	22.72	0.233	0.024799	15502	4.142	74.408	0.971

13.6845	3.00477	50	49.999	49.999	26.47	0.228	0.016206	15502	6.666	63.201	0.97
13.6693	3.0041	49.997	50	50.001	29.51	0.226	0.012003	15502	7.06	55.395	0.972
13.6495	2.99043	49.997	49.995	49.996	30.6	0.235	0.038536	15502	8.18	50.729	0.97
13.6701	2.99751	49.998	50.003	49.996	31.97	0.229	0.014814	15502	9.39	47.58	0.973
13.6655	2.99906	50	50	50.001	31.66	0.222	0.027977	15502	10.871	39.165	0.97
13.6757	2.99859	50	50	50	32.12	0.223	0.020721	15502	11.314	32.5	0.972
13.6725	3.0039	49.999	49.998	49.999	33.07	0.23	0.039133	15502	11.828	31.495	0.972
13.6965	3.00239	49.999	50.003	50	32.82	0.224	0.025573	15502	12.512	32.508	0.97
13.6609	2.99934	50.004	49.998	50.002	31.3	0.226	0.016712	15502	11.586	38.784	0.972
13.6829	2.99951	49.999	50.001	50.003	31.29	0.222	0.053656	15502	11.485	39.001	0.972
13.6763	3.00545	50.001	49.998	49.999	30.6	0.22	0.007137	15502	10.8	38.406	0.972
13.6804	2.99906	50	50.002	49.998	30.61	0.224	0.013479	15502	10.176	38.797	0.972
13.6935	3.00479	50	49.999	49.998	28.63	0.237	0.014974	15502	7.595	49.375	0.974
13.691	3.00369	49.999	50.003	49.999	26.69	0.237	0.005756	15502	5.879	55.305	0.974
13.688	3.00114	49.997	49.997	49.999	25.66	0.224	0.012321	15502	4.637	59.164	0.974
13.6408	2.99156	50.002	49.997	49.999	24.54	0.222	0.013688	15502	2.687	75.053	0.974
13.6358	2.99688	49.995	50.001	49.997	23.67	0.221	0.008945	15502	3.657	63.94	0.972
13.6875	3.00175	49.998	49.995	50.004	23.03	0.221	0.009937	15502	3.718	63.077	0.971
13.6853	3.00071	50.003	49.999	49.997	22.25	0.221	0.01104	15502	2.425	70.792	0.972
13.6422	2.99195	50.001	50.007	50.001	20.97	0.221	0.007214	15502	1.464	71.391	0.973
13.6808	3.01015	49.998	50	49.993	20.28	0.22	0.009083	15502	0.746	73.578	0.972
13.6753	3.00573	50.001	50.002	49.997	21.72	0.222	0.010091	15502	0.402	75.834	0.972
13.6738	3.00543	49.997	50.009	49.997	21.24	0.233	0.006594	15502	0.362	78.41	0.974
13.707	3.00689	50.004	50.002	49.998	20.57	0.222	0.021172	15502	1.768	72.539	0.975
13.6467	2.99999	49.998	50	49.999	23.95	0.232	0.013836	15502	3.647	51.95	0.976
13.6571	2.99518	50.002	49.998	50	26.16	0.223	0.010247	15502	3.496	44.608	0.978
13.6692	3.00496	49.996	49.998	50	26.56	0.224	0.032901	15502	3.86	50.195	0.977
13.6629	2.99562	49.997	50	50.001	27.42	0.224	0.0215	15502	6.041	46.964	0.977
13.6752	2.99827	49.998	49.996	49.999	29.82	0.236	0.00286	15502	6.929	42.073	0.978
13.6746	3.00596	50.003	49.997	49.996	29.99	0.228	0.026536	15502	8.149	39.1	0.978
13.6535	2.99931	49.997	49.997	50.003	30.19	0.222	0.050115	15502	8.482	33.213	0.979
13.6734	2.99775	50	50.003	50.001	30.25	0.225	0.019265	15502	8.533	35.444	0.978
13.6224	2.99639	50.001	50.006	50	30.62	0.227	0.014268	15502	9.279	36.31	0.981
13.6839	3.00132	49.999	50.002	50	31.41	0.231	0.005485	15502	9.51	34.345	0.98
13.6725	2.99555	49.993	50.001	49.996	33.34	0.228	0.017609	15502	9.369	36.122	0.979
13.6909	3.00752	49.999	49.998	50	31.98	0.228	0.011508	15502	9.027	34.83	0.978

13.6552	2.99323	49.997	49.997	49.999	29.52	0.228	0.014489	15502	7.03	41.066	0.978
13.6815	3.00056	50.001	49.999	49.996	26.88	0.228	0.008355	15502	3.678	59.04	0.979
13.6616	2.9963	50.003	49.999	49.998	24.91	0.236	0.010519	15502	1.98	73.235	0.979
13.6563	2.99892	50.007	50	50.004	23.7	0.223	0.011686	15502	2.991	54.377	0.978
13.6836	3.00172	49.997	50.001	50	23.02	0.232	0.012982	15502	2.799	52.213	0.978
13.6859	3.00167	50.003	49.999	50.005	22.22	0.226	0.005656	15502	2.222	54.146	0.98
13.6788	3.00269	50.002	50.003	49.998	21.22	0.231	0.010682	15502	1.12	57.413	0.977
13.6793	3.00159	50.001	50.002	49.999	20.35	0.22	0.004106	15502	0.362	59.197	0.98
13.6355	2.99835	50	49.998	50.001	21.04	0.225	0.013183	15502	0.382	59.2	0.979
13.688	3.00358	50.002	50.001	50.006	20.98	0.223	0.014646	15502	-0.397	61.682	0.981
13.6645	3.00355	49.997	49.997	49.996	22.4	0.225	0.016271	15502	-1.399	65.782	0.983
13.6552	3.00084	49.998	50.003	49.996	22.34	0.222	0.010633	15502	-0.61	65.559	0.982
13.6568	3.00102	50	49.995	50.002	25.11	0.229	0.011813	15502	3.173	53.442	0.984
13.6823	3.00192	50.002	50.002	50.004	30.58	0.236	0.014873	15502	6.929	40.031	0.985
13.6462	2.99256	50.002	50.001	49.998	34.72	0.243	0.028089	15502	8.845	33.648	0.986
13.6508	3.00076	49.999	50.002	50.004	34.34	0.228	0.031205	15502	9.269	26.792	0.986
13.6514	2.99299	49.996	49.997	50.002	34.23	0.244	0.034667	15502	9.712	23.587	0.986
13.6573	2.99287	49.997	49.999	50.004	34.49	0.229	0.013326	15502	11.082	21.526	0.985
13.6529	3.00041	50	49.999	50.001	34.1	0.232	0.028524	15502	11.969	23.075	0.985
13.6376	2.99371	50.002	49.996	49.995	34.03	0.242	0.01864	15502	12.311	18.809	0.985
13.6597	3.00119	49.999	49.999	50.001	33.71	0.23	0.020708	15502	13.177	18.427	0.984
13.69	3.00716	50.001	49.999	49.996	33.8	0.239	0.026073	15502	13.519	19.387	0.983
13.7098	3.00621	49.998	50.002	50	34.03	0.243	0.017039	15502	13.428	17.425	0.985
13.6667	2.9981	50	50	50.003	34.04	0.238	0.011135	15502	12.492	20.259	0.984
13.6572	3.00084	50.005	49.998	49.996	32.86	0.242	0.014019	15502	8.704	42.182	0.983
13.6415	2.99562	49.998	49.992	49.998	29.32	0.224	0.015575	15502	5.011	56.883	0.983
13.6618	3.0021	49.998	49.997	49.999	26.84	0.229	0.010178	15502	3.698	68.838	0.983
13.673	2.99884	50	49.997	50.002	25.05	0.229	0.011307	15502	2.465	72.429	0.983
13.6838	3.00198	50.001	50.002	49.998	23.73	0.232	0.024202	15502	1.039	79.105	0.983
13.6682	3.00306	49.995	49.996	50	22.47	0.224	0.009303	15502	-0.104	81.189	0.983
13.662	2.99667	50.001	49.999	49.999	21.69	0.233	0.010336	15502	-0.407	85.884	0.984
13.6922	3.00209	49.994	49.998	50.001	20.97	0.224	0.006754	15502	-1.52	87.525	0.984
13.6701	2.99915	49.999	50	50.003	22.34	0.223	0.007504	15502	-1.541	90.173	0.984
13.6459	2.99071	49.997	50.001	49.996	22.41	0.241	0.024091	15502	-2.047	91.246	0.981
13.6631	2.99578	50.003	49.999	49.998	22.53	0.227	0.015744	15502	-2.037	91.965	0.985
13.6719	2.99757	49.999	50.002	49.997	21.98	0.229	0.01749	15502	-0.67	90.283	0.982

13.6678	2.99375	50.002	49.999	50.01	25.09	0.226	0.01143	15502	4.243	62.452	0.983
13.6889	3.00385	50.001	50.007	50.007	32.03	0.232	0.036697	15502	9.964	39.328	0.985
13.6695	2.99805	50.005	50	50.005	34.24	0.232	0.027179	15502	12.814	31.992	0.984
13.6658	2.99576	50	50.005	50.003	33.92	0.242	0.030194	15502	14.867	17.652	0.984
13.6681	3.00485	49.999	49.998	50.002	33.93	0.238	0.033544	15502	16.979	17.698	0.984
13.6458	2.99244	50.003	49.999	49.998	33.98	0.227	0.037265	15502	17.732	19.716	0.981
13.6826	3.00662	50.003	50	50	33.94	0.24	0.021487	15502	18.054	19.808	0.981
13.6615	2.99692	49.999	49.994	50.001	33.98	0.226	0.014042	15502	17.541	20.722	0.98
13.6613	3.00059	49.999	50	50.001	34	0.229	0.0156	15502	17.24	23.01	0.979
13.6807	3.00013	50.006	49.999	49.998	33.92	0.232	0.029462	15502	16.999	23.352	0.979
13.6884	3.00052	49.998	49.998	50	34.13	0.228	0.011325	15502	15.803	27.127	0.979
13.6719	3.00373	49.999	50.002	50	34.81	0.233	0.036362	15502	14.233	34.865	0.98
13.6609	3.0034	50.002	50	49.995	34.72	0.224	0.068673	15502	12.794	52.86	0.98
13.6713	3.0027	50.002	49.999	49.998	30.49	0.228	0.029918	15502	6.061	79.59	0.978
13.6605	2.99844	49.999	50.002	49.993	26.55	0.236	0.011501	15502	4.769	93.149	0.977
13.6853	3.00251	50	50.001	50.002	25.08	0.236	0.012777	15502	5.94	81.803	0.978
13.693	3.00486	50.006	50.001	50.001	24.46	0.225	0.014194	15502	5.334	91.556	0.977
13.6894	3.00866	50.002	49.991	50.001	24.47	0.226	0.005456	15502	5.021	91.346	0.976
13.6629	3.00478	49.999	50	50	24.37	0.227	0.010305	15502	4.93	91.427	0.976
13.6467	2.99134	50	50.003	50	24.41	0.219	0.019462	15502	5.677	88.337	0.972
13.6468	2.99004	50.004	49.999	49.997	24.4	0.22	0.014414	15502	5.637	91.251	0.972
13.6725	2.99832	50	49.996	49.999	24.4	0.226	0.016013	15502	5.839	91.669	0.974
13.6561	2.99995	50.002	49.999	50.004	24.49	0.22	0.020162	15502	5.94	92.473	0.974
13.6343	2.99579	50.005	50.003	50.003	24.85	0.222	0.013176	15502	6.041	90.768	0.972
13.6842	3.00021	49.999	50.003	49.997	24.4	0.222	0.00861	15502	5.92	91.67	0.974
13.6648	3.00118	49.999	50.002	50.002	24.4	0.224	0.009565	15502	6.091	92.492	0.972
13.6849	3.00167	50.001	50.004	49.999	24.67	0.221	0.010627	15502	6.424	93.104	0.972
13.688	3.00757	50.003	50.001	50.003	25.6	0.227	0.01338	15502	6.757	93.651	0.974
13.6496	2.99388	50.003	49.999	49.997	25.82	0.223	0.014864	15502	6.404	92.807	0.974
13.67	2.99963	49.995	50.001	49.998	26.15	0.224	0.028072	15502	6.919	92.126	0.972
13.67	3.00017	49.994	50	50.004	27.19	0.223	0.007194	15502	8.331	87.715	0.97
13.6639	3.00209	50.004	49.999	50.006	30.81	0.225	0.013587	15502	9.853	86.503	0.972
13.6444	2.99855	50.005	49.999	49.998	31.9	0.227	0.010063	15502	8.654	82.046	0.974
13.6359	2.98879	50.002	49.999	49.996	30.42	0.23	0.011179	15502	8.2	82.776	0.975
13.6707	3.00308	50	50.006	49.998	29.03	0.224	0.012419	15502	7.746	82.646	0.974
13.6547	3.00021	49.999	50.002	50.001	28.2	0.222	0.005411	15502	7.837	78.914	0.974

13.6707	2.99851	49.999	50	49.999	27.84	0.226	0.017372	15502	7.544	79.436	0.976
13.6446	2.99742	50	49.998	50.006	27.06	0.225	0.011352	15502	6.707	80.672	0.976
13.6696	2.99837	49.999	50	49.999	26.47	0.226	0.012612	15502	6.182	71.119	0.977
13.6625	2.99946	49.998	49.999	50.002	26.1	0.225	0.014011	15502	5.667	70.63	0.977
13.6995	3.00378	49.999	49.997	50.001	25.62	0.231	0.017641	15502	4.607	73.851	0.977
13.6727	2.99926	50	49.995	49.995	24.59	0.221	0.011528	15502	3.375	73.295	0.979
13.6699	3.00384	50.002	49.999	49.998	23.55	0.224	0.007534	15502	2.879	70.238	0.977
13.6767	3.00536	49.999	50.003	49.999	23	0.236	0.014228	15502	2.425	73.402	0.977
13.6739	2.99902	49.999	49.998	50.004	22.02	0.225	0.030454	15502	1.525	79.05	0.977
13.6837	3.00825	49.999	50.005	50	21.71	0.221	0.011707	15502	1.393	79.937	0.978
13.6596	3.00043	50.002	50.001	50.008	21.65	0.222	0.00765	15502	0.908	82.816	0.978
13.6956	3.00309	49.998	50.003	49.999	22.34	0.229	0.014448	15502	3.092	75.01	0.98
13.6864	3.0009	50.002	50.002	50.003	27.45	0.239	0.005554	15502	5.597	63.981	0.982
13.6758	3.00164	50.003	49.997	50.004	31.28	0.232	0.034356	15502	9.067	52.813	0.984
13.6704	2.9978	49.998	50	50.004	34.36	0.242	0.013207	15502	10.045	46.262	0.984
13.6621	3.00443	50.002	49.999	49.995	34.2	0.245	0.024943	15502	11.798	43.053	0.985
13.6776	3.00717	49.998	50.005	50.003	34.05	0.232	0.031404	15502	12.301	40.689	0.983
13.6596	2.99382	50	50	49.997	34.04	0.235	0.020523	15502	13.217	37.604	0.983
13.6811	3.00053	49.994	50	49.998	34.03	0.227	0.005259	15502	13.73	37.822	0.985
13.6907	3.0026	50.002	50	50	34.03	0.227	0.0488	15502	14.545	38.9	0.984
13.6564	2.99694	49.999	49.997	50	33.91	0.239	0.02126	15502	15.501	37.272	0.984
13.6606	2.99722	49.999	50	49.999	33.92	0.229	0.023619	15502	15.27	38.38	0.983
13.6696	2.99586	50.001	49.997	50.001	33.8	0.233	0.017493	15502	15.129	34.681	0.982
13.6786	3.00733	50.007	50	50	34.02	0.236	0.019434	15502	13.408	37.39	0.983
13.6502	3.00057	50.001	49.998	49.997	33.66	0.228	0.008467	15502	9.843	48.876	0.984
13.6806	2.99882	49.999	49.996	49.998	30.6	0.236	0.009406	15502	8.432	50.339	0.983
13.6733	2.99868	49.999	50.013	49.999	28.53	0.225	0.010449	15502	5.778	70.31	0.984
13.648	3.00165	49.999	49.999	49.994	26.78	0.233	0.019735	15502	3.819	75.634	0.984
13.6604	2.99608	50	49.998	49.999	25.55	0.231	0.014616	15502	2.89	81.285	0.983
13.6372	2.99487	50	49.997	49.996	24.4	0.235	0.009552	15502	1.939	85.793	0.984
13.6621	2.99464	49.999	49.999	50.002	23.55	0.226	0.012026	15502	1.171	86.324	0.984
13.6631	3.00248	49.999	49.995	49.999	23.12	0.237	0.007859	15502	2	79.301	0.983
13.6404	2.99613	50.002	50	49.999	23.03	0.235	0.008731	15502	3.132	74.572	0.983
13.6548	3.00062	49.998	50.002	50.002	22.97	0.239	0.016489	15502	2.708	76.842	0.983
13.6752	3.00641	49.993	49.998	49.996	23.03	0.238	0.012212	15502	2.061	79.265	0.984
13.6636	2.99871	50.002	49.996	50	24.01	0.24	0.023064	15502	3.516	74.353	0.986

13.6973	3.00261	50	50.004	50.003	29.65	0.235	0.025623	15502	7.766	62.917	0.986
13.6813	2.99835	50.001	50.001	50.001	34.43	0.238	0.018977	15502	9.531	55.97	0.987
13.6567	2.99467	50.002	49.997	49.997	34.06	0.234	0.03584	15502	12.15	57.581	0.987
13.6584	3.00029	49.999	50.001	49.998	34.04	0.239	0.039816	15502	12.633	53.322	0.988
13.6717	2.99847	50.005	49.999	50	34.03	0.243	0.029489	15502	14.374	48.223	0.986
13.6894	3.00706	50.006	50	50.002	34.04	0.227	0.019271	15502	14.012	46.537	0.985
13.6556	2.99956	49.999	50	49.997	34.01	0.235	0.021409	15502	15.119	41.328	0.986
13.6485	2.99519	49.999	49.995	50	33.96	0.224	0.026955	15502	16.788	35.922	0.985
13.6827	3.00135	49.994	50.002	50	33.69	0.233	0.011743	15502	17.23	35.628	0.986
13.6457	2.99854	49.996	50	49.999	33.84	0.226	0.022179	15502	17.973	35.123	0.985
13.6609	2.99518	50.001	50.003	49.997	33.97	0.241	0.008526	15502	17.702	36.62	0.984
13.643	2.9975	50.001	49.999	49.997	33.99	0.242	0.009472	15502	13.761	46.759	0.987
13.6665	2.99694	49.997	50	49.996	33.53	0.23	0.011925	15502	10.559	58.736	0.984
13.6642	3.0044	49.998	50.001	50.003	31.16	0.225	0.013248	15502	8.321	66.708	0.985
13.7115	3.00646	50.001	49.999	50.001	29.22	0.23	0.014718	15502	6.525	73.561	0.986
13.6735	3.00335	50.003	49.997	50	27.84	0.225	0.010901	15502	5.213	80.856	0.987
13.6907	3.00207	50.003	49.998	49.998	26.48	0.236	0.01211	15502	4.183	86.394	0.986
13.6837	2.9993	49.998	50.001	49.998	25.74	0.222	0.005276	15502	3.334	89.377	0.986
13.6867	3.00255	49.999	50	49.996	25.01	0.227	0.005861	15502	2.607	91.236	0.986
13.6485	2.9993	50.001	49.998	50.004	24.23	0.231	0.018818	15502	1.99	92.366	0.986
13.6614	2.9971	49.997	50	49.998	23.72	0.226	0.012298	15502	1.414	92.837	0.987
13.649	3.00009	49.998	49.996	49.998	23.07	0.229	0.015483	15502	1.222	93.619	0.986
13.6236	2.98689	50	49.999	50.005	23.02	0.24	0.017201	15502	0.979	93.949	0.986
13.6875	3.00201	50	49.998	50.004	23.79	0.24	0.01911	15502	3.718	92.205	0.987
13.6804	3.00544	50.001	50.002	50.004	30.45	0.226	0.02406	15502	7.383	72.524	0.987
13.7103	3.01183	50.003	49.998	49.997	34.04	0.242	0.015723	15502	11.334	61.002	0.989
13.6861	3.00907	49.997	50.002	49.997	34.21	0.236	0.010275	15502	12.774	52.399	0.987
13.7152	3.01271	49.995	49.998	50.004	34.14	0.226	0.012937	15502	14.686	42.549	0.987
13.6403	2.99685	50	49.998	50.001	34.13	0.235	0.014372	15502	15.581	41.183	0.986
13.6816	2.99915	50.001	50	50.002	34.04	0.243	0.030763	15502	16.446	39.83	0.986
13.7014	3.00206	50.001	50.003	50	34.04	0.23	0.006956	15502	17.431	38.939	0.984
13.6739	3.004	49.996	49.999	49.999	34.03	0.227	0.037967	15502	18.988	38.968	0.985
13.6571	2.99278	49.998	50.003	50.004	34.03	0.231	0.016541	15502	19.42	32.894	0.983
13.6565	2.99876	49.998	49.999	50	34.01	0.229	0.018376	15502	19.871	30.573	0.983
13.6528	2.9918	49.997	49.999	50.001	34.04	0.234	0.020415	15502	19.751	32.303	0.981
13.6262	2.9922	50.001	49.996	49.998	33.96	0.242	0.02268	15502	17.501	41.166	0.983

13.6698	2.99812	49.998	50.001	50	34.04	0.229	0.016797	15502	12.694	51.381	0.984
13.6763	2.99969	49.998	49.999	49.998	31.92	0.221	0.018661	15502	10.579	60.357	0.984
13.6606	2.99626	49.998	50	49.998	30.09	0.232	0.013821	15502	9.43	63.51	0.982
13.6513	2.99697	49.997	49.996	49.997	29.26	0.227	0.015354	15502	7.554	71.493	0.984
13.6795	3.00001	50	49.996	50.002	28.52	0.229	0.005902	15502	6.162	80.141	0.982
13.6712	3.00344	49.999	50.003	49.998	27.35	0.24	0.011147	15502	4.809	84.091	0.982
13.6785	3.00185	50	50	49.998	26.48	0.228	0.014035	15502	4.253	87.452	0.982
13.6769	2.99959	49.998	50.005	49.998	25.81	0.228	0.015592	15502	3.607	89.704	0.979
13.6784	2.99802	50	50	49.998	25.21	0.224	0.029446	15502	3.071	91.885	0.98
13.6763	3.00143	50.003	50.002	50.003	25.01	0.226	0.002611	15502	2.93	92.722	0.98
13.6619	3.00086	50.003	50.002	49.995	24.41	0.223	0.024228	15502	2.384	93.145	0.98
13.6564	2.99824	50.001	50.003	50.001	25.09	0.225	0.015833	15502	4.688	90.199	0.98
13.6637	3.00285	50	50	50.006	30.6	0.236	0.010347	15502	10.186	67.865	0.983
13.6874	3.00261	50.003	49.998	49.992	34.04	0.24	0.013027	15502	12.794	59.119	0.982
13.7188	3.0053	50	49.998	49.995	34.06	0.233	0.024604	15502	15.219	43.678	0.981
13.7053	3.00758	49.998	50.002	50.003	34.05	0.228	0.046466	15502	17.622	38.759	0.98
13.6946	3.0078	49.999	50.002	49.998	34.03	0.231	0.030366	15502	19.771	33.271	0.982
13.6918	3.00846	50	49.998	49.995	33.63	0.234	0.015634	15502	21.286	28.546	0.98
13.6595	3.00007	50.002	49.998	50.002	34.07	0.228	0.00601	15502	19.771	32.13	0.98
13.6718	3.00481	49.996	50	49.999	33.94	0.23	0.032801	15502	19.791	32.686	0.979
13.6686	3.00419	50.002	50.003	50.008	34.1	0.227	0.008406	15502	17.762	38.172	0.98
13.6869	3.00627	49.999	49.999	50	34.16	0.24	0.015876	15502	16.345	48.034	0.98
13.6773	3.0062	50	50.001	49.996	34.52	0.23	0.017637	15502	15.752	47.644	0.978
13.6919	3.0021	49.996	50.005	49.998	34.72	0.223	0.007684	15502	14.425	47.853	0.979
13.6554	2.99616	50.001	50.002	49.996	33.35	0.226	0.008536	15502	12.996	46.599	0.978
13.7099	3.00498	50.004	49.999	49.997	31.87	0.238	0.010748	15502	10.72	63.057	0.98
13.6868	3.00131	50.005	50.001	50.002	30.74	0.239	0.004132	15502	9.551	65.283	0.978
13.6709	2.99667	50.003	49.998	49.998	29.9	0.241	0.008843	15502	7.322	74.461	0.979
13.6901	3.00354	50.003	50.002	50.004	28.53	0.224	0.016701	15502	6.676	72.692	0.98
13.6355	2.99484	50.002	50.001	49.998	27.21	0.229	0.00642	15502	5.95	74.86	0.979
13.6869	3.0088	50.002	50.001	50	26.47	0.222	0.008083	15502	5.001	78.39	0.977
13.6725	2.99916	49.995	49.995	50.003	25.14	0.224	0.005282	15502	4.567	77.392	0.979
13.6336	2.99456	50	50.001	49.998	24.36	0.237	0.01696	15502	3.476	79.774	0.978
13.6649	3.00146	49.999	49.999	49.998	23.68	0.223	0.007389	15502	3.061	79.704	0.978
13.6656	2.99699	49.999	49.995	50.002	24.35	0.226	0.023723	15502	4.88	72.306	0.98
13.6658	2.99494	49.997	49.996	50.003	28.55	0.226	0.015503	15502	7.292	65.759	0.981

13.6713	3.00464	50.001	50.003	50.001	31.93	0.239	0.019519	15502	8.18	63.741	0.983
13.6903	3.0034	50.001	50.005	49.996	34.05	0.232	0.021684	15502	10.78	47.23	0.984
13.6631	2.99663	50	50.002	50.011	34.15	0.23	0.01606	15502	12.412	43.829	0.982
13.7006	3.00414	50	50	49.998	34.1	0.233	0.030331	15502	13.64	38.87	0.983
13.6426	2.99609	50.001	50.007	49.998	34.31	0.226	0.022464	15502	12.754	44.986	0.983
13.6735	2.99549	50.004	50.001	50	33.99	0.236	0.016637	15502	13.68	38.743	0.983
13.6398	2.99542	50	50.001	50.001	33.99	0.243	0.031422	15502	13.901	42.717	0.981
13.6793	3.00477	50.002	49.999	50.006	34.05	0.233	0.020534	15502	13.71	40.29	0.984
13.6719	3.00319	50.003	50.005	50.002	33.99	0.235	0.015208	15502	13.569	42.55	0.983
13.6545	2.99544	50	49.997	49.998	33.88	0.239	0.016895	15502	12.432	47.879	0.985
13.6966	3.00345	50	50.005	50.003	34.04	0.24	0.012513	15502	11.334	50.611	0.983
13.6846	3.00098	50.003	49.999	49.997	32.97	0.232	0.008177	15502	9.127	56.91	0.986
13.6961	3.00168	50.006	50	49.997	29.73	0.233	0.009084	15502	7.201	64.757	0.984
13.6614	3.00066	49.998	50.002	49.997	27.81	0.24	0.011438	15502	5.687	69.69	0.983
13.6997	3.0066	49.993	50.003	50	26.19	0.232	0.012707	15502	3.839	80.188	0.985
13.6805	3.00501	49.997	50.004	49.996	25.09	0.224	0.014117	15502	2.687	84.215	0.986
13.6959	3.00201	49.999	49.994	49.997	24.4	0.231	0.015683	15502	2.202	88.4	0.985
13.6623	2.99597	50.003	49.997	50.001	23.72	0.233	0.019746	15502	1.454	89.099	0.985
13.7079	3.00794	49.997	50.004	49.996	23.1	0.225	0.021936	15502	1.252	91.633	0.986
13.6505	2.99281	50.003	50	49.997	22.84	0.227	0.014335	15502	0.696	92.642	0.986
13.665	2.99795	50.003	50.003	50.001	22.34	0.225	0.010617	15502	0.342	93.218	0.986
13.6889	3.00003	50.002	49.997	50	22.22	0.227	0.020051	15502	0.129	93.652	0.985
13.7036	3.00623	49.999	50.002	50.001	23.72	0.228	0.022276	15502	3.455	89.152	0.986
13.6562	2.99355	50	50.004	50	30.39	0.233	0.014557	15502	8.331	68.653	0.989
13.6655	2.99861	49.999	49.998	50.006	34.03	0.233	0.006342	15502	12.825	55.816	0.99
13.6657	2.99913	50.002	50.002	50.002	34.18	0.232	0.007046	15502	15.451	50.27	0.991
13.6727	3.00728	49.999	50.008	50.001	34.05	0.244	0.025637	15502	17.039	40.62	0.99
13.7182	3.00909	50.001	49.996	49.995	34.04	0.239	0.028481	15502	19.369	34.881	0.99
13.7037	3.00383	50.002	49.996	49.997	34.04	0.238	0.021094	15502	19.63	30.483	0.987
13.636	2.9977	49.999	50	49.999	33.97	0.227	0.039838	15502	20.022	28.833	0.989
13.7223	3.00917	49.998	49.998	50.003	34.04	0.239	0.044258	15502	20.885	31.568	0.986
13.683	3.00532	50	49.998	50.003	34.04	0.23	0.083586	15502	19.711	28.596	0.985
13.6854	3.00858	49.997	50	50.001	34.05	0.23	0.032131	15502	19.942	29.389	0.987
13.6733	3.00388	50.002	49.999	50.001	34.04	0.233	0.020997	15502	19.56	27.667	0.984
13.6647	3.00074	49.999	50.002	49.998	34.12	0.226	0.194829	15502	17.762	47.229	0.987
13.6456	2.99137	50.002	50.007	49.999	34.71	0.226	0.010163	15502	14.495	56.035	0.986

13.6652	2.99582	50.003	50.003	50	35.38	0.233	0.01129	15502	12.955	67.991	0.986
13.6797	2.99836	50.002	50.004	50.003	34.73	0.232	0.024166	15502	12.412	71.358	0.987
13.6645	2.99707	50	50.003	50.004	34.14	0.227	0.00929	15502	11.707	72.389	0.987
13.6476	2.99336	50	50.002	50	33.66	0.227	0.019883	15502	11.344	79.81	0.987
13.6759	2.99966	50.001	50.002	49.999	33.04	0.232	0.022089	15502	10.065	82.9	0.987
13.674	3.00457	49.997	49.999	49.999	31.74	0.24	0.02454	15502	8.664	84.434	0.985
13.6728	2.99916	49.998	50.003	50	30.2	0.235	0.018175	15502	7.433	90.157	0.986
13.6776	3.00548	49.997	49.999	50.002	29.19	0.222	0.020191	15502	6.555	92.221	0.985
13.6738	2.99815	49.996	49.995	50.001	28.12	0.227	0.022431	15502	5.839	93.193	0.985
13.6859	3.00802	49.997	50.003	49.999	27.32	0.231	0.02492	15502	5.183	93.633	0.983
13.6486	2.99509	49.993	49.999	49.999	28.43	0.232	0.018456	15502	7.897	92.242	0.984
13.6543	2.99797	50	49.999	49.993	33.43	0.229	0.020504	15502	14.344	53.749	0.985
13.6586	2.99675	49.998	49.999	49.997	34.03	0.229	0.015186	15502	16.908	45.489	0.987
13.6768	2.99773	50.005	49.998	49.998	34.09	0.229	0.009924	15502	21.016	33.419	0.985
13.6435	2.99928	50	49.999	50	34.04	0.237	0.011025	15502	21.698	27.266	0.986
13.6917	3.00364	50.001	49.998	49.996	34.07	0.228	0.020822	15502	22.791	26.24	0.984
13.6577	2.99952	50	49.999	50.004	33.97	0.223	0.026216	15502	23.483	24.958	0.984
13.6485	2.99605	49.999	49.997	50	33.99	0.227	0.029124	15502	24.715	23.374	0.983
13.6459	2.99894	50.002	50.001	50.002	34.03	0.23	0.032355	15502	24.786	23.452	0.983
13.6688	2.99638	50.004	50.001	50.001	33.87	0.237	0.021144	15502	24.445	21.819	0.983
13.6635	2.99934	49.998	50.004	50	34.02	0.226	0.02349	15502	24.495	23.213	0.981
13.7013	3.00704	49.999	49.996	49.996	33.94	0.22	0.017397	15502	23.252	25.231	0.981
13.6529	2.99226	49.999	49.998	50.003	33.81	0.228	0.011369	15502	23.292	27.029	0.982
13.6656	3.0001	49.999	50.005	49.999	33.98	0.228	0.036502	15502	19.229	44.604	0.983
13.6848	3.00657	50.003	50.002	49.998	34.67	0.235	0.009354	15502	15.43	59.447	0.982
13.6818	3.00934	50	50.001	50	34.72	0.229	0.006113	15502	13.891	67.389	0.982
13.6705	2.9982	49.997	49.999	49.999	34.72	0.235	0.022244	15502	13.237	69.465	0.982
13.6723	3.00122	50.003	49.999	50	34.32	0.229	0.042009	15502	13.761	63.915	0.982
13.7053	3.005	50.004	49.999	50.004	34.37	0.237	0.027453	15502	15.863	49.295	0.981
13.6563	3.00164	50.004	50	49.999	34.58	0.237	0.034565	15502	15.491	56.634	0.983
13.6651	2.9956	50.002	49.999	49.999	34.79	0.238	0.013287	15502	14.083	63.486	0.982
13.6757	3.00396	50	50	49.999	34.91	0.239	0.014761	15502	14.555	60.449	0.983
13.6635	2.99794	50.001	50	50.001	34.72	0.234	0.018585	15502	14.042	62.65	0.983
13.6974	3.01213	49.999	50.003	49.998	34.72	0.234	0.0351	15502	13.116	70.04	0.981
13.6836	3.00426	50.001	49.994	49.997	34.45	0.23	0.038995	15502	15.672	58.245	0.982
13.6977	3.00525	50.001	49.998	50	34.04	0.225	0.049097	15502	17.2	54.494	0.981

13.673	3.00381	49.999	50.003	49.998	34.03	0.234	0.032085	15502	18.365	50.41	0.983
13.6575	3.00102	50.002	49.999	50.001	33.92	0.227	0.020967	15502	20.092	43.988	0.983
13.6964	3.00679	50	50.002	50.001	34.04	0.227	0.013702	15502	20.995	43.436	0.981
13.6689	2.99578	49.998	49.999	50.003	33.81	0.229	0.025877	15502	23.212	39.546	0.982
13.6616	3.00083	49.999	49.997	50.001	33.55	0.23	0.048872	15502	27.669	30.488	0.982
13.6952	3.00683	49.998	50.003	50.001	33.94	0.227	0.054294	15502	26.738	31.652	0.981
13.6519	3.0015	50.001	49.999	49.998	33.66	0.224	0.031307	15502	27.229	31.553	0.979
13.684	3.00087	49.998	50.002	50	33.63	0.238	0.03478	15502	26.889	33.639	0.98
13.6467	2.99685	49.999	49.998	49.998	33.52	0.224	0.022729	15502	26.668	30.831	0.979
13.6996	3.00793	50	50.001	49.994	33.69	0.226	0.014853	15502	25.066	38.243	0.978
13.6664	2.99478	50.002	49.997	50	33.89	0.233	0.028051	15502	19.831	70.063	0.979
13.6581	2.9998	50.002	50.001	50.002	34.03	0.23	0.010783	15502	19.088	72.947	0.981
13.6615	2.99915	49.998	50.003	50	34.02	0.232	0.01198	15502	19.681	61.189	0.98
13.6832	3.00244	50.002	50.001	50.001	34.03	0.23	0.065385	15502	21.818	49.31	0.98
13.6712	2.99921	49.998	50.003	50.005	33.96	0.237	0.025135	15502	20.454	51.852	0.981
13.6573	2.99216	50.002	50	50	34.08	0.222	0.027923	15502	19.359	52.703	0.983
13.6932	2.99455	49.998	50.002	50.001	34.03	0.236	0.016101	15502	19.53	50.408	0.98
13.6897	3.00192	50	49.997	49.998	34.05	0.223	0.034462	15502	19.952	48.655	0.98
13.6516	2.99911	50.003	49.993	49.997	34.03	0.232	0.013248	15502	18.446	67.65	0.983
13.6728	3.00047	50.002	49.999	50.001	34.35	0.24	0.012986	15502	16.818	76.993	0.982
13.6643	3.00196	49.998	49.999	49.996	34.03	0.225	0.041693	15502	16.948	78.42	0.981
13.6489	2.9973	50.002	49.998	49.998	34.68	0.232	0.010685	15502	15.491	88.533	0.983
13.6819	2.99925	50.001	49.998	50	34.14	0.227	0.006982	15502	15.39	89.296	0.983
13.6442	2.99765	50.003	49.998	49.997	34.31	0.226	0.013187	15502	15.823	88.007	0.985
13.6899	3.00297	49.998	49.999	50.001	34.17	0.232	0.024905	15502	16.496	84.948	0.985
13.7027	3.00569	49.993	50	49.999	34.03	0.239	0.047036	15502	18.305	80.404	0.985
13.6825	3.00654	49.994	50	49.998	33.11	0.241	0.021321	15502	20.504	71.934	0.985
13.6687	3.00013	50.001	49.999	49.995	33.81	0.244	0.023686	15502	20.694	72.686	0.988
13.6736	2.99821	50.006	50	50.004	33.79	0.224	0.015479	15502	23.994	61.135	0.986
13.6533	2.99855	49.998	50	50.002	34.03	0.228	0.017196	15502	24.565	59.799	0.987
13.6774	3.00385	49.997	49.996	50.002	34.04	0.232	0.00661	15502	24.515	54.737	0.986
13.7127	3.01232	49.999	50.002	50	34.04	0.223	0.011016	15502	24.816	53.617	0.988
13.6568	2.99586	49.999	49.997	49.999	34.03	0.238	0.012238	15502	24.826	52.322	0.987
13.6749	2.99846	50.002	50.004	50	34.03	0.233	0.023112	15502	24.305	50.626	0.985
13.6429	2.99706	49.999	50.001	50.007	34.08	0.233	0.015104	15502	22.54	54.207	0.985
13.6594	3.0001	50.002	50	49.999	34.04	0.237	0.016779	15502	20.594	68.63	0.987

13.6845	2.999	50.004	50.002	49.996	34.13	0.238	0.010965	15502	18.184	72.99	0.989
13.6681	2.99823	50	49.998	49.996	34.61	0.24	0.020709	15502	16.858	74.526	0.989
13.6916	3.00213	50.003	50.004	50.001	34.77	0.24	0.004683	15502	16.134	77.266	0.989
13.6297	2.99458	49.999	50.002	50.001	33.75	0.23	0.008844	15502	14.062	89.034	0.987
13.6311	2.98763	50	50.002	49.998	33.29	0.242	0.009825	15502	13.449	86.375	0.989
13.663	3.00391	50	50.003	49.995	32.81	0.237	0.009631	15502	13.781	84.29	0.986
13.6944	3.01226	50.004	49.996	49.992	32.49	0.232	0.010699	15502	11.717	90.831	0.99
13.6754	3.00156	50.002	49.999	49.995	30.5	0.236	0.006992	15502	10.71	95.274	0.989
13.6217	2.98313	50.002	50.003	50.001	29.33	0.225	0.013205	15502	10.921	96.287	0.987
13.6616	2.99781	49.998	50.004	50.001	29.84	0.24	0.01467	15502	10.911	96.078	0.989
13.6503	3.00055	49.999	50.002	50.001	29.91	0.234	0.016298	15502	11.606	96.395	0.989
13.6996	3.00677	49.998	49.998	50	30.88	0.232	0.006265	15502	12.241	96.135	0.989
13.6586	2.99573	49.999	49.999	50.001	32.73	0.226	0.011832	15502	13.428	95.83	0.987
13.6686	3.00317	50.003	49.999	50	34.71	0.24	0.013145	15502	14.274	94.89	0.99
13.6759	2.99737	49.998	50.006	50.001	34.13	0.226	0.00859	15502	15.622	91.927	0.989
13.6822	3.00669	50	50.003	50	33.83	0.239	0.005614	15502	17.32	88.231	0.991
13.6607	2.99854	50.003	50	50.004	34.01	0.236	0.034724	15502	18.225	86.708	0.99
13.6604	3.00176	50	50.001	50.002	33.97	0.24	0.022692	15502	20.032	81.852	0.99
13.6603	3.00034	50	50.002	50.005	33.93	0.235	0.008723	15502	20.403	77.368	0.989
13.7001	3.00153	49.997	49.989	49.998	33.95	0.228	0.009691	15502	21.517	75.27	0.99
13.674	2.99728	50.003	50.001	49.994	33.96	0.227	0.012201	15502	19.52	75.807	0.987
13.715	3.00774	50	50.002	50.003	34.02	0.24	0.007974	15502	18.275	77.87	0.989
13.641	2.9943	50	49.999	50.003	34.07	0.228	0.0256	15502	16.164	82.395	0.989
13.6515	2.99274	50.006	49.997	50.005	34.48	0.242	0.009841	15502	14.304	85.347	0.99
13.6631	2.99543	49.999	49.997	49.999	33.35	0.226	0.010933	15502	12.774	87.961	0.99
13.6865	3.00063	50.005	49.997	50.001	32.35	0.233	0.012146	15502	12.09	91.281	0.99
13.7003	3.0056	50.001	49.999	50	32.05	0.226	0.007937	15502	12.13	92.848	0.989
13.6499	3.00112	50.001	50.006	50.007	32.64	0.227	0.008818	15502	12.392	94.19	0.989
13.6567	2.99602	49.999	50.003	49.998	32.67	0.242	0.011102	15502	12.472	94.66	0.99
13.6749	3	50	50.001	50.001	32.73	0.228	0.007255	15502	12.553	93.523	0.989
13.6958	3.00925	50.005	50.003	50	32.77	0.229	0.013702	15502	11.787	94.304	0.987
13.6812	3.00672	49.998	50.002	50	32.03	0.23	0.025878	15502	11.485	95.801	0.987
13.6536	2.99998	50.003	50.001	50	31.97	0.226	0.016911	15502	11.485	96.196	0.986
13.6818	3.00025	49.999	50.003	49.997	31.95	0.24	0.011051	15502	11.435	96.637	0.986
13.6357	2.99142	50.001	49.997	49.998	32.14	0.228	0.013914	15502	11.908	97.16	0.99
13.6955	3.00978	50	50.003	50.002	33.34	0.23	0.015458	15502	13.157	97.284	0.989

13.6598	3.0012	50.004	50.008	50.003	34.06	0.228	0.010102	15502	14.988	97.085	0.989
13.6672	3.00406	49.998	50.001	50.003	33.6	0.23	0.012719	15502	16.838	95.93	0.989
13.6681	3.00472	49.999	50.002	50	33.71	0.232	0.01413	15502	21.447	77.69	0.99
13.6793	2.9959	49.998	49.995	50.006	33.76	0.228	0.026686	15502	25.747	55.507	0.989
13.6888	3.009	50.001	49.998	50.001	33.68	0.225	0.017439	15502	27.369	45.101	0.988
13.6523	2.99603	50	50	49.998	33.88	0.24	0.007597	15502	28.33	40.321	0.986
13.6718	3.00172	50.002	50.004	50	33.95	0.224	0.041467	15502	28.23	38.7	0.986
13.6602	3.00048	49.999	50.003	50.003	33.97	0.225	0.040648	15502	29.2	31.971	0.985
13.643	2.99044	50.002	50.002	50.002	33.84	0.225	0.017709	15502	28.74	31.218	0.986
13.6925	3.00414	49.998	49.999	49.994	33.67	0.233	0.019674	15502	28.73	34.087	0.984
13.6528	2.99893	50.001	50.001	49.998	33.69	0.227	0.10738	15502	27.479	36.138	0.983
13.6742	2.99702	50.001	49.998	50	34	0.226	0.024281	15502	22.681	59.206	0.982
13.6811	3.00629	49.997	49.999	49.995	34.06	0.229	0.015868	15502	18.606	75.729	0.985
13.6865	2.99877	50.001	50	49.998	34.34	0.226	0.029967	15502	17.089	80.088	0.985
13.6731	3.00199	49.998	49.999	50	34.72	0.234	0.022195	15502	15.883	84.465	0.984
13.6951	3.00352	50.002	49.997	49.997	34.33	0.229	0.005019	15502	15.31	89.368	0.984
13.6632	3.00189	49.998	50.002	50	34.84	0.23	0.027393	15502	14.867	90.264	0.986
13.663	2.9965	49.998	50.001	50.007	35.44	0.238	0.01053	15502	14.314	91.209	0.984
13.6545	2.998	49.997	50	50.002	35.34	0.227	0.019887	15502	13.992	93.012	0.985
13.7098	3.00554	50	50.006	50.004	35.02	0.234	0.022093	15502	13.7	93.263	0.984
13.693	3.00516	50.003	50.002	50.003	34.78	0.227	0.014438	15502	13.428	93.453	0.984
13.6711	2.99635	50.009	49.996	50	34.72	0.241	0.018178	15502	13.479	94.159	0.984
13.6729	2.9965	50.005	50.002	50.001	34.11	0.23	0.020195	15502	16.717	86.613	0.985
13.6849	3.00424	50.003	49.999	49.998	33.94	0.232	0.022435	15502	22.079	59.988	0.985
13.6856	2.99816	50.002	49.994	49.998	33.82	0.229	0.024924	15502	23.172	54.391	0.985
13.6948	3.00208	50.001	50.001	50.002	33.84	0.237	0.047072	15502	25.246	45.777	0.984
13.689	3.00483	50	50.003	49.997	33.88	0.237	0.018095	15502	27.219	35.487	0.983
13.671	2.99451	50	50.009	50.001	33.7	0.235	0.058096	15502	27.869	34.955	0.983
13.6865	3.00344	50.001	50.008	50.004	33.67	0.228	0.064542	15502	28.94	32.977	0.983
13.6866	3.00069	50.004	49.999	50.001	33.46	0.223	0.02481	15502	28.32	33.628	0.981
13.6873	3.00009	50.001	49.998	49.999	33.68	0.226	0.027563	15502	29.18	33.21	0.981
13.6267	2.99373	49.998	50.002	49.997	33.88	0.225	0.030621	15502	30.11	33.01	0.982
13.6763	2.99404	49.999	50.001	49.999	33.98	0.223	0.020011	15502	29.82	35.277	0.979
13.6604	2.99697	50.001	50.004	50.002	33.68	0.235	0.037792	15502	28.18	38.799	0.978
13.6697	2.99882	50.001	49.999	49.999	33.54	0.239	0.014528	15502	21.156	69.071	0.981
13.6945	3.00449	49.999	50.002	49.999	34.01	0.229	0.009494	15502	18.586	85.509	0.98

13.6327	2.99153	49.996	50.002	50.004	34.77	0.224	0.01793	15502	18.767	89.269	0.983
13.6604	3.00101	49.995	50.002	50.003	33.9	0.224	0.019919	15502	19.118	87.21	0.981
13.6779	3.0042	49.997	50.002	50.003	34.01	0.23	0.033193	15502	18.908	84.504	0.983
13.6897	3.0027	50	50.003	50.003	34.06	0.229	0.007506	15502	18.707	84.087	0.982
13.6889	3.01141	50.004	49.997	50	34	0.238	0.014175	15502	18.265	86.934	0.982
13.682	2.99757	49.998	50.003	49.999	33.88	0.23	0.005449	15502	19.57	80.371	0.981
13.6601	2.99215	50.004	50.002	49.999	34.04	0.226	0.017495	15502	18.255	89.166	0.981
13.6598	2.99276	50.005	50.001	50.003	33.99	0.236	0.011433	15502	18.104	90.575	0.983
13.6528	2.99532	50	50.006	50.001	34.03	0.228	0.012701	15502	17.903	90.617	0.982
13.6651	2.99605	49.998	49.998	49.998	34.04	0.23	0.023988	15502	17.481	91.706	0.981
13.6701	3.00454	50.001	49.999	50.004	33.96	0.239	0.009221	15502	18.677	88.371	0.982
13.6479	2.9975	50.003	49.997	49.997	33.58	0.232	0.029606	15502	20.875	80.757	0.982
13.6366	2.99356	49.995	50	49.998	33.54	0.236	0.03289	15502	22.049	76.642	0.983
13.6952	2.99824	50.003	50.002	50	33.88	0.23	0.012643	15502	21.939	79.452	0.982
13.6554	2.99482	50	49.995	49.997	33.68	0.238	0.023878	15502	24.455	69.473	0.981
13.6687	2.99902	49.996	49.997	50	34.02	0.232	0.009179	15502	25.777	62.559	0.983
13.6697	2.99571	49.994	50.002	50.003	33.99	0.227	0.019647	15502	25.987	59.227	0.981
13.6756	2.99776	49.995	49.999	49.997	33.96	0.241	0.007552	15502	25.367	64.428	0.981
13.6499	2.99985	49.996	50.006	50.004	33.85	0.237	0.016165	15502	23.653	73.532	0.982
13.6939	3.00295	49.999	50.002	50.001	34.13	0.236	0.017959	15502	18.887	88.992	0.983
13.6713	3.00409	50	49.996	50	34.04	0.228	0.006904	15502	19.229	90.485	0.981
13.6417	2.99827	49.998	50.01	50.001	34.08	0.226	0.007669	15502	18.827	92.774	0.982
13.6619	2.99592	50.001	50.001	49.998	34.1	0.227	0.014484	15502	18.566	93.68	0.982
13.6712	2.99599	49.997	49.997	50	33.94	0.225	0.009466	15502	18.044	94.944	0.982
13.6496	2.99734	50.001	50.002	50.001	34.72	0.226	0.017877	15502	17.692	95.505	0.983
13.6564	2.9975	50.002	50	50.002	34.72	0.226	0.011682	15502	17.391	95.533	0.982
13.68	3.00472	50.002	49.999	49.997	34.51	0.228	0.022063	15502	17.27	95.917	0.981
13.6486	2.99578	50	49.998	49.997	34.23	0.227	0.014418	15502	17.3	96.055	0.981
13.6697	2.99711	50.002	49.999	50.003	34.82	0.227	0.009422	15502	17.059	96.206	0.983
13.6794	3.00531	50.002	49.999	49.996	35.09	0.234	0.006157	15502	16.959	96.332	0.982
13.6926	3.00145	50.001	49.998	49.994	34.08	0.233	0.011629	15502	16.898	96.42	0.981
13.6572	2.99775	50.002	49.999	49.997	34.44	0.229	0.007599	15502	16.838	96.361	0.984
13.7021	3.00224	50.004	49.999	49.991	34.24	0.225	0.008442	15502	16.637	96.112	0.984
13.6371	2.99603	50	50.003	50.007	34.57	0.224	0.009379	15502	16.466	95.699	0.983
13.6646	3.00347	50.004	49.999	49.989	34.1	0.226	0.006946	15502	16.255	93.542	0.985
13.6557	3.0028	50.002	50.002	49.997	34.04	0.233	0.013119	15502	17.371	90.759	0.984

13.647	2.99139	50.001	50	50.001	33.93	0.232	0.014574	15502	18.385	87.825	0.983
13.6863	3.0074	50	50.001	49.996	33.58	0.232	0.016191	15502	19.55	81.109	0.983
13.6898	3.0094	50.003	50.003	50.004	33.77	0.241	0.030579	15502	22.631	71.505	0.983
13.6782	3.00541	49.998	49.998	49.998	33.93	0.23	0.033972	15502	24.124	63.929	0.984
13.6714	2.99998	50.004	49.996	50	34.03	0.23	0.008706	15502	20.845	80.003	0.985
13.6468	2.99386	50.002	50.001	49.999	33.87	0.229	0.016442	15502	21.357	77.114	0.986
13.6648	2.99848	49.999	49.996	49.999	33.83	0.237	0.018266	15502	21.146	75.976	0.985
13.6645	2.99637	49.999	49.997	50	33.82	0.234	0.020293	15502	21.517	74.213	0.983
13.6323	2.99477	50.004	50.001	49.996	33.77	0.229	0.022544	15502	20.745	76.563	0.984
13.6828	3.00057	49.996	50.006	50.004	33.81	0.24	0.014732	15502	18.456	76.889	0.983
13.6821	3.00596	49.998	50.001	50	34.03	0.23	0.009628	15502	16.255	78.53	0.985
13.6457	2.99074	49.999	50	49.999	34.13	0.225	0.018183	15502	14.163	79.855	0.985
13.6693	3.00331	49.997	50	49.999	33.33	0.229	0.00466	15502	13.036	83.08	0.985
13.666	2.99537	50.003	49.997	49.998	32.49	0.24	0.005177	15502	12.19	80.935	0.986
13.6902	3.00266	49.999	50	50.003	31.97	0.227	0.009777	15502	11.888	81.432	0.983
13.6805	3.00385	50.003	49.998	49.999	31.97	0.226	0.004259	15502	11.798	82.433	0.984
13.6708	3.00041	50	50.002	50	31.97	0.224	0.008044	15502	11.697	85.248	0.986
13.6605	2.99681	50.001	49.997	49.995	31.82	0.229	0.005257	15502	11.082	90.024	0.983
13.679	2.99757	50.001	50.003	50.002	31.83	0.233	0.00584	15502	11.405	91.256	0.982
13.6689	2.99733	49.999	50.001	50.002	31.97	0.241	0.006488	15502	11.546	92.625	0.983
13.6721	3.00266	49.998	49.999	50.001	31.9	0.23	0.012253	15502	11.385	93.683	0.982
13.6784	3.00011	50	49.998	49.996	31.61	0.236	0.008007	15502	11.264	94.459	0.983
13.6677	2.99574	49.997	49.997	49.997	31.87	0.232	0.010082	15502	11.284	94.971	0.984
13.6837	2.9993	50.006	49.998	49.998	32.06	0.233	0.003876	15502	10.951	94.796	0.983
13.6669	3.00222	50	50.004	50.003	31.97	0.23	0.007319	15502	10.881	94.101	0.984
13.6861	3.00116	49.997	50.005	49.999	32.11	0.24	0.008131	15502	10.992	93.749	0.984
13.6467	2.99772	49.998	50.002	50.004	33.12	0.239	0.009034	15502	11.646	93.066	0.984
13.6732	3.00091	50.003	50.001	50	34.02	0.227	0.017061	15502	11.949	91.708	0.983
13.7052	3.00441	49.999	50.002	50.001	33.62	0.234	0.018954	15502	14.626	86.445	0.982
13.6656	3.00027	50.002	50.001	50.003	33.65	0.233	0.007286	15502	16.546	84.278	0.982
13.6589	3.00078	50	50	49.998	33.93	0.232	0.004761	15502	17.119	82.685	0.982
13.6536	2.99479	49.997	49.998	50.001	33.81	0.232	0.025988	15502	18.687	79.202	0.983
13.6727	2.99964	49.999	50	49.999	33.93	0.243	0.005876	15502	18.928	79.77	0.982
13.6712	2.998	50	50.002	49.997	33.99	0.229	0.00384	15502	18.174	83.445	0.982
13.6897	3.00008	49.998	50	50	34.04	0.235	0.018494	15502	17.2	85.088	0.981
13.6625	3.00163	49.998	49.997	50.001	34.03	0.226	0.007109	15502	15.973	87.006	0.982

13.6474	2.99835	49.998	49.999	49.998	34.28	0.229	0.004646	15502	15.239	87.677	0.982
13.6855	3.00213	50	50.001	49.996	33.6	0.226	0.008774	15502	13.74	92.88	0.982
13.6827	3.01022	49.999	50.004	50	33.31	0.238	0.005734	15502	13.026	93.563	0.98
13.6931	3.0112	49.997	49.998	49.999	32.6	0.241	0.007219	15502	12.331	92.857	0.98
13.6479	2.99792	50.001	50.003	50.001	32.26	0.238	0.00802	15502	12.11	93.835	0.98
13.6916	3.00951	49.999	49.998	50.002	32.36	0.228	0.015147	15502	12.22	94.634	0.979
13.6387	2.99718	50.002	49.998	49.999	32.66	0.229	0.009899	15502	12.774	95.593	0.978
13.6766	3.00262	49.995	50	50.006	33.46	0.227	0.010997	15502	16.516	94.493	0.977
13.6623	2.99537	49.996	50	50	34.05	0.224	0.012217	15502	17.029	91.908	0.979
13.6766	2.99847	50.001	49.998	49.999	34.58	0.229	0.023073	15502	17.823	91.172	0.978
13.6598	2.99888	50	50	50.001	34.95	0.222	0.015078	15502	17.863	92.21	0.98
13.6914	3.00648	49.997	49.997	49.998	34.52	0.228	0.008694	15502	17.652	89.626	0.98
13.6968	3.00426	49.997	49.993	49.999	34.08	0.223	0.009659	15502	17.833	89.531	0.979
13.6804	2.99997	50.005	50	50.002	34.04	0.228	0.003713	15502	17.903	87.851	0.977
13.6934	3.00148	50.003	50.002	50	33.87	0.228	0.020265	15502	17.983	87.299	0.977
13.6712	3.00746	50.001	50	49.999	33.91	0.228	0.00779	15502	18.375	84.381	0.978
13.7284	3.01793	50.004	50	50.003	33.72	0.238	0.022069	15502	19.811	81.064	0.978
13.7023	3.00412	49.999	49.996	49.996	34.03	0.24	0.041679	15502	17.823	89.994	0.976
13.7042	3.00368	50	50	49.999	33.53	0.237	0.005544	15502	19.691	72.492	0.977
13.6444	2.99185	49.991	50.001	50.003	33.45	0.226	0.017799	15502	20.313	57.481	0.978
13.6477	2.99675	50.003	50.002	50	33.48	0.225	0.011632	15502	19.651	53.642	0.977
13.6773	2.99997	49.997	50.001	50.003	33.93	0.225	0.012922	15502	17.813	57.435	0.978
13.6479	2.99768	50	49.999	50.002	34.72	0.237	0.024405	15502	15.933	65.085	0.979
13.6812	3.00119	49.996	50.002	49.998	32.85	0.221	0.015948	15502	13.157	68.522	0.98
13.6598	2.99454	50.002	50.001	50	31.32	0.226	0.017718	15502	12.432	67.787	0.981
13.6725	3.00069	50.002	49.999	49.999	30.96	0.226	0.007719	15502	12.14	70.017	0.981
13.7	3.01275	49.999	49.999	50.003	30.6	0.231	0.005044	15502	11.616	65.482	0.979
13.6925	3.00311	49.999	50.002	50	29.94	0.224	0.018355	15502	11.284	67.192	0.98
13.6802	3.00707	50.001	50.001	49.997	29.67	0.228	0.004704	15502	11.072	64.326	0.982
13.6582	3.00025	50.006	49.998	49.998	29.26	0.227	0.015102	15502	10.79	67.84	0.979
13.6703	2.99768	50.002	49.999	49.997	28.64	0.231	0.011185	15502	10.075	69.277	0.982
13.6701	3.00623	50.001	50.002	50	28.47	0.222	0.021124	15502	9.793	68.388	0.981
13.6749	3.00466	49.998	49.997	50	27.94	0.224	0.026597	15502	9.561	68.859	0.981
13.6571	3.0008	49.996	50.003	50	27.66	0.224	0.029548	15502	8.785	70.894	0.982
13.6753	2.9996	49.995	49.998	49.998	27.18	0.239	0.032826	15502	8.301	67.03	0.984
13.6692	2.99366	50	49.999	50.002	27.14	0.235	0.008412	15502	8.462	68.06	0.983

13.679	2.99975	49.999	50.005	50.007	27.64	0.239	0.018006	15502	8.623	67.197	0.983
13.6994	2.99844	50.001	49.998	50.002	28.91	0.224	0.034006	15502	9.359	64.779	0.986
13.6652	2.99468	50.001	49.997	49.999	29.91	0.222	0.00769	15502	10.417	64.657	0.985
13.6958	3.00598	49.999	50	49.998	32.88	0.227	0.016459	15502	11.002	61.914	0.987
13.6658	2.99342	49.998	50	50.001	33.35	0.233	0.018285	15502	11.999	61.909	0.989
13.7037	3.00835	49.998	49.999	50.005	34.03	0.23	0.013542	15502	12.14	58.167	0.987
13.6649	2.99711	50	50.011	50	34.31	0.23	0.005206	15502	13.197	54.583	0.989
13.6742	2.99844	50.007	49.991	50	34.04	0.229	0.018942	15502	13.992	52.939	0.99
13.6975	3.01015	49.999	49.998	49.999	33.87	0.231	0.021044	15502	14.716	48.33	0.989
13.6568	3.0032	50.002	50.003	50	33.72	0.226	0.013752	15502	14.968	48.238	0.989
13.676	2.99752	49.996	50	49.997	33.7	0.227	0.017315	15502	14.405	49.197	0.991
13.6635	3.00153	49.999	49.996	49.995	34.72	0.226	0.012824	15502	11.798	57.732	0.992
13.6557	2.99994	50	50.003	49.997	31.99	0.232	0.014246	15502	9.611	68.836	0.992
13.6894	3.00873	50	49.995	50.003	29.91	0.24	0.015827	15502	8.522	72.206	0.991
13.695	3.00291	49.999	49.998	50.001	28.53	0.24	0.006084	15502	7.363	77.357	0.993
13.6681	2.99899	50.003	50	50.003	27.23	0.232	0.013022	15502	6.606	78.448	0.993
13.6556	3.00272	50.004	50.002	49.996	26.51	0.229	0.00851	15502	5.597	82.006	0.994
13.6435	2.99686	49.998	50.003	49.997	25.9	0.233	0.018215	15502	5.162	82.186	0.994
13.6761	3.00407	50	49.998	49.999	25.78	0.237	0.020236	15502	4.88	81.3	0.992
13.6718	3.00629	50.005	49.999	50.005	25.51	0.244	0.008816	15502	5.172	79.295	0.995
13.6815	3.00589	50.001	49.998	50.001	25.09	0.231	0.01665	15502	4.789	80.522	0.994
13.6694	3.00131	49.998	50.001	49.998	24.57	0.242	0.012331	15502	5.102	78.821	0.995
13.6974	3.0041	49.998	50.001	50.001	26.53	0.229	0.0137	15502	7.655	71.382	0.995
13.648	2.99703	50.003	50.002	50.008	31.28	0.232	0.017249	15502	9.228	67.199	0.997
13.6914	3.00065	49.998	49.997	49.996	34.17	0.234	0.0039	15502	11.062	59.485	0.999
13.6778	3.00342	49.997	50.002	50	34.07	0.238	0.021288	15502	12.845	53.624	0.999
13.6163	2.99377	49.998	50.001	50.001	34.07	0.232	0.013912	15502	13.579	49.928	0.999
13.7007	3.00771	49.998	49.997	49.998	34.04	0.229	0.029777	15502	14.716	50.204	0.997
13.7418	3.01604	49.997	50.003	50	34.02	0.235	0.019459	15502	15.551	44.04	0.997
13.7171	3.01322	50	49.997	49.998	33.98	0.237	0.03675	15502	16.325	45.451	0.996
13.6474	2.9958	50	49.996	49.997	33.8	0.232	0.024016	15502	16.416	42.062	0.995
13.661	3.00478	50.001	49.996	50	34.03	0.227	0.017787	15502	17.501	45.499	0.997
13.6778	3.00654	50.001	50.004	50.003	34.04	0.236	0.033593	15502	15.903	43.952	0.996
13.6838	3.00322	49.999	50.003	49.996	34.01	0.238	0.014635	15502	15.089	46.29	0.994
13.6259	2.99781	50	50.001	50.003	34.02	0.24	0.016259	15502	13.67	47.881	0.996
13.6869	3.00214	50.003	49.998	49.999	33.59	0.229	0.010625	15502	11.878	54.299	0.995

13.6482	3.00027	50	50.003	50.003	31.84	0.229	0.011804	15502	9.994	62.001	0.996
13.6852	2.99941	50.004	49.998	50	29.93	0.242	0.013113	15502	9.117	65.757	0.995
13.6565	3.00086	49.996	49.999	49.999	28.59	0.228	0.014568	15502	8.28	67.972	0.996
13.6606	2.99472	50.002	49.994	49.998	27.32	0.241	0.01079	15502	7.08	75.7	0.994
13.6666	3.00192	49.999	50	49.995	26.46	0.243	0.011987	15502	6.01	80.371	0.993
13.6677	2.99571	50.002	49.999	49.995	25.78	0.232	0.005222	15502	5.859	81.051	0.993
13.6486	2.99859	49.998	50.002	50	25.79	0.23	0.009863	15502	5.768	82.327	0.992
13.6572	3.00046	49.999	50.004	49.998	25.79	0.226	0.012418	15502	6.02	81.491	0.991
13.6758	3.00004	49.999	49.997	50.003	26.19	0.224	0.013795	15502	6.051	83.928	0.993
13.6408	2.99296	50.004	50.006	49.999	26.53	0.226	0.010217	15502	6.263	86.395	0.993
13.6727	3.00569	49.995	50.006	50.006	28.53	0.232	0.006677	15502	8.643	82.051	0.992
13.6902	3.00222	50.001	50.003	50.005	30.85	0.228	0.007418	15502	11.485	73.659	0.993
13.6494	3.00037	49.999	49.999	50.002	34.04	0.228	0.02699	15502	13.318	68.03	0.994
13.6621	2.99781	49.998	49.999	49.998	34.04	0.236	0.033983	15502	14.485	62.897	0.994
13.6279	2.99549	49.996	50.002	50.007	34.03	0.233	0.037753	15502	15.642	60.596	0.994
13.6491	3.0008	49.998	50.002	50.001	33.74	0.23	0.024671	15502	16.466	58.454	0.991
13.6602	2.99773	50.001	49.996	50.001	33.68	0.244	0.018272	15502	18.847	50.757	0.99
13.6755	3.00171	49.998	49.999	50.001	33.62	0.241	0.034509	15502	19.731	47.893	0.987
13.711	3.00404	49.993	50.003	50.005	33.58	0.239	0.038338	15502	20.303	46.354	0.989
13.6777	3.00488	50.003	49.999	50.003	33.68	0.242	0.016702	15502	19.359	50.637	0.986
13.6523	3.00002	50.003	49.997	50.001	34.03	0.239	0.018555	15502	17.963	58.745	0.986
13.6579	2.99872	50.001	49.999	50	34.45	0.233	0.035043	15502	15.35	78.439	0.988
13.7121	3.01202	50.001	50.003	50.002	34.11	0.232	0.007924	15502	13.982	90.764	0.986
13.6837	3.00642	49.997	49.996	50.003	34.02	0.24	0.014966	15502	14.012	90.23	0.984
13.6833	3.00168	50	50	50.003	33.78	0.229	0.005753	15502	13.861	90.666	0.982
13.6607	2.99469	49.997	49.999	50.001	33.78	0.24	0.006391	15502	13.841	91.757	0.983
13.6674	3.0001	50.002	50.002	50.002	33.36	0.228	0.034883	15502	14.827	87.149	0.984
13.6589	2.99347	50.002	49.998	50.002	33.38	0.226	0.022796	15502	15.461	86.265	0.982
13.6806	3.00025	49.998	50.003	49.997	33.83	0.237	0.048793	15502	15.581	87.431	0.984
13.699	3.00088	50.001	50.001	49.998	34.22	0.225	0.031886	15502	16.386	83.997	0.981
13.6707	3.00004	49.998	49.997	50.003	34.77	0.232	0.035423	15502	16.175	83.654	0.982
13.6688	2.99494	50	50	49.999	34.64	0.225	0.023149	15502	15.913	86.612	0.982
13.6824	3.00735	50.002	49.999	49.995	34.04	0.228	0.015128	15502	16.054	86.24	0.982
13.6667	2.99382	49.999	49.998	50.001	34.1	0.24	0.055046	15502	16.034	87.8	0.982
13.687	3.00156	50	50.007	49.999	33.99	0.227	0.012447	15502	17.139	85.195	0.983
13.7012	3.01008	50.001	49.997	49.998	34.03	0.226	0.023508	15502	17.722	85.161	0.981

13.6816	2.99889	49.999	49.996	49.999	33.47	0.224	0.015362	15502	18.998	85.017	0.983
13.6675	2.99637	50	49.995	50.002	33.39	0.227	0.017066	15502	20.614	81.623	0.984
13.68	2.99497	50	49.999	50	33.37	0.24	0.032232	15502	21.417	78.423	0.984
13.6521	3.0005	49.999	50	49.999	33.79	0.227	0.035807	15502	20.263	84.169	0.983
13.6613	2.99974	49.999	49.998	50	33.54	0.223	0.02652	15502	21.286	80.691	0.983
13.6785	2.99869	50	50.002	49.993	33.46	0.228	0.010195	15502	21.868	75.367	0.982
13.6383	2.99661	50	49.996	50	33.45	0.238	0.019253	15502	23.723	66.754	0.981
13.656	3.00048	49.992	50.001	49.999	33.55	0.237	0.021389	15502	24.305	60.94	0.981
13.6511	2.99938	50.002	50.007	50.002	33.66	0.242	0.013978	15502	24.605	59.259	0.983
13.6721	3.00337	49.999	49.997	49.998	33.61	0.228	0.00806	15502	23.533	61.987	0.981
13.6901	3.00807	50.002	49.996	50.002	33.64	0.227	0.015222	15502	22.199	70.781	0.982
13.6558	3.00065	50	49.998	49.998	33.88	0.23	0.016911	15502	19.681	85.224	0.983
13.6642	3.00187	50	50.002	50.001	34.03	0.227	0.011051	15502	18.847	88.104	0.981
13.6755	2.99895	50.004	50.002	50.004	34	0.232	0.035481	15502	18.154	91.003	0.982
13.6812	2.99754	50.002	49.999	50.002	34.04	0.224	0.013639	15502	17.602	92.641	0.983
13.6986	3.0014	50.001	49.999	50.003	34.13	0.231	0.008913	15502	17.32	93.822	0.982
13.676	2.99979	50	49.997	49.999	34.19	0.242	0.02525	15502	18.084	89.361	0.984
13.6722	2.99962	49.999	50.001	50.001	34.07	0.223	0.016501	15502	17.752	91.729	0.981
13.692	3.00198	50.002	49.999	50.002	34.06	0.237	0.010783	15502	17.18	93.275	0.982
13.6578	3.00121	49.998	50.003	50.007	34.05	0.229	0.011979	15502	17.401	93.353	0.982
13.6575	2.99908	49.998	49.999	50.004	34.03	0.224	0.013308	15502	17.521	93.607	0.982
13.6588	2.99736	49.998	49.993	50.001	34.1	0.229	0.014785	15502	17.421	94.403	0.984
13.6741	2.99802	49.998	49.995	49.999	33.92	0.224	0.009662	15502	17.813	94.085	0.984
13.6853	2.99976	49.998	50.002	50.005	33.97	0.24	0.010734	15502	18.948	92.58	0.983
13.6647	2.99717	50	49.995	49.997	33.6	0.228	0.051693	15502	19.871	88.423	0.984
13.6709	3.0026	50.001	50.001	50	33.6	0.233	0.011689	15502	20.333	87.764	0.984
13.6512	2.9997	50.001	50.001	50.001	33.92	0.223	0.012986	15502	19.219	94.545	0.984
13.6463	2.99855	49.995	50.003	50.002	33.43	0.222	0.024525	15502	20.082	90.417	0.984
13.6889	2.99935	49.999	49.996	50	33.53	0.225	0.046318	15502	25.186	78.571	0.982
13.6542	2.99938	49.999	50.004	50.002	33.8	0.237	0.051457	15502	24.585	75.446	0.982
13.6795	3.00072	50.003	49.991	49.997	33.65	0.227	0.01978	15502	25.827	71.711	0.981
13.6572	3.00132	50.001	49.995	49.997	33.84	0.225	0.01939	15502	26.188	66.804	0.983
13.6865	3.00495	50.009	49.998	49.998	33.77	0.228	0.024413	15502	27.049	61.92	0.982
13.7025	3.00158	50.001	49.999	50.002	33.81	0.224	0.027121	15502	25.807	61.901	0.982
13.6994	3.00121	49.999	50	49.999	33.81	0.235	0.015638	15502	21.728	90.14	0.983
13.6579	2.9935	50	49.999	50.001	33.79	0.227	0.029535	15502	21.377	87.866	0.981

13.6529	2.99724	49.998	50.003	50.004	33.9	0.227	0.019301	15502	20.293	91.427	0.982
13.6492	2.99852	49.996	49.999	49.999	33.93	0.226	0.012613	15502	19.781	92.012	0.982
13.6526	3.00202	49.997	49.993	50.001	34	0.23	0.023821	15502	18.938	94.292	0.982
13.6824	3.00718	50.005	50.002	50.003	33.99	0.236	0.015567	15502	19.63	92.068	0.982
13.6914	3.00167	50.002	50.003	50.004	34.06	0.24	0.017294	15502	19.791	90.438	0.981
13.6427	2.99845	50.005	49.996	50	33.95	0.239	0.011302	15502	19.41	89.801	0.98
13.6681	3.00004	49.996	50.002	49.998	34.04	0.23	0.00837	15502	18.405	93.052	0.983
13.6853	2.99897	49.995	50	50	33.89	0.228	0.026874	15502	19.229	91.621	0.981
13.6864	3.00058	50.003	49.997	49.997	33.77	0.222	0.026343	15502	19.771	90.807	0.982
13.6749	3.0021	50.002	50	49.999	33.89	0.228	0.003504	15502	19.811	90.326	0.981
13.6743	2.99783	50.001	50	50.002	33.58	0.222	0.036847	15502	20.454	89.449	0.981
13.6513	2.99686	49.999	50.002	50.002	33.65	0.228	0.014164	15502	20.715	88.486	0.98
13.6367	2.99293	49.997	49.998	50.001	33.55	0.238	0.045476	15502	21.146	88.443	0.982
13.6627	2.99981	50	50.005	50	33.35	0.227	0.029718	15502	24.164	78.733	0.978
13.6626	2.99487	50	50	49.997	33.37	0.236	0.056126	15502	24.946	74.253	0.979
13.6556	2.99885	49.997	50.002	49.998	33.57	0.229	0.106	15502	26.168	71.662	0.978
13.6691	3.00321	50.001	50.003	50.003	33.45	0.237	0.069271	15502	26.839	68.084	0.98
13.6988	3.00756	49.999	50	50.001	33.49	0.226	0.026628	15502	27.909	62.511	0.978
13.6518	2.99793	50.001	49.998	49.999	33.47	0.227	0.029582	15502	27.499	60.867	0.979
13.676	3.00036	50.001	50.002	50.003	33.47	0.226	0.05587	15502	28.77	47.226	0.977
13.6857	3.00465	50.002	49.997	49.997	33.75	0.224	0.021477	15502	28.35	45.417	0.979
13.6719	3.00301	50.001	50	50.003	33.55	0.238	0.008256	15502	28.16	45.027	0.98
13.693	3.00003	50	49.996	49.998	33.42	0.231	0.015592	15502	26.829	52.082	0.977
13.6738	2.99738	49.998	49.998	50.002	33.53	0.237	0.010189	15502	24.956	58.947	0.98
13.6869	2.99411	49.998	49.998	50	33.51	0.231	0.01132	15502	23.803	63.013	0.981
13.6511	2.99807	49.998	49.999	50.001	33.68	0.225	0.012576	15502	22.941	66.734	0.982
13.6813	3.00545	50.001	49.999	50.002	33.64	0.23	0.013971	15502	22.009	72.939	0.981
13.6495	2.99848	49.998	49.994	50.002	33.96	0.228	0.044855	15502	21.567	75.846	0.98
13.6642	2.99767	50.001	49.997	50.001	34.05	0.223	0.049831	15502	20.825	79.216	0.982
13.6678	2.99576	50.006	49.994	50	33.9	0.222	0.011268	15502	20.313	81.455	0.983
13.6728	2.99555	49.998	50.001	49.999	33.72	0.231	0.011045	15502	19.691	84.436	0.98
13.6557	3.00066	50.001	49.999	49.997	34.05	0.225	0.02086	15502	19.249	86.807	0.981
13.6762	3.00384	49.997	49.999	50	33.9	0.223	0.039397	15502	18.797	89.347	0.983
13.6894	3.00946	49.999	50.002	49.999	34.05	0.242	0.025746	15502	18.857	89.878	0.984
13.6576	3.00107	49.999	50.003	50.002	33.94	0.233	0.028602	15502	19.309	88.335	0.981
13.6751	2.99873	50.001	50.003	49.998	33.68	0.241	0.010995	15502	20.835	82.892	0.983

13.6847	2.99873	50.001	49.998	49.995	33.59	0.228	0.007185	15502	21.477	77.325	0.983
13.6634	2.99061	50.003	49.997	50.004	33.65	0.227	0.034603	15502	21.507	70.12	0.984
13.6831	3.01208	50	49.999	50.002	33.47	0.225	0.013302	15502	21.818	63.424	0.985
13.6592	3.00134	50.004	49.997	50	33.47	0.241	0.014777	15502	21.939	56.901	0.985
13.6649	2.99439	50	49.999	49.999	33.36	0.228	0.016417	15502	21.457	51.233	0.985
13.6895	3.0087	49.998	50.001	49.999	33.42	0.225	0.018238	15502	21.668	43.81	0.986
13.6865	3.0053	49.998	49.997	49.996	33.45	0.229	0.020261	15502	21.537	44.648	0.985
13.65	2.99729	50.003	50.006	49.998	33.75	0.228	0.015006	15502	20.694	41.883	0.983
13.6629	2.99752	49.999	49.995	50.003	33.8	0.226	0.01471	15502	19.711	42.763	0.986
13.6739	3.00542	50	49.998	50.001	33.65	0.242	0.006408	15502	18.325	42.867	0.985
13.6765	3.00275	49.994	50	49.999	33.72	0.235	0.020575	15502	16.295	45.992	0.987
13.6571	2.99333	49.999	50.004	50	33.74	0.229	0.013446	15502	13.932	52.044	0.988
13.6782	3.00207	49.999	50.001	49.998	31.27	0.224	0.016929	15502	11.959	58.579	0.988
13.7205	3.00887	50.002	50.001	50.001	29.24	0.228	0.011063	15502	10.156	62.283	0.987
13.655	2.9926	50	49.997	49.999	28.03	0.233	0.013929	15502	8.855	65.848	0.987
13.6433	2.99263	50.002	50.002	50.006	27.19	0.235	0.026307	15502	8.684	66.828	0.987
13.652	2.9939	50.003	49.998	49.999	27.39	0.224	0.017191	15502	8.865	65.767	0.987
13.6778	3.00029	50	49.997	49.998	27.66	0.237	0.012732	15502	8.291	63.203	0.989
13.7046	3.00684	49.999	49.996	50.001	27.45	0.223	0.008321	15502	7.857	63.379	0.99
13.6785	2.99979	50.002	49.998	49.997	27.16	0.227	0.026714	15502	7.675	66.182	0.987
13.6209	2.99494	50.006	50.001	49.998	26.77	0.237	0.010269	15502	7.282	70.234	0.99
13.6694	2.99332	50	50	49.996	26.8	0.226	0.004474	15502	6.979	68.691	0.989
13.6743	2.99829	50	49.998	50.001	27.14	0.228	0.024419	15502	7.252	70.57	0.989
13.6625	2.99503	49.998	49.994	49.997	28.12	0.228	0.009387	15502	7.554	69.44	0.99
13.6758	3.00508	50.003	49.999	50	29.22	0.236	0.006952	15502	7.877	69.793	0.991
13.6502	2.99094	50.004	49.998	50.002	30.58	0.241	0.01313	15502	8.674	67.936	0.99
13.6706	2.99801	50	50.002	49.998	32.52	0.247	0.005047	15502	9.218	66.16	0.993
13.6916	3.01173	49.998	50	49.995	32.76	0.227	0.005624	15502	10.458	60.796	0.992
13.6789	2.99843	50	50.001	49.999	34.82	0.241	0.052185	15502	10.881	57.561	0.992
13.6513	2.99565	50	50.001	50.003	34.72	0.243	0.004083	15502	10.78	60.131	0.992
13.6337	2.99632	50.001	49.997	49.997	34.72	0.234	0.042937	15502	11.485	58.767	0.99
13.7375	3.01111	49.995	49.995	50.001	34.02	0.229	0.028059	15502	13.177	51.015	0.99
13.6535	2.99852	50.003	50.002	49.998	34.03	0.229	0.010786	15502	14.304	52.554	0.99
13.709	3.00744	49.996	49.999	49.997	34.07	0.231	0.013581	15502	13.63	50.4	0.989
13.6685	3.00049	50	49.999	49.996	34.1	0.228	0.008875	15502	14.163	49.975	0.991
13.672	2.99946	49.999	49.998	50.002	34.81	0.244	0.011174	15502	11.536	59.964	0.991

13.6626	3.00268	50	49.999	49.994	32.77	0.232	0.012414	15502	10.7	64.68	0.99
13.6862	3.008	49.997	49.999	49.998	30.37	0.224	0.008112	15502	8.301	75.172	0.989
13.6611	2.9973	49.997	50.001	50.003	28.84	0.238	0.009012	15502	7.635	74.576	0.99
13.644	2.9917	50.001	49.999	50	28.14	0.227	0.017021	15502	6.596	77.093	0.99
13.6845	3.00193	50.004	49.997	49.999	27.8	0.232	0.012606	15502	6.232	77.508	0.989
13.6702	2.99555	49.997	50.001	49.999	27.25	0.231	0.014005	15502	5.94	77.223	0.991
13.6251	2.98499	50.001	50.001	50.002	26.63	0.235	0.009152	15502	5.677	70.604	0.989
13.6894	3.00175	49.999	49.999	49.999	26.27	0.227	0.011523	15502	5.415	69.95	0.989
13.7255	3.00777	50.004	49.998	50	26.36	0.228	0.00753	15502	5.051	73.588	0.989
13.6443	2.9899	50.001	50	50.003	26.57	0.234	0.015259	15502	5.203	73.771	0.987
13.6837	3.00112	49.999	49.996	50.005	27.16	0.225	0.019213	15502	5.758	73.504	0.99
13.673	2.99806	49.999	49.997	50	27.97	0.225	0.007386	15502	6.687	66.464	0.99
13.6649	2.99743	50.004	50.007	50.001	30.6	0.236	0.023712	15502	8.684	57.221	0.99
13.6666	2.99844	49.999	49.998	50.006	32.11	0.244	0.015496	15502	9.238	54.985	0.991
13.6675	3.00383	50	50	49.999	32.58	0.229	0.017215	15502	9.47	53.201	0.99
13.6801	2.99733	50.004	50.001	50	32.66	0.228	0.032512	15502	11.002	49.585	0.99
13.6722	2.99692	49.989	49.99	49.902	23.03	0.222	0	15502	10.337	47.391	0.986
13.7053	2.9996	50.001	49.996	50.001	28.02	0.24	0.0082	15502	9.964	46.219	0.986
13.6982	3.01191	50.001	50.003	50.002	28.53	0.226	0.015487	15502	8.401	61.932	0.986
13.674	3.00468	49.997	49.999	49.993	28.54	0.246	0.010121	15502	7.272	62.582	0.987
13.6677	2.99679	49.997	49.999	50	27.84	0.229	0.011243	15502	7.12	71.876	0.989
13.6436	2.99604	49.999	50.003	50.002	28.17	0.231	0.007347	15502	6.969	85.503	0.986
13.6688	3.00482	50	50	49.998	28.53	0.243	0.008163	15502	7.131	82.598	0.987
13.6681	3.00665	49.999	50.001	49.998	28.06	0.242	0.009068	15502	6.828	84.524	0.986
13.6603	2.99453	49.996	50.002	50.005	27.84	0.225	0.010074	15502	6.727	85.695	0.987
13.6979	3.00865	50	49.998	49.997	27.84	0.229	0.021563	15502	6.626	87.604	0.984
13.6697	2.99465	50.001	50.002	50.002	28.37	0.242	0.014091	15502	6.616	86.842	0.988
13.6726	2.99789	50.002	50.003	49.999	28.54	0.235	0.005417	15502	6.626	86.755	0.986
13.6563	2.99496	49.999	49.997	50.003	28.53	0.228	0.006018	15502	6.646	85.993	0.987
13.6731	3.00515	49.999	50.001	50	28.53	0.234	0.011365	15502	6.687	86.543	0.985
13.6525	2.99995	50	50.004	50	28.22	0.237	0.012626	15502	6.727	86.827	0.986
13.6558	3.00717	49.999	50.004	50.003	27.63	0.239	0.015897	15502	6.101	89.492	0.986
13.6564	2.99498	50	50.001	49.998	26.91	0.241	0.017661	15502	6.071	89.506	0.986
13.7019	3.00301	50.004	50.004	50	26.89	0.233	0.011541	15502	6.596	87.952	0.985
13.6613	2.99148	50	49.997	49.997	27.12	0.236	0.007542	15502	7.09	86.034	0.986
13.6672	3.0012	50.003	50.001	49.998	27.85	0.234	0.016143	15502	7.817	82.094	0.985

13.6867	3.00934	50.002	49.997	50	28.96	0.232	0.030488	15502	8.825	77.323	0.987
13.6381	2.99583	49.999	50.003	50.007	32.65	0.242	0.006894	15502	12.613	64.368	0.987
13.6797	3.00354	50.008	49.995	49.998	33.54	0.229	0.01302	15502	14.686	56.004	0.986
13.691	3.00796	49.997	50.005	49.998	33.56	0.228	0.009643	15502	16.104	39.927	0.987
13.6439	3.00022	50.008	49.996	49.997	33.57	0.223	0.052633	15502	17.35	37.359	0.985
13.6989	3.00482	50.005	49.997	50.003	33.49	0.231	0.013488	15502	18.506	31.048	0.984
13.6832	3.00604	49.995	49.998	49.998	33.46	0.228	0.014985	15502	19.319	26.728	0.983
13.6307	2.99175	49.998	50.001	50	33.35	0.229	0.016647	15502	20.022	29.043	0.984
13.6425	3.00045	50	49.999	49.999	33.71	0.227	0.018494	15502	20.664	26.545	0.985
13.6835	3.00469	50.002	49.996	50.001	33.6	0.231	0.007109	15502	20.574	27.321	0.983
13.68	3.00803	49.997	49.993	49.999	33.4	0.229	0.013427	15502	20.142	29.616	0.983
13.6824	2.9978	49.998	50.009	50	33.7	0.238	0.016905	15502	18.164	38.815	0.985
13.668	3.00499	49.997	50.001	50.003	34.66	0.232	0.018781	15502	14.022	64.697	0.985
13.6767	2.9964	50	50	49.997	33.36	0.235	0.023646	15502	11.646	72.826	0.986
13.6952	3.00158	50.001	50.001	50.006	32.66	0.231	0.015453	15502	14.565	55.806	0.984
13.6699	2.99675	49.998	50	49.997	32.18	0.227	0.010098	15502	13.962	61.255	0.985
13.6904	3.00256	50.002	50.001	50.004	31.97	0.227	0.021614	15502	13.771	63.262	0.983
13.687	3.00263	49.998	49.999	50.004	31.73	0.225	0.069395	15502	12.17	71.604	0.985
13.6887	3.0057	49.999	49.997	49.999	30.95	0.233	0.010461	15502	10.941	77.877	0.984
13.6343	2.9951	49.998	50.003	49.997	29.93	0.232	0.019757	15502	10.014	82.121	0.986
13.6961	3.01209	49.997	49.998	50.002	29.18	0.244	0.012911	15502	7.746	89.039	0.983
13.6954	3.0035	49.999	49.999	49.996	28.53	0.227	0.024384	15502	7.474	91.999	0.986
13.6552	2.99503	50.001	50.001	50.004	30.67	0.234	0.01806	15502	12.11	72.257	0.986
13.6442	2.99247	50	50.004	49.997	33.65	0.232	0.006942	15502	14.405	65.89	0.99
13.6758	2.99994	50.001	50.001	50.001	34.02	0.236	0.008741	15502	16.788	57.25	0.989
13.6945	3.00526	49.999	50.001	50.004	34.04	0.238	0.016508	15502	19.229	50.368	0.989
13.6697	3.00644	49.999	49.996	50.003	33.93	0.228	0.010788	15502	21.517	41.043	0.989
13.6685	3.00271	50.003	49.997	49.998	33.89	0.227	0.004147	15502	22.711	27.985	0.99
13.6551	2.99903	50	49.998	49.998	33.91	0.229	0.022634	15502	23.944	31.904	0.99
13.6591	3.00195	50.004	49.994	49.999	33.65	0.226	0.028498	15502	24.234	26.168	0.991
13.6635	3.00224	50.006	50	50	33.98	0.23	0.03166	15502	24.194	25.443	0.991
13.6674	3.00443	50.002	50.002	49.999	33.99	0.24	0.020689	15502	25.026	24.124	0.991
13.6676	2.99631	50	50.001	50.001	33.93	0.229	0.01352	15502	23.753	27.709	0.99
13.667	2.99822	49.998	49.998	50.004	33.92	0.227	0.049197	15502	23.864	36.444	0.99
13.6583	3.00261	49.998	49.998	49.996	33.84	0.228	0.018912	15502	21.286	32.334	0.991
13.6826	3.00611	49.999	49.997	50.001	34.24	0.234	0.035717	15502	17.622	37.99	0.991

13.6537	2.99586	50.002	49.995	50.003	34.7	0.239	0.01556	15502	15.732	40.543	0.993
13.6406	2.99437	50.007	49.994	50.001	34.06	0.231	0.017287	15502	14.555	44.116	0.993
13.6446	2.99994	50.002	50.004	49.999	33.56	0.227	0.006645	15502	13.64	47.971	0.991
13.6479	2.99742	50.001	49.997	49.999	32.69	0.244	0.008367	15502	12.392	51.463	0.993
13.6988	3.00341	49.999	49.997	49.999	32.12	0.234	0.005468	15502	11.646	58.5	0.993
13.66	2.99621	49.998	49.999	50.002	32.17	0.236	0.017555	15502	11.455	59.054	0.992
13.6782	3.00286	49.999	49.996	49.997	32.09	0.232	0.033153	15502	11.163	63.414	0.991
13.6493	2.99913	50.001	50.002	49.999	31.97	0.229	0.014444	15502	10.81	66.032	0.993
13.6685	2.99681	49.999	49.999	49.999	32	0.228	0.016046	15502	10.962	68.062	0.993
13.6697	3.00428	50.002	50.002	50.004	31.98	0.231	0.010486	15502	11.163	64.705	0.994
13.6569	2.99602	50.004	50.008	50.005	32.91	0.23	0.019804	15502	14.123	51.208	0.992
13.6796	3.00682	50	50.003	50.002	33.88	0.236	0.008628	15502	17.823	40.97	0.993
13.6356	2.99707	50.001	49.998	50	34.02	0.244	0.027701	15502	19.169	42.504	0.994
13.6392	2.99571	49.998	50	50.002	33.93	0.232	0.018102	15502	21.738	38.04	0.993
13.6886	3.00024	50.004	50.001	49.998	33.86	0.228	0.020111	15502	24.665	33.508	0.993
13.6724	2.99864	50.003	50.003	49.998	33.67	0.233	0.037981	15502	25.797	25.56	0.992
13.6538	2.99176	50.006	50.003	50.001	33.5	0.233	0.016547	15502	26.248	23.917	0.993
13.6624	3.00118	49.999	49.997	49.995	33.46	0.234	0.010813	15502	27.209	19.772	0.991
13.6651	2.9969	50.002	50.001	50.003	33.67	0.235	0.034718	15502	27.729	22.548	0.991
13.6845	3.00116	50.002	49.998	50	33.65	0.237	0.007851	15502	27.529	25.029	0.99
13.7078	3.01323	49.999	49.996	49.997	33.73	0.236	0.042849	15502	27.059	27.318	0.987
13.6666	2.99382	50.001	50.001	50.001	33.55	0.233	0.047602	15502	26.388	30.061	0.989
13.6829	2.99953	50	50	49.999	33.38	0.224	0.018299	15502	25.747	31.355	0.989
13.6482	2.99901	50.001	50.008	50.002	33.72	0.233	0.011958	15502	21.256	51.648	0.987
13.705	3.009	49.997	50.002	50.001	34.04	0.236	0.022584	15502	17.441	65.26	0.987
13.6441	2.99634	50.002	50.008	49.997	34.04	0.232	0.014759	15502	15.913	73.676	0.989
13.68	3.00627	50.001	49.998	50	34.32	0.242	0.027873	15502	15.642	77.785	0.99
13.6742	3.00366	49.997	50.002	50.003	34.04	0.231	0.020644	15502	15.702	77.227	0.989
13.6542	3.00193	50.003	50.004	50.002	34.62	0.236	0.007936	15502	15.581	76.84	0.989
13.6324	2.99647	50.002	49.999	49.995	34.61	0.244	0.014987	15502	14.907	78.243	0.99
13.7015	3.00434	50.005	50.001	50	34.04	0.229	0.009794	15502	15.129	79.865	0.989
13.656	2.98903	50.003	50.001	50.002	34.24	0.229	0.035638	15502	14.907	82.506	0.99
13.6616	3.00159	50.002	50	49.999	34.66	0.236	0.013699	15502	15.089	83.844	0.991
13.6703	2.99628	49.997	50.001	49.999	33.71	0.235	0.008953	15502	13.942	92.005	0.987
13.6722	2.99798	50	50.002	50.003	34.15	0.234	0.009946	15502	14.324	92.327	0.989
13.6427	2.99603	50.003	49.999	50	34.16	0.234	0.007366	15502	15.601	87.718	0.987

13.6839	3.00839	49.997	49.997	49.999	33.56	0.232	0.013912	15502	16.798	78.645	0.989
13.6678	2.99727	49.998	50.004	50.003	33.4	0.228	0.005348	15502	19.269	70.235	0.987
13.6791	3.00243	49.998	50.003	50.002	33.49	0.229	0.0101	15502	19.751	69.935	0.986
13.6686	2.99793	49.998	50.002	50.001	33.36	0.228	0.032427	15502	21.738	67.984	0.985
13.6814	3.00881	50.002	49.993	50.002	33.35	0.229	0.040827	15502	25.296	56.998	0.986
13.6704	2.99941	50.005	50.003	49.999	33.28	0.227	0.045357	15502	26.008	52.863	0.984
13.6611	2.99489	50	50.003	50.004	33.54	0.233	0.050389	15502	21.437	87.91	0.983
13.6858	3.00771	49.995	49.998	49.997	33.39	0.225	0.032929	15502	24.315	79.587	0.979
13.6719	2.99761	50.004	49.997	50.002	33.54	0.241	0.021519	15502	25.967	72.414	0.981
13.6594	3.00393	50	50.002	50.002	33.38	0.242	0.014062	15502	24.926	75.705	0.98
13.649	2.9932	50.005	49.999	50.002	33.36	0.227	0.076754	15502	26.468	60.004	0.98
13.6485	2.99664	50.002	49.999	50.003	33.35	0.224	0.006005	15502	25.437	60.574	0.98
13.6635	2.9944	49.999	49.996	49.997	33.35	0.232	0.055723	15502	24.916	61.399	0.978
13.6782	3.00396	50.004	50	50.001	33.36	0.222	0.036415	15502	23.984	64.109	0.98
13.667	3.00358	50.002	49.995	49.997	33.37	0.223	0.023797	15502	24.044	64.148	0.98
13.6422	2.99742	50.001	50.001	50	33.35	0.23	0.026437	15502	23.523	67.726	0.979
13.6425	2.99681	49.998	50	49.999	33.35	0.228	0.017276	15502	23.443	69.714	0.98
13.6655	2.99779	50.005	49.996	50.002	33.39	0.239	0.021752	15502	21.979	80.841	0.978
13.6702	2.99687	50.003	50	50.002	33.4	0.231	0.041081	15502	20.132	82.836	0.978
13.6737	3.00588	50.001	49.996	50.005	33.46	0.228	0.045639	15502	19.831	82.466	0.978
13.6535	2.99729	50	50.001	49.998	33.79	0.223	0.050702	15502	20.152	84.044	0.977
13.6546	3.00235	49.998	49.998	50	33.4	0.227	0.056327	15502	20.534	82.141	0.978
13.6453	2.9955	50	49.998	50.001	33.37	0.226	0.021653	15502	20.644	82.444	0.978
13.6787	2.9932	50.001	50.002	49.999	33.6	0.228	0.024055	15502	20.674	83.815	0.978
13.6622	3.00001	49.998	49.999	50.001	33.59	0.229	0.009247	15502	18.877	90.117	0.98
13.6859	3.00787	50.003	49.993	49.994	33.35	0.228	0.006043	15502	20.112	88.959	0.98
13.6768	3.00656	50.002	49.998	49.995	33.63	0.229	0.021988	15502	20.594	85.313	0.979
13.6612	3.00105	49.995	50.002	50	33.35	0.24	0.014369	15502	21.296	77.818	0.98
13.6681	3.00311	50	50.001	49.999	33.18	0.228	0.015963	15502	23.763	66.647	0.981
13.6487	2.99604	50.002	49.996	49.999	33.25	0.237	0.017734	15502	24.605	61.257	0.98
13.6993	3.01061	50.003	50.001	49.996	33.35	0.233	0.011589	15502	25.797	54.919	0.98
13.646	2.98985	49.999	50.001	50.004	33.35	0.224	0.021887	15502	25.557	56.073	0.98
13.6644	2.9973	50.003	50.001	50.002	33.35	0.233	0.008414	15502	26.458	54.13	0.979
13.684	3.01	50	50	49.998	33.35	0.229	0.009347	15502	26.698	52	0.98
13.6639	2.9923	50.002	49.996	49.998	33.32	0.241	0.017653	15502	26.388	50.707	0.979
13.6536	2.99152	49.999	50.005	49.998	33.35	0.232	0.03334	15502	24.986	55.273	0.978

13.6793	2.99598	49.995	50	50.004	33.51	0.228	0.024692	15502	22.881	63.748	0.979
13.6977	3.00285	50.002	49.996	49.998	33.45	0.231	0.027432	15502	22.139	66.388	0.982
13.6627	2.99307	50	49.999	49.997	33.5	0.235	0.030475	15502	22.35	68.721	0.979
13.6616	2.99975	49.998	50.004	49.999	33.76	0.242	0.03837	15502	21.517	76.319	0.982
13.6646	3.00183	49.998	49.999	49.997	33.57	0.243	0.01475	15502	20.845	81.362	0.979
13.6467	2.99858	50.008	49.999	50	33.86	0.223	0.027857	15502	20.594	84.444	0.981
13.6698	3.0037	50.001	50	50.001	33.54	0.241	0.05261	15502	20.002	87.951	0.98
13.6682	2.9979	49.999	49.998	49.997	33.7	0.232	0.03438	15502	19.359	90.143	0.98
13.6615	3.00121	49.996	49.999	50.003	34.03	0.243	0.022467	15502	19.149	91.115	0.98
13.6789	2.99406	49.999	49.999	50.001	33.37	0.241	0.042432	15502	19.811	89.738	0.981
13.7078	3.00586	49.998	50.002	50.002	33.38	0.225	0.027729	15502	20.263	87.12	0.982
13.6677	3.00454	49.998	50.002	49.998	33.44	0.241	0.010659	15502	21.106	84.611	0.979
13.6838	3.00114	49.997	49.999	49.998	33.35	0.225	0.065936	15502	21.708	83.442	0.979
13.6445	2.99664	50	49.998	50.001	33.43	0.236	0.01491	15502	21.296	86.878	0.978
13.6764	3.00161	50.005	49.998	50	33.46	0.234	0.016564	15502	20.725	90.155	0.975
13.6633	3.00225	50.003	49.999	50.002	33.37	0.236	0.018401	15502	19.329	91.646	0.978
13.6397	2.99557	49.997	50	49.999	33.35	0.243	0.034753	15502	21.557	77.554	0.977
13.6705	3.0043	49.996	49.997	50	33.35	0.233	0.038609	15502	23.382	74.196	0.977
13.6874	3.00803	50.002	50.001	49.998	33.35	0.23	0.025231	15502	23.603	75.496	0.975
13.633	2.99554	50.004	49.998	49.998	33.73	0.239	0.009699	15502	20.002	86.378	0.977
13.6562	2.99846	50	50.001	49.998	33.35	0.229	0.027476	15502	22.219	71.706	0.976
13.651	3.00217	50.001	49.999	50	33.35	0.226	0.010562	15502	22.41	68.902	0.977
13.6773	3.00308	49.997	49.998	49.999	33.32	0.232	0.006902	15502	22.801	63.056	0.978
13.661	3.00097	49.997	49.997	50.007	33.55	0.243	0.013036	15502	21.176	71.259	0.977
13.6932	2.99849	50	50	50	33.71	0.229	0.024619	15502	20.704	75.404	0.978
13.6358	2.99691	49.999	50.004	50.004	34.09	0.24	0.009464	15502	19.339	84.751	0.979
13.7216	3.00897	50.002	49.998	49.998	33.73	0.227	0.017873	15502	19.008	86.386	0.978
13.6496	2.9979	50.002	49.999	49.996	34.13	0.232	0.013237	15502	19.349	84.085	0.978
13.6382	2.99541	49.999	50.003	50.001	33.85	0.241	0.008651	15502	18.486	87.921	0.979
13.6598	3.0015	49.999	49.997	49.994	34.05	0.242	0.016338	15502	18.847	85.789	0.979
13.6608	3.00312	49.996	50.002	49.999	34.09	0.228	0.01815	15502	18.506	87.038	0.979
13.6338	2.99245	50.004	50.003	50.002	33.75	0.241	0.020164	15502	17.843	88.665	0.978
13.6738	3.00131	49.999	49.998	49.999	34.73	0.225	0.007751	15502	17.431	89.104	0.979
13.6932	3.00018	49.999	50.003	50.002	34.58	0.231	0.024886	15502	17.441	87.905	0.981
13.6596	3.00221	50.003	50	49.996	33.86	0.228	0.005627	15502	18.154	86.161	0.982
13.6849	2.99683	49.998	50.001	49.999	33.4	0.235	0.010628	15502	19.671	80.775	0.98

13.6862	3.00051	49.999	50	49.998	33.36	0.233	0.034121	15502	19.801	75.784	0.982
13.6346	2.99249	50.004	49.999	50	33.35	0.23	0.013117	15502	21.106	68.353	0.983
13.627	2.99009	50.003	49.998	50.003	33.35	0.228	0.016515	15502	21.427	66.354	0.983
13.6754	3.00489	50.003	49.997	49.998	33.3	0.231	0.010792	15502	21.668	65.355	0.984
13.6215	2.99569	50	49.997	50.001	33.35	0.233	0.020382	15502	22.841	61.908	0.983
13.6848	3.00617	50	50	50	33.34	0.246	0.01332	15502	23.683	56.482	0.984
13.6571	3.00145	50.002	49.998	50	33.35	0.229	0.009865	15502	23.372	56.991	0.983
13.6457	2.99125	49.998	50	49.998	33.35	0.245	0.010959	15502	25.026	47.91	0.984
13.6903	2.99898	50.002	50.005	50	33.4	0.237	0.012175	15502	25.717	48.778	0.983
13.6496	2.99627	50	49.997	49.998	33.39	0.234	0.013526	15502	25.296	43.298	0.984
13.6756	3.00066	49.998	50.003	50	33.35	0.233	0.025545	15502	24.505	48.948	0.984
13.6491	2.99848	50.001	49.999	50.003	33.44	0.227	0.028379	15502	20.594	70.699	0.986
13.6728	3.0012	50.001	49.997	50.003	34.07	0.234	0.010909	15502	17.25	82.116	0.986
13.674	2.9975	50.003	49.997	50.003	34.06	0.246	0.00808	15502	15.973	88.465	0.986
13.6778	2.99976	50.002	49.999	49.998	34.84	0.249	0.015259	15502	15.129	91.102	0.987
13.6333	2.99467	49.998	50	50.001	34.86	0.246	0.028819	15502	14.656	93.382	0.987
13.6592	3.00242	49.999	50.001	49.999	34.71	0.234	0.032016	15502	14.113	94.135	0.989
13.6657	2.99791	50.001	49.998	49.998	34.36	0.23	0.004259	15502	13.771	94.714	0.99
13.6881	3.00018	49.999	50.001	49.999	34.03	0.237	0.015496	15502	13.318	95.102	0.987
13.6955	3.00449	50.002	49.998	49.997	33.39	0.23	0.010126	15502	13.106	95.321	0.987
13.7075	3.0065	49.999	50.002	50	33.34	0.233	0.019125	15502	12.593	95.456	0.989
13.7041	3.00378	49.999	49.997	49.999	33.05	0.243	0.040935	15502	12.523	95.731	0.987
13.6675	2.99284	50.008	49.996	50.007	34.04	0.236	0.015736	15502	15.873	91.428	0.989
13.6863	2.9993	49.999	50.001	50.003	33.62	0.234	0.010283	15502	20.674	71.358	0.99
13.6658	2.99597	50.001	49.997	49.997	33.81	0.244	0.056126	15502	23.282	61.528	0.991
13.6789	3.00011	50.001	49.999	49.999	33.93	0.232	0.036678	15502	24.946	55.426	0.99
13.6416	2.98625	50.005	49.996	49.997	33.81	0.235	0.04618	15502	26.338	49.345	0.99
13.6969	3.0018	49.997	49.998	50	33.64	0.23	0.030179	15502	27.429	40.67	0.989
13.6441	2.99845	49.999	49.998	49.998	33.41	0.239	0.019722	15502	28.21	41.569	0.989
13.6653	3.00452	49.997	49.999	50.001	33.41	0.24	0.037246	15502	28.26	36.073	0.989
13.6227	2.98315	49.998	49.998	49.998	33.58	0.244	0.021477	15502	29.65	28.746	0.989
13.6387	2.99154	50.002	49.999	50.002	33.65	0.234	0.040561	15502	29.49	31.247	0.987
13.6877	2.99882	50.001	50	50	33.74	0.226	0.017671	15502	29.85	26.584	0.987
13.6842	3.00718	50.002	49.999	50.002	33.86	0.236	0.033373	15502	28.86	28.54	0.983
13.6694	3.00122	50.002	49.996	50.001	33.44	0.228	0.037076	15502	27.409	36.27	0.984
13.6637	3.00292	50	50.001	49.995	33.67	0.231	0.024229	15502	23.984	48.429	0.984

13.6815	3.00081	49.999	50	50.001	34.03	0.231	0.009314	15502	20.895	61.145	0.985
13.6619	2.99588	49.999	50.006	49.995	34.04	0.242	0.010347	15502	20.062	64.53	0.983
13.6592	2.99254	50	49.997	49.998	33.93	0.228	0.033221	15502	20.423	56.584	0.985
13.6642	2.99783	49.999	50	49.995	34.03	0.226	0.106659	15502	18.476	69.004	0.985
13.6687	2.99418	50.003	49.997	49.997	33.86	0.229	0.008345	15502	17.561	76.624	0.985
13.6683	2.99747	50.001	50.002	50.004	34.1	0.228	0.015761	15502	17.039	82.218	0.984
13.6953	3.00609	50.003	50.002	50.002	34.03	0.246	0.029766	15502	17.742	84.824	0.985
13.6928	3.00822	49.999	49.998	50.004	33.87	0.238	0.011442	15502	17.793	86.536	0.982
13.6767	3.00732	50.001	50.005	50.008	33.71	0.229	0.02161	15502	19.831	83.07	0.984
13.67	3.00719	50	49.999	49.999	34.03	0.241	0.069382	15502	19.63	85.286	0.983
13.6822	3.00297	49.999	50.001	50.001	33.35	0.235	0.045341	15502	21.557	79.711	0.983
13.6776	2.99904	50.002	50.006	50.005	33.4	0.232	0.085631	15502	23.954	73.894	0.982
13.6893	3.00782	50.008	50.004	49.998	33.4	0.234	0.037306	15502	24.755	68.005	0.983
13.6551	2.99273	50.003	50	50.001	33.35	0.233	0.008436	15502	23.904	73.442	0.984
13.6863	2.99949	50.001	49.999	49.998	33.26	0.227	0.046043	15502	25.306	68.996	0.983
13.6448	2.99794	49.998	50.002	50.002	33.35	0.233	0.030089	15502	26.208	65.222	0.983
13.6852	3.00113	50	50.004	49.997	33.35	0.225	0.164228	15502	27.649	58.617	0.981
13.6482	2.99714	50	49.999	49.997	33.34	0.231	0.037136	15502	28.24	52.143	0.982
13.6527	2.99887	49.997	50.007	50.002	33.33	0.23	0.014275	15502	27.779	53.233	0.981
13.6619	2.99809	50.001	50.004	50.002	33.27	0.225	0.02696	15502	27.329	55.734	0.981
13.6987	3.00051	50.002	50	49.998	33.64	0.24	0.01634	15502	28.03	51.89	0.98
13.6744	2.99946	50.003	49.998	50.003	33.35	0.224	0.010678	15502	26.869	57.199	0.98
13.6791	3.00054	50.001	49.998	50.001	33.35	0.222	0.034282	15502	26.688	54.951	0.98
13.6612	3.00155	50.005	50	49.999	33.39	0.238	0.013178	15502	25.457	60.061	0.981
13.6855	3.00624	50	49.998	49.994	33.4	0.224	0.008612	15502	24.435	64.597	0.98
13.654	2.98979	50	49.997	49.996	33.42	0.226	0.014351	15502	22.55	77.493	0.982
13.6406	2.98689	50.003	50.001	49.998	33.5	0.225	0.030718	15502	21.798	79.344	0.983
13.6786	3.00288	50	50	50.006	33.77	0.225	0.017712	15502	21.036	83.114	0.981
13.6608	2.99623	50.002	50	50.002	33.54	0.229	0.019677	15502	20.895	84.961	0.983
13.6409	2.9973	50.003	49.999	49.998	33.58	0.233	0.012859	15502	20.634	86.771	0.982
13.6598	2.99601	50.002	50.001	50.004	33.58	0.228	0.012605	15502	20.574	87.703	0.981
13.6649	2.99103	50.005	50.003	49.997	33.95	0.228	0.023806	15502	19.952	90.946	0.982
13.6775	2.99862	50.004	50.001	49.997	34.03	0.23	0.009151	15502	19.58	92.766	0.981
13.6631	3.005	50.002	50.001	50.001	34.03	0.239	0.010166	15502	18.887	91.465	0.983
13.6478	2.99692	49.999	50.003	49.997	34.03	0.226	0.0192	15502	18.345	91.787	0.982
13.6772	3.00611	50.002	49.999	50.002	33.92	0.231	0.007381	15502	18.687	91.414	0.983

13.6554	3.0006	50	50	50.001	33.92	0.231	0.004823	15502	19.309	88.858	0.982
13.6591	3.00273	49.996	50	50	33.42	0.231	0.008038	15502	20.203	86.18	0.981
13.671	3.00396	50.005	49.996	50.001	33.66	0.236	0.008929	15502	20.925	82.634	0.983
13.6748	3.00346	50.002	50.002	50.001	33.44	0.242	0.016864	15502	20.464	84.911	0.985
13.6536	2.99467	50.002	50.003	50.002	33.68	0.243	0.01102	15502	20.494	86.023	0.982
13.6827	3.00721	50	50.002	50.007	33.51	0.228	0.007202	15502	20.634	84.926	0.981
13.7208	3.01128	49.998	50.003	50.001	34.4	0.234	0.012001	15502	13.116	90.725	0.983
13.6895	3.00317	49.999	50.004	50.002	31.81	0.239	0.01511	15502	11.667	93.287	0.983
13.6925	3.00585	50.004	50.002	49.999	30.61	0.231	0.008713	15502	11.113	90.697	0.983
13.6785	3.0048	49.998	49.997	49.998	29.85	0.233	0.01097	15502	10.75	91.288	0.984
13.6744	2.996	50.001	50.006	50.002	28.61	0.233	0.020718	15502	10.417	91.595	0.984
13.6694	3.00481	50	50	50.001	28.33	0.234	0.004685	15502	9.551	86.887	0.984
13.6944	3.00112	50.002	50	50	27.81	0.237	0.02557	15502	9.359	81.297	0.985
13.6618	2.99399	50	50.004	49.996	27.4	0.232	0.009829	15502	9.138	77.789	0.984
13.6589	2.99992	49.992	50.002	50.002	27.4	0.228	0.031558	15502	9.027	78.064	0.986
13.6626	3.00053	50.001	50.001	50	27.41	0.231	0.020623	15502	8.613	74.267	0.984
13.6524	3.00115	49.997	50	49.997	27.29	0.232	0.038949	15502	8.139	75.392	0.986
13.6594	3.00273	50.003	50.002	50.001	27.01	0.233	0.008807	15502	7.595	76.585	0.984
13.6527	3.00124	49.998	50.001	49.998	26.46	0.233	0.032047	15502	7.191	78.552	0.985
13.6869	2.99974	50.004	50.002	49.997	26.23	0.233	0.007247	15502	6.586	83.22	0.985
13.6703	3.00385	50	49.998	49.999	26.04	0.243	0.008051	15502	6.868	81.97	0.986
13.6565	3.00146	50.003	49.996	49.995	26.49	0.237	0.015204	15502	6.888	81.024	0.986
13.6515	2.99447	50.004	49.998	49.999	27.12	0.233	0.005845	15502	7.675	78.339	0.985
13.6647	3.0019	49.994	50.002	49.998	28.99	0.233	0.01251	15502	8.331	80.315	0.988
13.661	2.99579	50.001	49.998	50.001	30.6	0.244	0.013898	15502	10.236	78.076	0.989
13.6467	2.99325	49.998	50.006	50.003	32.67	0.242	0.009082	15502	10.679	79.935	0.989
13.6751	3.00475	49.996	49.997	50.002	34.01	0.25	0.011435	15502	11.385	77.593	0.989
13.6934	3.00205	49.999	50.001	49.999	34.03	0.238	0.007473	15502	12.674	74.266	0.99
13.67	3.00019	49.999	49.999	49.996	34.15	0.237	0.023992	15502	13.519	72.48	0.99
13.6678	3.00036	50	50.003	49.999	33.96	0.24	0.010453	15502	13.932	72.002	0.989
13.6496	2.99103	50.004	49.997	50.004	34.03	0.244	0.033559	15502	14.002	71.665	0.987
13.6727	3.00069	50.006	50.004	50.002	33.7	0.232	0.024855	15502	14.968	66.018	0.989
13.6745	2.9978	49.999	50	50	34.02	0.237	0.027613	15502	14.445	62.488	0.987
13.6761	2.99549	50.003	49.998	50.001	34.04	0.238	0.010615	15502	14.425	64.114	0.987
13.6667	2.99816	50.007	49.997	49.998	34.71	0.246	0.011792	15502	13.288	62.61	0.989
13.7211	3.01349	50.003	50.005	49.998	33.97	0.238	0.008734	15502	12.251	65.901	0.99

13.677	3.0071	50.002	49.995	50.001	32.6	0.246	0.009702	15502	11.838	65.608	0.987
13.6816	2.99893	50.005	49.997	49.999	31.91	0.239	0.010779	15502	11.364	66.605	0.987
13.6695	3.00155	49.995	50	50.002	31.4	0.241	0.007983	15502	11.183	66.513	0.99
13.6644	2.99387	49.998	50.004	49.998	31.29	0.234	0.015077	15502	10.881	67.091	0.989
13.6657	3.0014	49.998	49.999	49.999	31.31	0.234	0.009853	15502	10.589	69.131	0.99
13.653	2.99531	49.998	49.998	50.001	31.55	0.232	0.016419	15502	10.377	70.483	0.989
13.6926	3.0021	50.003	50	50.001	31.36	0.24	0.007153	15502	10.307	73.005	0.99
13.6715	2.99813	50.001	49.997	49.997	31.2	0.235	0.007012	15502	10.176	72.167	0.989
13.7169	3.00811	49.996	49.998	50	30.62	0.237	0.015008	15502	9.692	77.834	0.987
13.6831	2.99876	50.002	50.004	50	30.6	0.237	0.009808	15502	9.793	75.584	0.99
13.6725	2.99768	49.999	49.999	49.997	30.66	0.233	0.010896	15502	10.176	76.477	0.99
13.6883	3.00246	50.001	49.996	50.001	31.87	0.234	0.020578	15502	10.8	76.354	0.99
13.6696	2.99621	49.998	49.996	49.994	34.04	0.24	0.004653	15502	12.895	74.361	0.991
13.6513	3.00337	50	50.002	50.005	33.92	0.232	0.014939	15502	14.042	71.377	0.991
13.6843	2.99723	50.005	49.998	50.006	33.82	0.238	0.01881	15502	15.632	64.178	0.99
13.6465	2.99549	50.003	49.995	49.999	33.8	0.237	0.035524	15502	17.029	57.376	0.991
13.6692	2.99437	49.995	50	50	33.71	0.235	0.013656	15502	17.732	56.337	0.991
13.6614	3.00136	49.999	50.002	50.004	33.62	0.235	0.043843	15502	18.466	50.832	0.99
13.6699	2.9985	49.999	49.999	50	33.63	0.237	0.005832	15502	19.008	47.449	0.989
13.6457	2.99512	49.999	49.999	50.003	33.83	0.238	0.006479	15502	19.891	42.717	0.987
13.6376	2.99536	50.002	50	49.999	33.92	0.232	0.004234	15502	19.992	43.845	0.989
13.6932	3.01098	49.997	50	50.003	33.95	0.232	0.013593	15502	19.831	46.619	0.989
13.6581	2.9932	49.996	50.001	50.002	33.49	0.235	0.005225	15502	18.516	49.263	0.989
13.7107	3.00898	50.004	50.001	50.001	33.99	0.236	0.011184	15502	16.144	61.234	0.987
13.6432	2.99694	50.006	49.997	49.999	34.72	0.24	0.012425	15502	13.861	69.61	0.991
13.658	3.00027	49.999	49.996	49.994	32.78	0.235	0.013804	15502	12.643	68.427	0.99
13.6271	2.99353	50	49.995	49.995	30.91	0.241	0.005306	15502	10.911	67.37	0.99
13.6516	2.99116	50.002	50.001	49.999	29.43	0.243	0.006681	15502	9.631	61.969	0.99
13.615	2.99293	49.999	50.003	49.999	28.53	0.235	0.012618	15502	8.028	71.377	0.986
13.62	2.99344	50.001	49.997	50	27.84	0.25	0.014018	15502	6.939	76.469	0.989
13.6309	2.99266	50.001	49.99	49.997	27.16	0.231	0.005388	15502	6.02	83.064	0.986
13.6676	2.99946	49.998	50.003	50.002	26.73	0.243	0.005986	15502	5.657	85.638	0.989
13.6721	3.00435	49.998	49.994	49.999	26.45	0.238	0.004434	15502	4.94	90.5	0.986
13.6512	2.99527	50	50.001	50.002	26.14	0.246	0.004925	15502	5.172	90.837	0.987
13.6498	2.99206	49.999	50	50.003	28.81	0.244	0.009302	15502	9.369	74.985	0.989
13.6799	3.00045	50.002	50.002	49.998	33.6	0.235	0.010334	15502	12.533	70.011	0.99

13.6723	3.00123	50.001	49.998	49.996	33.95	0.238	0.013012	15502	15.983	61.323	0.99
13.665	2.99809	50.003	49.998	49.996	34.01	0.25	0.024574	15502	18.968	56.551	0.99
13.6917	3.00596	49.998	50.001	49.994	33.95	0.229	0.0273	15502	19.801	53.231	0.99
13.6992	3.0116	49.999	49.998	49.997	33.81	0.238	0.030329	15502	20.554	43.976	0.987
13.6636	2.99485	50	50.002	50	33.65	0.229	0.01982	15502	21.658	42.189	0.987
13.6414	2.99468	49.999	50.003	49.997	33.45	0.234	0.037432	15502	21.939	42.982	0.987
13.6722	3.00209	49.997	50.003	50.003	33.59	0.227	0.014389	15502	22.881	41.894	0.987
13.6522	3.00109	50.001	49.999	50.002	33.74	0.235	0.027175	15502	24.124	36.573	0.986
13.6939	3.00613	50.003	49.998	49.996	33.95	0.237	0.020127	15502	23.493	34.027	0.986
13.6792	3.00154	50.002	49.999	49.996	33.74	0.236	0.013153	15502	23.282	34.077	0.985
13.6857	2.99891	49.997	50	49.998	33.64	0.236	0.008595	15502	22.5	36.551	0.985
13.6591	2.99393	49.999	50.003	49.998	34.01	0.246	0.027596	15502	19.851	47.008	0.985
13.6789	3.00051	50.002	49.999	50.002	34.21	0.235	0.020438	15502	17.27	58.072	0.985
13.6524	3.00216	49.998	49.998	49.999	34.33	0.237	0.0386	15502	14.767	76.255	0.984
13.6896	3.00899	49.999	49.993	50.001	34.28	0.236	0.014838	15502	15.652	68.124	0.985
13.6768	3.0049	49.999	49.995	50.003	34.05	0.239	0.028023	15502	14.525	76.153	0.985
13.6582	2.99885	50.003	50.004	49.998	33.41	0.244	0.010772	15502	13.499	80.31	0.985
13.6553	3.00222	50.001	49.998	50.006	33.3	0.233	0.011968	15502	13.096	84.034	0.984
13.6876	3.00204	50.011	49.997	50.003	32.83	0.242	0.013295	15502	12.271	88.038	0.986
13.6283	2.98512	49.997	49.997	49.997	32.32	0.235	0.01477	15502	11.445	90.916	0.984
13.7015	3.00518	50	50.006	49.999	31.95	0.239	0.009652	15502	11.435	91.574	0.985
13.6468	2.99646	49.999	49.999	49.996	31.88	0.232	0.012153	15502	11.375	92.861	0.985
13.6589	3.00358	50.003	50.002	49.996	33.5	0.227	0.007942	15502	15.068	80.851	0.986
13.6747	3.00165	49.997	50.003	50.005	33.81	0.238	0.014999	15502	16.687	78.081	0.984
13.6766	2.9992	50.001	49.998	49.998	33.72	0.239	0.028327	15502	19.078	68.326	0.984
13.6819	3.00567	50	50.003	50.001	33.74	0.229	0.03147	15502	21.216	63.793	0.983
13.6813	2.99863	50.002	49.999	49.995	33.74	0.242	0.020565	15502	22.5	59.722	0.985
13.6384	2.99668	50	50	50.001	33.43	0.242	0.03884	15502	22.861	57.253	0.984
13.6551	3.00102	50	49.997	50.001	33.48	0.226	0.025382	15502	23.573	53.067	0.983
13.6573	3.0014	50.001	50.002	49.997	33.35	0.242	0.071904	15502	25.447	49.488	0.984
13.6759	3.00345	49.996	49.994	50	33.36	0.238	0.079881	15502	24.775	49.497	0.983
13.7022	3.00359	50	50	50.003	33.57	0.237	0.030707	15502	25.957	48.807	0.983
13.7067	3.00598	50	50.001	50	33.46	0.232	0.020067	15502	25.977	48.29	0.982
13.6802	3.0099	49.999	49.995	49.998	33.56	0.232	0.037898	15502	26.218	46.289	0.982
13.6708	3.00366	50.003	50.003	49.999	33.35	0.227	0.009712	15502	25.667	47.403	0.981
13.6894	3.00024	50.003	49.994	49.999	33.48	0.24	0.018343	15502	23.292	54.126	0.982

13.6428	2.9998	50	50.006	50	34	0.232	0.034642	15502	20.142	67.87	0.983
13.6879	2.99908	50.001	50	49.997	34.04	0.242	0.013317	15502	17.27	82.719	0.981
13.6755	2.99909	50	50.008	50.005	34.18	0.245	0.042755	15502	16.697	84.191	0.984
13.6712	2.99733	49.999	49.994	50	33.98	0.236	0.047498	15502	18.395	73.816	0.982
13.6635	2.99907	49.999	50.006	50	34.01	0.229	0.052768	15502	17.521	76.169	0.983
13.6693	3.00103	50.005	50.001	50.001	34.02	0.235	0.020284	15502	17.34	78.683	0.982
13.6689	2.99824	49.999	49.998	49.996	34.07	0.233	0.065126	15502	17.561	80.142	0.983
13.687	3.00559	49.999	49.995	49.998	34.02	0.239	0.042559	15502	17.561	82.485	0.984
13.6712	3.00144	49.997	50	49.999	33.88	0.244	0.053585	15502	17.521	82.499	0.982
13.658	3.00126	49.999	49.999	49.998	33.99	0.244	0.035018	15502	17.35	82.859	0.984
13.6757	3.00313	50.002	49.997	49.998	33.96	0.241	0.066134	15502	17.662	82.032	0.983
13.6885	2.99838	50	50.004	49.998	33.43	0.228	0	15502	18.928	78.528	0.983
13.6695	3.00297	50	50	50.005	33.68	0.236	0.036881	15502	20.303	73.784	0.984
13.6597	3.00136	49.998	50.001	50.001	33.67	0.223	0.024101	15502	23.062	66.465	0.983
13.6549	2.99344	50	50.003	50	33.85	0.229	0.026775	15502	23.192	66.314	0.985
13.6566	2.99779	50.001	50.002	50.004	33.7	0.235	0.029746	15502	25.727	58.604	0.984
13.6856	2.99922	49.998	50	50.002	33.99	0.229	0.033046	15502	26.738	54.58	0.982
13.6685	3.00239	50	49.998	49.998	33.95	0.239	0.021595	15502	27.299	56.327	0.983
13.6763	2.99981	50.002	50	50	34.04	0.225	0.023991	15502	28.67	47.213	0.983
13.6502	3.00106	49.998	50.006	50	34.06	0.228	0.077027	15502	29.59	45.763	0.983
13.6877	2.99881	50.01	49.998	50	34.11	0.227	0.050337	15502	28.63	49.866	0.982
13.6761	3.00539	49.999	50.002	50	34.04	0.231	0.011382	15502	28.64	49.475	0.982
13.6762	3.00403	49.998	50.002	50.005	33.94	0.239	0.036544	15502	28.01	51.661	0.982
13.6717	2.99907	49.996	49.998	50.001	33.78	0.235	0.004861	15502	24.264	70.854	0.983
13.6825	3.00647	49.997	49.998	50.003	34.04	0.226	0.026531	15502	20.995	80.137	0.983
13.6849	2.99825	49.999	50	50	34.08	0.229	0.005999	15502	19.53	86.995	0.983
13.6686	2.99741	50.002	50	49.997	34.04	0.226	0.032744	15502	19.239	88.079	0.983
13.6705	2.99647	50.001	50.006	50	34.25	0.229	0.021398	15502	18.365	90.733	0.982
13.6786	3.00578	49.997	49.998	50	34.13	0.234	0.023772	15502	17.853	92.57	0.983
13.6909	3.00304	50.002	49.993	49.994	34.05	0.23	0.005375	15502	18.245	92.399	0.984
13.6635	2.99425	50.001	50	50.004	34.04	0.229	0.017259	15502	18.777	91.805	0.982
13.6613	3.00262	49.999	49.997	49.998	34.04	0.226	0.006634	15502	18.435	87.047	0.984
13.6745	2.99884	50	50.003	49.998	34.2	0.239	0.0213	15502	17.411	91.548	0.984
13.6399	2.99393	49.996	49.998	49.999	34.54	0.227	0.015776	15502	16.959	92.879	0.983
13.6894	3.00068	49.995	50.001	50.002	34.05	0.232	0.017526	15502	18.566	87.558	0.983
13.6542	2.99417	50.002	50	50	33.87	0.23	0.01947	15502	20.373	79.277	0.987

13.6524	2.99439	49.999	50	50.001	33.96	0.231	0.012724	15502	21.477	73.029	0.984
13.6751	3.00207	49.997	49.998	50	33.9	0.236	0.014135	15502	22.58	68.16	0.986
13.6658	3.00148	49.998	49.999	49.997	34	0.237	0.009237	15502	21.176	69.61	0.986
13.6729	3.00235	49.999	49.997	50.002	33.93	0.232	0.029658	15502	21.788	72.566	0.986
13.6671	3.00093	50	49.999	49.999	33.49	0.227	0.019381	15502	23.904	61.087	0.985
13.6683	3.00323	50.006	49.997	49.995	33.81	0.235	0.021531	15502	24.375	55.901	0.985
13.6588	3.00041	50	50.001	49.998	33.81	0.231	0.02392	15502	24.725	58.789	0.986
13.6773	3.00313	50	49.995	50.002	33.97	0.23	0.009195	15502	24.425	54.818	0.985
13.6845	3.00065	49.995	49.997	49.998	34.03	0.225	0.085318	15502	23.563	58.673	0.985
13.6758	3.00017	49.997	49.994	50.001	33.99	0.226	0.011348	15502	22.711	59.089	0.986
13.6756	3.00021	50	49.995	49.998	33.64	0.236	0.014288	15502	21.397	62.913	0.985
13.6712	2.99937	50.005	49.996	50.001	33.64	0.233	0.009337	15502	19.219	67.024	0.986
13.6924	3.00148	49.998	49.995	50.001	34.08	0.233	0.010373	15502	17.431	66.848	0.987
13.6957	3.00702	49.997	49.999	49.998	34.72	0.227	0.003988	15502	15.762	72.545	0.989
13.6762	3.00543	50	49.998	49.998	34.09	0.234	0.012803	15502	14.676	77.064	0.987
13.6551	2.9929	50	49.999	49.999	33.34	0.241	0.008367	15502	13.901	79.848	0.986
13.6781	2.99933	50	49.999	50.002	32.54	0.24	0.010534	15502	13.137	82.715	0.987
13.6708	3.00174	50	50.002	50.006	31.97	0.224	0.011703	15502	12.603	84.395	0.987
13.6928	3.00125	50	49.998	50.005	31.6	0.228	0.014735	15502	12.271	85.457	0.987
13.6834	3.00055	50.002	49.997	50.003	31.2	0.239	0.009629	15502	12.09	85.273	0.987
13.6766	2.99776	50	49.996	50.002	30.97	0.228	0.030915	15502	11.526	88.176	0.988
13.6553	3.00365	50.004	49.997	50	31.31	0.228	0.013468	15502	11.646	90.212	0.987
13.6148	2.99394	49.999	50.002	49.999	33.45	0.23	0.025437	15502	14.384	83.511	0.987
13.6859	2.99873	50.004	50	49.991	33.95	0.233	0.016623	15502	17.099	75.502	0.987
13.6829	2.99652	50.002	49.999	49.999	33.97	0.233	0.031394	15502	19.681	62.748	0.989
13.6786	3.00704	49.999	49.999	49.999	33.99	0.244	0.020516	15502	21.196	59.669	0.986
13.7243	3.01704	49.998	49.994	50.004	33.88	0.234	0.013407	15502	22.671	55.253	0.987
13.6759	3.00016	49.997	49.999	49.996	33.89	0.226	0.02532	15502	23.553	52.148	0.989
13.6899	3.00181	49.999	49.999	50.002	33.7	0.232	0.016547	15502	24.244	50.49	0.985
13.6794	2.99801	49.997	50.001	49.996	33.65	0.232	0.03125	15502	25.447	46.295	0.987
13.6711	3.00445	50	50.002	50.001	33.91	0.242	0.020422	15502	26.398	50	0.986
13.6963	3.00443	49.999	49.998	49.999	33.98	0.238	0.022687	15502	25.867	46.51	0.985
13.6888	3.0076	50.005	49.999	50.001	34.04	0.227	0.025204	15502	26.758	44.465	0.983
13.6581	2.99742	50	50	49.998	33.91	0.227	0.018667	15502	25.387	47.76	0.982
13.6336	2.98861	50.005	49.996	49.997	33.75	0.232	0.020738	15502	24.585	50.823	0.983
13.6374	2.99506	50	50.001	50.004	33.99	0.227	0.023039	15502	22.741	59.82	0.982

13.6589	3.00059	50.01	49.995	49.998	34	0.236	0.025595	15502	20.554	65.222	0.981
13.676	3.00374	49.998	49.999	49.997	34.04	0.232	0.005788	15502	19.229	68.27	0.981
13.6425	2.99984	49.997	50.003	49.998	34.01	0.239	0.031589	15502	17.783	72.206	0.98
13.6606	2.99438	50.001	50.001	49.996	34.09	0.231	0.012143	15502	17.079	75.685	0.981
13.6827	3.0067	49.996	50.004	50.002	34.26	0.229	0.01349	15502	16.687	77.434	0.981
13.6628	3.00437	50.001	50.002	50	34.04	0.233	0.025478	15502	16.607	79.526	0.981
13.6584	2.99381	50.007	49.997	50.008	34.04	0.241	0.048117	15502	17.843	79.331	0.98
13.6592	2.99727	50.001	50.001	50	33.97	0.238	0.090874	15502	19.199	76.539	0.979
13.6693	2.99742	49.998	50	49.998	33.62	0.228	0.039591	15502	19.691	74.986	0.979
13.6717	2.99583	49.999	50.001	49.996	33.9	0.228	0.025872	15502	19.932	76.397	0.979
13.6798	2.99758	49.997	50	50.001	33.86	0.232	0.048862	15502	20.574	76.528	0.977
13.6238	2.9943	50.002	50.004	50	34.17	0.225	0.021288	15502	18.476	90.108	0.98
13.6629	3.00221	49.997	49.997	50	33.55	0.238	0.040204	15502	18.285	94.143	0.978
13.6734	2.99762	50.003	49.996	50.002	33.49	0.229	0.075929	15502	19.359	93.189	0.977
13.6564	3.00208	50.003	50.001	50.006	33.95	0.226	0.029188	15502	19.671	93.426	0.976
13.6723	2.99782	50.005	49.998	50	33.35	0.232	0.019074	15502	22.4	84.907	0.975
13.6614	2.99879	50.002	50	50.006	33.29	0.224	0.040826	15502	24.214	81.559	0.976
13.6729	3.00478	50.002	50	49.999	33.41	0.226	0.02668	15502	24.405	81.964	0.974
13.6252	2.99275	49.997	50	50.003	33.39	0.241	0.02964	15502	26.218	78.676	0.974
13.688	3.00743	50.003	50.004	50	33.57	0.231	0.019369	15502	23.503	83.028	0.972
13.6503	2.99566	50	50.005	50.006	33.5	0.232	0.004964	15502	22.47	81.979	0.973
13.6475	2.99709	50.002	50.001	50.003	33.35	0.227	0.027093	15502	23.172	84.58	0.972
13.6888	3.00205	49.995	49.997	50.006	33.39	0.241	0.051168	15502	23.052	88.369	0.97
13.6948	3.0076	50	50.002	50.001	33.38	0.233	0.01157	15502	22.159	92.341	0.974
13.6582	3.00029	50.001	49.998	50.001	33.49	0.229	0.014568	15502	20.704	93.078	0.972
13.6449	2.99323	50.001	50	49.996	33.39	0.241	0.027513	15502	20.925	91.332	0.972
13.6563	2.99439	49.998	50.001	50	33.69	0.233	0.017979	15502	20.564	90.207	0.972
13.6405	2.99374	49.998	50.003	49.998	34.01	0.233	0.011749	15502	19.329	92.015	0.974
13.72	3.00642	50.001	50.003	49.997	33.5	0.229	0.007678	15502	19.329	90.323	0.975
13.6404	2.99376	50	49.996	49.998	33.4	0.231	0.014501	15502	19.028	92.007	0.974
13.6326	2.99683	49.998	50.001	49.997	33.45	0.235	0.01074	15502	19.028	92.418	0.975
13.6657	2.99453	49.999	50	49.999	33.4	0.244	0.034482	15502	19.138	93.129	0.975
13.6702	3.0017	49.997	49.999	50.005	33.49	0.231	0.011696	15502	18.968	93.627	0.975
13.6733	3.00035	49.995	50	50.001	34.03	0.239	0.012993	15502	18.646	94.35	0.974
13.6597	2.99459	50.004	50.005	50	33.47	0.235	0.008491	15502	19.319	91.989	0.974
13.707	3.00627	50.004	50.006	50.001	33.37	0.231	0.016036	15502	20.444	85.401	0.974

13.6697	3.00073	49.995	50.001	49.999	33.36	0.24	0.020191	15502	21.838	79.536	0.976
13.6571	3.00483	49.999	50.004	49.998	33.46	0.23	0.022431	15502	23.483	73.663	0.976
13.6822	3.00122	49.998	50.001	50	33.4	0.241	0.024919	15502	24.755	69.011	0.976
13.6746	3.00439	50.003	49.996	50	33.4	0.231	0.031375	15502	25.827	61.09	0.974
13.6566	3.00036	50.001	49.998	50.002	33.35	0.228	0.034856	15502	26.849	53.201	0.974
13.6662	2.99472	50.006	50	50.002	33.35	0.241	0.038723	15502	27.429	52.738	0.975
13.677	2.99838	50.003	50.001	50	33.35	0.226	0.025305	15502	28.2	44.465	0.972
13.6905	3.00849	49.997	50.002	49.997	33.36	0.233	0.009727	15502	27.589	49.958	0.972
13.6755	2.99928	50	50.005	50.003	33.63	0.227	0.031231	15502	21.638	61.621	0.975
13.6462	2.99012	49.998	50	49.994	33.79	0.229	0.058984	15502	20.524	82.772	0.975
13.6681	2.99552	50.002	49.997	49.997	33.35	0.241	0.043685	15502	21.939	82.298	0.975
13.6389	2.99334	49.998	49.996	50	33.4	0.233	0.016793	15502	20.735	80.365	0.974
13.6719	2.99466	49.999	49.999	49.999	33.87	0.236	0.006455	15502	17.652	91.792	0.976
13.6753	3.005	50.004	50.002	50.002	33.98	0.231	0.013817	15502	16.938	92.714	0.976
13.6682	3.00486	50.002	49.998	49.999	34.54	0.228	0.01535	15502	16.134	92.799	0.978
13.7116	3.00898	50.001	50.003	50.001	34.21	0.241	0.02899	15502	15.652	94.959	0.975
13.6821	3.00257	49.998	49.999	50	34.72	0.247	0.018945	15502	15.209	95.143	0.977
13.6599	3.00036	50.003	50.003	49.997	34.74	0.241	0.01238	15502	14.666	95.49	0.978
13.6651	2.9955	49.994	50.002	50.001	34.7	0.231	0.026499	15502	14.143	95.732	0.978
13.6515	2.99723	50.004	50.006	49.996	34.37	0.236	0.017317	15502	13.922	95.968	0.978
13.6729	3.00596	50	50.003	50	34.12	0.239	0.019238	15502	13.72	96.103	0.977
13.6628	3.00577	50	50.001	50.001	34.09	0.227	0.036333	15502	14.022	96.442	0.979
13.6991	3.00493	50	50.001	50.005	34.09	0.23	0.023744	15502	15.501	95.974	0.977
13.6779	3.00413	50	49.988	50.003	33.43	0.244	0.017585	15502	18.817	84.631	0.978
13.6852	3.00694	49.996	49.999	50.005	33.45	0.233	0.033212	15502	22.199	72.645	0.979
13.6734	2.99579	50	50.002	50.003	33.65	0.231	0.021704	15502	25.567	60.957	0.979
13.6623	3.00169	50.002	50.002	50.001	33.73	0.229	0.024111	15502	26.478	47.11	0.978
13.6571	2.9991	49.998	50	49.997	33.59	0.24	0	15502	27.369	47.219	0.978
13.6537	2.99687	49.998	49.998	49.997	33.47	0.241	0.026522	15502	28.48	41.802	0.978
13.6879	3.0058	49.992	50.002	50	33.38	0.231	0.029464	15502	29.15	43.565	0.977
13.6631	2.99389	49.999	50.004	49.996	33.73	0.224	0.019255	15502	29.88	39.147	0.977
13.6368	2.99655	50.001	50	50.001	34	0.226	0.036364	15502	30.88	40.626	0.975
13.6651	3.00206	50.001	50.003	49.997	34.02	0.23	0.023764	15502	30.95	41.866	0.976
13.6741	2.99046	49.996	49.997	49.999	33.98	0.228	0.0264	15502	30.91	39.665	0.975
13.6727	3.00021	50.002	49.999	49.999	33.42	0.228	0.017252	15502	30.1	41.365	0.975
13.6806	3.00207	50.001	49.998	50.003	33.35	0.228	0.021722	15502	27.99	48.346	0.974

13.6635	3.00262	50.003	49.998	49.996	33.49	0.226	0.041024	15502	26.328	54.868	0.975
13.6796	3.0062	50	50.006	50.007	33.51	0.233	0.077478	15502	25.717	57.184	0.975
13.6531	2.99205	50.005	50.004	49.998	33.41	0.237	0.01168	15502	24.445	64.363	0.975
13.7104	3.01026	49.999	49.997	50.002	33.36	0.228	0.037499	15502	23.783	68.292	0.974
13.6627	2.99909	50	50.003	50.004	33.44	0.229	0.070821	15502	23.683	69.616	0.975
13.6527	2.99828	50.003	50	50	33.41	0.224	0.030854	15502	23.072	71.923	0.974
13.6829	3.00222	49.998	49.996	49.999	33.62	0.226	0.034277	15502	22.159	74.773	0.972
13.6533	2.99225	50.005	50.002	50.008	33.55	0.228	0.03808	15502	21.928	76.322	0.972
13.6816	3.00542	50.001	50.001	50.001	33.62	0.239	0.071918	15502	21.928	76.134	0.974
13.6489	2.99613	49.998	50.004	50.005	33.54	0.23	0.016262	15502	21.989	75.337	0.972
13.6705	3.00234	50	49.997	49.998	33.73	0.228	0.018067	15502	21.056	83.748	0.975
13.6679	3.0002	49.999	50.001	50	33.41	0.23	0.020071	15502	24.345	69.594	0.976
13.6668	3.0028	49.998	49.998	50.003	33.35	0.225	0.025271	15502	23.302	71.239	0.975
13.6753	3.00383	49.996	49.998	49.999	33.34	0.229	0.028074	15502	26.158	66.213	0.976
13.6899	2.99919	50.001	50.002	49.997	33.39	0.231	0.031189	15502	27.919	59.401	0.974
13.6784	2.99658	49.997	49.998	49.999	33.39	0.224	0.034649	15502	29.04	58.548	0.976
13.678	3.00498	49.999	50	49.994	33.41	0.229	0.015095	15502	29.59	57.913	0.975
13.6766	3.00387	49.999	50.002	50	33.41	0.23	0.048465	15502	31.1	56.625	0.974
13.6746	3.00552	50.002	50.002	50.002	33.58	0.241	0.091532	15502	32.149	55.019	0.974
13.653	2.99211	50.001	50	50.001	33.82	0.229	0.059815	15502	32.528	52.23	0.975
13.6932	3.00744	49.996	49.996	50.001	33.99	0.224	0.013526	15502	32.019	52.195	0.972
13.6854	3.00502	49.996	49.998	50.004	33.52	0.231	0.025545	15502	31.449	57.149	0.972
13.7011	3.0029	50.003	49.994	49.999	33.44	0.243	0.028379	15502	29.38	61.926	0.972
13.6614	2.99723	49.999	50.001	49.997	33.37	0.226	0.021018	15502	26.919	57.298	0.975
13.6692	3.00113	49.996	50.003	50.001	33.5	0.241	0.013735	15502	24.806	67.927	0.975
13.691	3.00806	50.004	49.995	49.999	33.46	0.232	0.074967	15502	24.976	65.218	0.975
13.7151	3.00578	50.002	50.001	50	33.45	0.242	0.016952	15502	23.773	69.86	0.978
13.6869	3.00034	50.003	49.999	50.002	33.43	0.234	0.054426	15502	22.58	76.75	0.977
13.6453	3.00027	50.003	49.998	50	33.66	0.233	0.020922	15502	21.818	79.505	0.977
13.6582	3.00311	50.003	50.001	50	33.42	0.232	0.003154	15502	21.718	80.058	0.979
13.6713	2.99568	49.998	49.999	49.999	33.38	0.227	0.017214	15502	21.296	79.133	0.978
13.6351	2.99254	49.997	49.997	49.999	33.39	0.226	0.006617	15502	20.474	83.466	0.976
13.6742	3.00321	50.005	49.996	49.998	33.5	0.244	0.012498	15502	20.343	83.662	0.976
13.6683	2.99988	49.996	50	50.006	33.52	0.228	0.015735	15502	20.193	86.958	0.977
13.6677	3.00317	50.002	50	50.003	33.47	0.231	0.05052	15502	21.116	85.681	0.979
13.6735	2.99809	50.004	49.999	49.997	33.36	0.242	0.033015	15502	22.661	82.021	0.977

13.6654	3.00041	49.999	50	50	33.35	0.234	0.062351	15502	23.713	76.63	0.978
13.6497	2.99829	50.001	49.999	49.996	33.35	0.241	0.040746	15502	25.276	69.621	0.979
13.6751	3.00312	50.002	50.001	50.004	33.51	0.23	0.045267	15502	26.288	66.909	0.978
13.6861	3.00831	49.998	50	50.004	33.57	0.233	0.033526	15502	27.009	64.196	0.977
13.6621	2.99587	49.997	50.002	50.002	33.6	0.233	0.063317	15502	28.72	62.399	0.977
13.6302	2.99734	50.002	50	50	33.9	0.233	0.041377	15502	28.49	62.544	0.979
13.6784	3.00509	49.999	49.999	49.998	33.96	0.236	0.02704	15502	29.03	63.358	0.975
13.6767	3.00468	49.999	49.999	50	33.82	0.225	0.086815	15502	29.87	65.361	0.977
13.6807	2.99996	49.998	50.001	49.996	33.64	0.24	0.056733	15502	28.3	69.938	0.976
13.6955	3.01181	50.002	50	50	33.35	0.238	0.063027	15502	25.657	67.788	0.975
13.6873	3.00595	49.997	49.996	50.004	33.38	0.229	0.024228	15502	22.741	72.582	0.975
13.6755	2.99928	49.998	49.999	50.001	33.37	0.225	0.077788	15502	21.668	75.219	0.976
13.6902	3.00049	49.999	49.995	50.003	33.38	0.235	0.01759	15502	20.875	79.253	0.976
13.6745	3.00394	49.994	50.005	50.003	33.5	0.236	0.022147	15502	20.303	83	0.976
13.6645	2.99492	49.998	49.998	49.997	33.83	0.233	0.008513	15502	19.61	89.691	0.976
13.7077	3.01197	49.997	49.999	49.999	33.99	0.228	0.016078	15502	19.209	93.462	0.974
13.6623	2.99648	50.001	50	49.997	33.55	0.233	0.030366	15502	19.731	94.456	0.975
13.6582	3.00107	50	50.001	49.997	33.45	0.229	0.011673	15502	19.942	93.723	0.976
13.6632	2.99812	50.001	49.998	50.004	33.42	0.236	0.007628	15502	18.486	95.238	0.972
13.682	3.00019	50.001	50.001	49.999	33.94	0.246	0.016327	15502	19.098	95.732	0.972
13.6689	2.99596	49.998	49.996	49.999	33.43	0.233	0.01067	15502	18.897	95.546	0.976
13.6773	3.00389	49.999	50.002	50.004	33.82	0.226	0.006973	15502	19.751	95.465	0.976
13.6612	2.99355	50.002	49.999	49.998	33.58	0.227	0.014924	15502	19.651	95.061	0.977
13.6592	2.99859	50.002	50.001	49.999	33.43	0.237	0.01658	15502	19.821	95.417	0.977
13.6941	3.00281	50.001	50.001	49.995	33.54	0.231	0.01842	15502	20.112	92.375	0.977
13.6456	2.99763	50.003	49.996	50	33.35	0.244	0.007081	15502	20.273	92.692	0.978
13.6778	2.99427	49.997	49.998	50	33.35	0.236	0.022733	15502	21.417	90.565	0.978
13.6581	3.00162	50.008	50.001	49.996	33.37	0.235	0.016837	15502	22.941	86.03	0.977
13.6399	2.98722	49.998	50.001	50.008	33.41	0.241	0.018705	15502	23.082	87.398	0.979
13.6866	3.01064	49.998	50.004	49.997	33.48	0.238	0.02078	15502	24.164	86.463	0.977
13.6425	2.99537	50.005	50.003	50	33.5	0.225	0.039245	15502	23.793	87.023	0.978
13.6926	3.0024	50.004	49.997	49.997	33.45	0.246	0.015086	15502	21.317	88.487	0.977
13.6615	2.99234	50	49.999	49.997	33.65	0.226	0.01676	15502	18.908	90.078	0.978
13.6906	3.00018	50.005	50	50	33.97	0.236	0.05381	15502	17.923	89.483	0.98
13.6535	3.0009	49.995	50.002	49.998	33.98	0.24	0.023443	15502	17.28	89.184	0.98
13.6591	3.00149	50.004	50.002	50.002	34.03	0.236	0.01532	15502	16.476	89.936	0.98

13.6722	3.0017	49.998	49.998	49.993	34.45	0.226	0.005889	15502	16.345	90.248	0.981
13.6608	3.00325	49.997	49.997	49.999	33.9	0.242	0.011122	15502	16.114	89.986	0.979
13.6405	2.99409	49.998	50.001	49.998	34.62	0.244	0.021005	15502	15.561	91.122	0.983
13.6693	3.00451	50	49.996	50.007	34.76	0.228	0.015557	15502	15.169	93.035	0.983
13.6673	3.00542	49.998	50.002	50.002	34.04	0.235	0.017283	15502	15.008	93.894	0.982
13.6614	3.00072	50.005	49.998	50.006	34.72	0.236	0.021761	15502	14.938	94.94	0.979
13.6744	3.00358	50.001	50.001	50.001	34.62	0.248	0.008365	15502	15.008	95.864	0.98
13.6812	2.99903	49.999	50.001	50.004	34.22	0.242	0.010532	15502	15.189	96.167	0.98
13.6689	3.00506	50	50.001	50	34.59	0.227	0.011701	15502	15.41	96.355	0.979
13.648	2.99841	50	49.993	49.996	34.56	0.232	0.001764	15502	15.963	96.571	0.981
13.6538	2.99969	49.999	50.001	49.997	34.03	0.229	0.009627	15502	16.436	96.68	0.981
13.6507	2.9935	49.999	49.999	50.001	33.57	0.243	0.010695	15502	17.561	96.213	0.982
13.658	2.99703	49.999	50	50.002	33.35	0.232	0.034338	15502	19.871	90.598	0.982
13.6513	2.99535	50.003	49.995	50.001	33.37	0.242	0.038148	15502	22.711	84.425	0.981
13.698	3.00614	50.004	49.999	49.997	33.36	0.238	0.014664	15502	25.827	74.341	0.981
13.6543	2.99369	50.003	50.003	50	33.5	0.231	0.016291	15502	26.588	73.626	0.982
13.6671	2.995	49.999	50.001	50.004	33.36	0.248	0.059279	15502	27.809	69.85	0.981
13.6783	3.0038	50.004	49.998	50.003	33.44	0.237	0.038739	15502	27.369	73.837	0.98
13.6751	3.00656	49.998	49.999	50	33.38	0.228	0.073162	15502	28.44	71.575	0.98
13.6797	2.99536	50.002	50.003	50	33.92	0.236	0.028124	15502	31.07	64.9	0.979
13.6824	3.00403	50.001	49.999	50.003	33.89	0.229	0.03541	15502	26.598	86.727	0.979
13.6538	2.99662	50	50.002	49.997	33.65	0.232	0.02314	15502	21.778	93.653	0.979
13.666	3.00212	49.998	49.999	49.996	33.63	0.226	0.015122	15502	21.236	89.472	0.981
13.6605	3.00368	50	49.999	49.999	33.44	0.232	0.0168	15502	20.815	93.928	0.98
13.6999	3.00618	50	49.999	50.004	33.42	0.233	0.012442	15502	20.594	94.866	0.979
13.6711	3.0012	50	49.997	49.994	33.53	0.236	0.008131	15502	20.484	95.466	0.98
13.6765	3.00585	50.002	49.998	49.998	33.5	0.233	0.026106	15502	20.434	95.269	0.98
13.6706	2.99564	50	49.997	49.994	33.66	0.227	0.010035	15502	20.373	96.229	0.98
13.6669	3.0037	49.999	50.001	50	33.41	0.237	0.012635	15502	20.594	96.2	0.979
13.6437	3.00134	50.003	50	49.999	33.55	0.229	0.008257	15502	20.694	95.606	0.98
13.6666	3.00568	50.002	50.002	50.003	33.47	0.244	0.015594	15502	20.855	94.662	0.98
13.6805	3.00669	50	50.004	50.006	33.46	0.232	0.050067	15502	20.664	94.296	0.98
13.6693	3.00285	49.999	50	49.999	33.54	0.226	0.019246	15502	20.413	95.236	0.98
13.6708	3.00318	50.008	50.005	50	33.5	0.231	0.021381	15502	20.735	96.304	0.979
13.6763	3.00098	50.001	49.998	50.003	33.36	0.238	0.013973	15502	20.875	96.384	0.98
13.6742	2.99287	49.996	50.003	49.998	33.53	0.234	0.015523	15502	21.457	94.73	0.979

13.6698	3.00013	49.995	50.002	49.999	33.36	0.234	0.019544	15502	22.269	91.761	0.979
13.6669	2.99458	49.999	49.999	50.005	33.35	0.235	0.036911	15502	23.603	86.978	0.981
13.6411	2.99369	50.002	50.001	50.001	33.38	0.239	0.069711	15502	24.936	80.931	0.982
13.6561	3.00247	50.002	50.002	50.002	33.43	0.226	0.077445	15502	26.688	72.972	0.979
13.6923	2.99155	49.999	49.996	50.006	33.4	0.241	0.019847	15502	26.899	73.545	0.981
13.659	3.00167	50	49.999	49.996	33.36	0.232	0.063721	15502	27.829	69.246	0.98
13.6728	2.99832	50	50.003	50.005	33.49	0.231	0.024495	15502	28.4	64.577	0.98
13.6469	2.99821	49.999	49.998	50	33.69	0.235	0.078644	15502	29.17	64.765	0.98
13.6759	2.99688	50.001	49.997	50.003	33.66	0.231	0.034262	15502	28.08	65.981	0.981
13.6656	2.99749	50.001	50	50	33.55	0.231	0.038064	15502	27.389	70.205	0.98
13.664	2.9992	49.999	49.998	49.994	33.52	0.242	0.016583	15502	28.04	68.645	0.979
13.6442	2.99794	49.999	50.002	50.003	33.45	0.233	0.016255	15502	22.49	90.399	0.979
13.7021	3.00443	50	50.002	50	33.35	0.233	0.012039	15502	23.062	90.325	0.979
13.634	2.99498	49.998	49.999	49.997	33.37	0.234	0.013375	15502	22.821	89.234	0.98
13.6929	3.00802	49.999	49.999	50.002	33.56	0.23	0.014859	15502	21.768	93.306	0.983
13.6453	2.99279	50	49.999	49.999	33.41	0.239	0.00971	15502	21.337	94.789	0.983
13.6419	2.99542	50.002	50	49.997	33.38	0.24	0.010787	15502	22.029	93.281	0.982
13.6691	2.99658	50.003	50.003	49.999	33.37	0.231	0.023089	15502	21.999	94.008	0.983
13.6898	3.0025	49.997	50.003	49.995	33.5	0.244	0.025651	15502	21.959	94.998	0.981
13.6815	2.99868	49.999	50.002	50.004	33.44	0.232	0.016763	15502	21.587	94.356	0.981
13.6783	2.99861	50.001	50.003	50.001	33.35	0.234	0.006444	15502	21.587	93.946	0.981
13.6469	2.99512	50.004	50.001	49.992	33.43	0.23	0.01217	15502	21.738	94.122	0.981
13.6947	3.01044	50.006	49.998	50	33.37	0.247	0.015322	15502	22.39	92.213	0.982
13.684	2.99907	50.002	49.996	49.998	33.35	0.229	0.017022	15502	23.342	89.361	0.982
13.6822	2.99853	49.997	50.004	49.997	33.36	0.246	0.032148	15502	25.226	83.257	0.981
13.674	3.00314	50.002	50.003	49.998	33.39	0.229	0.004846	15502	22.761	93.145	0.981
13.6242	2.99273	49.997	50.004	49.996	33.35	0.238	0.044968	15502	24.745	86.123	0.983
13.676	2.99775	49.998	50.005	50.002	33.38	0.239	0.017286	15502	26.148	81.322	0.981
13.6721	2.9961	49.999	49.997	49.997	33.37	0.236	0.032646	15502	27.839	73.866	0.981
13.6764	2.997	50.002	49.995	50	33.36	0.244	0.061656	15502	28.49	69.886	0.979
13.6946	3.01083	50	50.004	50.001	33.42	0.228	0.023701	15502	28.97	70.551	0.979
13.6853	3.00599	49.997	50	50.002	33.47	0.231	0.044762	15502	27.909	73.908	0.979
13.6863	2.99989	49.994	49.997	50.003	33.35	0.244	0.056358	15502	28.18	71.41	0.979
13.652	2.99192	50.003	50	50	33.36	0.231	0.012744	15502	24.264	87.603	0.98
13.67	2.98792	49.997	50.005	50.01	33.48	0.235	0.008328	15502	20.594	94.953	0.98
13.655	2.99765	50	49.998	50	33.36	0.232	0.015728	15502	20.694	95.4	0.979

13.6658	3.00073	50.007	50.001	50.003	33.41	0.234	0.029705	15502	20.805	95.813	0.982
13.6605	3.00161	50.002	50.002	50.003	33.49	0.238	0.012941	15502	21.056	95.969	0.98
13.6721	3.00416	50.002	50.001	50.002	33.43	0.225	0.008457	15502	21.016	96.069	0.983
13.6576	3.00167	50.003	49.995	49.995	33.69	0.237	0.005527	15502	21.196	96.009	0.981
13.6564	3.00005	50.001	50.002	49.999	33.46	0.232	0.00614	15502	20.975	95.814	0.982
13.6567	3.00014	50.007	50.003	50.004	33.72	0.229	0.004547	15502	20.283	95.715	0.982
13.6743	2.99043	50.003	49.998	50	33.73	0.246	0.0146	15502	19.58	94.012	0.982
13.671	3.00608	49.998	50.001	50.001	33.56	0.235	0.005612	15502	19.289	93.214	0.983
13.6734	3.0005	49.998	50	49.995	33.98	0.235	0.010599	15502	19.229	89.052	0.985
13.6437	2.99267	50.001	50	49.999	34.03	0.237	0.013345	15502	18.938	91.247	0.987
13.6631	3.0016	49.999	50.001	50.001	33.53	0.233	0.025204	15502	20.484	85.361	0.986
13.6673	3.00181	49.994	49.996	50	33.53	0.239	0.016471	15502	21.497	75.185	0.986
13.6611	2.99356	49.997	49.995	50	33.45	0.239	0.020738	15502	22.33	66.627	0.988
13.6841	3.00471	50.002	50.003	49.999	33.55	0.233	0.007972	15502	23.382	61.273	0.989
13.6481	2.98988	50	50.002	49.997	33.57	0.234	0.04351	15502	24.305	56.263	0.989
13.6717	3.00327	49.998	50.001	49.998	33.64	0.249	0.09313	15502	25.377	54.608	0.987
13.6819	3.00762	50.001	49.998	50	33.49	0.238	0.06086	15502	24.926	55.701	0.986
13.7041	3.01386	50.001	50.001	49.997	33.37	0.241	0.067612	15502	25.507	49.787	0.987
13.6656	3.00323	50.001	50.002	49.998	33.56	0.235	0.075113	15502	26.148	45.091	0.987
13.6563	2.99569	50.003	50	50.004	33.81	0.232	0.083446	15502	25.577	48.045	0.987
13.6416	2.98893	50.004	49.999	50.001	33.87	0.249	0.061802	15502	26.368	44.752	0.986
13.6868	3.00168	50.001	49.998	49.999	33.79	0.231	0.023757	15502	26.218	44.968	0.985
13.695	2.99883	49.997	49.998	49.999	33.54	0.249	0.044868	15502	23.443	55.083	0.985
13.6593	3.0014	49.999	49.996	50.002	33.77	0.24	0.010146	15502	21.246	58.531	0.987
13.6623	3.00015	50.002	50.001	49.997	33.97	0.234	0.032574	15502	18.777	62.187	0.987
13.695	3.0081	50.001	50	50	34.04	0.247	0.024125	15502	17.481	71.904	0.985
13.7102	3.00944	49.999	50.002	50.005	33.86	0.236	0.015766	15502	17.22	66.387	0.986
13.6754	2.9965	49.996	49.996	50.001	34.09	0.24	0.017515	15502	16.114	68.902	0.988
13.6864	3.00024	50.001	49.997	50	34.72	0.232	0.022052	15502	15.933	69.48	0.987
13.6595	2.99303	50.002	50.002	50.002	34.04	0.237	0.024499	15502	15.511	71.066	0.987
13.6706	3.00279	49.997	49.999	50.002	34.73	0.248	0.010673	15502	15.672	64.613	0.985
13.6624	2.99767	50.004	50.01	50.004	34.04	0.232	0.020158	15502	15.601	68.67	0.986
13.6821	3.002	50.001	50	49.997	34.15	0.244	0.022394	15502	15.541	71.774	0.986
13.6773	2.99834	49.999	49.999	50.001	34.67	0.246	0.008608	15502	14.344	83.064	0.985
13.6796	3.00488	50.003	49.995	50	34.72	0.242	0.031324	15502	14.002	89.179	0.983
13.6849	3.00537	50.001	50.002	49.997	34.06	0.247	0.007083	15502	14.022	90.729	0.985

13.6875	3.00526	50.002	50	50	34.04	0.238	0.015161	15502	13.72	92.037	0.983
13.6759	3.00296	50.007	50.003	50	34.03	0.24	0.016842	15502	14.787	88.961	0.985
13.6742	2.99818	49.998	50.002	50.001	33.82	0.242	0.018711	15502	16.034	86.923	0.984
13.6901	2.99816	49.998	50.002	50	33.39	0.238	0.035338	15502	17.903	82.587	0.985
13.6672	3.00257	50	50	49.999	33.38	0.24	0.039258	15502	18.486	82.972	0.984
13.6395	2.99569	50.003	50.003	50.003	33.35	0.236	0.025655	15502	19.771	82.25	0.983
13.7009	3.0078	49.995	49.998	49.998	33.39	0.235	0.016765	15502	20.624	80.393	0.982
13.652	3.00108	49.996	50	49.999	33.52	0.229	0.018625	15502	21.658	77.681	0.981
13.6471	2.99448	49.999	50.004	50.001	33.46	0.231	0.059799	15502	22.179	78.345	0.981
13.6899	2.99973	50.002	49.999	49.996	33.45	0.234	0.015325	15502	22.871	77.398	0.981
13.6584	3.0018	50	50.001	50.002	33.41	0.244	0.017025	15502	21.718	83.696	0.981
13.6997	3.0047	50.001	49.999	49.998	33.66	0.233	0.018914	15502	21.577	85.441	0.981
13.6823	3.00505	49.995	50.003	49.999	33.69	0.246	0.007271	15502	20.614	89.272	0.981
13.6628	2.99472	50.002	49.999	49.996	33.81	0.231	0.009154	15502	19.42	93.316	0.981
13.688	3.00914	49.996	50.002	50.003	34.03	0.235	0.025933	15502	18.958	94.832	0.982
13.6859	3.00118	49.999	50	49.998	33.77	0.237	0.005864	15502	18.867	94.897	0.982
13.6647	2.99176	50.001	50.002	50.005	33.52	0.239	0.021338	15502	18.757	95.203	0.982
13.6539	2.99484	50.004	50.001	50.006	34.04	0.233	0.040298	15502	18.636	95.718	0.983
13.6792	2.99549	49.995	50	50.02	33.47	0.229	0.026335	15502	20.203	96.316	0.982
13.7185	3.01438	50.002	50.001	50	33.8	0.231	0.049736	15502	20.935	96.289	0.981
13.6754	2.99525	50	50.001	50.005	33.39	0.228	0.032502	15502	21.557	96.237	0.982
13.6614	2.99422	50.002	49.994	50	33.61	0.234	0.02124	15502	21.949	95.13	0.982
13.6756	3.00213	50	50.001	50	33.38	0.234	0.008165	15502	22.39	93.235	0.98
13.6952	3.00924	49.999	50.001	49.998	33.57	0.231	0.01028	15502	21.638	94.23	0.981
13.6657	2.99786	50.003	49.998	49.997	33.39	0.235	0.019415	15502	22.58	88.232	0.982
13.6629	2.99987	50.004	49.999	50.004	33.56	0.228	0.021569	15502	24.786	84.235	0.982
13.6697	3.00137	50.007	50.003	50.002	33.5	0.236	0.035943	15502	24.906	82.644	0.982
13.6791	2.9999	49.998	50	49.998	33.35	0.227	0.067882	15502	25.917	74.802	0.981
13.6732	3.00208	50	49.999	50.003	33.38	0.233	0.04436	15502	25.777	70.682	0.982
13.6573	2.99375	50	50	50	33.38	0.231	0.049282	15502	25.427	63.399	0.983
13.6549	2.9925	50	49.998	50.002	33.36	0.225	0.032205	15502	25.447	62.805	0.981
13.6801	3.0009	50.001	50	49.997	33.43	0.243	0.01238	15502	24.926	63.732	0.982
13.6574	2.99663	49.997	49.997	50.004	33.35	0.238	0.023381	15502	24.264	63.148	0.982
13.671	3.00309	49.998	49.997	49.999	33.37	0.237	0.025975	15502	23.984	62.119	0.982
13.6701	2.99946	50.004	50.005	50.001	33.44	0.23	0.043285	15502	23.693	68.906	0.983
13.6714	2.99709	50.002	50.007	49.999	33.65	0.236	0.018858	15502	22.33	77.047	0.983

13.6792	2.99691	50	50.005	49.997	34.02	0.238	0.035615	15502	20.193	89.264	0.982
13.6853	2.99901	49.999	50.001	50	34.06	0.232	0.039566	15502	19.199	92.918	0.982
13.7051	3.00612	49.997	49.998	50.002	34.02	0.23	0.025856	15502	19.128	80.301	0.983
13.6564	2.99279	50.003	49.997	49.993	34.32	0.232	0.014909	15502	17.963	75.81	0.984
13.6654	2.99957	50.003	49.995	49.997	33.95	0.231	0.009743	15502	16.918	78.649	0.985
13.6651	2.99352	49.999	50.001	49.998	34.74	0.243	0.010824	15502	15.933	82.664	0.984
13.6672	2.99674	50.001	50.003	50.003	34.74	0.238	0.013628	15502	15.199	83.796	0.985
13.6725	3.00394	50.004	50.007	50.002	34.18	0.232	0.01514	15502	14.525	84.993	0.984
13.723	3.00976	50.007	49.997	50.002	33.4	0.234	0.009894	15502	13.66	80.395	0.984
13.677	2.99901	50.003	49.998	49.998	32.66	0.242	0.010991	15502	13.197	80.987	0.986
13.6607	2.99606	50.001	50.003	50.004	32.81	0.236	0.012211	15502	14.143	79.926	0.986
13.6609	3.00064	50	49.999	50	34.03	0.234	0.039205	15502	16.265	74.008	0.986
13.6421	2.99033	49.999	50	49.995	33.42	0.25	0.029036	15502	18.084	70.014	0.986
13.6857	3.00052	49.999	50.002	50.002	33.42	0.239	0.032257	15502	19.309	67.579	0.986
13.6874	3.00073	49.998	49.998	49.998	33.64	0.235	0.035836	15502	21.377	64.55	0.986
13.6575	2.99686	49.998	50	50	33.5	0.229	0.015612	15502	21.989	63.805	0.985
13.6748	3.00126	50	49.998	50.003	33.41	0.235	0.029486	15502	23.042	57.709	0.984
13.6765	3.003	50	50.001	50.001	33.4	0.233	0.055687	15502	23.242	50.837	0.983
13.6699	3.00427	49.999	50	50.001	33.41	0.244	0.036391	15502	23.904	52.069	0.982
13.6607	3.00155	49.998	49.997	50.002	33.48	0.233	0.068728	15502	23.382	50.919	0.983
13.6849	2.99927	50.001	49.999	50.003	33.82	0.231	0.076353	15502	23.372	47.51	0.982
13.6527	2.98755	49.997	49.997	50.003	33.79	0.243	0.029351	15502	21.457	47.208	0.981
13.6506	2.99602	50.003	50.002	49.998	33.82	0.236	0.036955	15502	20.343	57.425	0.981
13.6528	2.99998	50.002	50.002	50	33.77	0.236	0.014206	15502	19.791	66.298	0.983
13.6569	2.99827	50.004	49.998	50.002	34.01	0.232	0.015782	15502	17.913	75.906	0.983
13.6757	2.99913	50	49.999	50	34.66	0.234	0.006067	15502	16.687	81.364	0.983
13.6759	3.00254	49.994	50.002	49.997	33.96	0.236	0.019478	15502	16.396	79.406	0.983
13.6591	2.99618	49.999	50.003	49.996	34.23	0.232	0.012729	15502	15.752	78.371	0.983
13.6595	3.00436	50.001	49.998	49.999	34.34	0.235	0.014141	15502	14.907	82.136	0.979
13.674	3.00759	49.999	50.001	50.002	33.97	0.234	0.030267	15502	13.922	84.515	0.98
13.6883	3.00009	50.002	49.996	50.004	33.34	0.239	0.004026	15502	13.116	85.659	0.979
13.6783	3.00052	50.001	49.999	49.995	33.04	0.249	0.021974	15502	13.459	84.931	0.978
13.6806	2.99828	50	50.001	50.001	34.04	0.233	0.024412	15502	14.123	84.586	0.978
13.6789	3.00126	50.002	50.001	49.999	34.78	0.248	0.009384	15502	14.435	83.353	0.98
13.6473	2.99425	50	50.001	49.998	34.05	0.228	0.011815	15502	14.998	82.527	0.98
13.6847	3.00512	49.997	50.004	50.006	33.74	0.241	0.013126	15502	16.074	81.304	0.979

13.6551	2.99859	50.005	49.996	49.999	33.62	0.237	0.02479	15502	16.557	82.384	0.98
13.7013	3.00581	50.002	49.997	49.994	33.35	0.232	0.02754	15502	20.434	73.565	0.98
13.6835	3.00326	49.998	50.003	50.002	33.35	0.242	0.010587	15502	21.006	81.248	0.981
13.6548	2.99603	49.998	50.002	50.001	33.35	0.235	0.086673	15502	23.924	72.251	0.98
13.6803	3.00362	49.999	50	49.996	33.38	0.239	0.033318	15502	25.206	67.622	0.978
13.6853	3.00048	50	50	49.995	33.35	0.233	0.106971	15502	25.266	66.206	0.976
13.6551	3.00295	50.001	50	49.997	33.35	0.233	0.024189	15502	25.306	68.449	0.977
13.6545	3.00061	49.997	50.001	49.999	33.35	0.233	0.015807	15502	27.329	62.478	0.976
13.6846	3.00095	49.999	50.001	49.998	33.35	0.231	0.033834	15502	26.799	62.905	0.976
13.6741	3.00073	49.998	50	50.008	33.45	0.234	0.037588	15502	27.189	66.301	0.976
13.6649	3.00226	50.004	50.006	50.002	33.35	0.242	0.041758	15502	26.158	72.054	0.977
13.6797	3.00026	50.001	49.998	50.002	33.48	0.234	0.024078	15502	21.367	92.768	0.977
13.6993	3.00666	50.006	49.999	50	33.43	0.228	0.030316	15502	20.534	94.194	0.977
13.6592	3.00201	49.998	49.995	50.003	33.36	0.244	0.019811	15502	19.52	93.907	0.976
13.6549	2.99967	50.001	49.999	49.998	34.01	0.225	0.022009	15502	20.173	94.348	0.976
13.6711	2.99842	50.006	49.996	50	33.94	0.242	0.070663	15502	20.454	91.258	0.977
13.6892	3.0024	50.001	50	50.008	33.99	0.242	0.027164	15502	20.383	86.565	0.978
13.6433	2.99849	50.004	49.999	50.001	33.5	0.234	0.003613	15502	20.233	90.71	0.977
13.6784	3.0021	50.004	49.996	49.999	33.8	0.244	0.019721	15502	20.152	90.434	0.978
13.6852	2.99613	50.001	50.004	50.001	33.45	0.245	0.007581	15502	19.59	92.723	0.978
13.676	3.00096	49.995	50	49.997	33.87	0.235	0.024339	15502	19.47	93.351	0.979
13.6595	2.998	50.002	50	50.003	33.43	0.236	0.009356	15502	19.671	93.449	0.978
13.634	2.99509	49.999	49.999	49.999	33.41	0.244	0.01767	15502	19.731	94.007	0.978
13.6869	3.00056	50.002	49.996	49.996	33.35	0.238	0.011547	15502	20.534	92.457	0.978
13.6647	2.99428	49.997	49.997	49.996	33.37	0.232	0.024716	15502	21.317	88.917	0.981
13.651	3.00217	50.005	50.002	50.001	33.36	0.232	0.079354	15502	23.463	83.556	0.979
13.6416	2.98608	50	50.001	49.997	33.39	0.228	0.088158	15502	25.607	76.142	0.982
13.6394	2.99044	50.003	50.006	49.998	33.63	0.235	0.057611	15502	26.328	75.324	0.98
13.682	3.00119	49.998	50	49.999	33.47	0.227	0.056472	15502	26.979	68.343	0.981
13.6978	3.0067	49.996	50	49.999	33.49	0.237	0.062738	15502	27.609	62.372	0.981
13.6798	3.00555	49.999	50.004	50	33.42	0.232	0.024117	15502	27.469	60.343	0.982
13.6453	2.9889	49.999	50	50.002	33.35	0.231	0.045547	15502	26.869	64.56	0.982
13.6841	2.9974	49.999	50.002	49.999	33.35	0.239	0.017509	15502	27.119	63.587	0.981
13.6384	2.99505	49.999	50.004	49.997	33.4	0.232	0.019451	15502	26.969	69.41	0.98
13.6883	3.00739	50.005	50.003	49.999	33.47	0.241	0.036736	15502	27.889	65.415	0.981
13.6704	3.00283	50.002	49.997	49.996	33.56	0.236	0.040811	15502	26.558	77.179	0.982

13.6419	2.99811	49.999	49.998	49.998	33.67	0.244	0.02667	15502	22.731	90.077	0.981
13.6624	2.99993	50.003	49.998	50	33.71	0.232	0.029629	15502	21.447	93.455	0.982
13.6523	2.99227	49.998	49.998	49.999	33.87	0.248	0.019362	15502	20.715	94.625	0.982
13.6839	2.99449	50.003	49.998	49.998	33.84	0.236	0.02151	15502	20.183	95.291	0.983
13.6696	3.00091	50	50.004	50	33.74	0.226	0.014057	15502	20.353	95.648	0.981
13.6725	2.99885	50.002	50.001	49.996	34	0.241	0.026548	15502	19.982	95.862	0.981
13.6772	2.9992	50.001	50.003	50	34	0.235	0.029493	15502	19.851	96.089	0.983
13.6843	3.00067	49.999	50.002	50.003	33.45	0.228	0.019274	15502	21.347	96.114	0.982
13.6921	3.00169	50.002	50.002	49.998	33.62	0.237	0.007409	15502	21.437	94.249	0.981
13.6862	3.00513	50.002	50.002	50.003	33.46	0.242	0.013993	15502	21.808	92.487	0.979
13.6671	3.00364	49.999	50.001	50	33.37	0.235	0.026426	15502	22.681	89.561	0.977
13.6721	3.00467	50.003	49.998	50.001	33.4	0.238	0.010159	15502	24.094	86.895	0.979
13.6889	3.00208	50.005	49.997	49.997	33.45	0.226	0.055446	15502	24.675	86.257	0.979
13.6761	2.99794	49.999	50.005	50	33.54	0.231	0.012538	15502	24.124	88.967	0.98
13.6745	3.0025	50	50	50.002	33.56	0.231	0.013929	15502	23.633	91.369	0.983
13.6878	2.9999	50.001	50.001	50.001	33.46	0.23	0.015474	15502	23.493	92.726	0.983
13.7003	3.01084	50.001	49.996	50.003	33.54	0.24	0.029224	15502	25.286	85.921	0.979
13.6722	3.00672	50.001	50.001	50.002	33.39	0.241	0.019098	15502	25.907	82.762	0.979
13.6839	3.00369	50	50.006	49.996	33.37	0.227	0.036068	15502	25.797	83.95	0.978
13.6456	2.99445	49.998	50.001	49.999	33.35	0.243	0.068118	15502	26.238	84.613	0.974
13.6814	2.99667	49.999	50.004	50.002	33.35	0.243	0.044515	15502	27.569	80.966	0.977
13.6856	3.00672	50.004	49.999	49.998	33.35	0.224	0.02909	15502	28.01	78.995	0.974
13.6887	3.00029	49.997	50.002	49.999	33.35	0.241	0.05494	15502	28.7	75.514	0.974
13.6858	3.00608	50.001	49.996	49.998	33.4	0.228	0.103759	15502	27.709	78.604	0.975
13.6386	2.9923	50.004	50.001	50.004	33.39	0.229	0.222088	15502	24.986	92.065	0.976
13.6715	3.00112	50.001	49.997	50.001	33.4	0.235	0.020691	15502	22.881	95.873	0.977
13.649	2.99756	50.003	50.001	49.994	33.35	0.234	0.022987	15502	22.54	96.232	0.978
13.6553	3.00173	49.998	50	50.003	33.35	0.226	0.015022	15502	22.269	96.316	0.977
13.6819	3.00068	50.001	50.001	50	33.48	0.231	0.011126	15502	22.4	96.462	0.978
13.6377	2.99648	49.999	50.001	49.998	33.42	0.228	0.01236	15502	22.59	95.998	0.98
13.6518	2.9927	50.005	50	50.005	33.44	0.235	0.013731	15502	22.119	93.373	0.979
13.667	2.9996	49.997	50	50.006	33.57	0.234	0.015255	15502	20.875	91.341	0.979
13.627	2.9902	49.998	50.001	49.996	34.04	0.229	0.016947	15502	19.49	88.092	0.98
13.6846	2.99548	49.998	50.003	49.999	34.04	0.235	0.032006	15502	18.425	86.636	0.983
13.6498	2.99865	49.997	50.002	50	33.66	0.233	0.012303	15502	20.092	76.297	0.982
13.6707	2.99709	50.002	49.999	50.002	33.5	0.233	0.023236	15502	20.494	65.847	0.984

13.6795	3.00583	49.999	50.001	49.996	33.71	0.242	0.043884	15502	21.397	58.978	0.983
13.6389	2.99682	49.997	50.004	50.002	33.52	0.237	0.028678	15502	23.001	59.498	0.985
13.6389	2.99475	50.003	49.996	50.001	33.48	0.232	0.054161	15502	23.212	54.177	0.985
13.6807	3.00252	49.999	50.004	50	33.47	0.236	0.040113	15502	23.974	55.22	0.986
13.6742	2.9983	50.004	50	49.999	33.41	0.232	0.044564	15502	24.515	48.139	0.986
13.6734	2.996	50	50.002	50.005	33.35	0.233	0.049508	15502	25.316	48.597	0.986
13.659	2.99903	50	49.998	50	33.41	0.235	0.055	15502	25.707	49.23	0.985
13.6666	2.99792	50	50	49.998	33.57	0.236	0.040735	15502	26.278	45.372	0.986
13.6584	3.00096	49.997	49.996	50	33.95	0.249	0.045254	15502	26.608	45.046	0.985
13.6963	3.00311	50.006	49.998	49.999	33.87	0.23	0.029573	15502	25.817	46.274	0.986
13.6768	2.99614	49.999	50.001	49.999	33.42	0.23	0.019326	15502	24.445	55.849	0.987
13.6839	3.00741	49.996	50.001	50	33.57	0.23	0.036499	15502	23.222	70.606	0.985
13.6463	2.99312	50.003	50	50.001	33.8	0.232	0.009354	15502	20.413	82.368	0.985
13.6803	2.99735	49.998	49.997	50	34.02	0.229	0.017665	15502	18.988	86.817	0.986
13.6674	3.00267	50.002	49.998	50	34.17	0.233	0.019625	15502	18.255	91.261	0.987
13.6743	2.99882	50.006	50.005	50.007	34.24	0.236	0.012825	15502	17.421	93.782	0.986
13.6739	2.99808	49.999	49.996	50.006	34.03	0.237	0.008381	15502	16.979	94.352	0.985
13.662	2.99685	50.001	49.999	50.002	34.63	0.247	0.017939	15502	16.657	93.024	0.987
13.6751	2.9991	50.002	49.998	49.996	34.4	0.233	0.006896	15502	16.366	94.803	0.987
13.6821	3.00732	50	50.007	50.002	34.05	0.235	0.02214	15502	16.496	95.311	0.987
13.6302	2.99655	50	50.002	50.003	34.02	0.236	0.016398	15502	17.27	93.653	0.989
13.6677	2.99743	49.998	49.997	50	34.11	0.239	0.018217	15502	17.561	91.837	0.987
13.6947	3.01005	50	50.001	49.998	34.02	0.234	0.011905	15502	18.064	90.68	0.989
13.6471	2.98812	50.002	50.001	50.001	34.04	0.233	0.022483	15502	18.335	89.889	0.989
13.6619	2.99946	50.002	50.003	49.998	33.99	0.246	0.014693	15502	18.717	88.903	0.987
13.6702	3.00117	50	50.003	49.997	33.84	0.238	0.070759	15502	19.932	84.541	0.987
13.6966	3.01101	50	49.998	50.003	33.49	0.23	0.016	15502	21.106	70.94	0.989
13.7149	3.00614	50	50.001	50.002	33.54	0.232	0.08733	15502	21.788	69.666	0.987
13.6356	2.99207	50	49.999	49.996	33.67	0.248	0.029621	15502	22.019	64.162	0.99
13.676	2.99604	50.002	50.004	50.001	33.53	0.232	0.161673	15502	23.332	56.554	0.987
13.6742	3.00516	49.998	49.997	49.992	33.73	0.234	0.062148	15502	25.707	53.076	0.986
13.6811	3.00256	49.996	49.997	50.004	33.84	0.234	0.02389	15502	24.986	54.113	0.986
13.6474	2.99594	50	50.004	50.003	33.86	0.24	0.076703	15502	23.302	62.098	0.987
13.6868	3.00202	50.005	49.998	49.999	34.04	0.237	0.010203	15502	21.096	80.546	0.987
13.6633	3.00368	49.999	49.996	50.001	34.04	0.247	0.019269	15502	20.072	88.949	0.985
13.6963	3.00348	50.002	49.999	50	34.03	0.235	0.012592	15502	19.6	91.925	0.983

13.6577	3.00115	50.001	49.999	49.999	34.04	0.237	0.020983	15502	18.908	93.746	0.986
13.6609	3.00187	49.999	50	50.004	34.03	0.237	0.023311	15502	18.385	95.167	0.985
13.6664	2.99766	50.001	50.006	50.003	34.03	0.237	0.008961	15502	18.295	95.758	0.983
13.664	3.00456	49.996	50	50.002	34.04	0.246	0.005856	15502	18.646	95.984	0.984
13.6899	3.0082	49.999	49.999	50.002	33.97	0.246	0.018801	15502	18.867	95.868	0.982
13.6637	3.00177	50.002	50.003	50.004	34.42	0.23	0.01843	15502	18.827	96.426	0.983
13.7131	3.00783	50.002	49.998	50.002	34.04	0.244	0.012044	15502	18.887	96.289	0.981
13.6616	2.99441	50.002	49.999	50	33.79	0.242	0.038668	15502	19.45	95.628	0.98
13.6652	3.00545	49.998	50.004	50	33.73	0.228	0.014865	15502	19.319	95.284	0.981
13.6985	3.01143	50	50.003	50.004	33.81	0.234	0.028073	15502	19.068	95.834	0.982
13.6533	3.00012	49.997	49.999	49.999	34.04	0.232	0.031188	15502	19.349	95.778	0.981
13.6882	3.00023	50.004	49.999	50.001	33.75	0.241	0.023098	15502	20.142	93.685	0.982
13.6628	2.99096	49.999	50	50.002	33.44	0.239	0.043624	15502	23.262	80.621	0.982
13.701	3.00409	49.999	49.998	49.998	33.94	0.246	0.082388	15502	25.156	72.207	0.983
13.6807	3.00518	50.004	49.997	50.002	33.65	0.236	0.05384	15502	25.026	72.684	0.982
13.6793	3.00768	49.998	49.999	49.998	33.58	0.237	0.101683	15502	24.204	74.521	0.981
13.6768	3.0078	50.002	50.003	49.998	33.43	0.234	0.039088	15502	24.775	73.222	0.98
13.693	3.00021	50	49.999	49.998	33.52	0.233	0.073821	15502	25.296	73.405	0.98
13.6662	3.00202	50	50.001	50.002	33.58	0.228	0.009819	15502	24.124	78.937	0.982
13.6565	3.00051	50	50.001	50	33.6	0.227	0.031526	15502	25.737	70.561	0.981
13.7093	3.01284	50.002	49.998	49.999	33.66	0.236	0.05954	15502	25.276	74.179	0.981
13.685	3.00057	49.997	49.996	50.001	33.57	0.232	0.038909	15502	24.365	79.094	0.981
13.6661	3.00508	50.003	50	49.995	33.47	0.239	0.025427	15502	24.084	78.556	0.981
13.6367	2.99835	49.999	50.003	50	33.51	0.232	0.009774	15502	22.56	84.693	0.98
13.6686	2.99993	49.998	50.003	49.999	33.97	0.244	0.01846	15502	21.457	89.382	0.98
13.656	2.99313	50.001	50.004	50.003	33.76	0.246	0.034863	15502	20.735	91.701	0.983
13.6898	3.00879	50.001	50.003	50.005	33.88	0.234	0.022783	15502	20.263	92.414	0.983
13.6435	2.99587	49.998	49.998	50.001	33.51	0.246	0.016874	15502	19.691	89.708	0.982
13.6845	3.00223	49.999	49.998	50.007	33.85	0.24	0.018746	15502	18.817	91.194	0.982
13.6748	2.99748	50.003	50.001	49.997	34.03	0.242	0.007206	15502	17.893	92.807	0.983
13.6821	2.99977	50.002	50.001	49.991	34.12	0.24	0.004709	15502	17.25	93.65	0.981
13.657	3.00375	49.997	50.001	50.006	34.28	0.234	0.025702	15502	16.918	87.233	0.983
13.6836	3.0002	49.999	49.999	50.002	34.04	0.249	0.00988	15502	16.366	89.399	0.982
13.6707	2.99539	50	50	49.998	34.04	0.249	0.01866	15502	16.154	89.231	0.981
13.664	2.99389	49.999	49.997	49.991	34.14	0.236	0.007173	15502	16.335	89.628	0.983
13.6454	2.99717	49.993	50.001	49.997	33.99	0.247	0.009031	15502	16.707	91.755	0.982

13.651	2.99497	49.998	50.009	50	33.99	0.237	0.017057	15502	17.682	92.391	0.984
13.6554	2.99989	50.002	49.996	49.999	33.41	0.24	0.011146	15502	19.55	88.106	0.983
13.6508	2.99748	50	49.998	49.998	33.36	0.232	0.007284	15502	20.213	85.864	0.982
13.673	3.00372	50.001	50.003	49.997	33.67	0.234	0.039757	15502	20.303	87.928	0.981
13.6507	2.99877	50.004	49.999	49.999	33.48	0.229	0.025981	15502	20.855	87.649	0.983
13.6606	3.00235	50.004	49.999	50.002	33.53	0.228	0.016979	15502	20.092	87.949	0.981
13.68	2.99781	50.002	49.997	49.998	33.94	0.231	0.011095	15502	19.259	91.582	0.981
13.661	2.995	50.004	49.997	50.003	33.91	0.235	0.020955	15502	18.897	91.098	0.982
13.6731	3.00253	49.996	50.002	49.998	33.67	0.232	0.013694	15502	17.682	93.784	0.98
13.6568	3.0003	50	50.001	50.002	34.66	0.236	0.015213	15502	17.541	94.766	0.983
13.6736	2.99723	50	49.998	49.996	34.75	0.232	0.019154	15502	17.441	93.854	0.982
13.6774	3.0028	50.002	50	50.002	34.69	0.24	0.012517	15502	17.16	93.649	0.983
13.6496	2.98933	50.003	50.002	49.998	34.72	0.233	0.00818	15502	16.587	93.806	0.982
13.6546	2.99923	50.001	49.999	50.001	34.75	0.236	0.010299	15502	16.265	93.145	0.984
13.6339	2.99398	49.998	49.997	49.998	34.95	0.234	0.00673	15502	16.104	93.413	0.983
13.6881	3.00256	49.999	49.996	50.001	35.08	0.229	0.008474	15502	15.823	93.251	0.982
13.6725	3.00385	50.002	50.002	50	34.97	0.249	0.016004	15502	15.4	93.206	0.982
13.6542	2.99514	49.999	50.002	49.995	34.73	0.235	0.011853	15502	15.089	94.09	0.981
13.6424	2.99724	50.003	50	49.998	34.13	0.234	0.007746	15502	15.068	93.224	0.983
13.6704	2.99606	50.002	50.002	50.004	34.32	0.237	0.005737	15502	14.736	92.7	0.981
13.6606	3.00197	50.007	49.997	50.002	34.06	0.241	0.010835	15502	14.354	92.512	0.983
13.6801	3.00493	49.998	49.997	49.999	33.53	0.233	0.008024	15502	14.062	92.33	0.981
13.6663	2.9985	50.001	49.997	50.004	34.07	0.233	0.025764	15502	15.189	87.618	0.983
13.6686	3.00828	49.999	49.999	50.003	33.63	0.24	0.082717	15502	18.908	73.942	0.983
13.6676	2.99568	49.998	50.003	50.002	33.79	0.243	0.054055	15502	20.955	65.984	0.982
13.6591	2.99918	50.001	49.998	49.998	33.73	0.247	0.115701	15502	22.681	53.537	0.983
13.6366	2.99561	50.002	50.001	50.006	33.76	0.242	0.026163	15502	22.62	52.211	0.981
13.6981	3.00356	50.002	50.001	50.005	33.37	0.231	0.083998	15502	24.254	48.301	0.983
13.7028	3.01079	50.001	50	50.001	33.41	0.227	0.03229	15502	24.305	46.321	0.983
13.6856	3.0056	50.002	49.997	49.999	33.57	0.234	0.060982	15502	24.575	47.04	0.982
13.6615	3.00235	50.004	49.999	49.995	33.53	0.232	0.067748	15502	25.176	39.209	0.983
13.6663	2.99925	50.001	50	49.996	33.58	0.232	0.075264	15502	24.996	38.099	0.983
13.6889	2.99935	49.999	50.002	49.999	33.88	0.233	0.094762	15502	25.196	39.958	0.981
13.6599	2.99782	50	49.999	50.002	33.91	0.233	0.061927	15502	24.896	37.781	0.982
13.6793	2.99655	50.005	49.999	50.002	33.4	0.229	0.008237	15502	24.545	42.712	0.98
13.6709	3.00664	50.001	50.002	50.001	33.53	0.235	0.044959	15502	21.357	66.715	0.981

13.6989	3.00413	50.003	49.997	50.006	34.11	0.234	0.010166	15502	17.32	81.479	0.983
13.683	3.00075	49.999	50	50	34.06	0.233	0.0128	15502	15.853	90.445	0.981
13.6989	3.00295	50	50.002	50.001	34.74	0.236	0.01422	15502	15.169	93.3	0.981
13.6695	2.99454	49.999	49.998	49.998	34.72	0.243	0.010532	15502	14.515	94.394	0.981
13.6758	3.00394	49.995	49.997	49.997	34.44	0.241	0.01989	15502	14.545	95.348	0.981
13.6688	3.00312	49.996	50.001	50.003	34.04	0.235	0.014731	15502	13.781	95.183	0.981
13.6645	3.0015	50.002	49.999	50.006	33.57	0.246	0.027821	15502	13.358	95.559	0.982
13.6418	2.99721	50	49.999	50.001	33.16	0.234	0.00713	15502	12.915	95.879	0.979
13.6694	3.00198	49.997	50.005	50.001	32.71	0.238	0.022891	15502	12.633	96.16	0.981
13.7015	3.00569	50.003	50.006	49.998	32.66	0.235	0.014959	15502	12.895	96.379	0.982
13.6834	3.0001	49.998	49.998	49.999	33.81	0.239	0.018835	15502	16.657	88.656	0.981
13.6747	3.0007	49.997	50.002	50.001	33.44	0.25	0.102802	15502	19.741	71.871	0.982
13.6681	3.00394	50.005	50.002	50	33.77	0.24	0.023246	15502	21.959	66.014	0.982
13.6926	3.0113	49.998	50.011	50.034	33.58	0.233	0	15502	24.385	61.584	0.981
13.6655	3.00529	50.004	50.003	50.002	33.46	0.245	0.037744	15502	24.685	60.093	0.98
13.6719	3.00397	50.001	49.999	49.999	33.39	0.232	0.008535	15502	24.024	60.956	0.98
13.6554	3.00239	49.994	50	49.999	33.39	0.236	0.009482	15502	24.535	61.49	0.981
13.6691	3.00393	49.999	50.002	49.997	33.35	0.232	0.017907	15502	25.887	52.848	0.978
13.6584	2.99802	49.996	49.996	49.996	33.48	0.23	0.033819	15502	26.568	46.265	0.977
13.6946	3.00542	50.002	49.996	50.003	33.48	0.231	0.022101	15502	24.495	61.57	0.978
13.657	2.98925	49.997	50.002	49.998	33.96	0.228	0.024553	15502	18.877	80.016	0.977
13.6747	2.99995	49.999	49.997	49.998	33.91	0.231	0.005552	15502	19.54	87.72	0.976
13.6684	2.996	49.996	49.997	50.001	34.55	0.235	0.030303	15502	17.32	93.644	0.977
13.6705	3.00049	50	49.999	49.998	33.99	0.237	0.011649	15502	17.722	94.726	0.978
13.669	2.9961	50	49.999	50.001	34.1	0.229	0.037399	15502	17.692	93.7	0.977
13.6684	3.00007	50.001	49.997	50	34.04	0.229	0.014377	15502	17.582	93.489	0.977
13.6678	3.00332	50.001	49.999	50.004	33.92	0.235	0.009395	15502	17.722	94.283	0.977
13.667	3.00109	50.002	50.001	50	33.64	0.236	0.011829	15502	17.582	94.512	0.977
13.6589	2.99665	50.003	50.001	50.002	34.04	0.236	0.011595	15502	17.099	95.485	0.978
13.6402	2.99522	49.997	50.001	50.005	34.04	0.228	0.014599	15502	17.079	95.8	0.976
13.6447	2.9996	49.998	50.004	50.005	33.66	0.247	0.016219	15502	17.361	96.115	0.978
13.6696	2.99961	49.999	50	49.995	33.96	0.233	0.010599	15502	17.481	96.104	0.975
13.6807	3.00478	49.998	50	50.001	34.05	0.238	0.020017	15502	17.561	96.169	0.976
13.6693	2.9982	50.002	50.003	50.002	33.95	0.232	0.022238	15502	17.632	96.123	0.974
13.6529	3.00137	50.004	50	50	33.58	0.244	0.014532	15502	18.204	95.952	0.977
13.667	3.00235	50	50.005	49.999	33.42	0.234	0.009497	15502	19.851	90.263	0.977

13.6685	3.004	50	49.993	50.001	33.35	0.241	0.051835	15502	21.156	81.665	0.977
13.6416	2.99938	49.997	50.002	49.995	33.41	0.234	0.033874	15502	23.012	72.689	0.978
13.6546	2.99809	49.996	50.004	49.999	33.46	0.241	0.022136	15502	23.042	71.078	0.977
13.6558	2.99897	50.001	49.997	50.001	33.51	0.242	0.024592	15502	24.505	65.695	0.978
13.6871	3.00727	50	50	49.998	33.37	0.233	0.02732	15502	23.743	67.883	0.976
13.6612	3.0022	49.998	49.999	49.997	33.37	0.229	0.020234	15502	24.996	63.891	0.977
13.6657	3.00247	50.001	49.999	50.005	33.38	0.228	0.013223	15502	25.106	61.76	0.978
13.6711	3.0045	50.002	50.002	49.999	33.58	0.23	0.01469	15502	22.239	77.48	0.977
13.6634	3.00136	49.996	50.006	49.999	33.4	0.229	0.01632	15502	23.493	73.418	0.977
13.6625	3.00117	50.002	49.998	49.999	33.35	0.236	0.030822	15502	23.964	72.371	0.978
13.6496	2.99084	50	49.998	49.996	33.57	0.236	0.005071	15502	21.537	83.908	0.977
13.6985	3.00373	49.997	49.999	50	33.51	0.235	0.009576	15502	20.594	88.622	0.977
13.6668	3.00368	50.001	49.996	49.998	33.83	0.231	0.010639	15502	19.47	89.229	0.975
13.6408	2.99255	50	49.994	50.002	34.11	0.241	0.022771	15502	18.275	92.453	0.977
13.6412	2.98996	50.002	50.003	49.998	33.81	0.234	0.014881	15502	17.923	94.558	0.978
13.681	2.99941	50.002	49.999	49.998	34	0.235	0.009725	15502	18.235	93.797	0.977
13.6467	2.99257	50	50.007	50	34.69	0.235	0.010803	15502	16.657	94.31	0.976
13.6583	3.00125	50.001	50	50.004	34.24	0.246	0.020403	15502	16.798	94.831	0.976
13.6746	3.00486	49.998	49.999	49.996	34.48	0.232	0.013333	15502	16.697	94.585	0.977
13.6642	3.00188	50.004	50.004	50.004	34.72	0.241	0.025182	15502	16.768	94.694	0.977
13.6551	3.00194	49.996	49.998	50.001	34.94	0.235	0.016456	15502	16.506	94.884	0.977
13.6535	2.99752	49.999	49.998	50	34.22	0.239	0.010754	15502	16.406	95.377	0.977
13.6828	2.99786	50.002	50.002	49.996	33.96	0.235	0.007028	15502	17.039	93.079	0.977
13.679	3.0044	50.001	49.999	50.004	33.49	0.23	0.013272	15502	18.365	89.24	0.978
13.6759	3.00499	49.998	50.001	50.002	33.4	0.229	0.014745	15502	19.811	83.141	0.978
13.6735	2.99887	50	49.999	50	33.37	0.238	0.03156	15502	21.949	75.302	0.978
13.6615	2.99964	50.003	49.998	50.002	33.39	0.236	0.035062	15502	22.58	70.318	0.977
13.6957	3.00361	50.003	50	49.995	33.43	0.234	0.022913	15502	23.834	65.434	0.977
13.6494	2.99193	50.003	49.995	50.002	33.39	0.232	0.025455	15502	25.487	57.583	0.977
13.6577	2.99935	50	49.999	49.998	33.35	0.233	0.028279	15502	25.156	62.338	0.978
13.7016	3.00968	49.998	50.001	49.999	33.48	0.236	0.01848	15502	25.867	63.739	0.977
13.6633	2.99912	50	50.001	49.998	33.63	0.237	0.012077	15502	26.528	56.993	0.977
13.6673	3.00282	49.998	50	50.001	33.91	0.227	0.038773	15502	26.208	54.663	0.976
13.6707	3.00149	49.998	50.001	50	33.82	0.235	0.014905	15502	25.707	59	0.979
13.6834	3.00783	50.001	49.998	50	33.39	0.235	0.054234	15502	24.545	59.646	0.979
13.6747	2.99698	50.001	50.002	50.002	33.44	0.235	0.020848	15502	22.991	67.893	0.978

13.6748	3.00342	49.998	50.005	50.002	34.03	0.247	0.039374	15502	19.5	84.095	0.978
13.6643	2.99442	49.999	49.998	50.001	34.22	0.237	0.025731	15502	18.044	90.073	0.978
13.6795	3.00524	49.996	49.996	49.994	34.06	0.239	0.016815	15502	17.622	92.533	0.98
13.6757	2.99562	50.001	50.002	50.003	34.27	0.231	0.01868	15502	17.25	91.598	0.982
13.6661	2.99832	50.001	50.003	50	34.72	0.231	0.012208	15502	16.235	92.287	0.98
13.6673	2.99732	50.002	50.001	49.999	34.75	0.235	0.007978	15502	15.199	90.851	0.98
13.6867	2.99895	50.002	50.004	50.005	34.72	0.239	0.008863	15502	14.535	93.221	0.982
13.6797	3.00482	49.997	49.999	50.002	34.29	0.234	0.01897	15502	14.032	93.744	0.98
13.6524	2.99881	50.006	49.999	50	34.04	0.237	0.007292	15502	13.761	94.451	0.981
13.6637	3.004	49.999	50.001	50.003	33.84	0.25	0.008101	15502	13.781	94.757	0.981
13.6295	2.9944	50.003	49.997	50.002	34.04	0.233	0.0102	15502	15.008	86.205	0.982
13.6489	2.98644	50.004	49.999	50.001	33.95	0.238	0.011331	15502	16.657	79.592	0.982
13.6875	2.99956	49.998	49.999	49.997	33.5	0.235	0.021401	15502	18.335	73.182	0.983
13.6307	2.99645	50	50.001	50.002	33.46	0.235	0.023775	15502	19.881	71.568	0.981
13.684	3.00068	50	50	49.999	33.63	0.232	0.026412	15502	20.594	68.121	0.983
13.6984	3.00384	49.999	50.002	50	33.4	0.239	0.029343	15502	20.604	69.057	0.983
13.6496	2.98882	49.998	49.999	50.001	33.51	0.233	0.01128	15502	22.6	64.786	0.981
13.6836	3.01075	50.001	49.997	49.999	33.42	0.248	0.007371	15502	23.052	64.365	0.98
13.6625	2.99223	50	49.998	50.001	33.49	0.238	0.015777	15502	23.703	57.716	0.981
13.6832	2.99954	49.998	50.007	50.001	33.65	0.238	0.01031	15502	24.104	53.675	0.981
13.6725	3.00481	49.996	50.003	49.999	33.54	0.231	0.019472	15502	23.793	57.822	0.981
13.6558	2.9964	50.006	49.999	50.009	33.47	0.242	0.036775	15502	21.999	61.203	0.981
13.6914	3.01186	49.998	50.001	49.998	33.66	0.248	0.014137	15502	20.664	65.674	0.981
13.6537	3.00023	49.995	50.003	49.999	33.92	0.239	0.009238	15502	18.787	75.792	0.982
13.6903	3.00431	50.003	50.007	50	34.28	0.238	0.015395	15502	16.979	73.19	0.982
13.6683	2.99621	49.999	49.996	49.992	34.7	0.234	0.029075	15502	15.461	78.437	0.983
13.6946	3.00341	50.001	49.998	50.001	34.54	0.247	0.006574	15502	14.787	80.443	0.982
13.6745	2.99901	49.999	49.999	50.002	34.06	0.239	0.007304	15502	14.465	81.617	0.982
13.6802	2.99896	49.999	50.003	49.997	33.51	0.235	0.009196	15502	14.012	83.571	0.983
13.6606	2.99533	50.003	49.999	50	33.57	0.236	0.010216	15502	13.59	85.985	0.982
13.64	2.99483	49.997	50.002	49.998	33.35	0.234	0.006676	15502	12.905	88.195	0.983
13.693	3.01186	50.005	50	49.998	32.76	0.235	0.012609	15502	12.432	87.733	0.982
13.6639	2.9942	50.001	50.004	49.998	31.87	0.233	0.004847	15502	11.425	91.395	0.981
13.6366	2.99486	50.002	50.001	50.005	30.62	0.236	0.015562	15502	11.022	92.295	0.981
13.6813	3.00133	50	50.002	50.006	31.21	0.242	0.00678	15502	12.039	91.731	0.982
13.6428	2.99402	50	49.998	50.002	32.73	0.247	0.012804	15502	14.254	85.574	0.984

13.6418	2.9951	49.999	50.001	49.999	33.64	0.241	0.014225	15502	15.672	81.887	0.984
13.6778	3.00222	49.998	50	50	33.54	0.233	0.026865	15502	17.541	75.274	0.984
13.6846	3.00028	50	50.005	49.998	33.4	0.237	0.019897	15502	18.626	73.536	0.983
13.6554	2.99984	49.999	50	50.003	33.36	0.25	0.037577	15502	20.203	66.628	0.982
13.6994	3.00334	50.001	50.001	50.001	33.35	0.248	0.024556	15502	21.236	65.687	0.983
13.6424	3.00033	50.002	50.001	50	33.4	0.238	0.027281	15502	22.31	63.064	0.982
13.671	3.00455	49.999	49.998	49.996	33.35	0.245	0.017828	15502	22.54	60.001	0.981
13.6805	3.00868	49.999	49.999	50.001	33.5	0.239	0.03367	15502	23.413	58.711	0.981
13.7043	3.0043	50.004	50.006	50.002	33.48	0.238	0.014669	15502	22.651	60.167	0.982
13.6769	3.00586	49.997	50.002	50.001	33.35	0.236	0.027703	15502	22.039	59.62	0.981
13.6471	2.99319	50	50.001	49.999	33.42	0.236	0.010649	15502	20.835	66.395	0.982
13.6352	2.99547	50.004	49.991	49.995	33.62	0.237	0.013408	15502	18.787	74.322	0.982
13.6721	3.00233	49.997	49.998	49.999	34.04	0.238	0.025323	15502	17.049	81.143	0.982
13.6588	2.98674	49.999	50.002	50.001	34.71	0.234	0.028132	15502	15.903	84.373	0.983
13.6549	2.99125	49.999	49.998	50.005	34.13	0.239	0.010814	15502	15.601	83.055	0.981
13.6789	2.99796	49.997	49.998	49.997	34.12	0.235	0.012014	15502	14.676	82.65	0.982
13.6734	3.00546	50.001	50	49.997	33.61	0.233	0.003079	15502	14.213	82.005	0.983
13.6608	2.99934	50.003	49.996	50.004	33.36	0.249	0.009885	15502	13.922	83.599	0.983
13.6604	2.99462	50	49.997	49.997	33.38	0.239	0.00646	15502	13.66	83.877	0.982
13.6921	3.00224	50.003	49.999	49.997	33.41	0.239	0.013827	15502	13.257	85.811	0.981
13.684	2.99918	50	50.002	49.998	33.35	0.252	0.009036	15502	12.875	86.845	0.979
13.6809	3.00181	49.997	49.999	50.003	32.82	0.239	0.005905	15502	12.935	86.86	0.982
13.6404	2.99753	50.001	49.988	50.002	33.4	0.247	0.012639	15502	13.811	85.302	0.981
13.6427	3.0013	50.001	49.998	50	33.86	0.236	0.008259	15502	16.376	80.364	0.983
13.6619	3.00067	49.999	50.002	49.999	33.44	0.237	0.015599	15502	18.797	75.636	0.983
13.6737	2.99755	50	50.002	49.997	33.36	0.244	0.017329	15502	22.51	60.506	0.982
13.6365	2.99616	49.999	49.998	50.003	33.38	0.235	0.055638	15502	24.345	53.772	0.981
13.6891	3.00227	49.995	50.007	50.004	33.45	0.231	0.008387	15502	23.463	54.4	0.981
13.6888	3	50.004	49.999	49.999	33.35	0.235	0.045779	15502	25.026	51.137	0.982
13.655	2.99813	49.998	50.006	49.999	33.35	0.237	0.010352	15502	25.427	49.13	0.98
13.6828	3.00065	50.001	49.999	49.999	33.72	0.242	0.033235	15502	26.078	47.159	0.979
13.6957	3.0014	49.997	50.003	49.998	33.92	0.232	0.021719	15502	26.598	44.313	0.98
13.6575	3.00136	49.998	49.997	49.998	33.89	0.231	0.024129	15502	26.358	44.451	0.979
13.6785	3.00604	50.005	49.998	50.002	33.81	0.237	0.045569	15502	25.737	46.264	0.98
13.6639	3.00145	50.001	50	49.998	33.46	0.229	0.050625	15502	24.966	58.856	0.98
13.6591	3.00265	50.001	49.999	49.999	33.42	0.236	0.011447	15502	21.096	75.509	0.98

13.6744	2.99935	50.003	49.999	49.997	33.86	0.232	0.012717	15502	18.295	83.596	0.98
13.6382	2.99282	50.001	50.002	50.003	34.04	0.234	0.014128	15502	17.21	89.816	0.982
13.6468	2.99745	50.003	49.998	49.999	34.01	0.249	0.045361	15502	16.466	91.851	0.982
13.6543	2.99376	49.999	49.998	50	34.04	0.236	0.029643	15502	16.004	92.898	0.981
13.6869	3.00567	50.001	49.999	49.998	34.83	0.238	0.006703	15502	15.39	94.127	0.981
13.6408	2.99289	49.998	50.002	49.997	34.8	0.237	0.008439	15502	14.907	94.848	0.981
13.6933	3.00179	50.003	49.997	49.998	34.73	0.242	0.018064	15502	14.696	95.263	0.982
13.6579	2.99938	50.002	50.002	49.998	34.59	0.24	0.011805	15502	14.244	95.525	0.981
13.6879	2.99926	50.003	49.995	49.995	34.07	0.235	0.007714	15502	13.922	95.61	0.982
13.6687	3.00312	50.004	49.998	50	34.04	0.253	0.009713	15502	13.771	95.781	0.983
13.6697	2.99787	49.997	49.998	50.001	34.03	0.235	0.031184	15502	15.571	93.185	0.984
13.6789	2.99753	49.998	49.999	49.997	33.47	0.236	0.020379	15502	20.173	76.95	0.981
13.6548	3.0003	50	49.997	50.001	33.39	0.237	0.013318	15502	22.811	64.851	0.984
13.6463	2.99771	49.997	50	49.999	33.42	0.232	0.025151	15502	23.362	51.266	0.984
13.6787	2.99924	49.998	49.998	50.003	33.53	0.247	0.047501	15502	24.816	48.243	0.983
13.6871	2.99897	49.999	50.002	50	33.39	0.234	0.059807	15502	25.647	47.793	0.983
13.6691	3.0054	50	49.999	49.996	33.4	0.244	0.02299	15502	25.687	45.037	0.983
13.6832	2.99735	50.002	49.998	50.001	33.41	0.237	0.04342	15502	26.298	47.841	0.981
13.6792	2.99712	50	50.003	50	33.67	0.232	0.028375	15502	26.528	47.378	0.983
13.6618	3.00305	50	50.006	49.999	33.8	0.24	0.018543	15502	26.718	48.287	0.983
13.6855	3.00615	50.002	50.004	50.004	33.94	0.232	0.03502	15502	26.819	44.372	0.982
13.654	2.99989	49.999	49.991	49.999	33.69	0.249	0.038905	15502	27.199	48.443	0.983
13.6631	2.99979	50	49.998	50	33.4	0.232	0.014955	15502	27.119	51.704	0.982
13.6598	2.99999	49.998	50.003	49.998	33.6	0.247	0.028245	15502	23.082	74.93	0.982
13.6819	3.00027	49.999	49.999	50.002	33.65	0.239	0.053343	15502	19.962	85.857	0.984
13.665	2.99598	50	50.004	50.003	34.04	0.236	0.034859	15502	18.626	90.752	0.983
13.6977	3.00526	50.001	50.005	49.996	33.79	0.235	0.074614	15502	17.793	92.871	0.983
13.6937	3.00983	50.002	50	50	33.93	0.242	0.028682	15502	16.938	93.588	0.982
13.6594	3.00027	50.003	50.001	50.006	34.58	0.239	0.054169	15502	16.476	94.394	0.983
13.6761	3.00465	50	49.998	50.001	33.98	0.246	0.012249	15502	16.064	95.027	0.983
13.6422	2.98717	50.003	49.997	49.996	34.04	0.237	0.023133	15502	15.772	95.295	0.985
13.6629	2.99645	49.997	50.003	50.001	34.76	0.237	0.029126	15502	15.29	95.55	0.986
13.6739	3.00159	50.001	50.003	50.002	34.83	0.251	0.019034	15502	14.928	95.668	0.986
13.6826	3.00681	49.999	49.996	49.998	34.84	0.238	0.014097	15502	14.928	96.01	0.984
13.6563	2.99963	50.001	50.008	50.002	34.04	0.249	0.026624	15502	16.536	94.783	0.986
13.6862	3.00121	50.001	50.001	50.003	33.39	0.244	0.029578	15502	20.584	81.821	0.986

13.6603	3.00225	50.003	49.997	49.997	33.35	0.247	0.01137	15502	22.51	72.815	0.987
13.7005	3.00406	50	50.002	49.998	33.49	0.237	0.014315	15502	24.675	66.629	0.984
13.6621	3.00107	50.006	50.003	50.002	33.36	0.235	0.045961	15502	25.737	57.959	0.983
13.6736	3.00007	50.001	50	50.001	33.43	0.232	0.030036	15502	27.509	51.016	0.985
13.6811	2.99823	49.999	49.998	50.001	33.38	0.232	0.056725	15502	27.319	51.731	0.985
13.7083	3.00619	50.005	50	50	33.35	0.235	0.021806	15502	28.7	49.417	0.983
13.6684	2.9953	50.003	49.999	49.999	33.5	0.235	0.01425	15502	28.82	46.271	0.984
13.6472	2.99201	50	50.003	49.999	33.79	0.249	0.045751	15502	29.21	46.453	0.983
13.6807	2.99662	49.997	50	49.998	33.67	0.234	0.086406	15502	28.67	47.081	0.982
13.6562	3.00037	50.002	50.006	50.006	33.39	0.237	0.033215	15502	27.909	51.649	0.984
13.6967	3.01279	50.002	50	50.001	33.35	0.232	0.06273	15502	27.429	55.245	0.983
13.6544	3.00008	50	49.998	49.996	33.36	0.246	0.014185	15502	25.296	64.83	0.983
13.6838	3.00604	50.002	50.006	49.999	33.66	0.235	0.045542	15502	21.858	80.27	0.983
13.683	2.99914	49.998	49.995	49.998	33.7	0.235	0.086011	15502	20.042	87.889	0.985
13.6974	3.00099	50.002	49.998	50.001	33.81	0.236	0.037472	15502	19.259	90.048	0.982
13.6807	2.9987	49.999	50	50.005	33.95	0.232	0.024488	15502	18.837	91.611	0.983
13.6995	3.00558	50.001	50.003	49.998	33.63	0.229	0.046247	15502	18.646	92.979	0.983
13.6413	2.99401	49.997	50.005	50	33.54	0.231	0.051378	15502	20.373	83.97	0.983
13.6589	2.99183	50.002	49.994	49.999	34.01	0.239	0.057078	15502	19.128	88.076	0.983
13.6594	2.99949	49.995	49.998	50.002	33.75	0.234	0.0373	15502	18.285	90.99	0.983
13.6507	2.99758	50	50	50	34.05	0.243	0.041438	15502	18.034	92.211	0.983
13.687	3.00279	49.999	49.997	49.996	33.77	0.238	0.046036	15502	19.159	88.234	0.982
13.7033	3.00487	49.996	49.998	50.002	33.46	0.249	0.017697	15502	21.086	83.15	0.982
13.6666	3.00217	50.004	50	50.002	33.35	0.238	0.056817	15502	23.112	79.859	0.983
13.6852	3.00481	50.004	49.998	49.999	33.35	0.24	0.021841	15502	24.655	75.57	0.983
13.6614	3.00088	50.005	49.998	49.999	33.35	0.246	0.041249	15502	26.138	74.013	0.983
13.6207	2.99181	50.001	50.003	50.002	33.46	0.235	0.077903	15502	28.03	67.475	0.982
13.6711	2.99864	50	50.001	50.003	33.42	0.242	0.050909	15502	28.74	67.158	0.981
13.6652	2.99589	50.001	49.996	50.001	33.36	0.235	0.037705	15502	29.15	67.199	0.98
13.6464	3.00116	50.003	49.998	49.996	33.49	0.233	0.02464	15502	23.042	91.649	0.982
13.6648	2.99731	49.997	50.002	50.001	33.35	0.226	0.134485	15502	27.769	76.712	0.98
13.6931	3.00764	49.998	49.999	49.999	33.39	0.248	0.051697	15502	28.99	73.353	0.978
13.6744	3.00496	49.99	49.999	49.999	33.5	0.236	0.01169	15502	29.1	70.805	0.978
13.6507	2.99836	49.996	49.997	50	33.36	0.238	0.063805	15502	27.789	72.107	0.978
13.6821	2.99971	49.998	49.998	49.998	33.35	0.246	0.041696	15502	27.149	77.025	0.978
13.6899	3.00731	49.996	49.994	50.001	33.35	0.231	0.027248	15502	21.798	93.132	0.977

13.675	3.00053	50.006	50.003	50.001	33.36	0.233	0.030271	15502	22.219	94.834	0.979
13.6541	2.99455	50	50	50	33.34	0.247	0.050444	15502	23.082	91.989	0.98
13.6699	2.9995	49.994	49.998	49.996	33.35	0.232	0.011407	15502	21.296	94.235	0.978
13.6726	2.99871	49.999	49.999	50	33.35	0.242	0.012672	15502	21.246	94.833	0.978
13.6832	3.00244	49.996	50	49.999	33.38	0.233	0.023932	15502	21.226	95.434	0.98
13.6694	3.00144	50	50.005	50	33.4	0.247	0.0092	15502	21.176	95.401	0.977
13.6674	2.99896	50	50.002	50.003	33.36	0.233	0.010221	15502	21.176	95.51	0.979
13.655	3.00103	50.001	50.001	49.999	33.39	0.231	0.006679	15502	21.146	95.189	0.977
13.6538	2.99889	50	50	49.995	34.01	0.229	0.012614	15502	17.983	93.325	0.978
13.6469	2.9954	50.004	50	50.003	34.04	0.241	0.014014	15502	17.089	93.939	0.98
13.6953	3.00951	50.002	50	49.997	34.31	0.238	0.009158	15502	15.642	94.172	0.981
13.6645	2.9987	50	50	49.996	33.51	0.236	0.017295	15502	15.591	93.808	0.98
13.6921	3.00206	50.002	50.003	49.999	34.72	0.241	0.019214	15502	16.175	91.934	0.983
13.6545	3.00386	49.999	50.002	49.997	33.97	0.233	0.036288	15502	17.31	83.816	0.981
13.6905	3.00495	49.998	49.996	49.999	33.41	0.234	0.040314	15502	18.948	73.761	0.982
13.6585	2.99508	50.002	50.002	49.998	33.34	0.232	0.015497	15502	20.082	69.665	0.982
13.6638	2.99894	50.004	50.003	50.001	33.35	0.233	0.029268	15502	20.825	67.535	0.983
13.6522	2.99774	50	49.999	50.001	33.37	0.247	0.032515	15502	21.467	64.186	0.984
13.6562	2.99372	50.003	49.997	50.004	33.35	0.236	0.021248	15502	22.841	56.881	0.984
13.6415	2.99741	50.001	50	50.001	33.35	0.236	0.023605	15502	22.119	58.12	0.983
13.6703	2.99968	49.999	50.003	50.002	33.45	0.246	0.044581	15502	21.156	58.669	0.983
13.6416	2.99748	50.001	49.997	50	33.35	0.24	0.017137	15502	21.146	59.541	0.984
13.6996	3.00957	49.999	49.997	50.002	33.56	0.237	0.032366	15502	20.995	61.962	0.983
13.6765	2.99651	49.997	50.002	50	33.58	0.25	0.021151	15502	18.456	66.15	0.985
13.6776	2.99963	50.001	50.002	50.001	34.8	0.25	0.023498	15502	16.014	73.184	0.985
13.668	3.0023	50.001	49.997	49.998	34.11	0.236	0.009033	15502	14.686	78.758	0.986
13.6432	2.99819	50.001	50	49.995	33.33	0.249	0.010035	15502	13.791	82.278	0.986
13.628	2.99623	50.003	49.993	49.999	32.7	0.253	0.011148	15502	12.794	85.062	0.986
13.6717	2.99864	49.998	49.999	49.998	32.39	0.239	0.012385	15502	11.808	89.581	0.986
13.6748	2.9927	49.997	49.999	50.007	31.97	0.248	0.004761	15502	11.747	87.932	0.987
13.6821	3.00555	49.997	49.999	50.002	31.95	0.239	0.008991	15502	11.505	92.008	0.985
13.6925	2.99932	49.997	50	50.003	31.7	0.244	0.009989	15502	11.183	92.207	0.986
13.6628	2.99603	49.998	49.997	50.002	31.76	0.244	0.007398	15502	11.435	89.509	0.986
13.6555	2.99239	49.999	49.998	50	31.97	0.243	0.013972	15502	11.969	86.392	0.986
13.6887	3.0083	49.997	50.002	50.004	32.01	0.244	0.009131	15502	12.311	86.987	0.986
13.6673	3.00221	50.002	50.001	50.003	33.35	0.243	0.010144	15502	13.358	84.718	0.986

13.6702	2.99816	50	50.002	49.999	34.04	0.24	0.006629	15502	14.324	84.007	0.987
13.6706	3.00483	50	50.003	49.998	33.53	0.24	0.012519	15502	15.903	81.543	0.987
13.6556	3.00212	49.997	50.005	49.998	33.43	0.237	0.023644	15502	16.938	79.393	0.984
13.6586	3.00004	49.997	50.001	50.006	33.51	0.243	0.044653	15502	18.164	75.93	0.986
13.6341	2.99264	50.001	50.002	50	33.37	0.239	0.029181	15502	17.662	78.416	0.984
13.7204	3.00685	50.002	50.002	50.001	33.53	0.233	0.019069	15502	18.124	82.286	0.985
13.701	3.00396	50.001	50.004	50.001	33.88	0.248	0.021185	15502	17.602	87.279	0.983
13.6735	2.99928	49.998	50.001	49.994	34.04	0.251	0.00479	15502	17.149	93.063	0.983
13.6644	2.99868	49.998	50.003	50.001	34.25	0.236	0.03922	15502	16.677	92.537	0.984
13.6656	3.00093	50.001	49.996	49.999	34.04	0.245	0.043571	15502	16.416	92.514	0.983
13.6602	2.98968	50.003	49.998	50.004	33.8	0.24	0.011166	15502	16.024	92.233	0.983
13.6843	3.00169	50.001	49.994	49.997	33.88	0.248	0.006438	15502	16.064	93.225	0.982
13.6843	3.00237	49.995	50.001	50.005	34.39	0.241	0.013781	15502	16.054	94.435	0.981
13.6671	2.9959	50.001	49.997	50.001	33.81	0.233	0.01531	15502	16.235	94.811	0.983
13.6786	3.0052	49.999	50.004	49.999	34.72	0.244	0.005885	15502	15.31	93.909	0.981
13.6716	3.00095	50	50	49.992	34.65	0.248	0.011115	15502	15.089	94.308	0.979
13.6751	3.0044	49.997	49.997	49.998	33.68	0.233	0.012348	15502	14.877	95.395	0.98
13.6647	2.99674	49.999	49.997	50.006	32.79	0.248	0.013718	15502	15.008	96.011	0.98
13.6766	3.00675	49.998	50.001	50	32.98	0.247	0.008965	15502	15.028	96.08	0.978
13.6744	3.00022	49.999	50.005	50	33.36	0.246	0.009959	15502	15.109	96.23	0.98
13.6548	2.99188	50.004	49.999	49.999	33.77	0.239	0.011064	15502	15.109	96.23	0.981
13.6775	3.00699	50.001	49.994	49.997	34.06	0.237	0.004253	15502	15.169	95.991	0.983
13.6508	2.99773	50	49.999	50.004	34.7	0.238	0.004725	15502	15.642	95.519	0.983
13.6648	2.99534	49.998	50	50	33.75	0.247	0.008924	15502	16.898	91.511	0.982
13.6866	3.0008	50.001	50	50.004	33.95	0.252	0.009914	15502	17.391	88.998	0.983
13.6451	2.99629	50.002	50.001	49.999	33.35	0.246	0.054109	15502	19.319	79.312	0.984
13.7023	3.00206	49.998	50	50	33.37	0.234	0.012235	15502	19.43	76.533	0.983
13.646	2.99705	50.003	49.997	50.001	33.38	0.234	0.023108	15502	21.477	69.721	0.984
13.678	3.00267	49.996	50	49.999	33.49	0.249	0.025671	15502	22.239	62.875	0.982
13.6376	2.99438	50.006	50.001	50.004	33.46	0.236	0.028519	15502	24.164	58.704	0.985
13.6484	2.99404	49.999	50.003	49.996	33.53	0.246	0.047525	15502	23.573	56.436	0.983
13.6605	3.00216	50.001	49.997	50.005	33.83	0.232	0.031057	15502	24.685	52.112	0.984
13.6648	3.00795	50.001	50.001	49.991	33.87	0.235	0.020296	15502	24.415	51.886	0.983
13.6736	3.00361	49.999	50.001	50.004	33.78	0.238	0.065162	15502	25.637	46.12	0.983
13.6718	3.00601	50.001	50	49.998	33.48	0.247	0.042583	15502	25.577	50.215	0.984
13.6652	3.00128	50	50	49.999	33.49	0.247	0.016369	15502	21.256	74.813	0.983

13.688	3.00247	50.002	49.995	50	34.03	0.235	0.010697	15502	17.622	87.548	0.984
13.6728	2.99517	50.004	50.004	49.999	34.76	0.249	0.006991	15502	16.557	92.416	0.985
13.6805	2.99958	50.002	50.003	50.002	34.02	0.252	0.038155	15502	16.104	94.383	0.985
13.6593	3.00233	49.997	50.004	50.001	34.93	0.239	0.014667	15502	15.37	95.143	0.985
13.7108	3.00903	50.005	49.996	49.998	35.17	0.24	0.009585	15502	14.948	95.545	0.985
13.6873	3.00182	50.003	49.998	49.999	34.86	0.234	0.018102	15502	15.038	96.189	0.986
13.6674	3.0048	50.002	49.996	49.996	34.78	0.237	0.020111	15502	15.038	95.912	0.984
13.6721	3.00585	49.998	49.993	50.001	34.73	0.235	0.008761	15502	14.616	96.177	0.985
13.6419	2.99791	49.999	49.997	50.002	34.72	0.235	0.009733	15502	14.073	96.327	0.986
13.6639	3.00141	50.001	50.002	49.999	34.46	0.244	0.010813	15502	14.163	96.52	0.986
13.6541	3.00054	49.998	50.001	49.996	34.04	0.24	0.034717	15502	15.461	96.364	0.987
13.6532	2.9969	49.999	50.002	49.999	33.86	0.239	0.013346	15502	16.758	93.184	0.986
13.6823	3.00316	50	50.004	50.006	33.45	0.237	0.00513	15502	19.731	83.499	0.986
13.669	2.99517	50.001	49.997	50.001	33.41	0.251	0.047602	15502	23.683	65.467	0.987
13.6726	2.99519	50.001	50.001	50.003	33.43	0.23	0.031107	15502	24.986	57.539	0.987
13.6483	2.99606	50.002	49.996	49.998	33.56	0.239	0.05875	15502	24.866	61.421	0.987
13.6707	2.99607	49.998	49.996	49.999	33.43	0.246	0.019927	15502	26.258	50.851	0.986
13.6641	3.00292	50.002	50	50	33.36	0.235	0.037634	15502	25.867	53.795	0.986
13.6657	2.99624	50	50.002	50.005	33.64	0.247	0.120829	15502	27.589	51.413	0.987
13.6913	2.99703	49.995	49.997	49.997	34.1	0.247	0.046448	15502	26.869	49.41	0.986
13.694	3.00387	50.003	50.001	50.001	33.99	0.236	0.051601	15502	27.829	46.285	0.986
13.6522	2.98911	49.999	50.004	49.999	34.04	0.243	0.033721	15502	26.999	48.353	0.986
13.6536	3.00066	50	50.002	50.001	33.8	0.243	0.022036	15502	25.186	56.392	0.985
13.634	2.99507	50.006	50.002	49.999	33.74	0.247	0.014401	15502	22.711	74.42	0.985
13.6711	3.00474	49.998	49.996	50.004	34.03	0.232	0.005536	15502	19.932	86.556	0.986
13.6713	3.00351	50.003	49.995	50.006	34.04	0.233	0.017773	15502	18.807	90.237	0.986
13.661	2.99452	50	50.003	49.999	34.01	0.234	0.019745	15502	17.933	93.178	0.988
13.6292	2.98559	50.002	50	50.001	34.04	0.251	0.012903	15502	17.26	94.316	0.989
13.6776	3.00632	50.002	49.998	50	34.05	0.237	0.00496	15502	16.768	94.954	0.988
13.6669	2.99661	49.999	49.997	50.006	34.21	0.25	0.027073	15502	16.245	95.293	0.987
13.6993	3.00846	50.002	49.994	50.002	34.72	0.236	0.030076	15502	15.994	95.614	0.986
13.701	3.00552	49.998	50.002	50	34.78	0.254	0.011562	15502	15.672	95.871	0.987
13.6758	3.00395	50.003	50.004	50.002	34.66	0.233	0.021835	15502	15.461	96.07	0.986
13.6623	3.00439	49.998	50.007	49.995	34.13	0.239	0.014269	15502	15.451	96.281	0.987
13.6795	3.00065	50.003	49.999	49.998	33.76	0.235	0.030542	15502	17.752	92.951	0.987
13.6932	3.00762	49.998	49.997	49.999	33.59	0.239	0.011741	15502	19.108	89.447	0.987

13.6546	2.99292	50.003	49.994	49.998	33.39	0.234	0.037695	15502	21.096	79.352	0.986
13.6758	3.00433	49.997	50.003	50.002	33.35	0.244	0.024633	15502	22.861	74.34	0.986
13.6706	3.00518	50.003	49.995	50.002	33.37	0.235	0.009469	15502	23.312	72.608	0.987
13.6494	2.99643	49.998	50	50.002	33.72	0.248	0.051684	15502	22.681	82.411	0.986
13.6914	3.00017	49.995	50	49.997	33.48	0.228	0.033775	15502	22.721	84.428	0.985
13.6769	3.00044	49.995	50.001	49.999	33.56	0.237	0.063788	15502	22.139	87.517	0.987
13.6719	2.99517	50	50.001	49.997	33.35	0.237	0.02779	15502	22.751	84.283	0.985
13.6907	3.00823	49.999	49.996	50.002	33.4	0.236	0.018161	15502	22.691	81.925	0.984
13.6536	2.99044	49.998	49.998	49.996	33.42	0.249	0.020175	15502	22.661	83.071	0.985
13.6739	2.99679	50	50	50.003	33.38	0.243	0.022414	15502	24.555	76.881	0.983
13.6838	3.00256	50	49.997	50	33.39	0.233	0.005068	15502	22.801	84.542	0.984
13.6793	2.99751	50.002	50.004	50.008	33.53	0.228	0.027663	15502	22.149	87.91	0.982
13.6603	2.99609	50.001	49.999	49.999	33.45	0.239	0.007089	15502	21.487	90.861	0.983
13.6712	2.99851	49.995	49.999	50	33.63	0.229	0.013389	15502	21.186	91.769	0.982
13.6781	2.99729	50.003	49.995	49.996	33.61	0.23	0.014874	15502	21.056	91.968	0.984
13.6871	2.99791	49.999	50.001	50.001	33.56	0.229	0.00972	15502	20.905	91.884	0.983
13.6392	2.99353	50.001	49.995	50.004	33.37	0.237	0.007199	15502	20.805	92.598	0.984
13.6837	3.00536	50.001	50.002	50	33.51	0.248	0.013596	15502	20.654	93.202	0.981
13.6692	3.00355	49.998	50.003	50.001	33.76	0.236	0.015105	15502	20.353	94.485	0.982
13.6924	3.00732	49.998	50.001	49.999	33.54	0.239	0.005806	15502	20.243	94.905	0.982
13.6555	3.00057	50.001	50.001	49.998	33.77	0.233	0.003794	15502	20.213	94.942	0.981
13.6208	2.99019	50.002	50.004	50.003	33.57	0.237	0.012182	15502	20.132	95.233	0.984
13.6685	2.99593	50.001	50.002	49.998	33.55	0.235	0.007961	15502	20.514	94.505	0.984
13.6618	2.99439	50.001	50	50.001	33.49	0.242	0.073869	15502	21.417	92.292	0.983
13.6636	2.99375	49.999	50.002	50.002	33.55	0.232	0.016703	15502	25.407	75.417	0.981
13.6497	2.99008	50.004	50.002	50.003	33.69	0.234	0.018557	15502	24.525	77.577	0.982
13.658	2.99877	50.002	50.002	50	33.65	0.231	0.035046	15502	25.927	70.994	0.982
13.6969	3.01075	49.998	49.998	49.997	33.79	0.236	0.044125	15502	27.069	66.251	0.981
13.683	3.00273	50.006	50	49.998	33.72	0.233	0.025443	15502	27.789	61.461	0.981
13.6708	2.99859	50.007	49.999	50	33.71	0.233	0.081689	15502	28.75	61.645	0.981
13.6794	2.99903	50	49.999	50.004	33.7	0.231	0.053383	15502	29.52	61.459	0.98
13.66	2.99825	50.004	49.998	50.003	33.94	0.238	0.039537	15502	29.84	57.918	0.981
13.6772	2.9992	49.999	50.003	49.997	34.04	0.248	0.112005	15502	30.15	61.987	0.982
13.642	2.99991	50	49.999	49.999	34.03	0.234	0.043056	15502	29.77	64.445	0.98
13.6685	3.00158	49.995	49.996	49.997	33.47	0.234	0.031888	15502	28.87	70.792	0.979
13.6708	3.0029	50	50.003	50.008	33.61	0.237	0.020839	15502	26.608	77.841	0.979

13.6622	2.98711	50	49.993	50.001	33.45	0.242	0.013618	15502	25.076	82.368	0.979
13.6951	3.00487	50.001	50.005	49.999	33.4	0.232	0.007852	15502	24.635	82.558	0.98
13.6699	3.00282	49.998	49.999	50.006	33.54	0.232	0.025211	15502	23.803	86.23	0.98
13.6663	3.00345	50.004	49.999	50.01	33.39	0.236	0.016475	15502	23.483	88.691	0.98
13.6672	3.00014	50.001	50.002	50	33.43	0.246	0.018303	15502	23.362	89.075	0.978
13.6644	2.9926	50.001	49.999	49.999	33.54	0.229	0.017941	15502	23.302	89.905	0.978
13.6469	2.99565	49.998	49.995	50	33.53	0.228	0.033884	15502	23.242	90.68	0.975
13.6859	3.00079	50.004	50.001	50	33.41	0.237	0.022143	15502	23.172	92.012	0.977
13.6843	3.00943	50	49.994	49.998	33.4	0.24	0.0246	15502	23.142	93.056	0.975
13.69	2.99959	50	50.001	50.002	33.51	0.226	0.008344	15502	22.721	94.172	0.975
13.6634	2.99575	50.003	50.002	50.003	33.4	0.234	0.07742	15502	23.844	90.326	0.974
13.6574	3.0023	50	49.996	49.995	34.04	0.244	0.010298	15502	19.259	96.193	0.974
13.682	3.00213	50.002	49.998	49.998	33.57	0.244	0.095552	15502	20.765	96.243	0.975
13.6804	2.99828	49.998	49.997	50.001	33.37	0.238	0.007476	15502	21.607	92.294	0.976
13.6794	2.99705	50.003	49.999	50.001	33.43	0.229	0.06937	15502	25.226	80.73	0.975
13.6426	2.99729	50.001	49.996	50.001	33.45	0.242	0.077066	15502	26.829	75.397	0.975
13.6751	3.0044	50	50.004	49.999	33.39	0.231	0.044437	15502	27.839	75.039	0.975
13.6679	3.00056	50.001	50.003	49.998	33.56	0.233	0.02904	15502	30.01	71.921	0.974
13.6417	2.99837	49.997	49.998	49.995	33.52	0.238	0.032261	15502	29.33	77.052	0.972
13.6446	2.991	49.996	49.996	50.006	33.55	0.235	0.060929	15502	31.369	71.596	0.97
13.662	2.99988	50.002	49.994	50.003	33.45	0.233	0.067688	15502	30.46	76.081	0.971
13.6478	2.99288	49.995	49.996	49.998	33.48	0.233	0.044234	15502	24.104	68.608	0.971
13.6816	3.00515	49.999	49.999	49.999	33.35	0.234	0.028907	15502	25.537	66.136	0.969
13.6749	2.99748	50	49.997	50.003	33.34	0.233	0.01889	15502	23.914	79.026	0.969
13.6836	2.99783	50.001	50.003	49.999	33.24	0.236	0.06065	15502	26.108	57.427	0.969
13.6826	2.9976	50.003	49.996	50.001	33.51	0.229	0.114544	15502	25.777	57.225	0.969
13.6593	3.0018	50.001	50.002	50.001	33.35	0.231	0.015236	15502	22.791	76.468	0.971
13.6658	3.00466	50.001	49.997	50	33.43	0.228	0.016926	15502	21.908	81.854	0.971
13.6551	3.00089	49.994	49.998	50	33.52	0.225	0.00976	15502	22.259	83.109	0.97
13.6671	3.00219	50	50.003	49.999	33.48	0.247	0.018433	15502	21.006	88.985	0.969
13.6719	2.99776	49.998	50.002	49.999	33.37	0.233	0.007086	15502	20.353	91.372	0.97
13.6406	2.99433	49.996	50	49.998	33.55	0.229	0.013382	15502	20.152	91.485	0.97
13.6701	2.99598	50.003	49.999	49.999	33.42	0.236	0.008745	15502	20.052	91.526	0.97
13.6731	3.00151	50.002	49.998	50.001	33.49	0.226	0.016516	15502	19.861	92.268	0.969
13.6704	3.00085	49.996	49.999	50	33.41	0.239	0.010793	15502	21.397	87.948	0.97
13.6505	2.99565	50	49.998	49.999	33.35	0.247	0.013589	15502	23.513	82.105	0.972

13.6572	2.99629	49.999	50	50.006	33.56	0.239	0.025665	15502	25.807	72.947	0.972
13.681	2.99797	50.001	49.997	50.003	33.66	0.227	0.028512	15502	26.578	66.314	0.972
13.662	3.00437	50.001	50.004	50	33.51	0.236	0.018632	15502	27.159	63.894	0.972
13.6669	3.00188	50.003	49.997	49.999	33.52	0.232	0.059821	15502	26.989	66.355	0.972
13.6571	3.00048	50	50.002	50.001	33.44	0.237	0.039093	15502	27.229	64.858	0.972
13.6893	3.00605	50.001	49.996	50.001	33.37	0.232	0.04343	15502	28.41	62.107	0.974
13.6603	2.99402	49.993	50.001	49.997	33.58	0.24	0.139438	15502	28.69	57.311	0.975
13.677	2.99914	49.995	49.998	50.001	33.58	0.235	0.053601	15502	28.37	62.131	0.975
13.6944	3.01077	49.999	50.003	50.001	33.7	0.235	0.020605	15502	27.809	65.698	0.972
13.6821	3.00456	50.006	50.003	49.998	33.78	0.234	0.074975	15502	27.309	62.566	0.975
13.668	2.99731	49.997	49.998	50	33.47	0.235	0.009973	15502	26.128	65.148	0.975
13.6842	3.00457	50.006	50.001	49.995	33.35	0.225	0.011079	15502	23.202	78.585	0.977
13.6618	3.00111	50.006	49.999	50.002	33.45	0.237	0.020924	15502	21.898	82.57	0.977
13.6939	3.00899	50.006	50	49.998	33.62	0.247	0.013674	15502	20.052	82.363	0.98
13.6842	3.00693	50	50.007	50.005	34.05	0.233	0.008936	15502	18.677	84.918	0.978
13.6372	2.99118	50.001	50.004	50.004	33.96	0.248	0.028689	15502	17.732	80.254	0.98
13.6646	2.99661	50	50	50.002	34	0.233	0.011028	15502	16.888	74.532	0.981
13.6501	2.99955	49.999	49.998	49.998	34.52	0.241	0.012252	15502	15.833	75.324	0.98
13.6707	3.0001	50.001	50.001	50.001	34.03	0.235	0.008007	15502	14.646	80.212	0.981
13.691	3.00531	49.995	49.994	49.996	33.36	0.234	0.010081	15502	14.062	81.823	0.981
13.6519	2.99539	50	50	50.004	32.79	0.24	0.011199	15502	13.267	86.19	0.981
13.6548	2.99339	49.995	50	50.005	32.69	0.238	0.012442	15502	12.875	87.958	0.983
13.6792	3.00398	49.998	50.002	49.996	33.63	0.24	0.02663	15502	15.451	77.485	0.983
13.6588	2.99667	49.999	49.999	50.002	33.53	0.235	0.029585	15502	18.064	70.314	0.983
13.6776	3.00407	50.002	49.999	50.002	33.75	0.242	0.032867	15502	20.313	67.673	0.984
13.6609	3.0003	50.001	50	50.001	33.92	0.233	0.036513	15502	21.969	65	0.984
13.6559	2.9902	50.004	49.994	50.001	33.91	0.235	0.027043	15502	22.941	65.574	0.983
13.6563	2.99984	50	50.001	49.993	33.63	0.238	0.086824	15502	24.806	57.419	0.984
13.6854	3.00209	50.003	49.994	50.002	33.37	0.233	0.056739	15502	24.806	54.997	0.983
13.6695	2.99647	49.994	49.998	50.002	33.41	0.234	0.037079	15502	25.517	53.272	0.984
13.6849	3.00605	50	50.001	49.993	33.74	0.238	0.036346	15502	26.348	52.56	0.984
13.6376	2.99147	49.997	50.004	50.002	33.7	0.234	0.116694	15502	26.118	52.433	0.983
13.6778	2.99693	50	49.999	50.001	33.77	0.229	0.044858	15502	24.886	55.165	0.982
13.6514	2.99802	49.997	49.997	50.004	33.38	0.237	0.010143	15502	24.926	60.13	0.982
13.6655	2.99916	49.999	50.005	50.004	33.52	0.237	0.032567	15502	23.623	70.287	0.982
13.6472	2.99724	50.001	50.002	49.998	33.48	0.247	0.10456	15502	22.48	64.415	0.983

13.7028	3.00353	49.998	50.002	50.003	33.96	0.233	0.013908	15502	19.44	65.002	0.982
13.6411	2.99683	50.005	50.003	50.001	34	0.231	0.009089	15502	17.994	61.709	0.984
13.6639	3.0019	49.998	49.992	50.001	34.08	0.235	0.015146	15502	17.25	66.276	0.984
13.6812	3.00506	50.002	50.008	50.003	34.09	0.241	0.028604	15502	16.818	70.274	0.983
13.6577	2.99587	50.003	49.998	50.002	34.04	0.24	0.018693	15502	16.386	74.378	0.984
13.6273	2.99121	50.001	50	50	34.04	0.238	0.013844	15502	16.044	78.587	0.984
13.6971	3.00859	50.002	50.001	50.002	34.28	0.238	0.026146	15502	16.124	79.32	0.982
13.6544	2.99918	50.004	49.999	50.001	33.99	0.251	0.010051	15502	16.215	81.71	0.984
13.6612	2.99461	49.999	49.998	50.003	34.03	0.238	0.018982	15502	16.315	82.825	0.983
13.7008	3.00601	49.996	49.997	50.002	34.05	0.251	0.004292	15502	16.255	86.455	0.982
13.6652	2.99684	49.997	50.006	50.001	34.31	0.242	0.039827	15502	16.195	91.374	0.984
13.6837	3.00829	49.998	49.999	50.003	34.15	0.247	0.044245	15502	17.18	91.626	0.984
13.6833	3.0061	50.003	49.999	49.999	33.63	0.235	0.010005	15502	18.466	87.51	0.983
13.7023	3.00411	50.001	49.997	49.997	33.48	0.235	0.032122	15502	19.41	85.799	0.983
13.6613	2.99976	49.998	49.996	50.003	33.45	0.236	0.035685	15502	20.674	83.562	0.982
13.6572	3.00157	49.994	49.998	50.003	33.41	0.235	0.067396	15502	21.527	87.421	0.982
13.6835	3.00519	49.999	49.999	50.003	33.37	0.237	0.01524	15502	23.322	79.351	0.981
13.6413	2.99717	49.999	50.005	50.005	33.35	0.229	0.083179	15502	24.866	76.4	0.977
13.6805	2.99875	49.997	49.999	49.998	33.35	0.233	0.031975	15502	26.098	69.454	0.978
13.6326	2.99446	50.005	49.996	50.001	33.34	0.234	0.035522	15502	26.368	69.273	0.978
13.6744	3.0016	50	50.004	49.998	33.35	0.234	0.067087	15502	25.787	74.223	0.978
13.6688	3.0026	49.997	49.999	49.995	33.36	0.248	0.126701	15502	23.272	87.955	0.978
13.6643	3.00094	50.003	50.002	49.997	33.4	0.238	0.02865	15502	22.28	92.558	0.977
13.635	2.99234	50.001	50.002	49.999	33.38	0.231	0.031829	15502	23.042	89.336	0.978
13.661	2.99949	49.998	50	50.002	33.4	0.231	0.102189	15502	23.102	91.049	0.978
13.6288	2.9931	49.998	50.002	50.002	33.35	0.231	0.013593	15502	22.891	92.035	0.977
13.6331	2.99057	50	49.999	49.998	33.35	0.233	0.029094	15502	23.042	91.555	0.978
13.6817	2.99846	50.001	50.003	50	33.39	0.232	0.006579	15502	22.981	90.642	0.975
13.6768	2.99673	50.002	49.997	50	33.36	0.232	0.061042	15502	22.771	92.192	0.975
13.6736	3.00569	49.997	49.998	50.003	33.42	0.233	0.013803	15502	23.372	87.688	0.978
13.6687	2.99705	50.002	49.996	50.002	33.35	0.23	0.00902	15502	22.49	91.205	0.977
13.6733	3.0036	49.999	49.999	50.001	33.39	0.247	0.011357	15502	22.219	90.83	0.976
13.7239	2.99614	50	50.001	50	33.44	0.233	0.105379	15502	22.029	90.478	0.976
13.6711	2.99973	50.001	50	49.993	33.46	0.239	0.008245	15502	20.925	93.774	0.975
13.6654	3.0025	50.003	50	49.998	33.35	0.235	0.026472	15502	23.282	89.032	0.975
13.6616	2.99316	50.006	50	50	33.55	0.238	0.029409	15502	25.787	80.767	0.976

13.7041	3.00453	49.998	50	50.001	33.78	0.237	0.037028	15502	26.859	77.292	0.977
13.6682	2.99724	49.998	49.998	50.002	33.5	0.231	0.069931	15502	28.36	75.808	0.977
13.6708	3.0027	49.997	49.994	49.998	33.63	0.231	0.015813	15502	29.48	74.296	0.977
13.6361	2.99219	49.993	50.001	50.001	33.45	0.246	0.029865	15502	30.09	73.221	0.975
13.6571	3.00316	50	49.997	50	33.35	0.247	0.163003	15502	30.93	70.646	0.977
13.6806	3.00466	50.001	50.001	50	33.4	0.226	0.106522	15502	32.648	66.157	0.975
13.6794	3.00588	49.999	50	49.999	33.83	0.243	0.024087	15502	32.438	65.127	0.974
13.6909	3.00493	49.995	50	49.999	33.47	0.233	0.045491	15502	30.49	73.582	0.975
13.6623	3.0021	49.997	50	49.997	33.58	0.236	0.146054	15502	32.438	57.514	0.975
13.6441	2.99808	49.996	49.999	49.995	33.89	0.232	0.095446	15502	32.458	63.335	0.976
13.6731	2.99662	49.999	50.002	50.01	33.38	0.227	0.03669	15502	31.849	69.115	0.975
13.6647	3.00344	49.999	49.998	50.003	33.38	0.234	0.340437	15502	30.32	77.167	0.976
13.685	3.0017	50.002	50.002	50.001	33.49	0.239	0.130867	15502	27.049	90.723	0.977
13.6719	2.99892	50.002	50.001	49.997	33.35	0.239	0.145386	15502	26.368	90.872	0.977
13.6678	3.00364	49.999	50.004	49.998	33.48	0.246	0.055888	15502	25.347	94.226	0.977
13.6896	3.00218	50.003	50.002	49.998	33.41	0.244	0.036522	15502	25.507	93.355	0.978
13.667	3.00138	50.005	49.998	50.001	33.35	0.236	0.023867	15502	25.567	92.543	0.977
13.6568	2.99432	49.999	50	50	33.38	0.233	0.051086	15502	24.545	87.892	0.979
13.6869	3.00307	49.999	50.001	50.003	33.35	0.229	0.033384	15502	24.084	89.298	0.979
13.6679	2.99891	49.998	50.004	49.998	33.39	0.235	0.021816	15502	23.593	91.504	0.979
13.6666	3.00902	49.998	50.002	50.002	33.35	0.228	0.014257	15502	23.523	92.991	0.979
13.6776	2.99547	50.003	50.001	49.995	33.35	0.232	0.045774	15502	23.803	93.876	0.978
13.6179	2.98007	50.003	50	50.003	33.4	0.233	0.017596	15502	26.238	86.845	0.978
13.6748	3.00233	50.002	50	50	33.38	0.239	0.033231	15502	26.989	85.218	0.978
13.6472	2.99477	49.999	50.004	50.002	33.35	0.232	0.036918	15502	28.09	81.422	0.979
13.659	3.00019	50.005	49.998	50	33.35	0.236	0.046483	15502	28.71	79.331	0.979
13.6847	3.00221	49.998	49.999	49.999	33.41	0.235	0.077459	15502	30.17	73.492	0.978
13.7019	3.00227	50.001	50	50	33.55	0.236	0.057368	15502	32.249	68.92	0.977
13.6659	3.0037	49.995	50.003	50.002	33.44	0.24	0.108346	15502	31.05	72.688	0.978
13.6821	3.00014	50.005	49.998	49.998	33.35	0.241	0.036749	15502	31.04	70.695	0.976
13.6593	3.00153	50.001	49.999	50.001	33.35	0.232	0.040826	15502	30.84	72.735	0.977
13.6826	2.99953	50.002	50	50.003	33.35	0.241	0.051403	15502	31.11	60.011	0.977
13.6785	3.00646	50.001	50	50.004	33.39	0.233	0.057106	15502	31.319	61.835	0.977
13.6587	2.99997	50	49.999	50.006	33.46	0.231	0.063441	15502	30.96	61.778	0.977
13.6535	3.00099	50.002	50	50.001	33.35	0.246	0.041459	15502	30.49	67.786	0.978
13.6369	2.996	50.005	50.001	50.002	33.35	0.231	0.027093	15502	28.7	68.852	0.977

13.6735	3.00343	50.003	49.998	49.998	33.35	0.229	0.010415	15502	27.019	71.338	0.978
13.6675	2.99939	49.999	49.995	49.997	33.38	0.227	0.01157	15502	25.577	79.587	0.978
13.6626	3.00253	49.995	50.005	50.002	33.4	0.241	0.021852	15502	25.527	80.583	0.977
13.6683	3.00314	49.999	50.002	50.003	33.35	0.226	0.0084	15502	24.385	86.315	0.98
13.6847	3.00604	49.998	50.003	50.002	33.35	0.229	0.009332	15502	24.495	87.583	0.979
13.6669	2.99725	49.996	50.002	49.999	33.38	0.24	0.010367	15502	24.725	88.966	0.98
13.6647	3.00095	49.999	50.007	49.996	33.35	0.238	0.013053	15502	24.295	90.892	0.978
13.6994	3.00512	50	50	49.998	33.35	0.247	0.012795	15502	23.904	92.384	0.978
13.6568	2.99785	50.001	49.994	49.999	33.37	0.232	0.009476	15502	23.723	92.972	0.977
13.6939	3.00746	49.999	49.999	49.999	33.35	0.235	0.017897	15502	22.941	94.25	0.978
13.6506	2.99997	49.999	50.005	49.999	33.42	0.228	0.019883	15502	23.423	94.009	0.979
13.6838	3.00308	49.995	50	49.998	33.35	0.235	0.012993	15502	24.535	90.832	0.979
13.6596	2.99977	49.997	50.002	49.999	33.35	0.237	0.041716	15502	25.947	85.44	0.98
13.6572	2.99636	49.994	50	50	33.4	0.238	0.046345	15502	27.829	73.838	0.98
13.6964	3.00634	49.997	50.002	50.004	33.57	0.246	0.030286	15502	28.1	68.83	0.979
13.6835	3.00416	50.004	50.003	49.999	33.57	0.239	0.033646	15502	28.67	67.44	0.98
13.6634	2.99204	49.999	50	49.998	33.48	0.24	0.042363	15502	28.43	69.788	0.981
13.6666	3.00473	50.001	50.002	49.998	33.35	0.236	0.070593	15502	27.869	68.207	0.981
13.6677	2.99649	50.001	50.001	50	33.35	0.235	0.030755	15502	27.919	66.574	0.979
13.6723	3.00096	50.004	50.004	49.999	33.39	0.234	0.167863	15502	28.82	68.17	0.978
13.6888	3.00958	50.003	50.003	50.001	33.5	0.242	0.037958	15502	27.849	63.647	0.977
13.6501	2.99759	50.003	50.006	50	33.42	0.241	0.042169	15502	27.279	58.036	0.979
13.6448	2.99714	49.999	50.002	49.996	33.36	0.238	0.027557	15502	27.249	57.472	0.98
13.6728	2.99784	50.003	49.999	49.997	33.35	0.229	0.02041	15502	24.826	72.814	0.979
13.6716	2.99988	50.001	50.002	50.001	33.62	0.233	0.011768	15502	21.567	85.884	0.979
13.6611	2.9942	49.995	49.997	49.995	34.03	0.234	0.013074	15502	20.604	90.123	0.98
13.6494	2.99029	49.998	50	50	33.98	0.241	0.008544	15502	19.952	92.93	0.979
13.6828	3.00319	50.001	50.001	50	34.07	0.241	0.010757	15502	19.199	93.958	0.98
13.67	3.00516	49.998	50.002	49.999	34.03	0.24	0.003649	15502	18.727	94.816	0.98
13.6705	3.00185	50.002	50.001	50.006	34.29	0.25	0.013277	15502	18.747	95.264	0.98
13.6584	2.99449	49.997	49.999	49.997	34.17	0.236	0.013014	15502	17.823	95.456	0.978
13.6947	3.0052	50	50	49.998	34.12	0.249	0.014458	15502	17.421	95.979	0.98
13.6508	2.99552	50.005	50	50.001	34.03	0.237	0.018204	15502	17.702	95.683	0.979
13.6788	2.99831	50.003	49.996	50	34.03	0.229	0.020223	15502	17.742	95.784	0.98
13.7051	3.00385	49.997	50	49.999	33.4	0.233	0.110379	15502	20.524	86.525	0.977
13.6305	2.99349	50.003	50.001	50.003	33.62	0.231	0.024959	15502	23.192	76.794	0.98

13.6546	3.00284	49.998	49.997	49.999	34.03	0.234	0.047138	15502	25.226	71.119	0.978
13.6616	3.00365	50	49.998	49.998	34.02	0.248	0.01812	15502	26.308	61.287	0.978
13.6413	2.99633	49.999	50.003	50.001	33.63	0.234	0.034222	15502	27.409	68.708	0.978
13.6621	3.00017	50.002	50.002	49.998	33.68	0.233	0.064632	15502	28.35	58.537	0.977
13.6617	2.99156	50.003	50.001	50.002	33.54	0.242	0.042237	15502	28.88	52.293	0.977
13.6513	2.99838	49.999	49.998	50	33.64	0.235	0.079768	15502	29.45	58.422	0.976
13.6446	2.9962	49.997	49.999	49.996	34	0.231	0.030664	15502	29.53	59.274	0.976
13.6677	3.0077	49.999	50.003	50.002	33.78	0.233	0.111576	15502	28.59	67.631	0.976
13.6578	2.99863	49.998	50.004	50.002	33.77	0.243	0.02523	15502	25.517	75.164	0.974
13.6876	3.00654	50.004	49.999	50.004	33.66	0.228	0.081004	15502	26.488	70.07	0.975
13.6853	3.00604	50.001	50.001	49.998	33.51	0.237	0.031139	15502	26.368	74.224	0.976
13.6742	3.00569	49.998	50.003	49.998	33.5	0.246	0.01197	15502	25.737	77.311	0.977
13.664	2.99938	49.999	50	49.997	33.62	0.232	0.007822	15502	23.623	88.262	0.976
13.6895	3.00504	50.004	49.999	50	33.49	0.241	0.005112	15502	23.082	91.305	0.976
13.6628	2.99223	49.994	50.004	50.002	33.42	0.234	0.016412	15502	23.001	82.764	0.975
13.69	3.00864	50.001	50.001	49.998	33.41	0.227	0.052693	15502	22.861	80.433	0.977
13.6475	2.98968	49.996	50.001	50	33.45	0.236	0.020256	15502	21.939	83.063	0.977
13.6894	3.00244	50.001	50.001	50.001	33.78	0.236	0.015002	15502	20.444	87.26	0.977
13.6368	2.99298	49.999	50	49.999	33.92	0.233	0.009804	15502	19.55	86.222	0.978
13.6625	3.00416	49.998	50.003	49.999	34.03	0.239	0.006407	15502	18.697	84.578	0.977
13.6847	3.00297	50.001	49.996	49.997	34.03	0.235	0.007117	15502	17.853	84.384	0.977
13.6679	2.99728	50.013	50.002	50	34.33	0.248	0.013442	15502	17.29	84.768	0.977
13.664	3.00174	49.998	49.997	49.996	33.65	0.234	0.014933	15502	19.801	74.874	0.98
13.6566	2.99248	50.003	49.998	49.997	33.75	0.236	0.01659	15502	20.975	71.11	0.98
13.6639	2.99738	49.997	50	50.004	33.92	0.246	0.053265	15502	23.382	65.615	0.979
13.6626	3.00399	50.001	49.998	49.998	33.85	0.235	0.039449	15502	24.505	54.422	0.981
13.6586	2.99608	50.002	50.004	50.001	34.03	0.237	0.074504	15502	25.537	48.04	0.981
13.6531	3.00042	49.995	50.01	50.002	33.72	0.229	0.048688	15502	26.108	44.058	0.981
13.6594	2.99971	49.998	49.999	49.996	33.44	0.241	0.031817	15502	26.038	43.615	0.982
13.6625	2.99195	50	49.999	49.999	33.43	0.243	0.035347	15502	26.989	44.258	0.98
13.6625	3.00245	50.004	50.001	49.995	33.65	0.234	0.113487	15502	27.039	42.116	0.979
13.6796	3.00479	50.002	50.007	49.999	33.99	0.248	0.126077	15502	27.799	39.309	0.98
13.6872	3.00506	50.003	49.997	50.007	34.03	0.231	0.082391	15502	27.569	43.052	0.979
13.6537	2.9998	50	49.999	49.996	34.04	0.239	0.053842	15502	27.249	39.287	0.981
13.6412	2.99563	50.003	49.992	49.999	33.76	0.243	0.035186	15502	27.389	42.561	0.979
13.6748	2.99775	49.998	49.999	49.998	33.49	0.247	0.022994	15502	22.861	64.596	0.98

13.6646	2.99851	49.998	49.996	49.997	34.03	0.231	0.025545	15502	19.339	81.19	0.982
13.6799	3.00397	49.997	49.999	50.001	34.04	0.251	0.048244	15502	18.225	88.522	0.981
13.6889	3.00259	50.001	50	50.003	34.13	0.234	0.031527	15502	17.742	91.129	0.981
13.65	2.99335	50.001	50.001	50	34.04	0.25	0.007129	15502	17.732	90.62	0.981
13.6932	3.00494	50.001	49.999	50	34.53	0.244	0.013464	15502	17.16	92.842	0.981
13.6696	2.99507	50.004	50.001	50.002	34.03	0.236	0.008799	15502	16.587	94.071	0.981
13.6493	2.99402	49.997	49.998	49.999	34.99	0.235	0.00575	15502	15.923	94.774	0.982
13.6678	3.0028	50	49.999	50.005	34.72	0.234	0.010859	15502	15.652	95.219	0.981
13.6945	3.00199	50.003	49.999	49.997	34.93	0.246	0.012064	15502	15.36	95.143	0.983
13.6529	3.00159	49.999	50.002	49.998	34.73	0.234	0.007884	15502	14.757	95.493	0.982
13.6613	3.00131	50	50.001	50	34.06	0.25	0.043029	15502	17.421	90.634	0.984
13.6963	3.01085	49.994	50	49.999	33.66	0.246	0.138151	15502	21.527	72.848	0.983
13.6382	2.99804	50	49.999	50.001	33.97	0.233	0.031239	15502	21.979	72.961	0.983
13.6397	2.99399	49.999	50.002	49.997	33.74	0.237	0.058998	15502	26.869	46.036	0.984
13.675	2.99746	50	49.999	50.002	34.03	0.235	0.098316	15502	28.08	44.919	0.983
13.6535	2.99214	50	50	50.001	34.01	0.237	0.013077	15502	26.728	39.881	0.983
13.6691	3.00533	50	50.003	50.001	33.84	0.241	0.041986	15502	27.109	42.664	0.983
13.6351	2.99434	50.005	49.999	49.995	34.01	0.232	0.134802	15502	26.889	45.444	0.983
13.6939	3.003	50	50	50.001	34.04	0.247	0.051819	15502	28.4	42.572	0.983
13.6673	3.00283	49.997	50.004	50	33.84	0.235	0.033864	15502	26.548	47.512	0.981
13.6971	3.00313	50	49.999	50	33.56	0.235	0.108723	15502	26.458	54.887	0.981
13.6493	3.00031	50	49.997	49.997	33.57	0.245	0.181178	15502	25.697	56.155	0.98
13.7089	3.00235	50.007	49.997	49.999	33.36	0.238	0.069646	15502	24.876	58.934	0.981
13.6558	3.00049	50	50.001	50.001	33.68	0.241	0.045514	15502	22.791	69.109	0.982
13.6538	2.99942	50.001	50.011	49.998	33.99	0.248	0.010292	15502	21.407	77.286	0.981
13.6706	3.00249	50	50.002	50.003	34.03	0.238	0.033043	15502	20.905	84.266	0.981
13.6503	2.99463	50.001	50.003	50	33.74	0.23	0.021593	15502	20.403	86.203	0.981
13.7115	3.01223	50.002	50.001	50.006	34.03	0.233	0.061172	15502	19.912	87.958	0.984
13.6574	3.00037	49.995	50.002	50.003	33.9	0.243	0.013832	15502	18.767	92.123	0.981
13.6807	3.00081	50	50.001	50	34.28	0.24	0.015367	15502	17.943	94.164	0.983
13.6633	2.98954	50.002	49.998	49.998	34.09	0.243	0.011381	15502	17.582	94.952	0.983
13.6885	2.99848	50.001	50.002	49.998	34.26	0.243	0.018966	15502	17.2	95.288	0.982
13.6738	2.99938	49.998	49.997	50.001	34.05	0.237	0.012394	15502	16.496	95.534	0.983
13.6614	2.99465	50	49.998	50.002	34.07	0.237	0.0054	15502	16.114	95.841	0.984
13.6634	3.00173	49.996	50.002	49.999	33.94	0.25	0.010198	15502	18.546	92.795	0.983
13.6785	2.99724	50	50.004	50	33.64	0.235	0.019259	15502	23.102	73.506	0.984

13.6869	2.99891	50.005	50.003	49.998	33.84	0.239	0.036373	15502	25.357	62.76	0.983
13.6815	3.00032	50	49.999	49.999	34.04	0.234	0.068695	15502	28.12	51.483	0.984
13.6839	3.00294	49.999	50.002	49.998	34.02	0.232	0.076316	15502	28.67	45.822	0.985
13.6664	2.99762	49.998	50	49.997	33.96	0.232	0.029337	15502	29.04	47.489	0.984
13.6819	2.99832	49.999	50.004	49.999	33.91	0.247	0.094189	15502	27.899	46.26	0.983
13.667	2.99709	50.002	49.998	50.004	33.82	0.247	0.012528	15502	28.35	45.15	0.983
13.6736	3.00343	49.998	50.001	50	33.97	0.247	0.013918	15502	29.2	40.79	0.984
13.661	3.00278	50	50.002	49.999	34.04	0.243	0.075967	15502	29.3	42.502	0.984
13.6904	3.00292	50.002	50.002	50.002	33.95	0.247	0.162601	15502	28.7	43.01	0.982
13.6458	2.99659	50.006	50.003	50.006	34.04	0.235	0.062505	15502	29.2	39.352	0.983
13.6692	2.99338	50	50	49.998	33.77	0.233	0.040847	15502	28.32	50.314	0.982
13.6534	2.99781	50.003	50.004	49.997	33.49	0.237	0.045378	15502	24.715	64.762	0.983
13.6639	2.99892	50.002	50.001	49.998	34	0.244	0.029655	15502	21.196	81.238	0.982
13.6807	3.00616	50.001	50	50	34.01	0.236	0.019379	15502	19.861	87.843	0.984
13.6665	2.99285	50.003	49.999	50	34.04	0.243	0.012664	15502	19.269	91.423	0.982
13.6478	2.99759	50.001	50	50	34.13	0.236	0.027107	15502	18.727	93.497	0.984
13.654	2.99493	50.001	50.001	50.003	34.03	0.234	0.017714	15502	18.204	94.255	0.984
13.7183	3.0091	50	49.998	49.999	34.08	0.241	0.011576	15502	17.803	94.703	0.983
13.662	2.99541	50.001	50.005	49.995	34.45	0.235	0.01286	15502	17.18	95.261	0.984
13.6321	2.99221	50.001	50	50.003	34.13	0.249	0.004944	15502	16.858	95.567	0.985
13.6739	2.99944	50.003	50	50.001	34.67	0.237	0.015872	15502	16.416	95.729	0.983
13.6648	2.9954	49.998	49.999	50	34.42	0.25	0.006101	15502	16.416	96.16	0.984
13.6678	3.00331	50	49.998	49.998	33.84	0.238	0.037742	15502	19.891	93.028	0.984
13.649	3.0004	49.997	49.997	49.998	33.65	0.229	0.041929	15502	22.831	73.923	0.984
13.669	3.00121	49.998	50.002	49.997	33.94	0.235	0.046581	15502	25.547	65.315	0.984
13.6675	2.99938	50	50	50.002	34.02	0.234	0.051749	15502	27.549	55.104	0.984
13.6509	3.00057	49.994	49.997	49.999	34.03	0.24	0.05749	15502	28.95	49.547	0.985
13.6544	2.98737	50.004	50.001	49.996	33.89	0.238	0.013	15502	27.96	51.687	0.985
13.6709	3.00501	50.001	49.997	50.002	33.59	0.231	0.070953	15502	28.51	50.497	0.983
13.6806	2.99731	49.996	50	50.005	33.43	0.244	0.027275	15502	28.08	52.057	0.985
13.6607	3.00483	50.001	50.002	49.997	33.46	0.229	0.051512	15502	27.879	53.566	0.981
13.6472	3.00048	49.998	50.001	50.002	33.35	0.232	0.097285	15502	27.539	56.298	0.981
13.668	3.00574	50	50.001	49.996	33.35	0.23	0.037397	15502	27.749	54.12	0.982
13.653	2.99891	49.997	50.003	50.003	33.48	0.229	0.047086	15502	27.99	55.419	0.981
13.6612	3.00143	49.997	50.001	50.001	33.37	0.233	0.05231	15502	27.679	57.1	0.981
13.6649	3.00026	50.001	50	50.002	33.35	0.247	0.058113	15502	25.527	67.33	0.982

13.6407	2.99784	50	49.996	49.999	33.78	0.229	0.022339	15502	23.493	76.855	0.98
13.7199	3.00979	49.997	50.002	50.003	33.4	0.237	0.04219	15502	22.239	82.62	0.981
13.6625	2.99579	49.998	49.998	50	33.61	0.234	0.07968	15502	22.871	81.552	0.982
13.6585	2.99352	50.005	49.998	50	33.54	0.248	0.018017	15502	22.871	79.939	0.981
13.7037	3.00618	50.002	50.001	50	33.45	0.232	0.038565	15502	23.001	78.623	0.98
13.6506	2.99518	49.998	49.997	49.996	33.47	0.248	0.014825	15502	22.841	78.587	0.981
13.6658	3.0041	50.002	49.998	49.998	33.42	0.245	0.009688	15502	22.35	81.283	0.981
13.6553	2.99901	49.999	49.999	50	33.44	0.238	0.018296	15502	22.159	82.065	0.981
13.6648	2.99497	49.997	50.001	49.999	33.71	0.248	0.011957	15502	21.597	84.923	0.979
13.6888	3.00713	50.001	50	50.004	33.57	0.235	0.038388	15502	21.266	86.283	0.98
13.6783	3.00339	50.003	50	49.998	33.36	0.248	0.028431	15502	22.62	82.602	0.981
13.6683	3.00181	50.002	49.998	50.001	33.39	0.235	0.01858	15502	23.623	80.461	0.981
13.6572	2.99927	49.999	50.007	50.001	33.42	0.231	0.059653	15502	25.507	79.146	0.981
13.6749	3.00382	49.998	50.006	50.001	33.45	0.239	0.038983	15502	26.438	77.808	0.981
13.662	2.99473	50	49.999	50.001	33.58	0.239	0.073623	15502	26.568	78.508	0.983
13.6716	2.99603	50	49.998	49.997	33.74	0.236	0.081791	15502	27.559	76.889	0.981
13.6629	3.00596	50.003	50.001	49.998	33.57	0.235	0.05345	15502	29.25	72.579	0.98
13.6837	3.00617	50.005	49.996	49.998	33.48	0.233	0.100946	15502	31.579	64.652	0.978
13.6591	2.9986	49.994	50	49.996	33.89	0.234	0.038805	15502	31.679	62.383	0.979
13.6625	3.00298	50.003	49.999	49.998	33.91	0.246	0.04311	15502	30.96	66.202	0.979
13.6639	3.00252	50.001	50	49.999	33.97	0.235	0.047892	15502	32.328	58.696	0.98
13.6647	3.00052	49.999	50.001	49.995	34.03	0.235	0.031297	15502	33.008	52.522	0.98
13.6648	2.99277	50.001	49.998	50	33.67	0.233	0.100484	15502	31.699	58.602	0.98
13.6886	3.00042	50.005	49.999	49.998	33.58	0.241	0.111632	15502	27.799	70.653	0.981
13.6535	3.00126	49.997	50.002	50	33.74	0.232	0.042912	15502	24.826	82.548	0.979
13.662	2.99409	49.999	49.999	50.002	33.52	0.229	0.028043	15502	25.216	80.068	0.98
13.6479	2.99244	50	49.999	49.997	33.38	0.234	0.00373	15502	24.184	82.483	0.981
13.6622	2.9943	50.001	49.996	50	33.48	0.242	0.020359	15502	22.881	85.767	0.98
13.6866	3.00593	50	49.994	50.005	33.97	0.235	0.013305	15502	21.698	90.082	0.981
13.6613	2.99901	50.001	50.005	49.997	33.54	0.237	0.016751	15502	21.076	91.834	0.98
13.6636	2.99683	50.001	49.999	49.997	33.67	0.234	0.031637	15502	20.423	93.28	0.981
13.6712	3.00471	50	50	49.997	33.89	0.234	0.007154	15502	19.912	94.594	0.979
13.6875	3.00557	50.004	50	50.003	33.63	0.231	0.022968	15502	19.641	95.014	0.982
13.6644	3.00185	49.996	50.002	50.006	34.03	0.241	0.025516	15502	19.51	95.334	0.98
13.7065	3.00284	50.004	49.996	49.997	33.5	0.24	0.016675	15502	20.644	92.879	0.982
13.6567	2.99251	50.003	50.003	50.002	33.42	0.239	0.053536	15502	21.878	87.991	0.981

13.6777	3.00323	50	49.996	50	33.35	0.243	0.02058	15502	23.382	78.676	0.982
13.6821	3.0062	49.998	50.002	50.001	33.39	0.238	0.044049	15502	24.675	73.983	0.981
13.6601	3.00201	50.002	50.002	50.002	33.35	0.242	0.025399	15502	25.206	72.607	0.982
13.692	2.99982	50.002	50.004	50.002	33.41	0.237	0.054365	15502	27.749	67.544	0.981
13.6575	3.00063	50.001	49.994	50.001	33.74	0.238	0.102675	15502	27.599	70.215	0.981
13.6511	2.99528	50	49.998	50.001	33.58	0.232	0.067097	15502	23.543	84.74	0.98
13.6488	2.9976	50.004	50.002	50.01	33.67	0.242	0.015172	15502	22.34	89.957	0.981
13.6632	2.9973	50.003	50.006	50.001	33.35	0.232	0.028654	15502	22.681	88.838	0.982
13.6652	3.00121	49.999	50.002	50.005	33.36	0.236	0.036078	15502	22.61	80.168	0.982
13.6821	3.00626	50	49.998	49.998	33.41	0.249	0.04008	15502	22.931	76.067	0.979
13.6967	3.00046	50	50.002	50.001	33.37	0.231	0.044527	15502	23.022	76.569	0.98
13.6563	2.99439	49.998	50	50.002	33.36	0.249	0.084094	15502	22.821	80.919	0.981
13.7051	3.00523	49.999	49.99	49.998	33.64	0.236	0.019016	15502	21.096	87.949	0.981
13.6964	3.00341	50.002	50.002	49.997	33.63	0.236	0.00731	15502	20.263	91.906	0.982
13.6599	2.9954	49.995	50.004	50.002	34.02	0.243	0.015646	15502	19.912	93.102	0.982
13.6597	2.99739	49.999	50	50	33.83	0.241	0.017382	15502	19.751	93.832	0.982
13.6964	3.01029	50	49.998	49.999	33.53	0.242	0.011359	15502	19.61	94.604	0.983
13.68	2.99508	49.998	49.998	50.003	33.93	0.239	0.012619	15502	19.249	94.648	0.981
13.6435	2.99798	49.999	50.002	50	33.76	0.238	0.015888	15502	18.978	95.215	0.981
13.6701	2.99703	49.999	50.001	49.999	33.95	0.25	0.017651	15502	18.576	95.394	0.981
13.6827	3.00391	50	50.005	50	33.83	0.248	0.019609	15502	18.365	95.648	0.982
13.6261	2.99282	50.002	50	49.998	34.03	0.235	0.012814	15502	18.164	94.578	0.982
13.6643	3.00181	50.002	50.005	50.002	33.61	0.238	0.024201	15502	20.173	88.161	0.981
13.6688	3.00331	50.008	50.004	50.001	33.45	0.25	0.026886	15502	23.683	79.48	0.983
13.6674	2.99801	50.002	50.005	50.001	34.02	0.232	0.050778	15502	26.498	75.684	0.983
13.6697	2.99557	49.999	49.997	49.997	34.04	0.241	0.163028	15502	28.47	69.071	0.982
13.6538	2.99911	49.999	49.999	49.999	34.03	0.236	0.036864	15502	28.21	70.671	0.983
13.6471	2.99826	49.995	50.003	50.004	33.94	0.235	0.069622	15502	29.46	66.037	0.983
13.6641	3.00267	50.003	49.997	50.006	33.37	0.249	0.131488	15502	30.68	58.606	0.983
13.6569	2.99746	49.997	50.006	50.017	37.47	0.225	0	15502	31.409	55.493	0.984
13.6913	3.0043	50.002	50.003	50	33.96	0.226	0.016305	15502	31.03	56.202	0.983
13.6813	3.0042	49.998	49.996	50.005	34.01	0.228	0.018114	15502	31.909	52.959	0.981
13.6656	3.00251	49.999	50.004	50.001	33.86	0.226	0.020124	15502	29.84	63.097	0.983
13.6726	3.00115	50.001	50.001	50	33.63	0.227	0.038006	15502	29.41	61.931	0.981
13.6457	2.99757	49.998	50.003	49.999	33.43	0.236	0.028149	15502	28.22	72.556	0.981
13.6719	3.00375	50.005	50.001	49.995	33.54	0.227	0.018395	15502	26.248	77.279	0.982

13.6889	3.00931	49.999	49.997	50	33.66	0.233	0.012021	15502	24.355	80.228	0.983
13.6441	3.00021	50.002	49.998	49.995	33.64	0.224	0.013355	15502	23.884	77.422	0.982
13.6947	3.00198	50.004	50.001	49.999	33.72	0.225	0.014836	15502	23.132	76.107	0.981
13.6463	2.99508	50.005	49.999	50.003	33.56	0.24	0.016482	15502	22.31	79.19	0.983
13.6344	2.99838	50.002	49.996	49.999	33.46	0.222	0.018311	15502	21.638	82.487	0.982
13.661	2.99488	49.996	50.001	49.999	33.8	0.237	0.039193	15502	21.076	85.102	0.981
13.6869	3.00595	49.994	49.997	49.996	33.99	0.238	0.008862	15502	19.871	90.411	0.983
13.7065	3.0104	49.997	49.998	49.999	33.89	0.234	0.028454	15502	19.159	92.634	0.982
13.6688	2.99342	50.002	50.003	49.997	33.86	0.223	0.018594	15502	19.078	94.128	0.981
13.6443	2.99156	50.003	49.999	49.999	34.04	0.222	0.020657	15502	19.048	94.321	0.983
13.6671	2.99545	50.001	50.003	50.001	33.52	0.23	0.022949	15502	22.019	84.542	0.983
13.6781	3.00456	49.998	50.003	50	33.62	0.228	0.014997	15502	25.757	69.994	0.983
13.674	2.99813	49.998	49.997	49.998	34.02	0.237	0.016661	15502	27.309	68.98	0.983
13.6384	2.99892	49.999	50.004	49.997	34.04	0.229	0.053492	15502	28.97	68.196	0.982
13.6594	2.99589	49.997	50.001	50.003	34.05	0.24	0.023305	15502	30.33	67.551	0.983
13.6641	3.00208	50.004	49.996	50	34.02	0.233	0.015229	15502	31.11	59.731	0.983
13.684	2.99842	49.999	49.999	50	33.93	0.234	0.048896	15502	30.13	63.99	0.983
13.6585	2.99848	49.999	50.004	50	33.63	0.236	0.054321	15502	31.419	61.42	0.982
13.6591	2.99359	49.998	50.001	50	33.65	0.225	0.040231	15502	29.95	64.834	0.983
13.6956	2.99926	50	49.999	49.997	33.37	0.221	0.044695	15502	29.81	71.74	0.979
13.6977	3.00454	49.997	50.002	49.996	33.36	0.232	0.029208	15502	28.53	71.187	0.98
13.6591	2.99312	50	49.998	49.999	33.45	0.228	0.021632	15502	28.39	68.824	0.98
13.6826	3.00047	50.001	49.996	50.004	33.46	0.23	0.024032	15502	27.889	74.687	0.98
13.6724	2.99934	49.996	49.994	49.997	33.41	0.231	0.017799	15502	26.288	82.846	0.98
13.6927	3.00493	49.999	49.994	49.999	33.54	0.239	0.011631	15502	24.725	90.234	0.979
13.6702	2.99475	50.004	50.001	50	33.48	0.226	0.012922	15502	24.365	90.02	0.981
13.6784	2.99791	49.997	50.002	50.001	33.46	0.234	0.041487	15502	24.816	81.036	0.98
13.6635	3.00214	49.999	49.999	49.999	33.35	0.221	0.04609	15502	24.826	79.325	0.981
13.6649	2.9997	49.999	50.002	49.999	33.35	0.227	0.011812	15502	23.332	87.945	0.981
13.6707	3.00554	49.996	50.003	50	33.35	0.224	0.007719	15502	22.47	92.606	0.981
13.685	3.00499	49.996	49.999	50.002	33.39	0.227	0.04213	15502	22.61	91.518	0.982
13.6841	3.00037	49.997	49.999	50	33.55	0.229	0.046804	15502	22.681	92.636	0.98
13.7133	3.00983	50.002	50.005	50	33.46	0.231	0.006226	15502	22.58	92.89	0.982
13.6975	3.00566	50.002	50.004	49.994	33.48	0.225	0.011758	15502	22.4	94.02	0.981
13.6581	2.99543	49.997	50	49.995	33.46	0.231	0.007683	15502	22.56	93.694	0.982
13.6774	3.00739	50.001	50.007	49.998	33.37	0.234	0.005021	15502	24.906	87.035	0.981

13.6869	3.0006	49.997	49.998	50	33.65	0.232	0.006322	15502	25.176	84.297	0.981
13.6594	3.00311	50	50	49.996	33.81	0.227	0.01194	15502	27.369	67.155	0.983
13.6909	3.00406	50.001	49.998	50.003	33.64	0.237	0.013264	15502	27.839	58.46	0.983
13.6917	3.00189	49.999	50	50.003	33.47	0.236	0.008668	15502	28.39	54.971	0.984
13.6845	3.00991	49.991	49.998	49.998	33.36	0.223	0.018553	15502	28.95	44.952	0.985
13.6772	3.00464	49.999	49.999	49.999	33.35	0.228	0.03504	15502	28.93	43.878	0.981
13.7112	3.00839	49.999	50.001	50	33.36	0.229	0.1275	15502	28.63	39.635	0.984
13.6646	3.00328	49.998	49.999	49.999	33.57	0.228	0.055547	15502	28.65	43.072	0.982
13.6677	3.00478	49.999	49.998	49.996	33.57	0.228	0.021353	15502	28.2	38.63	0.982
13.6583	2.99835	49.996	50.003	49.999	33.43	0.236	0.023722	15502	27.869	43.59	0.983
13.6716	2.99846	50.001	50	50	33.34	0.236	0.017569	15502	26.598	50.251	0.982
13.6564	2.99478	49.999	50.001	49.999	33.35	0.226	0.006754	15502	24.315	59.308	0.984
13.6592	3.00466	50.003	50.004	50.002	33.69	0.23	0.007503	15502	21.848	72.743	0.984
13.6631	3.00208	49.997	50	50.003	33.62	0.231	0.004903	15502	20.885	72.862	0.985
13.675	2.99674	50.002	49.999	50.001	33.77	0.228	0.015742	15502	20.273	77.498	0.983
13.6691	2.99713	50.002	49.997	49.999	34.16	0.228	0.029731	15502	19.55	80.418	0.986
13.7009	3.00793	50.002	50	49.998	34.11	0.224	0.011429	15502	18.677	81.957	0.984
13.689	3.00396	50.004	50	50.002	34.53	0.228	0.008464	15502	17.953	83.816	0.984
13.654	3.00278	50.002	49.996	50.003	34.73	0.238	0.009404	15502	17.23	86.111	0.985
13.6339	2.98587	50.002	49.997	50.001	34.18	0.234	0.030191	15502	18.757	79.682	0.985
13.6476	2.99699	50.005	50.002	50.012	34.42	0.231	0.004016	15502	17.642	84.065	0.985
13.7125	3.01077	49.994	50.003	49.998	34.92	0.243	0.007584	15502	17.29	85.643	0.985
13.6649	3.00006	49.997	50.001	50.002	33.84	0.24	0.014324	15502	18.385	81.841	0.985
13.6391	2.99612	50.002	50.001	49.999	33.5	0.232	0.00936	15502	20.775	77.525	0.986
13.6852	3.01035	49.998	50.001	49.999	33.62	0.236	0.010399	15502	22.841	69.576	0.985
13.6683	2.99826	49.999	50.004	50.001	33.86	0.227	0.011553	15502	24.846	63.303	0.987
13.6342	2.99035	49.996	50.001	50.001	33.69	0.238	0.042037	15502	26.789	54.208	0.987
13.6675	3.00043	49.999	50.001	50	33.59	0.23	0.0467	15502	28.39	47.377	0.986
13.6713	2.99741	50.003	49.998	50	33.39	0.227	0.017952	15502	28.97	40.902	0.987
13.6595	2.99848	49.999	49.997	50.001	33.37	0.229	0.006901	15502	29.48	42.047	0.985
13.6706	3.0046	50.001	50.002	49.999	33.54	0.226	0.014771	15502	29.63	39.636	0.986
13.6974	3.00224	50	49.999	49.998	33.75	0.238	0.01641	15502	29.99	43.29	0.985
13.6807	3.0016	49.999	50	50.002	33.81	0.237	0.012153	15502	29.78	40.03	0.985
13.6876	3.00008	49.998	50.002	50.003	33.9	0.228	0.03902	15502	29.55	44.15	0.984

13.6766	3.00081	50	50.001	49.999	33.37	0.226	0.049129	15502	28.81	51.897	0.983
13.6646	2.99852	50.002	49.995	50.001	33.39	0.239	0.018886	15502	26.178	64.176	0.983
13.6856	3.00426	50.003	50.004	50.002	33.56	0.222	0.012342	15502	24.315	69.189	0.982
13.6576	3.0041	50.003	50.006	50	33.61	0.23	0.008065	15502	23.533	71.59	0.984
13.6701	2.99916	49.996	50.002	49.994	33.8	0.241	0.00896	15502	21.597	80.136	0.984
13.6857	3.00128	50.004	50.004	50.003	33.93	0.228	0.005855	15502	20.434	84.407	0.983
13.6556	2.99414	49.998	50	50.003	33.74	0.23	0.006505	15502	19.329	88.101	0.985
13.6551	2.99488	50.002	49.995	50.001	34.03	0.231	0.007227	15502	18.707	88.711	0.984
13.6634	2.99553	50.004	50.003	49.999	34.01	0.239	0.008028	15502	17.361	92.127	0.984
13.6409	2.99546	50.002	50.001	50.001	34.41	0.239	0.008919	15502	17.843	93.513	0.985
13.6659	2.99522	49.997	50.001	49.998	34.04	0.236	0.009908	15502	17.873	92.802	0.984
13.6783	3.00156	50.002	49.999	50	33.98	0.244	0.018713	15502	18.385	92.932	0.984
13.6721	3.00925	49.997	50.002	50.001	33.81	0.233	0.035342	15502	20.062	88.713	0.985
13.6789	3.0089	50.002	50.003	50.001	33.45	0.23	0.039262	15502	22.901	82.485	0.984
13.691	3.00098	50	50	49.999	33.6	0.232	0.008878	15502	24.595	76.456	0.984
13.6395	3.00187	50.001	50.002	49.998	33.7	0.235	0.009863	15502	26.288	70.633	0.984
13.665	2.99701	49.997	49.999	50.001	33.82	0.228	0.053833	15502	27.369	60.755	0.985
13.6651	2.99454	49.997	50.002	50.001	33.68	0.223	0.012173	15502	28.6	47.962	0.983
13.6477	2.9987	50	50.003	49.999	33.35	0.226	0.02299	15502	29.26	40.865	0.982
13.6595	2.99451	50.001	50	49.999	33.35	0.222	0.017027	15502	29.81	36.153	0.983
13.6821	3.00025	50	50.018	50.001	33.36	0.224	0.018916	15502	29.48	37.861	0.982
13.6474	2.99699	50	49.997	50.001	33.46	0.236	0.035725	15502	29.97	39.706	0.981
13.6488	2.98996	49.997	50	49.998	33.54	0.225	0.013733	15502	29.35	40.43	0.983
13.6579	2.99136	50.002	50.001	50	33.63	0.23	0.025936	15502	28.66	41.618	0.983
13.6865	3.00833	50.001	50.004	49.997	33.37	0.222	0.016949	15502	27.299	46.089	0.982
13.6677	2.99723	49.997	50	49.998	33.35	0.239	0.018829	15502	24.465	55.541	0.983
13.6659	3.00021	49.998	50.001	50.003	33.99	0.224	0.012305	15502	21.638	65.031	0.982
13.6373	2.99195	50.005	49.999	49.996	33.84	0.235	0.01367	15502	20.373	68.562	0.983
13.6837	3.00418	49.998	50.003	50.004	34.24	0.229	0.008933	15502	18.184	81.439	0.982
13.6607	2.99767	50.002	50.002	50.001	34.04	0.233	0.016872	15502	17.762	81.98	0.982
13.6716	2.99505	50.002	50.004	49.998	34.02	0.228	0.018743	15502	17.561	80.75	0.983
13.6829	3.00219	49.998	49.998	49.998	34.7	0.231	0.012249	15502	15.903	85.941	0.983
13.6715	2.99981	49.998	50.003	50.003	34.72	0.242	0.008004	15502	15.27	89.45	0.984
13.678	2.99983	50.004	50.002	50.002	34.34	0.231	0.003077	15502	15.34	88.029	0.984

13.679	3.00076	49.998	49.997	49.999	34.09	0.228	0.016794	15502	15.048	89.164	0.982
13.7226	3.01483	50	49.998	49.996	34.04	0.235	0.018658	15502	14.123	92.716	0.984
13.6683	2.99865	50.001	49.997	49.996	34.04	0.232	0.020727	15502	17.572	82.338	0.983
13.672	3.0085	49.999	50.004	49.999	33.67	0.235	0.013545	15502	19.791	76.448	0.984
13.6521	3.00219	50	50.004	50.002	33.58	0.225	0.015048	15502	22.961	67.486	0.983
13.6437	3.00207	49.998	49.999	50.004	33.84	0.228	0.02842	15502	25.637	61.181	0.981
13.7313	3.0086	50.003	50.004	50	33.93	0.231	0.031573	15502	27.549	45.785	0.982
13.6697	3.00611	50.003	49.999	50.002	33.65	0.224	0.020633	15502	27.669	44.27	0.984
13.6825	3.00724	49.996	49.998	49.999	33.37	0.231	0.022922	15502	28.59	39.425	0.983
13.6743	2.99869	49.997	49.996	50.001	33.37	0.224	0.008811	15502	28.79	43.862	0.981
13.6933	3.00876	50.001	50.002	49.997	33.61	0.238	0.01886	15502	29.41	43.632	0.982
13.6821	2.99737	50	50.008	49.997	33.66	0.232	0.020952	15502	29.11	45.106	0.981
13.6826	2.99958	50	50	49.998	33.63	0.226	0.03957	15502	29.65	45.202	0.98
13.6789	3.00201	50	50.002	49.999	33.44	0.231	0.005965	15502	28.13	52.258	0.981
13.6709	2.99964	49.995	50	50.001	33.38	0.234	0.019152	15502	26.859	60.126	0.98
13.6517	2.9942	49.999	50.006	50.002	33.4	0.221	0.012516	15502	25.276	65.622	0.979
13.6662	2.99995	50.004	50.005	49.999	33.45	0.229	0.008179	15502	23.503	74.439	0.978
13.6758	3.00506	49.998	50.001	50	33.77	0.236	0.026259	15502	22.821	79.482	0.982
13.6618	3.00061	49.999	50.004	50.003	33.61	0.225	0.01716	15502	22.159	80.568	0.98
13.6516	3.00129	50	50.002	49.998	33.87	0.225	0.01271	15502	22.029	79.733	0.979
13.6744	2.99996	49.999	50.003	50.002	33.92	0.235	0.008306	15502	21.026	83.993	0.98
13.6553	2.99146	49.999	50.002	50	33.87	0.24	0.026666	15502	20.574	86.756	0.979
13.6566	3.00044	50.002	49.995	50.003	33.59	0.224	0.00402	15502	20.654	88.375	0.98
13.6822	3.00166	50.002	50.002	50.005	33.82	0.234	0.037299	15502	20.684	89.098	0.98
13.6697	2.99451	49.998	49.999	50.001	33.62	0.225	0.01625	15502	20.775	89.12	0.979
13.6496	2.99535	49.997	49.998	49.999	34.03	0.238	0.003674	15502	19.871	90.317	0.98
13.6598	3.00687	50.002	50.002	50.002	33.42	0.227	0.034095	15502	21.116	86.001	0.979
13.6476	2.99953	49.999	50.001	49.998	33.41	0.227	0.013106	15502	22.951	79.536	0.98
13.647	2.99368	50	49.997	49.995	33.51	0.239	0.01456	15502	26.178	58.611	0.98
13.6457	2.99166	50.002	50.001	50.002	33.56	0.227	0.016176	15502	27.609	54.544	0.978
13.6704	2.99981	50.004	49.998	49.997	33.45	0.225	0.01198	15502	29.03	50.372	0.977
13.6672	2.99428	50.007	50	50.006	33.35	0.233	0.038464	15502	30.38	50.286	0.978
13.694	3.00171	49.997	49.994	50.003	33.36	0.235	0.123492	15502	30.73	54.215	0.977
13.6649	3.0009	49.999	49.996	50	33.47	0.225	0.047472	15502	32.738	48.939	0.978

13.6715	2.99561	50.007	50.002	50	33.98	0.223	0.018249	15502	32.189	52.674	0.975
13.6725	2.9966	50.001	50.003	50.003	33.71	0.224	0.058589	15502	31.899	54.377	0.976
13.7138	3.00947	50.001	50.001	49.997	33.49	0.218	0.110652	15502	31.889	53.538	0.975
13.6578	3.00323	50.004	49.998	50.006	33.5	0.222	0.042535	15502	31.429	54.312	0.974
13.6905	3.00456	50.001	50.002	50	33.3	0.226	0.047254	15502	30.15	58.121	0.974
13.6732	3.0086	50	50.004	50	33.35	0.234	0.01211	15502	28.6	64.939	0.974
13.6729	2.9981	50	50.002	50.001	33.49	0.227	0.022871	15502	27.849	69.77	0.974
13.6603	2.99312	49.998	50.002	49.996	33.35	0.229	0.043194	15502	27.349	73.968	0.972
13.6882	3.00299	50.003	49.999	49.996	33.35	0.219	0.031991	15502	27.419	74.372	0.972
13.6826	2.99897	49.999	50	50	33.36	0.22	0.007234	15502	26.658	71.897	0.974
13.6817	3.00057	49.999	49.995	49.999	33.35	0.23	0.039483	15502	25.336	65.426	0.976
13.6651	2.99202	49.995	50.001	49.998	33.43	0.225	0.015178	15502	23.392	65.826	0.975
13.6745	3.00195	49.996	50	50.001	33.93	0.238	0.011241	15502	20.855	78.332	0.975
13.6676	2.99626	50.003	50.003	49.997	33.96	0.224	0.007346	15502	19.831	83.846	0.976
13.68	2.99994	49.996	49.995	50.003	33.82	0.227	0.013873	15502	18.687	89.178	0.975
13.6972	3.00232	50.004	50	49.996	33.74	0.236	0.026201	15502	18.857	89.761	0.977
13.6752	3.00514	50.002	49.996	49.998	33.36	0.227	0.029108	15502	20.795	81.048	0.977
13.6497	3.00118	50	49.999	50	33.5	0.229	0.00746	15502	23.944	68.636	0.978
13.6464	3.00049	50.003	50.002	49.998	33.47	0.228	0.02395	15502	24.264	61.206	0.978
13.6786	3.00372	50.002	49.999	50	33.67	0.234	0.015651	15502	25.477	51.964	0.978
13.6723	3.00966	49.998	50.006	49.997	33.6	0.224	0.017388	15502	26.428	48.51	0.979
13.6573	2.99448	50.003	50.006	50	33.56	0.222	0.012878	15502	26.258	43.909	0.98
13.6711	2.99824	50.004	50.001	50.002	33.35	0.235	0.024321	15502	26.328	37.615	0.98
13.6496	2.99863	49.998	49.996	50.004	33.41	0.227	0.009349	15502	26.768	34.817	0.978
13.6848	3.00933	49.998	49.997	49.998	33.39	0.224	0.020011	15502	27.159	34.014	0.98
13.6675	2.99131	49.998	49.996	50	33.69	0.226	0.013077	15502	27.489	33.693	0.979
13.6993	3.00358	49.999	50.005	50.003	33.78	0.235	0.041986	15502	26.939	36.778	0.977
13.6873	3.00255	50.004	49.994	49.998	33.57	0.224	0.018292	15502	26.368	37.275	0.978
13.6592	3.00307	49.998	49.999	49.999	33.35	0.222	0.020321	15502	25.457	46.165	0.979
13.6457	3.00284	49.998	49.999	50.001	33.53	0.224	0.01328	15502	22.47	57.775	0.98
13.6568	2.99564	49.996	49.998	50.001	34.02	0.227	0.008678	15502	19.118	76.786	0.979
13.6831	3.00163	50.006	49.998	50.007	34.1	0.227	0.027863	15502	18.124	83.83	0.98
13.6438	2.99528	50.003	50	49.996	34.1	0.234	0.010711	15502	17.873	81.4	0.982
13.6676	3.00127	50	50.001	49.997	34.06	0.226	0.007933	15502	17.561	79.809	0.981

13.6556	2.99649	50.002	50	49.999	34.02	0.226	0.014982	15502	17.109	79.353	0.981
13.68	2.99929	49.999	49.999	50	34.72	0.228	0.005759	15502	15.843	82.893	0.981
13.685	3.00631	49.995	50.001	49.999	34.65	0.241	0.010877	15502	14.867	88.196	0.981
13.6671	2.99744	50	50.004	50.002	34.04	0.231	0.020542	15502	14.505	88.151	0.982
13.6939	2.99927	50.001	49.999	49.998	33.44	0.231	0.007896	15502	13.881	89.08	0.981
13.6514	3.00058	50.001	49.994	50.002	33.16	0.234	0.025352	15502	13.056	93	0.982
13.6716	2.99746	49.999	50.001	49.995	33.37	0.245	0.016568	15502	16.275	82.122	0.983
13.6706	2.99746	49.997	50.002	49.996	33.39	0.238	0.035461	15502	18.988	75.859	0.983
13.6571	2.99602	49.999	50	49.999	33.6	0.235	0.023174	15502	22.641	66.132	0.984
13.6696	3.00575	49.999	50	49.992	33.58	0.224	0.015144	15502	24.535	54.865	0.982
13.6467	3.00201	50.003	49.999	50	33.52	0.226	0.016824	15502	25.557	47.553	0.983
13.6905	3.00432	50	50.002	50.002	33.44	0.234	0.018691	15502	25.777	42.447	0.981
13.6308	2.99316	50.003	49.996	49.998	33.44	0.226	0.035299	15502	26.668	41.571	0.984
13.652	2.99194	50	50.001	50.001	33.36	0.226	0.026144	15502	26.778	44.167	0.983
13.6919	3.00452	50.002	50.002	49.996	33.35	0.236	0.017085	15502	26.358	42.649	0.982
13.6662	3.00181	49.998	49.999	49.999	33.35	0.227	0.032266	15502	26.328	46.862	0.982
13.6716	2.99623	50.001	50.003	49.997	33.36	0.227	0.021086	15502	26.608	47.978	0.981
13.6507	2.99362	50.001	50	49.998	33.51	0.236	0.026549	15502	27.659	43.331	0.979
13.657	2.99959	50	50.004	49.998	33.44	0.239	0.009005	15502	27.019	47.898	0.981
13.7054	3.01252	50.002	50.001	49.998	33.51	0.24	0.019274	15502	22.631	66.593	0.983
13.6533	3.00225	49.998	50	50.001	33.94	0.242	0.003846	15502	19.47	81.346	0.982
13.6618	2.99925	50.002	50	49.997	34.02	0.225	0.013993	15502	18.395	88.422	0.985
13.6526	2.99668	49.999	49.998	50.001	34.07	0.227	0.044926	15502	17.612	91.093	0.985
13.7294	3.01026	50	50.002	49.999	34.12	0.243	0.005273	15502	16.798	92.163	0.984
13.6827	2.99992	50.001	49.998	50.003	34.03	0.237	0.028779	15502	16.295	93.729	0.985
13.6757	2.99781	50	50.002	49.998	34.82	0.242	0.006508	15502	15.451	93.77	0.985
13.6685	3.00412	50	50	50.001	35.23	0.237	0.01229	15502	15.058	93.907	0.983
13.6637	2.99822	49.995	50.002	50.001	34.73	0.234	0.008032	15502	14.716	94.405	0.983
13.6695	2.99739	50	50.001	50.002	34.56	0.225	0.008923	15502	14.062	94.747	0.985
13.6835	3.00553	50.001	49.997	50.001	34.04	0.235	0.009913	15502	13.821	94.894	0.985
13.6714	3.00109	49.999	50.002	49.997	34.04	0.241	0.00381	15502	15.973	87.879	0.985
13.6528	2.99569	50	49.999	49.999	33.6	0.23	0.020798	15502	19.339	76.382	0.985
13.6617	2.99339	50.002	50	49.998	33.73	0.227	0.007995	15502	22.681	67.551	0.986
13.6901	3.00292	49.997	49.997	50.002	33.68	0.228	0.015099	15502	25.877	56.057	0.985

13.6787	3.00002	49.999	49.998	49.996	34.02	0.236	0.048477	15502	27.409	47.289	0.985
13.6673	3.00497	49.999	50	50	34.02	0.223	0.018635	15502	26.969	49.781	0.984
13.6502	2.99589	50.003	50.001	49.998	33.7	0.226	0.013802	15502	27.619	47.71	0.985
13.6697	2.99484	50.002	49.999	50.001	33.84	0.229	0.044312	15502	28.47	43.692	0.983
13.6656	2.99839	50.003	50.003	49.999	33.92	0.237	0.083688	15502	28.23	43.664	0.982
13.6586	2.9976	50.004	50.001	50.003	34.01	0.236	0.012616	15502	27.779	42.469	0.982
13.6876	3.00491	49.996	50	50.003	33.89	0.231	0.023826	15502	27.529	42.171	0.983
13.6903	3.00574	49.999	49.999	49.996	33.76	0.227	0.009159	15502	25.467	53.106	0.982
13.6794	3.00643	49.997	49.998	50.001	33.44	0.224	0.017298	15502	24.435	60.415	0.983
13.6489	2.9978	49.998	49.998	50.004	33.71	0.232	0.019217	15502	22.36	78.198	0.983
13.6461	2.99879	50.003	49.998	50.002	33.79	0.234	0.012558	15502	21.678	69.307	0.983
13.6155	2.98631	49.998	50.005	49.998	33.8	0.232	0.023717	15502	21.036	70.257	0.983
13.6437	2.98838	50.001	49.998	50.002	34.03	0.242	0.017566	15502	19.942	74.228	0.984
13.6546	2.99251	50.003	50.002	50	34.04	0.243	0.011479	15502	18.566	79.073	0.982
13.669	2.99808	50.004	50.004	50.001	34.05	0.242	0.012753	15502	17.28	83.711	0.982
13.6619	3.0045	50.001	50.001	49.998	34.51	0.235	0.004902	15502	16.355	87.145	0.981
13.626	2.9959	49.997	49.998	50.001	34.52	0.231	0.015739	15502	16.114	89.337	0.983
13.6786	3.00044	50.005	50	50.001	34.12	0.225	0.017485	15502	16.325	90.128	0.981
13.6439	2.99411	50.004	49.998	49.999	34.38	0.243	0.011427	15502	16.426	92.673	0.983
13.6649	2.99944	50.002	50.001	50.002	34.36	0.233	0.012694	15502	16.577	93.848	0.981
13.6929	3.00401	50.003	50	49.999	33.94	0.227	0.00488	15502	17.994	90.223	0.981
13.6378	2.99349	50.001	50.004	50	33.41	0.237	0.015667	15502	20.534	83.731	0.983
13.6661	2.99774	50.003	50.003	49.999	33.57	0.231	0.017405	15502	24.054	72.08	0.981
13.6789	3.00752	50.002	50	49.999	33.49	0.239	0.019336	15502	26.318	58.725	0.982
13.6821	2.99688	49.994	50.006	50.001	33.53	0.223	0.036519	15502	27.159	53.721	0.981
13.6815	2.99962	50	50.001	50.003	33.64	0.234	0.045979	15502	28.07	46.611	0.981
13.6853	3.00124	50.001	49.998	49.999	33.4	0.224	0.030047	15502	28.22	47.026	0.982
13.6409	2.99818	50.003	50.003	49.999	33.59	0.228	0.033381	15502	27.389	46.925	0.981
13.6687	2.99569	50.001	50.001	50.003	33.63	0.222	0.037084	15502	29.93	42.266	0.98
13.6959	3.01169	50	49.998	49.998	33.95	0.223	0.009504	15502	28.28	41.237	0.981
13.6528	2.99234	50	50.001	50.002	33.91	0.223	0.030513	15502	28.43	43.485	0.98
13.6431	2.99769	49.999	49.999	50.005	33.85	0.237	0.033898	15502	28.3	43.806	0.98
13.6671	3.00384	50	49.996	50.002	33.53	0.231	0.025106	15502	27.729	50.203	0.978
13.6361	2.99539	50.004	49.995	49.997	33.44	0.221	0.047415	15502	23.603	65.044	0.98

13.6349	2.99909	50.001	49.998	50.001	33.88	0.226	0.006307	15502	21.898	73.275	0.98
13.6772	2.99766	50	50.003	49.999	33.93	0.23	0.011911	15502	21.016	77.15	0.979
13.68	2.99987	50	50.001	49.997	33.68	0.232	0.013232	15502	20.313	79.056	0.981
13.668	2.99822	50.001	50.001	49.998	33.92	0.242	0.014701	15502	19.329	83.133	0.981
13.645	3.00123	50	49.998	50.002	34.08	0.231	0.018509	15502	18.154	89.188	0.982
13.6635	2.99597	50	49.998	50	34.04	0.23	0.012096	15502	17.531	90.57	0.98
13.6876	2.99986	50	50.001	49.995	34.08	0.227	0.013437	15502	17.461	90.672	0.981
13.6829	3.0047	49.999	49.998	50.007	34.05	0.234	0.005854	15502	17.119	90.811	0.98
13.6867	3.00637	49.996	49.995	49.996	34.33	0.232	0.018796	15502	16.516	91.955	0.981
13.6616	2.99514	50.002	49.999	49.997	34.55	0.234	0.007225	15502	16.144	94.042	0.979
13.6879	3.0014	49.997	50.003	49.998	34.01	0.236	0.008027	15502	18.004	92.541	0.979
13.6558	2.99587	49.995	49.999	49.992	33.43	0.227	0.025771	15502	20.935	76.466	0.981
13.6594	2.99554	50	50.003	49.996	33.46	0.242	0.02863	15502	23.222	62.799	0.979
13.6531	2.99397	50.001	50	50.001	33.51	0.225	0.011006	15502	24.224	58.254	0.982
13.6573	2.99311	50.009	50	49.997	33.48	0.232	0.035335	15502	25.917	54.212	0.98
13.6666	2.99944	50.005	50.002	49.997	33.38	0.238	0.013583	15502	26.809	49.404	0.98
13.6462	2.99251	50.005	50	49.997	33.35	0.226	0.04361	15502	27.639	49.9	0.979
13.6841	3.00232	50.003	50.004	50	33.35	0.236	0.028499	15502	27.839	46.087	0.98
13.6698	2.99545	50	50	49.999	33.37	0.226	0.010955	15502	28.17	47.514	0.979
13.6343	2.99193	49.997	50.003	49.997	33.35	0.235	0.02069	15502	28.55	46.172	0.98
13.6522	2.9932	50.008	49.998	50.001	33.43	0.225	0.044286	15502	27.109	50.994	0.98
13.6785	2.99736	49.998	50	50.002	33.37	0.23	0.017024	15502	27.96	52.041	0.978
13.6925	2.9983	49.999	50.001	50.003	33.35	0.225	0.032151	15502	26.989	53.252	0.978
13.6504	3.00418	50	49.999	49.999	33.35	0.224	0.103225	15502	24.745	66.7	0.978
13.6721	3.00412	49.998	50.007	50.004	33.36	0.224	0.044972	15502	23.152	73.021	0.978
13.6188	2.99023	49.999	50	50.001	33.4	0.221	0.029389	15502	22.54	73.014	0.978
13.663	2.99862	49.999	50.001	50.002	33.4	0.229	0.055504	15502	22.259	74.738	0.979
13.6914	3.00648	50.001	49.998	50.002	33.36	0.227	0.012551	15502	21.858	75.934	0.979
13.6672	2.99825	50.001	50.003	49.999	33.43	0.226	0.040295	15502	21.276	79.575	0.979
13.6649	2.99786	50.003	50.003	49.995	33.52	0.225	0.01549	15502	20.383	82.865	0.978
13.6715	2.99944	50.002	49.996	50.002	33.74	0.225	0.049732	15502	19.982	85.097	0.979
13.6533	3.00562	50.002	50	50.003	34.04	0.232	0.006615	15502	19.651	86.026	0.979
13.6816	3.00988	50.001	50.003	50.002	34.05	0.232	0.004323	15502	18.566	89.806	0.978
13.6642	3.00457	49.995	50.001	50.004	33.93	0.23	0.023595	15502	18.908	88.451	0.979

13.6534	2.99763	50.001	49.997	49.998	33.39	0.229	0.015419	15502	19.972	85.388	0.981
13.6906	3.01519	49.998	50.001	50	33.35	0.231	0.019414	15502	21.296	83.4	0.979
13.6561	3.00283	50	50.001	49.998	33.35	0.239	0.021567	15502	23.964	78.901	0.98
13.6697	2.99684	50.003	49.999	49.998	33.98	0.23	0.02396	15502	25.106	75.823	0.983
13.689	3.00304	50.001	50	50.001	33.88	0.227	0.026618	15502	26.518	69.702	0.981
13.6682	2.997	50.001	49.997	49.997	33.73	0.226	0.011597	15502	26.388	65.516	0.981
13.6897	3.0105	50.002	49.997	50.002	33.5	0.223	0.021901	15502	27.199	64.407	0.981
13.6824	3.00231	49.997	50.001	49.998	33.5	0.234	0.014312	15502	26.899	62.953	0.981
13.6404	2.98926	50.001	50.001	50.001	33.36	0.223	0.0159	15502	26.929	61.901	0.981
13.6862	2.99883	49.998	50.004	49.997	33.6	0.231	0.011776	15502	25.507	71.029	0.979
13.6971	3.00295	49.998	50.004	49.999	33.43	0.231	0.013083	15502	24.445	74.733	0.98
13.6866	2.99995	49.997	50.001	50.006	33.43	0.226	0.024708	15502	24.315	74.872	0.98
13.6317	2.99429	49.999	49.999	50.001	33.39	0.236	0.016147	15502	24.926	69.785	0.982
13.6963	3.00476	50.001	50.002	50.004	33.43	0.232	0.010552	15502	21.798	82.242	0.98
13.6787	3.00028	50.001	50.005	50.003	33.79	0.24	0.011722	15502	20.825	86.938	0.982
13.6752	3.00985	50	49.989	50	33.75	0.228	0.022139	15502	19.891	89.734	0.981
13.6549	2.99612	50.005	50.002	50.003	34.04	0.231	0.009645	15502	18.918	92.185	0.983
13.6329	2.99194	50	50	50.01	34.02	0.237	0.018216	15502	18.626	93.92	0.981
13.6975	3.00771	49.995	49.997	49.997	33.99	0.233	0.011904	15502	18.897	93.338	0.982
13.6427	2.99054	50.002	50.002	50	33.6	0.235	0.014988	15502	18.877	92.926	0.983
13.6419	2.99034	49.999	50.001	49.999	34.03	0.239	0.016651	15502	18.928	93.052	0.983
13.6372	2.99942	50.002	49.998	49.996	33.91	0.226	0.010881	15502	18.827	94.04	0.983
13.6517	2.99689	50.001	49.999	50.002	34.01	0.235	0.012088	15502	19.028	95.383	0.983
13.6707	3.0032	49.999	50.001	49.996	33.64	0.228	0.013429	15502	19.048	95.917	0.98
13.6323	2.99388	49.999	50.004	50.001	33.52	0.235	0.014919	15502	19.269	95.973	0.981
13.6706	2.99657	50	49.994	49.997	33.73	0.237	0.018784	15502	19.891	95.436	0.983
13.6657	3.0012	50.003	49.997	49.997	34.02	0.241	0.012275	15502	20.283	94.129	0.981
13.6651	3.0039	49.998	49.999	50.003	33.7	0.227	0.013637	15502	20.233	93.912	0.981
13.7024	3.00621	50.002	49.999	49.999	33.38	0.238	0.043784	15502	21.076	93.448	0.982
13.6604	3.00515	49.995	49.999	50.003	33.38	0.235	0.082691	15502	24.244	85.829	0.982
13.6689	2.99752	50.001	50	50.002	33.5	0.226	0.018698	15502	24.064	79.639	0.979
13.6865	3.00139	49.998	50	49.998	33.58	0.231	0.020773	15502	24.144	77.095	0.98
13.6806	2.99937	49.997	49.998	49.998	33.49	0.242	0.013575	15502	23.944	79.482	0.982
13.6726	2.99966	50.002	49.999	50	33.47	0.222	0.015081	15502	24.926	77.092	0.98

13.6592	2.99588	49.997	49.998	49.996	33.43	0.237	0.028482	15502	25.517	76.669	0.981
13.6683	2.99801	49.995	49.999	50	33.56	0.226	0.012409	15502	24.395	82.197	0.979
13.6641	2.99855	49.996	50.001	49.999	33.44	0.226	0.013785	15502	24.375	82.604	0.98
13.6584	2.99606	50.002	50.001	49.999	33.49	0.236	0.015315	15502	22.961	87.835	0.98
13.6229	2.99271	49.997	49.996	49.997	33.46	0.234	0.017014	15502	22.57	89.774	0.98
13.6571	2.99811	49.993	50.003	50.004	33.48	0.227	0.018901	15502	22.149	91.073	0.981
13.6672	3.00777	50.003	50.002	50.001	33.48	0.23	0.012352	15502	21.587	92.451	0.981
13.6669	2.99759	49.996	50	49.997	33.73	0.233	0.008072	15502	20.875	94.284	0.979
13.6939	3.00288	49.999	50.003	49.996	33.73	0.224	0.005978	15502	20.293	95.273	0.978
13.6827	3.00117	50	50.003	50.001	33.86	0.228	0.019194	15502	19.912	95.48	0.978
13.6548	2.99723	49.998	50.002	49.999	33.54	0.227	0.012543	15502	19.922	95.909	0.98
13.6637	2.99917	49.996	49.998	49.998	33.56	0.244	0.023689	15502	20.173	96.175	0.98
13.6673	3.00787	50.001	50.004	50	33.64	0.24	0.009106	15502	20.343	96.659	0.979
13.6962	3.00547	50.001	49.999	49.998	33.4	0.23	0.019491	15502	20.674	96.795	0.977
13.6617	2.99705	49.998	49.999	49.997	33.58	0.226	0.019106	15502	21.096	96.78	0.979
13.673	3.00528	49.998	50	50.001	33.43	0.228	0.024056	15502	21.507	94.791	0.978
13.6636	3.00373	50.002	49.997	49.999	33.38	0.234	0.009247	15502	23.553	85.8	0.98
13.6511	2.99273	50.001	50	49.995	33.38	0.231	0.029689	15502	24.164	82.173	0.979
13.6299	2.9915	50.001	49.999	50.002	33.53	0.239	0.011413	15502	25.367	77.776	0.98
13.6757	3.00731	49.997	50.005	50.002	33.69	0.225	0.036643	15502	27.299	69.18	0.978
13.677	3.00153	50.001	49.993	50.005	33.48	0.235	0.040708	15502	28.18	67.296	0.979
13.6492	2.99036	50.004	50.001	49.999	33.61	0.231	0.015648	15502	22.751	82.144	0.98
13.6716	2.99838	50.003	50.002	50.001	33.41	0.226	0.029554	15502	21.999	89.945	0.979
13.6628	3.0022	50	50.002	50.001	33.56	0.234	0.032832	15502	26.939	74.082	0.978
13.6653	2.9935	50.005	50.004	50.003	33.85	0.232	0.021456	15502	24.515	75.296	0.979
13.6799	2.99761	50.001	50.001	50.002	33.47	0.229	0.014021	15502	24.575	74.812	0.98
13.6668	3.00107	49.999	50.001	50	33.58	0.236	0.015577	15502	21.658	90.431	0.98
13.6608	2.99688	50.002	49.999	50.005	33.5	0.23	0.005988	15502	21.226	92.683	0.98
13.666	3.00325	49.998	49.998	49.996	33.88	0.232	0.006652	15502	20.715	94.128	0.98
13.6637	2.99917	50.002	50.002	50	33.69	0.232	0.012563	15502	20.534	94.623	0.981
13.665	2.9973	50.002	49.998	50.002	33.65	0.236	0.00821	15502	20.072	95.44	0.98
13.6653	2.9976	50.001	50.003	50.002	33.58	0.228	0.015506	15502	19.39	95.789	0.981
13.6768	3.00237	50.001	50.001	50.001	33.64	0.233	0.00596	15502	19.189	95.977	0.981
13.6567	2.99783	50.001	50.003	50.003	33.97	0.227	0.011257	15502	19.731	92.048	0.981

13.6444	2.99458	50.001	49.999	50.002	33.9	0.236	0.012506	15502	18.496	94.042	0.981
13.664	3.00275	49.995	50.001	50.001	33.85	0.23	0.013893	15502	17.401	94.242	0.983
13.6504	2.99481	49.998	50.001	50.001	34.29	0.246	0.015435	15502	16.858	93.367	0.983
13.6941	3.00532	49.999	50.004	49.997	34.72	0.235	0.010086	15502	16.175	94.226	0.982
13.6405	2.99312	49.999	49.999	50.003	34.04	0.242	0.006591	15502	18.385	88.656	0.984
13.6755	3.01001	50.001	50.001	50	33.53	0.231	0.018673	15502	20.393	79.565	0.984
13.6885	3.00381	50.002	50.002	50.001	33.6	0.238	0.020745	15502	22.41	74.252	0.984
13.692	2.99619	49.997	50.001	50.002	33.82	0.233	0.039178	15502	24.465	74.325	0.985
13.6472	3.00222	50.005	49.998	49.996	34.02	0.226	0.025603	15502	25.837	66.656	0.986
13.6659	2.9988	50.001	50	50.001	33.7	0.229	0.016731	15502	26.909	58.072	0.986
13.6846	3.00875	50	49.997	50	33.43	0.23	0.031599	15502	27.569	54.412	0.986
13.6524	2.99635	49.997	49.999	50.001	33.47	0.235	0.035104	15502	28.13	50.385	0.984
13.6489	2.99199	49.997	50.001	50.001	33.62	0.236	0.025999	15502	27.319	51.441	0.986
13.6492	2.99739	50.007	50.004	50.003	33.56	0.237	0.01699	15502	26.598	54.213	0.986
13.639	2.98955	49.997	50.001	50	33.8	0.231	0.032088	15502	28.73	49.225	0.986
13.6513	2.99763	50.001	49.998	49.997	33.91	0.228	0.020969	15502	27.97	47.786	0.986
13.7005	3.00407	50.002	49.997	50.001	33.7	0.225	0.023296	15502	27.549	51.343	0.984
13.657	3.00186	50.005	49.995	49.995	33.6	0.228	0.008955	15502	22.921	66.932	0.986
13.6922	3.00651	49.995	50	49.996	34.03	0.235	0.016913	15502	20.183	81.273	0.985
13.6782	3.00224	50.001	49.993	49.999	34	0.241	0.011052	15502	18.737	85.251	0.987
13.6759	3.0083	50.004	50.001	49.999	34.1	0.232	0.012279	15502	17.843	89.764	0.988
13.6502	2.99912	49.999	49.998	50	34.08	0.232	0.00708	15502	17.23	91.662	0.986
13.6656	2.99843	49.996	49.999	49.996	34.16	0.248	0.013371	15502	16.557	92.64	0.988
13.6611	2.99465	49.996	49.999	49.997	34.1	0.227	0.008738	15502	16.074	93.957	0.987
13.6743	2.9997	49.999	49.999	50.002	34.04	0.233	0.016503	15502	15.994	94.09	0.987
13.6481	2.99692	49.996	50	50.001	34.96	0.235	0.006344	15502	15.632	94.563	0.989
13.6679	3.00344	50	49.998	50.002	34.85	0.247	0.004146	15502	15.129	94.948	0.986
13.6822	3.00239	50	50	50.002	34.76	0.239	0.01331	15502	15.038	95.656	0.987
13.7054	3.00359	49.998	49.999	49.998	34.16	0.24	0.025137	15502	16.989	94.089	0.986
13.6823	3.00344	50.003	49.997	50.001	33.55	0.236	0.027926	15502	21.246	75.027	0.986
13.6663	2.99904	49.999	50.002	50.003	33.88	0.243	0.01825	15502	23.082	69.62	0.99
13.689	3.00172	50.001	50.004	50.001	33.97	0.242	0.017889	15502	24.305	65.982	0.989
13.6805	2.99938	50.008	50	50	33.81	0.227	0.019874	15502	25.857	58.747	0.99
13.6783	2.99886	49.996	49.993	49.999	33.87	0.239	0.037534	15502	26.538	50.952	0.99

13.6442	2.99198	49.999	50.001	50	33.63	0.236	0.041698	15502	26.598	50.186	0.987
13.6266	2.99675	50.003	50.002	50	33.71	0.224	0.046324	15502	27.679	47.355	0.989
13.6728	2.99529	50.003	50.004	49.997	33.79	0.234	0.030272	15502	26.628	46.898	0.987
13.6735	3.00195	49.997	49.995	49.999	34.03	0.223	0.019783	15502	27.96	45.736	0.986
13.7108	3.00867	49.997	50.001	50	34.04	0.228	0.007605	15502	27.96	44.236	0.986
13.6636	3.00488	49.997	49.998	49.997	34.02	0.236	0.014362	15502	27.349	43.832	0.987
13.6537	2.9917	50.003	50.001	50	33.68	0.229	0.027125	15502	27.009	51.657	0.986
13.6814	3.00388	49.997	49.998	50.002	34.03	0.231	0.010427	15502	21.798	72.124	0.986
13.6607	2.99828	50	49.998	49.997	34.04	0.235	0.019692	15502	19.41	84.644	0.986
13.6549	2.99425	50.001	49.999	49.994	34.05	0.228	0.00757	15502	18.526	90.074	0.986
13.6693	2.99763	49.998	50.003	49.999	34.02	0.229	0.014297	15502	17.903	92.084	0.988
13.6652	2.99881	50	49.999	49.999	34.04	0.23	0.009343	15502	17.401	93.509	0.986
13.661	2.99654	50.001	49.991	50.004	34.04	0.23	0.010379	15502	17.079	94.598	0.986
13.676	2.99852	49.998	49.999	50.002	34.39	0.239	0.011531	15502	16.697	94.807	0.985
13.654	3.00228	50.001	50.004	50.002	34.03	0.228	0.007535	15502	16.456	94.873	0.986
13.6429	2.99628	50.003	49.997	49.999	34.38	0.237	0.041128	15502	16.436	95.306	0.986
13.6736	3.00171	50.002	49.997	49.998	34.73	0.235	0.026877	15502	16.175	95.122	0.986
13.6799	3.00868	49.999	50.006	50.004	34.78	0.231	0.010332	15502	16.486	93.912	0.985
13.6609	2.99439	50.001	49.997	49.998	34.04	0.237	0.013008	15502	17.803	89.336	0.989
13.6896	3.00154	50.002	49.999	49.999	33.6	0.236	0.008501	15502	20.775	78.368	0.988
13.6336	2.9932	50.001	50	50.004	33.6	0.233	0.027293	15502	22.801	71.537	0.987
13.7046	3.005	50	50.006	49.996	33.67	0.242	0.010492	15502	24.525	62.446	0.986
13.669	3.0012	49.999	50.006	50.002	33.76	0.228	0.033685	15502	26.028	54.794	0.986
13.6728	3.007	49.996	49.997	49.997	33.54	0.233	0.012949	15502	27.199	51.104	0.986
13.6823	3.00105	50.008	50	49.999	33.62	0.242	0.016304	15502	26.668	53.779	0.986
13.6862	3.00169	50.001	49.998	49.998	33.43	0.237	0.030791	15502	27.709	51.525	0.987
13.6777	3.0064	50.001	49.997	49.999	33.6	0.231	0.022805	15502	27.929	50.683	0.984
13.6562	2.99804	50	50.002	49.998	33.57	0.238	0.025335	15502	27.859	54.199	0.986
13.6726	3.00227	49.999	49.998	50	33.77	0.225	0.016556	15502	28.67	51.104	0.984
13.634	2.99837	49.998	50.001	50	33.39	0.236	0.018393	15502	26.698	58.474	0.984
13.6831	3.00261	50.003	49.998	49.998	33.43	0.224	0.020433	15502	26.418	61.335	0.985
13.6728	3.0065	50.003	49.998	50	33.43	0.23	0.005236	15502	24.986	67.09	0.984
13.6885	3.00585	50.002	50	49.997	33.77	0.227	0.016812	15502	23.322	73.964	0.984
13.6452	2.99128	50.001	50.018	50.004	33.81	0.225	0.018678	15502	22.701	78.666	0.986

13.6845	3.00228	50.001	50	49.999	33.43	0.241	0.02075	15502	22.119	78.253	0.986
13.6906	3.00592	50.001	50.01	50.001	33.98	0.245	0.023052	15502	21.597	81.094	0.986
13.6804	3.00368	49.997	49.999	49.998	33.65	0.226	0.015064	15502	21.317	83.101	0.984
13.6535	2.99492	49.996	50	50	33.9	0.23	0.009844	15502	21.196	83.528	0.985
13.6697	2.99774	50	50.001	49.999	33.57	0.227	0.031607	15502	21.246	83.439	0.986
13.6623	2.99839	50.007	49.999	49.999	33.72	0.237	0.01377	15502	20.835	84.499	0.987
13.6719	3.00125	50.003	50.001	49.999	33.83	0.233	0.008999	15502	20.604	85.562	0.986
13.6642	2.99447	49.999	49.999	50.005	34	0.234	0.016995	15502	20.745	84.974	0.987
13.6656	2.99983	50.003	50.001	50.002	33.86	0.243	0.032096	15502	20.915	83.717	0.986
13.6879	3.00173	50.003	49.994	50.003	33.62	0.234	0.007258	15502	21.648	82.514	0.986
13.6797	3.00188	49.995	50	50.002	33.47	0.239	0.023302	15502	22.801	79.425	0.987
13.6871	3.00423	50.002	50.005	50.001	33.6	0.242	0.015228	15502	23.042	79.975	0.986
13.6833	3.00116	50.001	49.998	50	33.46	0.23	0.009951	15502	23.463	81.162	0.987
13.6267	2.99479	49.999	50.003	49.999	33.44	0.237	0.031949	15502	26.088	74.281	0.987
13.6341	2.98961	49.997	49.998	50.002	33.73	0.223	0.035494	15502	27.259	70.526	0.986
13.6914	3.00574	49.996	49.998	50	33.9	0.238	0.026288	15502	28.54	66.651	0.987
13.6804	2.99939	50.002	49.999	49.999	33.93	0.228	0.049647	15502	29.16	64.193	0.986
13.6545	2.99421	50.003	49.998	50.008	34.03	0.223	0.055155	15502	30.41	55.001	0.985
13.6768	2.99919	50.001	49.998	50.001	34.04	0.227	0.040849	15502	29.97	59.278	0.986
13.6718	3.00036	50.002	49.998	50.001	34.03	0.228	0.026695	15502	29.73	59.892	0.986
13.6754	3.00064	50	49.999	50	33.92	0.227	0.029657	15502	28.48	69.073	0.986
13.6763	2.99828	50.002	50	50	33.64	0.234	0.01292	15502	26.088	79	0.985
13.679	3.00437	49.992	49.997	50	33.7	0.24	0.008443	15502	24.495	83.251	0.987
13.6845	3.00501	50.003	49.996	49.997	33.58	0.23	0.00938	15502	23.252	88.371	0.985
13.6659	3.00228	49.999	49.998	49.995	33.64	0.239	0.017715	15502	20.253	79.796	0.987
13.6757	2.99657	50	49.996	50.002	34.25	0.247	0.011577	15502	19.088	87.995	0.989
13.6729	3.00192	49.999	49.997	49.992	34.15	0.231	0.008574	15502	18.154	92.331	0.987
13.6709	2.99577	49.998	50.008	50.004	34.52	0.228	0.016193	15502	18.044	93.565	0.989
13.6703	3.00782	50.003	49.994	49.998	34.11	0.241	0.009337	15502	17.883	94.456	0.987
13.642	2.99442	50.003	49.999	49.998	33.98	0.246	0.006915	15502	18.084	92.108	0.987
13.6461	2.99534	50	49.999	50.002	34	0.237	0.007683	15502	18.104	92.703	0.989
13.6984	3.00546	49.999	50.003	49.998	34.22	0.231	0.014509	15502	17.923	93.713	0.986
13.6889	3.00745	49.997	49.997	50	34.01	0.247	0.009482	15502	19.39	87.063	0.987
13.688	2.99949	49.999	50	50	33.36	0.241	0.006196	15502	22.3	78.445	0.987

13.6861	3.00899	49.998	49.996	50.005	33.56	0.228	0.03382	15502	24.184	75.039	0.987
13.6975	3.00306	49.997	50.003	49.997	33.99	0.23	0.022101	15502	26.498	71.552	0.989
13.6677	3.00196	50.002	49.995	50.005	34.09	0.228	0.024553	15502	28.71	66.414	0.986
13.6854	3.00199	50	50.001	50	34.04	0.231	0.046371	15502	29.82	65.77	0.986
13.6857	3.00856	50	49.998	49.998	34.04	0.23	0.020202	15502	30.73	62.168	0.986
13.6352	2.99734	50.002	49.997	50	34.03	0.236	0.064861	15502	30.93	59.302	0.986
13.656	3.00128	49.999	50.003	50.008	34.02	0.238	0.014667	15502	30.05	58.356	0.987
13.645	2.99237	50.002	50.001	50	33.77	0.238	0.047089	15502	29.01	67.881	0.986
13.6526	2.99241	49.997	50.003	49.998	33.43	0.231	0.052313	15502	29.38	64.439	0.985
13.6324	2.99319	49.998	50	49.998	33.51	0.239	0.038745	15502	28.7	66.383	0.984
13.7021	3.0064	50.001	49.999	49.996	33.54	0.222	0.073173	15502	28.98	68.11	0.984
13.6486	2.99308	49.996	49.999	50	33.75	0.242	0.028128	15502	25.136	84.544	0.983
13.6781	2.9961	50.003	50.001	49.994	33.56	0.234	0.018382	15502	24.184	85.718	0.985
13.6672	3.00056	49.997	49.998	50	33.74	0.227	0.013614	15502	22.681	90.897	0.986
13.6535	2.9955	50	50.004	50	33.52	0.233	0.015124	15502	21.979	93.429	0.987
13.6925	3.00344	50.002	50.004	50.002	33.72	0.24	0.016802	15502	21.517	94.429	0.985
13.6438	2.99929	49.997	49.999	50.001	33.73	0.241	0.01098	15502	21.006	94.972	0.989
13.6381	2.9944	50.001	50	49.998	33.68	0.228	0.008132	15502	20.654	95.193	0.986
13.6593	2.99783	49.999	50.002	50.001	34.04	0.232	0.02611	15502	20.223	95.699	0.984
13.6753	3.00134	50	49.995	50.002	33.91	0.225	0.005904	15502	19.902	95.835	0.983
13.669	2.99842	49.998	50	50.001	34.03	0.233	0.021483	15502	20.313	96.083	0.985
13.6813	3.00348	49.998	49.999	49.998	34.02	0.234	0.014039	15502	19.691	96.266	0.986
13.6849	3.00632	50.001	50.001	49.999	33.95	0.233	0.009174	15502	20.614	96.206	0.988
13.6733	2.99668	50	49.997	50.004	33.53	0.231	0.050075	15502	23.763	85.771	0.985
13.6523	3.002	49.996	49.997	50.001	34	0.227	0.032724	15502	25.687	77.976	0.986
13.6807	3.00183	50	50.004	50.004	34.04	0.241	0.024236	15502	28.46	69.243	0.985
13.6685	2.99605	50.003	50	49.999	34.04	0.241	0.045772	15502	29.14	63.888	0.985
13.6958	3.0051	50.002	50.001	50.001	33.93	0.227	0.029912	15502	29.31	62.524	0.987
13.675	2.99658	50.003	50.006	49.999	33.43	0.24	0.096036	15502	30.11	54.576	0.988
13.662	3.00248	50.005	50.002	50	33.35	0.228	0.021716	15502	30.94	49.338	0.985
13.6558	3.00176	50.003	49.998	50.002	33.35	0.232	0.046481	15502	31.949	44.628	0.984
13.6921	3.00521	49.999	50.006	50	33.49	0.238	0.017868	15502	31.499	46.658	0.982
13.6807	3.00726	50.001	50.002	50	33.43	0.238	0.033745	15502	31.339	48.136	0.985
13.6478	2.99786	50.003	49.999	50.006	33.57	0.228	0.022052	15502	30.68	48.748	0.984

13.6981	3.01514	50	50.003	50	33.36	0.23	0.008477	15502	29.39	54.221	0.983
13.6815	3.00809	50.001	50.001	49.996	33.36	0.241	0.027217	15502	27.059	66.72	0.984
13.6761	2.99862	50.003	49.999	50.005	33.52	0.234	0.030236	15502	23.623	83.821	0.985
13.6742	3.00784	49.999	50.001	50	33.45	0.245	0.019759	15502	22.941	86.971	0.985
13.6778	3.00204	49.999	50	50.005	33.77	0.225	0.021951	15502	23.403	85.412	0.985
13.6398	2.98944	50.002	49.998	49.995	33.71	0.244	0.016258	15502	22.159	89.242	0.986
13.6773	2.99771	49.997	49.998	49.997	33.46	0.228	0.018061	15502	22.159	88.325	0.984
13.6724	2.99893	49.999	50	49.997	33.55	0.246	0.034111	15502	21.698	88.916	0.985
13.6952	3.00622	49.998	49.995	50.004	33.54	0.232	0.013113	15502	21.276	89.293	0.984
13.6708	3.00451	49.997	49.998	49.999	33.84	0.227	0.028066	15502	20.454	91.677	0.983
13.6712	3.00036	50	50.001	50.005	33.92	0.245	0.018341	15502	19.992	93.487	0.985
13.6713	2.99676	49.998	49.999	50.003	34.07	0.245	0.034639	15502	20.303	92.263	0.985
13.659	2.99971	50.003	50.002	50	33.83	0.227	0.06542	15502	21.236	89.995	0.985
13.6825	2.99942	50.001	50.003	49.999	33.44	0.24	0.009862	15502	23.433	81.467	0.983
13.687	2.99853	49.998	49.999	49.999	33.92	0.237	0.027938	15502	25.367	75.547	0.983
13.6382	2.98829	50.001	50.006	49.999	34.04	0.225	0.020692	15502	26.198	73.748	0.985
13.6953	3.00184	50	50.004	50.002	34.04	0.23	0.112936	15502	29.33	66.015	0.983
13.6738	3.00604	49.998	49.997	50.004	34	0.228	0.025537	15502	29.14	63.135	0.984
13.6625	2.99882	49.998	49.996	50.001	33.6	0.226	0.054661	15502	30.53	55.94	0.981
13.6408	2.99547	49.998	50	49.996	33.73	0.233	0.03572	15502	25.947	85.643	0.983
13.6915	3.00697	50.004	49.996	50.001	33.46	0.226	0.039683	15502	24.104	78.133	0.981
13.6275	2.99354	49.996	50.003	49.996	33.43	0.232	0.044086	15502	23.753	83.799	0.983
13.6598	2.99227	49.996	50	49.998	33.37	0.223	0.048977	15502	25.547	74.617	0.981
13.6384	2.99924	49.998	49.993	50	33.44	0.239	0.021337	15502	26.528	67.535	0.98
13.627	2.99484	49.996	50.001	49.997	33.53	0.235	0.040298	15502	24.174	84.377	0.982
13.6892	3.01177	49.999	50.001	49.998	33.52	0.243	0.015491	15502	23.001	89.085	0.98
13.6298	2.99725	49.994	49.999	50.002	33.73	0.232	0.017209	15502	22.39	91.979	0.982
13.6683	3.00291	50	50.003	49.999	33.57	0.227	0.055253	15502	21.999	86.38	0.983
13.6703	2.997	50.002	50	49.996	33.37	0.232	0.012494	15502	20.845	90.395	0.982
13.6765	3.00076	50.003	49.998	49.991	34.04	0.231	0.004803	15502	19.41	94.685	0.982
13.683	3.0022	50.002	49.999	50	33.59	0.245	0.026214	15502	19.47	95.412	0.981
13.6677	3.00089	50	50.001	50.002	34.04	0.235	0.010077	15502	19.63	94.363	0.981
13.6859	3.00274	50.003	50.004	50.005	34.19	0.235	0.036667	15502	19.811	94.208	0.98
13.6443	3.00662	50.006	49.999	49.999	34.08	0.233	0.040735	15502	19.339	93.045	0.978

13.6875	3.00461	49.998	49.998	50.002	33.83	0.24	0.009211	15502	19.189	95.094	0.979
13.6801	3.00602	50.001	50.001	49.999	34.04	0.241	0.017396	15502	18.516	95.488	0.979
13.6578	2.99584	50	50.001	49.999	33.78	0.231	0.011368	15502	19.209	95.982	0.98
13.6971	3.00446	49.997	50.001	49.997	33.71	0.237	0.02147	15502	19.741	95.085	0.979
13.6677	2.99909	50.004	50.001	50	33.39	0.232	0.040548	15502	21.607	87	0.98
13.6483	2.99458	49.999	49.998	50.005	33.38	0.235	0.045047	15502	22.44	86.013	0.978
13.6435	3.00069	50	49.999	50.001	33.39	0.233	0.017316	15502	23.563	83.17	0.979
13.6642	2.99857	49.999	49.996	50	33.38	0.236	0.055597	15502	24.084	83.003	0.977
13.6622	3.0031	49.998	50	49.996	33.36	0.227	0.021372	15502	24.816	80.247	0.977
13.6913	3.0079	49.998	50.009	51.106	34.4	0.24	0	15502	27.378	73.28	0.977
13.6711	2.99879	49.999	49.996	49.997	32.74	0.224	0.014364	15502	28.249	72.007	0.976
13.6651	3.00749	49.999	49.999	49.998	32.92	0.24	0.015958	15502	28.139	76.26	0.974
13.6594	2.99477	50.002	49.998	50.007	32.86	0.235	0.011819	15502	27.148	79.714	0.972
13.6704	3.00195	49.998	50	50.003	33.06	0.23	0.01313	15502	26.527	82.296	0.972
13.6681	2.99785	50.001	49.999	49.994	33.19	0.236	0.016532	15502	22.106	90.263	0.974
13.6892	3.00501	49.999	50.001	49.999	34.3	0.22	0.046833	15502	20.631	95.232	0.972
13.699	3.00924	50.003	50.002	50	33.31	0.226	0.020403	15502	20.862	93.54	0.974
13.6601	2.99387	50.003	50.001	50.002	33.38	0.227	0.013334	15502	21.023	92.763	0.973
13.6736	2.99959	50.004	49.998	49.997	33.35	0.236	0.008713	15502	21.314	93.064	0.973
13.6493	2.9916	49.999	49.997	50	33.44	0.24	0.00968	15502	21.334	92.011	0.974
13.6547	2.99621	50.003	49.998	50.003	33.64	0.231	0.010754	15502	21.263	92.271	0.972
13.6296	2.99576	49.999	50.005	50.003	33.54	0.227	0.039131	15502	21.294	92.83	0.972
13.6423	2.99221	50.001	50.001	50.007	33.71	0.227	0.015042	15502	21.384	91.864	0.973
13.6593	3.00366	50.002	49.997	49.993	33.35	0.231	0.028409	15502	21.876	91.358	0.972
13.6889	3.01366	50.003	49.997	50.001	33.35	0.228	0.010921	15502	21.976	91.196	0.972
13.6701	2.9991	49.996	49.997	49.999	33.41	0.228	0.020625	15502	22.247	88.482	0.972
13.6877	3.00155	49.999	50.003	50.001	33.33	0.231	0.007928	15502	22.478	89.187	0.972
13.6589	3.00412	49.996	50.002	50.005	33.27	0.223	0.008808	15502	21.173	84.534	0.972
13.6287	2.98469	49.997	50.001	50.001	33.35	0.237	0.009785	15502	19.286	77.83	0.974
13.6873	3.00894	50.002	49.998	49.998	33.35	0.231	0.01848	15502	20.35	75.699	0.972
13.6708	2.9968	49.998	50.002	50	33.33	0.236	0.007104	15502	21.003	64.837	0.974
13.6769	3.00587	50	49.998	50.001	33.35	0.224	0.022808	15502	21.835	63.288	0.975
13.6796	2.99276	49.996	49.998	50.002	33.31	0.238	0.043075	15502	22.738	59.508	0.976
13.6733	2.99979	50.001	50.005	50	33.09	0.228	0.011039	15502	23.079	59.921	0.975

13.6776	3.00075	50	49.999	50	33.29	0.228	0.020848	15502	22.939	60.441	0.974
13.6513	2.99484	50.001	50	49.997	33.35	0.231	0.013624	15502	21.605	67.782	0.974
13.6698	2.99932	49.997	50.005	49.998	33.39	0.228	0.008903	15502	20.932	66.208	0.974
13.6744	2.99957	49.996	50	50	33.37	0.236	0.005818	15502	20.25	68.162	0.974
13.6229	2.99224	50	50.005	49.999	33.68	0.226	0.010988	15502	18.984	72.056	0.976
13.6782	3.00616	49.997	50.002	50.002	33.57	0.236	0.012208	15502	18.442	72.849	0.975
13.6608	3.00642	50	50.001	50	33.46	0.228	0.013562	15502	18.07	75.949	0.976
13.6677	2.99675	49.998	50.002	50.003	34.03	0.229	0.005908	15502	17.035	83.953	0.976
13.6909	3.0032	49.998	50	50.003	34.14	0.231	0.011159	15502	17.296	82.485	0.976
13.666	3.00126	49.997	50.01	49.993	34.38	0.227	0.004289	15502	17.306	83.377	0.976
13.6841	2.99761	50	50	49.997	34.27	0.235	0.009181	15502	17.085	84.038	0.975
13.6817	3.00501	50.004	50.004	49.997	33.44	0.233	0.0102	15502	15.747	89.267	0.976
13.6607	3.00244	49.999	50.007	50	32.79	0.234	0.011331	15502	15.687	89.482	0.976
13.6561	2.99937	50.004	50	49.996	32.65	0.237	0.007405	15502	15.466	89.174	0.976
13.6652	3.00261	50.002	49.999	50.001	31.97	0.242	0.009323	15502	15.053	90.008	0.976
13.6566	3.00261	49.995	50.002	50.003	31.54	0.232	0.015537	15502	14.792	90.26	0.977
13.6791	3.00018	50	50.001	50	31.55	0.229	0.006769	15502	15.224	87.094	0.978
13.654	3.00236	49.997	50	49.999	33.35	0.238	0.012784	15502	16.622	81.139	0.979
13.6708	2.99598	49.999	49.997	49.999	33.43	0.234	0.004914	15502	17.457	73.249	0.978
13.6583	2.99137	49.999	50	50.003	33.35	0.224	0.017881	15502	18.562	67.267	0.979
13.6698	2.99552	49.997	49.999	50	33.35	0.234	0.019865	15502	20.049	56.162	0.978
13.6653	2.99322	49.999	50	49.992	33.37	0.226	0.012982	15502	21.223	54.209	0.98
13.659	2.99619	50.003	49.998	50.001	33.35	0.241	0.014422	15502	22.327	47.565	0.981
13.6813	2.99842	50.003	49.996	50	33.35	0.233	0.016022	15502	23.12	44.505	0.981
13.6961	3.00527	50.002	50.003	50.006	33.35	0.231	0.01047	15502	23.601	42.18	0.979
13.6818	3.01057	49.999	50.003	49.997	33.35	0.232	0.02241	15502	24.212	41.947	0.98
13.6826	3.00744	50	49.999	50.001	33.27	0.236	0.014645	15502	24.393	43.4	0.98
13.6604	2.99615	49.999	50.001	49.999	33.35	0.233	0.027659	15502	24.303	44.116	0.982
13.6891	3.00567	50.001	50.004	50.003	33.38	0.235	0.030727	15502	23.3	51.051	0.983
13.6916	3.00145	50.001	50.001	50.002	33.79	0.235	0.02008	15502	20.209	66.053	0.981
13.6631	3.00349	50.001	49.995	49.998	34.59	0.232	0.008748	15502	17.085	80.84	0.983
13.6791	2.99722	50	49.999	49.994	34.51	0.236	0.009719	15502	15.496	88.975	0.983
13.6833	3.0047	50.002	49.997	50	33.91	0.247	0.018355	15502	14.852	92.775	0.982
13.6869	3.00339	49.998	49.999	49.999	33.35	0.232	0.020391	15502	14.46	93.721	0.983

13.6586	2.99316	50	49.999	50.001	32.75	0.241	0.007839	15502	14.349	93.365	0.984
13.6596	3.00327	50.006	49.999	49.999	32.57	0.235	0.025167	15502	13.755	93.447	0.983
13.6646	2.9944	49.999	50.001	49.999	32.28	0.235	0.027959	15502	13.946	92.142	0.986
13.7179	3.0066	50.004	50.003	50	32.13	0.226	0.018271	15502	13.765	93.229	0.984
13.6498	2.99575	50	49.994	49.999	32.05	0.245	0.039107	15502	13.665	93.23	0.986
13.6724	2.9968	50.001	50.003	50.002	32.36	0.235	0.015033	15502	14.067	91.242	0.984
13.6928	3.00875	50	49.995	50.006	33.33	0.234	0.009824	15502	15.094	89.38	0.986
13.6844	3.00075	50	50.002	50.004	33.35	0.248	0.018554	15502	18.482	75.401	0.983
13.7157	3.00972	50	50.001	49.999	33.36	0.235	0.020612	15502	22.578	64.786	0.985
13.6679	3.00182	50.006	50	50.001	33.35	0.231	0.038928	15502	24.734	58.267	0.986
13.6746	3.00139	50.001	50.004	50.002	33.35	0.227	0.028831	15502	26.096	56.527	0.986
13.6812	3.00248	50.003	49.999	50	33.35	0.242	0.03203	15502	27.689	52.247	0.987
13.6721	2.99638	49.995	50	49.992	33.34	0.229	0.020931	15502	28.069	51.59	0.985
13.6509	2.9982	50.004	50.004	49.998	33.28	0.232	0.039531	15502	28.769	47.156	0.985
13.6829	3.00231	50.003	50.003	49.999	33.31	0.225	0.029278	15502	28.369	46.282	0.984
13.6472	3.00017	49.999	50	50.002	33.31	0.231	0.032526	15502	28.319	44.049	0.986
13.668	2.99918	49.999	49.999	49.998	33.35	0.235	0.036135	15502	28.769	46.596	0.984
13.6606	2.99742	50.002	50.004	50.001	33.35	0.239	0.026762	15502	28.409	46.056	0.985
13.6435	2.99285	50.005	50.001	50.001	33.3	0.234	0.050543	15502	27.408	54.082	0.984
13.6356	2.99678	49.999	50	49.997	33.37	0.224	0.095456	15502	23.902	65.244	0.984
13.6762	3.00085	49.996	50.001	50.001	33.67	0.241	0.021585	15502	20.902	77.799	0.986
13.6636	3.00403	49.999	49.999	50	33.74	0.235	0.078541	15502	19.768	82.264	0.984
13.664	2.99815	50	49.997	50.001	33.94	0.246	0.030192	15502	20.581	78.099	0.986
13.6918	3.00453	49.996	50.003	50.006	34.1	0.233	0.033541	15502	19.024	84.189	0.987
13.6608	3.00098	49.996	49.996	50.003	33.83	0.232	0.037263	15502	17.989	86.908	0.985
13.6584	3.00165	50.002	49.998	49.999	34.72	0.25	0.014324	15502	17.175	89.346	0.985
13.6882	3.00392	50.002	49.996	50.003	34.74	0.232	0.009361	15502	16.351	91.335	0.986
13.6943	3.00113	50.001	49.999	50.001	34.61	0.228	0.010399	15502	15.888	92.204	0.986
13.6603	3.00232	49.998	50	49.999	34.04	0.232	0.01964	15502	15.265	93.805	0.986
13.6481	2.99488	50.004	50	49.998	33.66	0.228	0.004441	15502	14.822	94.983	0.987
13.6824	3.00585	49.999	49.997	50.001	33.52	0.228	0.009506	15502	15.365	94.829	0.985
13.6738	2.99405	50.003	50	49.999	33.36	0.232	0.017952	15502	20.41	77.302	0.986
13.6747	3.0003	50.002	50	49.999	33.34	0.235	0.011732	15502	23.791	61.923	0.986
13.6686	2.99723	49.995	49.996	49.997	33.3	0.231	0.064033	15502	25.866	52.475	0.987

13.7001	3.00852	49.998	50.002	50.003	33.35	0.231	0.024615	15502	27.058	46.618	0.986
13.6744	2.99881	49.998	49.998	49.995	33.34	0.229	0.027346	15502	26.807	46.818	0.985
13.6581	2.99389	49.998	49.993	50.003	33.31	0.234	0.03038	15502	27.048	46.716	0.984
13.6646	2.99678	50.003	50	50.002	33.19	0.24	0.03825	15502	27.558	46.017	0.985
13.6705	3.00082	49.998	49.998	50.003	33.31	0.231	0.024996	15502	27.168	48.139	0.985
13.6864	3.00024	50.002	49.995	49.998	33.37	0.234	0.027769	15502	27.548	48.48	0.983
13.6394	2.99687	49.998	49.998	50	33.32	0.245	0.059438	15502	26.687	51.406	0.982
13.6857	3.00418	49.998	50.003	50.002	33.3	0.23	0.022848	15502	26.657	52.041	0.982
13.6598	2.99817	49.997	49.997	49.999	33.37	0.243	0.025383	15502	25.004	56.769	0.983
13.6852	3.00179	49.998	50.003	50.002	33.41	0.234	0.009758	15502	21.765	71.321	0.981
13.6635	2.99403	50	50.001	49.999	33.85	0.233	0.018428	15502	20.44	79.372	0.983
13.654	2.99324	50.004	50.001	50.003	33.75	0.23	0.020473	15502	19.848	84.773	0.984
13.6776	3.00194	50.003	49.999	50.001	33.45	0.246	0.008919	15502	20.591	81.484	0.982
13.665	3.00267	49.999	50	50	33.39	0.228	0.016845	15502	20.43	83.767	0.983
13.6727	2.99826	50.001	50	50	33.56	0.238	0.018714	15502	21.304	79.478	0.981
13.6648	2.998	49.999	49.999	50.003	33.55	0.232	0.02079	15502	20.792	81.452	0.981
13.6609	3.00398	49.999	49.996	50.004	33.61	0.226	0.023096	15502	20.852	82.91	0.98
13.6657	2.99875	49.998	49.996	49.999	33.42	0.229	0.025658	15502	20.36	85.827	0.98
13.6545	3.00245	49.996	50.001	49.999	33.35	0.236	0.048459	15502	20.109	88.468	0.98
13.6645	3.00327	50.003	50.006	50.003	33.91	0.231	0.103722	15502	19.647	91.307	0.98
13.6578	3.00335	50	50.001	50.001	33.43	0.232	0.039872	15502	20.691	90.64	0.979
13.6692	2.99899	50.002	49.996	49.994	33.35	0.231	0.009016	15502	21.314	90.42	0.98
13.6383	3.00407	50.005	49.998	49.995	33.43	0.231	0.010016	15502	21.243	93.911	0.979
13.699	3.00643	50	50	49.999	33.28	0.242	0.011127	15502	22.458	82.278	0.978
13.6768	2.99714	50	49.998	50	33.35	0.233	0.035726	15502	20.651	68.742	0.979
13.6585	3.00445	50.004	49.997	49.999	33.31	0.23	0.023347	15502	22.257	60.931	0.979
13.6571	3.00292	50.001	49.998	49.995	33.09	0.241	0.044092	15502	22.989	54.058	0.979
13.661	2.9928	50.003	50	50	33.14	0.234	0.083273	15502	23.541	54.541	0.979
13.6722	3.00014	50.001	49.999	49.996	33.31	0.23	0.011076	15502	23.711	51.581	0.98
13.7003	3.00482	50.001	50	50.001	33.3	0.236	0.040304	15502	23.831	52.198	0.98
13.6943	3.00836	49.998	49.998	50.002	33.35	0.235	0.015493	15502	23.721	55.87	0.98
13.688	3.00083	49.998	50	50.001	33.35	0.242	0.049743	15502	23.691	54.189	0.979
13.6775	3.00171	50.003	50	49.999	33.35	0.235	0.021671	15502	22.598	60.776	0.98
13.6794	3.00015	49.998	49.999	50.008	34.02	0.23	0.024075	15502	19.938	65.605	0.981

13.6704	2.99866	50.001	50	49.999	34.42	0.23	0.026746	15502	18.311	68.707	0.981
13.7101	3.00502	49.999	50.001	49.999	34.72	0.247	0.017479	15502	17.537	74.573	0.983
13.6857	2.99818	50.004	50.002	50	34.04	0.243	0.03301	15502	16.451	77.027	0.983
13.6578	3.00202	49.998	50	50	33.34	0.231	0.012689	15502	15.486	80.792	0.983
13.6982	3.00265	49.997	50.01	50.006	32.01	0.235	0.008292	15502	14.741	82.938	0.982
13.6718	2.99548	49.999	50.003	49.998	31.38	0.232	0.015661	15502	14.208	83.664	0.984
13.6797	3.00714	50	49.999	50	30.75	0.242	0.029578	15502	13.624	84.679	0.982
13.6677	3.00372	50.004	49.996	49.996	30.53	0.238	0.021906	15502	13.071	87.222	0.982
13.6741	2.99978	49.998	49.997	50	29.91	0.231	0.014315	15502	12.829	87.232	0.981
13.6765	3.00482	49.995	50.001	49.994	29.51	0.228	0.027036	15502	12.426	87.846	0.982
13.7035	3.00736	50	49.998	50.001	29.22	0.232	0.017668	15502	12.366	87.237	0.981
13.662	2.9947	50	50.005	50.002	31.17	0.242	0.013085	15502	14.48	81.259	0.982
13.685	3.00066	49.996	49.999	50.001	33.35	0.237	0.024713	15502	16.391	72.85	0.983
13.6565	2.99708	50	50.002	49.997	33.35	0.23	0.01615	15502	19.215	62.853	0.983
13.6604	2.99556	50.001	49.999	50	33.31	0.229	0.051852	15502	20.962	53.554	0.981
13.6853	3.0017	49.993	50.005	50.001	33.38	0.24	0.019932	15502	21.575	48.083	0.981
13.6834	3.00345	50	49.999	50.001	33.35	0.233	0.022144	15502	22.297	43.39	0.982
13.6664	2.99859	50.003	50	50.001	33.35	0.237	0.04182	15502	22.748	43.013	0.981
13.6465	3.00042	49.999	49.996	49.999	33.35	0.231	0.01822	15502	22.909	43.955	0.982
13.6774	2.99838	50.003	49.998	50.002	33.35	0.226	0.020241	15502	23.38	43.414	0.983
13.6701	3.00202	50.002	50.003	50.006	33.35	0.242	0.022486	15502	22.417	46.77	0.981
13.6812	3.00172	50.001	50.001	49.995	33.35	0.228	0.042468	15502	22.357	47.796	0.982
13.6478	2.99482	49.995	49.998	50.001	33.41	0.231	0.027753	15502	20.862	53.261	0.981
13.6958	3.00564	50.001	49.999	50.004	33.57	0.239	0.010668	15502	19.486	56.017	0.982
13.6478	2.99226	49.996	49.995	49.996	33.8	0.235	0.034252	15502	18.371	59.275	0.984
13.651	2.9996	49.999	49.998	50.001	34.1	0.235	0.043126	15502	17.397	64.622	0.983
13.6951	3.00503	49.997	49.999	50	34.03	0.237	0.016578	15502	17.004	68.662	0.983
13.6833	3.00234	50	49.997	50.001	34.69	0.232	0.046964	15502	16.803	72.745	0.983
13.6814	2.99988	49.996	50.005	50	34.57	0.243	0.018053	15502	16.411	70.395	0.983
13.6578	3.00008	49.999	50.005	49.997	34.03	0.228	0.007865	15502	16.12	73.493	0.984
13.6632	3.00458	49.997	50.001	50	33.54	0.245	0.014854	15502	15.687	76.79	0.983
13.6414	2.9955	50.003	49.998	49.999	32.98	0.236	0.028054	15502	13.916	83.089	0.983
13.6441	2.99053	49.997	50.004	50	31.67	0.233	0.010784	15502	13.04	85.676	0.983
13.6695	3.00263	49.999	50.006	49.992	30.6	0.239	0.034623	15502	12.708	86.205	0.983

13.6788	3.004	50	49.998	49.997	29.96	0.231	0.038465	15502	12.819	85.458	0.983
13.6897	3.00156	49.997	50.004	50.008	31.99	0.232	0.016758	15502	15.426	76.632	0.983
13.6528	2.99112	50	50.001	49.999	33.35	0.228	0.018617	15502	17.457	67.602	0.985
13.6572	2.9984	50.002	49.998	49.998	33.47	0.237	0.020682	15502	18.813	62.174	0.984
13.6933	3.00159	49.997	49.997	49.996	33.38	0.234	0.013516	15502	19.135	60.906	0.985
13.6482	2.98857	50.002	50.003	50.001	33.4	0.235	0.04918	15502	20.31	60.68	0.985
13.6929	3.00867	50	50.003	49.998	33.35	0.231	0.081954	15502	21.013	60.435	0.984
13.6748	2.99799	49.999	49.996	49.996	33.31	0.235	0.010901	15502	21.665	58.921	0.985
13.6422	2.98971	49.999	50.002	50	33.35	0.234	0.034999	15502	22.578	56.043	0.984
13.6727	3.00809	49.998	49.996	49.999	33.35	0.236	0.022872	15502	22.638	56.788	0.983
13.6788	2.99912	49.997	50.002	49.997	33.35	0.241	0.025409	15502	23.14	56.801	0.983
13.677	3.00904	50.001	50	49.998	33.39	0.238	0.031992	15502	22.488	60.01	0.984
13.6939	3.01182	50	50.002	49.998	33.38	0.227	0.035541	15502	21.625	66.07	0.982
13.6977	3.0021	49.998	49.996	50.001	33.72	0.24	0.023226	15502	20.571	74.994	0.983
13.699	3.00433	50.002	49.997	50.003	33.64	0.241	0.025803	15502	19.989	78.262	0.985
13.661	2.99459	50.001	50.005	50	33.81	0.235	0.009919	15502	19.577	77.496	0.986
13.6661	2.99558	50.003	50.001	49.999	34.04	0.236	0.031845	15502	19.165	76.23	0.985
13.6865	3.00257	50.008	50.003	49.999	34.04	0.243	0.013874	15502	18.221	80.609	0.985
13.6556	2.99238	49.997	49.997	49.996	34.05	0.242	0.005333	15502	17.678	83.013	0.986
13.6791	2.99997	49.997	49.997	49.998	33.97	0.241	0.010072	15502	16.783	83.601	0.986
13.6743	3.00136	50.001	50.006	49.998	33.98	0.239	0.054975	15502	15.063	83.572	0.985
13.656	2.99968	50.003	49.999	49.997	32.79	0.23	0.012431	15502	13.342	88.714	0.985
13.6297	2.99177	50.001	50.003	50.001	31.99	0.229	0.008124	15502	12.587	92.137	0.987
13.6509	2.99251	50.002	49.998	49.999	32.5	0.24	0.009025	15502	13.634	90.729	0.988
13.6508	2.98935	49.999	50.001	50.001	33.35	0.232	0.017045	15502	14.399	87.898	0.989
13.6609	2.99355	50.002	50.001	50.001	34.08	0.238	0.018936	15502	15.204	85.717	0.989
13.6543	3.00238	50	49.992	49.997	33.82	0.228	0.012374	15502	16.421	82.782	0.989
13.677	2.99877	49.999	49.998	50.002	33.82	0.232	0.02337	15502	17.507	75.652	0.989
13.6393	2.99555	50.001	50	49.998	33.44	0.242	0.015272	15502	18.271	71.267	0.99
13.6739	3.00108	50.001	50.002	49.998	33.45	0.235	0.016967	15502	18.743	69.009	0.991
13.6311	2.99185	50	49.998	49.998	33.35	0.236	0.007392	15502	18.994	65.184	0.987
13.6544	3.00104	49.999	49.999	49.999	33.35	0.235	0.023732	15502	19.627	65.493	0.989
13.6818	3.00873	49.996	50.001	50.001	33.47	0.232	0.015509	15502	20.822	60.493	0.987
13.7108	3.01494	50.005	50.002	50.001	33.39	0.25	0.010135	15502	20.611	61.113	0.989

13.6537	2.99378	49.996	50.002	50.003	33.48	0.231	0.03254	15502	21.153	61.082	0.989
13.6624	2.9965	50	49.998	49.996	33.44	0.23	0.014176	15502	21.253	62.457	0.986
13.6964	3.00572	50.002	50.004	49.999	33.36	0.247	0.015749	15502	20.651	65.757	0.987
13.672	3.00423	49.997	50.003	50.002	34.74	0.233	0.050564	15502	16.371	82.573	0.987
13.6872	3.00186	50.003	50.001	50	34.62	0.232	0.019437	15502	14.741	89.659	0.99
13.6415	2.99445	49.999	49.999	49.996	33.39	0.235	0.007472	15502	13.886	92.697	0.988
13.6755	3.001	50.001	49.997	49.999	32.7	0.239	0.008301	15502	13.01	93.378	0.989
13.664	2.99918	50.002	50.002	49.999	31.97	0.23	0.010451	15502	12.446	94.51	0.987
13.6923	3.00718	49.999	49.997	50.002	31.28	0.247	0.033555	15502	12.013	95.067	0.987
13.6747	2.9979	49.995	49.999	50	30.74	0.249	0.037278	15502	11.459	95.416	0.989
13.6883	3.00873	49.998	50.004	50.003	30.51	0.235	0.041414	15502	10.975	95.532	0.989
13.6645	3.00276	49.998	50	49.999	29.91	0.243	0.027064	15502	10.623	95.805	0.987
13.6706	3.00463	50	49.997	50.007	29.63	0.247	0.017686	15502	10.088	95.864	0.987
13.6411	2.9975	49.999	50	50.004	29.22	0.251	0.033402	15502	9.846	96.039	0.99
13.6716	3.00482	49.999	50.003	49.996	29.32	0.237	0.042055	15502	10.28	96.222	0.991
13.6423	2.99315	50.003	49.996	50.003	31.64	0.249	0.00951	15502	13.191	94.582	0.987
13.6528	2.98881	49.998	50	50	33.35	0.247	0.030532	15502	17.256	80.802	0.99
13.6888	3.00056	50	50	50.001	33.44	0.235	0.019952	15502	20.972	65.006	0.989
13.6774	2.99902	49.999	49.997	50.002	33.49	0.249	0.025121	15502	21.916	60.16	0.99
13.6694	2.99806	50.006	49.999	49.998	33.38	0.23	0.014485	15502	22.447	58.284	0.99
13.6303	2.99381	49.998	50	50.005	33.36	0.233	0.031005	15502	23.059	57.616	0.989
13.6632	2.99835	50.004	50.003	50.001	33.35	0.247	0.058555	15502	23.781	55.878	0.989
13.6929	3.00098	50.002	50	50	33.35	0.233	0.038266	15502	24.904	56.723	0.986
13.6718	3.00669	49.999	50.001	50	33.44	0.246	0.025006	15502	24.423	53.099	0.986
13.658	2.99687	50	50.002	50.003	33.41	0.24	0.016342	15502	24.974	54.37	0.986
13.6611	2.99606	49.999	50.002	50	33.37	0.232	0.018155	15502	24.423	58.279	0.985
13.6569	2.99408	49.997	50.005	50.002	33.79	0.23	0.034287	15502	21.966	70.19	0.986
13.6589	3.00012	49.997	50.004	50.002	34.08	0.247	0.022406	15502	19.165	78.401	0.986
13.6632	3.00339	50.002	49.997	50.001	34.02	0.241	0.005067	15502	17.638	83.576	0.988
13.6866	3.00748	50	49.998	49.996	34.82	0.237	0.009569	15502	16.291	88.802	0.986
13.6676	2.99645	49.998	49.997	49.997	34.61	0.245	0.030722	15502	15.285	91.824	0.986
13.6571	3.00015	50	50.003	49.998	33.97	0.233	0.03413	15502	14.762	93.409	0.986
13.6623	2.99921	49.997	49.998	50	33.41	0.237	0.022304	15502	14.48	93.726	0.987
13.6721	3.00138	50.003	49.997	50.004	33.39	0.232	0.024778	15502	14.741	93.97	0.986

13.6538	3.00562	49.998	50	50.005	33.71	0.236	0.053036	15502	15.607	91.706	0.986
13.6415	2.99968	49.998	50.001	50.007	34.34	0.246	0.020387	15502	15.808	91.061	0.985
13.6883	3.00045	50.001	50.003	49.995	34.66	0.242	0.022649	15502	15.848	90.437	0.986
13.6336	2.99729	49.996	50	49.993	34.74	0.239	0.025162	15502	15.687	90.759	0.986
13.6828	3.01069	50.001	49.997	50	34.01	0.233	0.04193	15502	16.069	90.901	0.986
13.7076	3.0047	50.002	49.999	50.005	34.02	0.249	0.016118	15502	16.451	90.726	0.989
13.6891	2.99836	50.002	49.999	50.001	33.67	0.243	0.010533	15502	18.391	84.731	0.989
13.694	3.00503	50	49.998	50	33.36	0.245	0.065157	15502	19.788	81.333	0.987
13.6618	3.00052	49.999	50.005	50	33.35	0.239	0.014733	15502	21.514	73.991	0.986
13.6668	2.99704	50.005	49.999	50	33.34	0.231	0.047303	15502	23.089	71.266	0.987
13.6582	2.99053	49.999	49.999	49.996	33.35	0.238	0.030913	15502	23.641	69.485	0.987
13.6572	3.0068	50.001	49.997	49.994	33.42	0.228	0.011883	15502	23.481	69.85	0.987
13.6751	3.00658	49.997	49.999	49.996	33.36	0.232	0.038152	15502	23.44	72.528	0.986
13.6539	2.99782	49.998	50.004	50.006	33.39	0.243	0.042385	15502	23.099	74.849	0.983
13.7056	3.00063	50.001	49.999	50.002	33.44	0.232	0.027698	15502	22.397	81.471	0.984
13.685	3.00513	50.004	50.002	50.002	33.45	0.239	0.018101	15502	22.377	78.475	0.983
13.6884	2.99955	50.004	50.002	49.999	33.5	0.236	0.034185	15502	21.394	85.501	0.984
13.672	3.0068	50.004	50.002	50.001	33.84	0.232	0.037978	15502	20.862	85.377	0.985
13.6642	2.9989	50	49.997	49.998	33.47	0.231	0.014599	15502	20.711	84.304	0.984
13.6689	3.00398	50.004	50	50.003	33.45	0.23	0.031248	15502	20.32	84.289	0.984
13.6447	2.9932	50.001	49.999	50	33.83	0.225	0.034714	15502	20.25	82.17	0.984
13.6687	2.99422	49.998	50	49.998	33.94	0.238	0.022686	15502	19.587	84.86	0.984
13.6719	3.00639	50.001	50.002	50.004	33.89	0.233	0.009883	15502	18.964	88.142	0.983
13.679	3.00309	50	50.006	50.009	33.66	0.235	0.031732	15502	18.894	89.632	0.984
13.6426	2.9972	49.999	49.996	49.999	33.86	0.249	0.020737	15502	18.432	90.585	0.985
13.6859	3.0012	50	50.003	50.002	34.06	0.237	0.023037	15502	18.361	91.439	0.984
13.627	2.98976	49.999	49.999	49.994	33.97	0.232	0.015055	15502	18.301	91.971	0.984
13.6837	2.99924	50.002	50.007	50.001	34.59	0.233	0.028432	15502	17.809	94.789	0.982
13.6804	3.00539	50.002	50.005	50.002	34.4	0.234	0.035798	15502	18.11	92.284	0.983
13.6842	3.00174	50	49.992	49.999	33.66	0.234	0.013761	15502	19.306	90.248	0.982
13.655	2.99628	50.002	50	50	33.36	0.238	0.025989	15502	20.701	86.491	0.983
13.696	3.00348	49.999	49.994	49.998	33.38	0.231	0.016984	15502	22.357	81.822	0.982
13.6547	2.99716	50	49.998	50.003	33.35	0.236	0.028302	15502	22.066	80.859	0.983
13.663	3.00389	50.001	49.998	50.007	33.41	0.227	0.031442	15502	22.728	81.954	0.983

13.6863	3.00283	50.002	49.999	50	33.37	0.23	0.020547	15502	23.079	81.362	0.983
13.6597	3.00418	50.001	50.002	50.003	33.35	0.24	0.013428	15502	23.942	77.553	0.983
13.6903	3.00414	50.001	50.001	50.002	33.24	0.231	0.025359	15502	25.165	72.662	0.983
13.6867	2.99986	50	50	49.995	33.29	0.243	0.016572	15502	24.633	76.403	0.981
13.7007	3.00737	50.001	50.008	49.998	33.42	0.246	0.018411	15502	23.069	85.018	0.982
13.6919	3.01162	50	50	49.999	33.35	0.243	0.007077	15502	22.518	87.213	0.981
13.6829	3.00126	49.997	50.003	49.998	33.4	0.234	0.011794	15502	21.936	90.457	0.983
13.7061	3.00406	50.001	49.998	50.001	33.41	0.232	0.013102	15502	21.133	91.682	0.981
13.6552	2.99433	50	50.001	49.998	33.42	0.243	0.016496	15502	20.912	93.052	0.984
13.6485	2.99416	50.002	49.997	49.995	33.64	0.234	0.01078	15502	20.792	93.59	0.985
13.6652	3.00401	49.999	50.002	50.003	33.65	0.243	0.02036	15502	20.691	93.948	0.983
13.6617	2.99764	49.997	49.997	50	33.59	0.237	0.022618	15502	20.531	94.176	0.983
13.6814	3.00265	50.001	49.996	49.995	33.36	0.236	0.008695	15502	20.059	94.545	0.984
13.6636	2.99737	50	50	50.004	33.48	0.237	0.027915	15502	19.928	95.089	0.983
13.6841	3.01062	50.001	50.002	49.995	33.65	0.243	0.018243	15502	19.507	95.242	0.982
13.6782	3.00314	50	50.003	50	34	0.24	0.020266	15502	19.024	95.996	0.983
13.6817	3.00109	50.001	50.003	50.002	33.95	0.241	0.022515	15502	18.934	96.579	0.983
13.6694	3.00448	50.005	49.997	50.002	33.43	0.231	0.025013	15502	18.834	96.633	0.984
13.6893	3.00669	50.001	49.999	49.994	33.59	0.239	0.016346	15502	18.663	96.457	0.985
13.649	2.99998	50.001	49.999	49.998	33.74	0.227	0.030871	15502	18.703	95.816	0.986
13.6637	2.99512	50	49.999	50.005	33.48	0.232	0.011867	15502	19.527	91.552	0.985
13.677	3.00042	50.001	49.997	50	33.35	0.232	0.022412	15502	21.705	83.078	0.986
13.6787	3.0054	49.995	49.993	50	33.28	0.246	0.014646	15502	24.082	73.866	0.984
13.6552	2.99544	49.997	49.999	49.999	33.35	0.228	0.016271	15502	23.982	74.507	0.985
13.6468	3.00077	50	50.002	50.007	33.35	0.24	0.018076	15502	24.914	70.903	0.985
13.6688	2.99996	50.002	50.003	50.002	33.35	0.238	0.011813	15502	24.443	74.019	0.985
13.6744	2.99991	49.997	50.002	50.002	33.33	0.229	0.022309	15502	25.145	71.455	0.983
13.668	3.00767	50.007	50.003	49.997	33.34	0.245	0.014579	15502	25.475	69.704	0.983
13.677	3.00283	50.004	50.003	49.998	33.35	0.231	0.016196	15502	26.377	63.536	0.984
13.6669	2.99924	50.003	50	50.001	33.35	0.234	0.010584	15502	26.287	64.944	0.982
13.6857	3.00281	50.004	50	49.998	33.37	0.235	0.006917	15502	23.962	79.651	0.984
13.6792	3.00011	50.003	49.998	49.999	33.88	0.231	0.022207	15502	20.551	89.949	0.985
13.688	3.00316	49.999	50.003	50	34.08	0.233	0.024671	15502	19.376	93.874	0.984
13.673	3.00455	49.998	50.004	50.002	34.04	0.234	0.016122	15502	18.422	94.82	0.983

13.6829	3.00043	49.997	50.002	49.992	34.5	0.234	0.006198	15502	17.859	95.458	0.984
13.6512	3.00023	50.001	49.996	50	34.72	0.239	0.006885	15502	17.185	95.796	0.984
13.6742	2.9984	50	50	50.004	34.15	0.235	0.03758	15502	16.723	95.971	0.983
13.7137	3.00829	50.005	50.001	50.001	33.83	0.24	0.007498	15502	16.592	96.404	0.984
13.6885	3.00549	49.992	49.999	49.99	34.67	0.251	0.024073	15502	16.532	96.475	0.985
13.6809	3.00579	49.998	49.999	49.999	33.67	0.232	0.026744	15502	16.411	96.314	0.984
13.6532	3.00308	50.005	49.996	50.001	34.72	0.241	0.017477	15502	16.27	96.382	0.984
13.6512	2.99185	49.997	49.996	50	34.77	0.235	0.011421	15502	16.029	96.465	0.984
13.6792	2.99858	49.999	49.997	49.994	34.02	0.234	0.012688	15502	16.13	96.535	0.984
13.6758	3.00102	50.007	49.998	49.997	33.81	0.249	0.035944	15502	18.432	95.612	0.984
13.6499	2.99056	50.001	50.001	50.002	33.38	0.248	0.013817	15502	22.217	84.072	0.984
13.6655	2.99321	50.005	50.003	50.005	33.35	0.246	0.026095	15502	25.966	77.511	0.985
13.6977	3.00565	50.001	50.001	49.999	33.37	0.232	0.055855	15502	28.82	70.83	0.983
13.6966	3.00496	49.997	50.001	49.998	33.49	0.235	0.062052	15502	30.61	61.1	0.985
13.6766	3.0014	50.002	49.994	49.995	33.42	0.24	0.04055	15502	31.14	58.643	0.985
13.6525	2.99203	49.993	49.999	50	33.42	0.23	0.045049	15502	31.48	54.395	0.984
13.6576	2.99611	50.002	49.996	50.004	33.65	0.231	0.08508	15502	32.019	50.256	0.982
13.6459	2.99224	50	50.007	50.005	33.93	0.227	0.032705	15502	32.109	51.315	0.983
13.675	3.00196	50	49.997	50.001	33.82	0.239	0.036334	15502	31.51	52.534	0.983
13.662	2.99627	50.003	49.998	49.998	33.69	0.231	0.040365	15502	31.53	56.565	0.983
13.688	3.00507	49.997	50	49.999	33.61	0.232	0.026378	15502	29.09	67.836	0.982
13.6667	3.00304	49.999	50.002	50	33.43	0.238	0.029305	15502	24.583	87.211	0.983
13.6568	2.99775	50	50.001	49.999	33.41	0.234	0.032556	15502	23.17	92.153	0.984
13.6594	3.00585	49.999	50.001	49.999	33.48	0.234	0.021275	15502	22.718	93.426	0.983
13.637	2.9961	50.004	49.997	49.996	33.53	0.234	0.013903	15502	22.096	93.906	0.985
13.6554	2.99325	50.004	50	50	33.42	0.235	0.026258	15502	22.347	94.153	0.985
13.663	3.00333	50.005	49.998	49.998	33.38	0.231	0.017159	15502	23.42	89.681	0.983
13.671	3.00721	49.997	50	49.998	33.41	0.238	0.019063	15502	23.501	89.099	0.983
13.6593	2.9991	50.002	50.003	49.999	33.36	0.234	0.036002	15502	23.41	89.702	0.984
13.6718	3.00253	49.999	49.999	49.999	33.35	0.241	0.023527	15502	23.38	90.744	0.983
13.6596	2.99909	49.999	50	50.001	33.35	0.248	0.039206	15502	23.079	91.472	0.983
13.647	2.9955	50.004	49.998	49.997	33.36	0.238	0.015071	15502	22.357	93.31	0.983
13.649	2.9993	50.003	49.998	49.994	33.36	0.235	0.048388	15502	22.036	93.89	0.983
13.6631	2.9965	49.998	50.005	50.001	33.31	0.233	0.018601	15502	23.922	88.059	0.985

13.6418	2.98616	50.005	50.008	49.976	33.12	0.235	0	15502	26.407	81.145	0.984
13.6849	3.00272	49.996	49.997	49.999	33.35	0.242	0.039511	15502	28.199	74.444	0.985
13.6583	2.99596	49.997	49.999	49.998	33.38	0.231	0.015188	15502	30.66	62.362	0.983
13.6958	3.00722	50.007	50.002	49.995	33.41	0.233	0.082899	15502	31.89	55.919	0.984
13.6745	3.00278	50.002	50.001	50	33.35	0.242	0.011027	15502	32.749	52.082	0.984
13.6942	3.00195	50.001	50.002	50.006	33.32	0.232	0.035403	15502	31.92	60.626	0.984
13.6819	3.00435	50.002	50.003	50.003	33.25	0.239	0.044574	15502	32.629	60.054	0.983
13.6772	3.00337	50.001	50.008	50	33.33	0.228	0.029129	15502	32.829	60.363	0.981
13.6839	3.00141	49.999	50.004	50.001	33.25	0.227	0.019036	15502	33.398	50.501	0.982
13.6638	2.99758	49.997	49.999	49.999	33.33	0.23	0.007317	15502	32.499	50.712	0.983
13.6881	3.00535	49.999	49.998	49.997	33.29	0.24	0.039939	15502	30.84	57.944	0.982
13.6643	3.00113	49.999	49.997	49.997	33.35	0.234	0.04437	15502	27.909	77.2	0.983
13.6797	3.00218	50.002	49.999	50	33.39	0.234	0.049293	15502	27.208	79.031	0.984
13.6946	3.00379	49.999	49.998	49.998	33.19	0.233	0.032213	15502	26.126	80.268	0.983
13.6513	2.99484	50.003	49.997	50	33.35	0.233	0.021051	15502	24.944	82.751	0.983
13.6937	3.0074	50.002	50.002	50.001	33.35	0.241	0.013757	15502	24.212	82.384	0.985
13.6707	3.00293	50.001	49.997	49.998	33.37	0.222	0.025981	15502	23.38	85.539	0.984
13.6774	3.00204	50.002	49.994	49.997	33.64	0.228	0.009987	15502	22.016	90.569	0.984
13.6635	3.00511	50.001	50.001	49.995	33.51	0.232	0.011095	15502	21.143	93.431	0.984
13.7035	3.00272	49.999	50.004	50.006	33.9	0.233	0.020954	15502	20.832	94.66	0.983
13.6848	3.00201	50	50	50.003	34.04	0.228	0.039575	15502	20.892	95.212	0.985
13.6673	2.9961	50.002	49.997	49.998	34.03	0.225	0.038793	15502	20.38	95.475	0.985
13.6597	3.00066	50.002	49.998	50.002	33.7	0.244	0.043097	15502	21.003	95.197	0.986
13.6356	2.99522	50	50.002	50.001	33.35	0.243	0.047878	15502	23.22	88.014	0.985
13.6553	2.9987	49.998	49.998	49.998	33.35	0.231	0.05319	15502	26.227	79.094	0.984
13.6942	3.00267	50.001	50.002	50	33.45	0.242	0.020447	15502	28.169	71.964	0.986
13.6997	3.00776	49.999	50.003	49.997	33.57	0.231	0.022715	15502	30.4	63.686	0.983
13.6958	3.00438	50	50.001	49.998	33.57	0.234	0.0286	15502	31.91	55.253	0.983
13.6824	3.00083	49.995	49.992	50.002	33.35	0.228	0.01869	15502	31.94	55.673	0.983
13.6684	2.99849	49.998	50.002	49.997	33.26	0.237	0.020763	15502	31.95	53.142	0.983
13.6967	3.00685	49.999	50	49.999	33.19	0.231	0.026142	15502	32.169	51.421	0.983
13.6789	3.00021	49.999	49.997	50	32.94	0.232	0.029043	15502	32.289	53.414	0.983
13.6876	3.00613	49.999	49.998	49.996	33.33	0.239	0.02151	15502	31.48	53.85	0.982
13.6589	2.99267	50	49.999	50.003	33.36	0.228	0.004864	15502	30.33	56.769	0.981

13.6407	3.002	49.998	50.003	49.997	33.36	0.231	0.009186	15502	29.86	61.075	0.982
13.6782	3.00511	50	50.002	49.999	33.47	0.236	0.017348	15502	25.666	80.988	0.981
13.6733	2.99826	50.003	49.997	50	33.39	0.24	0.021843	15502	24.042	86.736	0.981
13.6639	3.00506	50.003	49.999	50.002	33.39	0.245	0.041252	15502	23.23	90.823	0.981
13.6857	3.0057	49.999	49.995	49.999	33.39	0.223	0.026958	15502	23.771	88.535	0.981
13.6761	3.00212	50.004	50	50.001	33.35	0.227	0.029949	15502	23.32	89.055	0.981
13.6487	2.99402	50	50.005	49.999	33.53	0.235	0.019572	15502	22.879	90.359	0.981
13.6817	3.00184	50.005	50	50	33.38	0.239	0.036963	15502	22.437	90.791	0.98
13.6857	3.00457	49.998	49.996	49.989	33.55	0.229	0.014209	15502	21.354	92.109	0.981
13.6433	2.98709	50.001	50.005	50	33.59	0.243	0.026835	15502	21.314	91.682	0.981
13.6829	3.00126	49.997	50	50.001	33.35	0.234	0.029812	15502	21.645	89.39	0.982
13.6453	2.99088	50.001	49.996	50.001	33.9	0.226	0.03312	15502	21.013	91.742	0.981
13.7045	3.00658	50	49.999	49.998	33.42	0.237	0.012731	15502	21.514	89.048	0.982
13.6691	2.99864	49.999	49.999	50.001	33.3	0.244	0.014144	15502	23.561	80.973	0.982
13.6127	2.99248	49.999	49.999	50.001	33.35	0.243	0.010475	15502	26.467	73.216	0.982
13.6902	2.99921	49.995	49.997	50.001	33.36	0.232	0.019784	15502	28.84	66.47	0.981
13.6677	3.00668	50.003	49.999	49.998	33.71	0.243	0.007605	15502	30.58	60.11	0.983
13.6713	2.99996	49.996	49.999	50	33.65	0.241	0.041509	15502	32.119	55.315	0.981
13.6463	2.99817	49.998	49.999	50	33.35	0.222	0.046114	15502	32.309	52.932	0.981
13.6367	2.99978	49.998	49.997	49.998	32.95	0.236	0.017727	15502	32.899	48.524	0.982
13.6828	3.0013	50.003	50.001	49.998	33.06	0.228	0.033479	15502	33.188	49.022	0.979
13.6901	3.00222	49.999	49.998	49.995	33.35	0.235	0.037193	15502	33.168	47.192	0.98
13.6565	2.99983	49.998	49.998	50	33.35	0.231	0.024305	15502	33.039	49.004	0.98
13.6618	3.00155	49.999	49.997	50.001	33.35	0.228	0.027002	15502	32.269	52.506	0.98
13.6904	3.00399	50.002	49.998	49.995	33.39	0.238	0.029997	15502	30.73	62.007	0.98
13.6613	2.99825	50.002	49.998	50.001	33.37	0.23	0.006783	15502	26.527	77.976	0.98
13.644	2.9956	49.998	50	49.999	33.38	0.244	0.037023	15502	24.804	86.192	0.981
13.6712	2.99645	50.003	50.005	50	33.35	0.243	0.014232	15502	24.002	89.124	0.98
13.6961	3.00388	49.995	49.999	49.999	33.51	0.236	0.0093	15502	23.601	91.906	0.981
13.6766	2.99945	50	50.004	50.002	33.36	0.244	0.017565	15502	22.949	92.793	0.98
13.6879	3.00115	50.002	50	50.001	33.37	0.237	0.019514	15502	22.698	90.386	0.981
13.708	3.00815	50.001	50.005	50	33.4	0.231	0.012752	15502	21.876	91.963	0.981
13.6615	2.99725	49.998	50.006	50	33.44	0.236	0.008333	15502	21.494	91.913	0.983
13.6845	3.00904	49.996	50.002	50.003	33.53	0.233	0.015738	15502	21.063	92.885	0.983

13.6578	3.00178	50.001	50	50.007	33.77	0.237	0.029724	15502	20.41	94.102	0.981
13.6675	3.00173	49.998	50.005	49.998	34.02	0.239	0.033021	15502	20.159	95.017	0.981
13.6803	3.00307	50	50	49.998	33.98	0.244	0.012694	15502	20.199	95.427	0.983
13.6881	3.00324	50.004	50	50.003	33.35	0.245	0.040755	15502	23.109	88.669	0.984
13.6671	2.99926	50.003	50.001	50	33.38	0.232	0.015666	15502	25.786	78.573	0.982
13.6506	2.99392	49.998	50.001	50.002	33.49	0.237	0.010238	15502	28.169	69.648	0.984
13.6711	2.99869	49.997	50.001	50	33.57	0.227	0.011374	15502	29.81	64.701	0.983
13.6378	2.9904	49.999	49.998	49.998	33.71	0.238	0.02148	15502	31.88	58.378	0.983
13.6698	3.00098	49.996	49.999	50.001	33.26	0.243	0.014037	15502	32.349	55.475	0.983
13.6702	2.99778	50	50.003	50.001	32.73	0.235	0.045069	15502	33.278	52.251	0.983
13.6654	3.0005	50.002	50.002	49.998	33.04	0.234	0.029452	15502	34.676	45.319	0.983
13.6792	3.00049	49.996	50.002	49.999	32.95	0.226	0.055624	15502	33.648	51.615	0.98
13.6837	3.0058	49.999	50	50.001	33.37	0.225	0.021382	15502	33.888	50.598	0.981
13.6648	3.00094	50.003	50.007	49.998	33.44	0.231	0.02096	15502	33.798	50.649	0.981
13.686	3.0034	50.001	49.999	49.999	33.37	0.235	0.015523	15502	30.13	71.214	0.983
13.6593	2.99574	50.003	49.998	49.997	33.41	0.235	0.017246	15502	27.228	82.996	0.982
13.6655	2.99817	49.996	50.002	50.001	33.48	0.232	0.03257	15502	26.207	82.512	0.981
13.6689	2.99942	49.999	50.002	50.001	33.41	0.239	0.01252	15502	25.155	84.612	0.983
13.6371	2.98679	49.998	49.998	49.998	33.36	0.231	0.040198	15502	23.831	86.958	0.984
13.6473	2.99919	50.004	49.998	50.001	33.37	0.231	0.013634	15502	23.37	86.776	0.983
13.6655	2.99956	49.997	49.998	49.998	33.4	0.239	0.015147	15502	22.728	86.33	0.983
13.6956	3.00057	50	50	49.999	33.88	0.228	0.028607	15502	21.936	92.442	0.983
13.6998	3.00475	50	50	50.004	33.38	0.238	0.018694	15502	21.434	94.774	0.985
13.6711	2.99649	50.002	50.002	50	33.42	0.234	0.012217	15502	21.575	94.813	0.985
13.6669	3.00302	49.997	50.002	50.001	33.55	0.233	0.013572	15502	21.605	94.593	0.983
13.6894	3.00176	49.999	50.003	50.003	33.66	0.241	0.025632	15502	21.615	93.735	0.986
13.6406	2.99683	49.995	50.006	50.005	33.55	0.248	0.028476	15502	22.498	88.856	0.985
13.6623	2.9997	50	49.997	49.998	33.42	0.246	0.031635	15502	23.731	83.758	0.985
13.6699	3.00421	49.998	50.002	49.996	33.39	0.23	0.035145	15502	24.383	84.108	0.986
13.6581	3.00049	49.998	49.998	50.001	33.35	0.232	0.026029	15502	25.385	78.037	0.986
13.6792	3.00237	49.999	50	50.003	33.3	0.231	0.049159	15502	26.056	77.96	0.986
13.6742	2.99732	50	49.997	49.998	33.35	0.232	0.032125	15502	27.078	71.958	0.987
13.6573	2.99431	49.998	49.999	49.999	33.44	0.231	0.060671	15502	26.777	75.907	0.987
13.6793	3.00432	49.996	49.998	50.001	33.35	0.246	0.039648	15502	28.219	70.06	0.987

13.6338	2.99155	50.006	49.999	50.002	33.34	0.234	0.044047	15502	27.969	70.53	0.985
13.6634	2.99608	49.998	50.006	49.996	33.27	0.233	0.032623	15502	28.739	69.722	0.986
13.6637	2.99787	50.005	50	50.007	33.35	0.229	0.036242	15502	26.968	76.983	0.985
13.685	2.999	50.005	50.001	49.997	33.31	0.247	0.023684	15502	26.777	74.723	0.984
13.6642	2.99358	49.998	50.001	50.003	33.35	0.23	0.02982	15502	25.706	80.994	0.985
13.6732	2.99871	50.003	49.989	49.997	33.35	0.234	0.017194	15502	23.781	88.001	0.985
13.6835	3.00282	50	50	50.003	33.5	0.234	0.007491	15502	22.768	91.535	0.986
13.6448	2.99445	50	50.001	50.001	33.6	0.234	0.024051	15502	23.28	85.294	0.985
13.6529	2.99413	49.998	49.995	50.004	33.37	0.243	0.009245	15502	23.16	85.687	0.986
13.6632	2.99962	49.996	50.004	50.001	33.45	0.24	0.017461	15502	22.377	89.402	0.984
13.6602	3.00179	50.002	50.002	49.998	33.47	0.243	0.006712	15502	22.116	91.652	0.986
13.652	2.9903	50.002	50.001	50	33.68	0.243	0.012676	15502	22.066	93.029	0.984
13.6726	3.0024	50.001	50.004	50.001	33.68	0.233	0.040699	15502	21.876	93.163	0.984
13.6503	2.99478	50	50	50	33.51	0.245	0.026597	15502	21.996	94.786	0.984
13.6529	2.99758	50	50	50.002	33.43	0.233	0.145166	15502	22.959	89.64	0.985
13.6539	2.99847	50	50	49.998	33.38	0.238	0.055803	15502	22.969	87.079	0.985
13.7058	3.00829	50.002	49.998	49.998	33.35	0.237	0.021451	15502	22.417	87.967	0.984
13.6433	3.00121	49.996	50.001	50.001	33.35	0.231	0.040513	15502	24.243	82.027	0.984
13.7003	3.00514	50	49.997	49.996	33.33	0.246	0.076513	15502	26.817	73.033	0.985
13.6887	3.0038	49.997	49.999	49.998	33.55	0.232	0.033334	15502	29.71	63.633	0.986
13.6443	2.99236	50.002	49.999	50	33.6	0.238	0.062954	15502	31.37	57.895	0.985
13.711	3.01137	50.002	50.003	50.001	33.43	0.228	0.04114	15502	32.909	50.076	0.984
13.6718	2.99946	49.998	50	49.997	33.15	0.238	0.026885	15502	33.428	47.323	0.985
13.6659	2.99539	49.999	49.995	49.998	32.84	0.233	0.057545	15502	33.668	44.931	0.983
13.6709	3.0002	50	50.002	49.998	32.87	0.228	0.022121	15502	34.277	41.379	0.984
13.6518	3.00336	50.003	49.999	49.996	33.28	0.243	0.041777	15502	35.145	41.057	0.983
13.6605	2.998	49.996	49.999	49.999	33.35	0.242	0.052601	15502	34.806	39.774	0.983
13.6621	2.99893	49.995	49.998	49.996	33.35	0.226	0.087654	15502	34.187	42.47	0.981
13.6959	3.00438	49.996	49.993	49.998	33.35	0.226	0.038188	15502	31.28	51.985	0.981
13.6497	2.99074	49.998	50.003	49.997	33.35	0.235	0.008635	15502	26.467	72.518	0.983
13.6612	2.997	49.997	50.001	50.005	33.37	0.245	0.047131	15502	24.553	81.554	0.982
13.684	3.0066	50.003	50.003	50.001	33.35	0.235	0.05236	15502	23.089	87.252	0.983
13.6778	3.00149	50.003	49.998	50	33.35	0.242	0.058169	15502	25.385	72.369	0.983
13.6566	3.00109	50	49.998	49.999	33.34	0.234	0.025342	15502	25.335	70.446	0.982

13.7001	3.00624	50.001	50.007	50.003	33.35	0.238	0.081364	15502	24.784	73.616	0.981
13.6645	2.99772	49.997	50.001	49.992	33.35	0.237	0.053171	15502	24.232	75.833	0.982
13.6669	2.99826	49.999	49.998	49.999	33.35	0.233	0.034747	15502	24.052	76.69	0.981
13.6451	2.99206	49.999	49.997	49.997	33.35	0.233	0.013357	15502	24.052	77.174	0.981
13.6889	3.00299	50.006	50	50.002	33.35	0.242	0.014839	15502	23.972	78.464	0.982
13.6666	2.99875	49.997	50.001	50	33.34	0.231	0.053994	15502	23.952	80.826	0.982
13.6409	2.99949	49.997	50.002	50	33.38	0.235	0.059985	15502	24.192	80.878	0.983
13.6492	2.99312	49.997	49.999	50.003	33.33	0.246	0.0392	15502	24.994	77.579	0.983
13.671	2.99733	49.998	50.001	50.004	33.34	0.243	0.015069	15502	26.166	74.794	0.983
13.6726	3.00156	49.998	50	50.004	33.36	0.231	0.04838	15502	28.389	66.834	0.983
13.6985	3.01259	49.995	50.004	50.003	33.52	0.231	0.012398	15502	26.948	74.59	0.983
13.6605	2.99902	49.995	49.999	50	33.35	0.232	0.008102	15502	28.789	67.959	0.984
13.6838	3.00287	50.002	50.001	50.002	33.36	0.231	0.026014	15502	29.71	62.757	0.981
13.6932	3.00675	49.999	50.002	50	33.35	0.243	0.094656	15502	31.88	55.377	0.981
13.6685	3.00106	49.999	50.003	50.001	33.35	0.225	0.061857	15502	29.87	65.07	0.98
13.6641	2.99857	49.997	50.007	49.998	33.22	0.239	0.023778	15502	29.12	68.746	0.981
13.6879	3.00045	49.998	49.998	50	32.92	0.231	0.029939	15502	30.5	64.365	0.98
13.6434	3.00019	49.992	49.997	50	32.94	0.239	0.056542	15502	27.879	70.512	0.982
13.6424	2.99409	49.998	50.002	50.001	32.83	0.232	0.021735	15502	27.028	73.493	0.981
13.6432	2.99329	49.994	50	49.999	32.91	0.235	0.009469	15502	25.475	82.584	0.981
13.6891	3.00592	50.003	49.997	49.996	32.86	0.231	0.030402	15502	24.684	85.288	0.981
13.6645	2.99975	50	50.001	49.999	33.21	0.228	0.019868	15502	23.651	89.376	0.981
13.6486	2.99894	50.002	50.003	50.002	33.35	0.234	0.007637	15502	23.19	91.57	0.982
13.6692	2.99995	50.003	50.003	49.999	33.35	0.23	0.014424	15502	23.28	90.767	0.981
13.6756	2.99978	50.001	50.002	50.002	33.39	0.23	0.016024	15502	22.768	92.654	0.981
13.6523	2.99285	50.003	50.002	50.003	33.44	0.235	0.017802	15502	23.641	89.422	0.982
13.689	3.00301	49.997	50	49.998	33.3	0.231	0.038104	15502	23.681	88.949	0.981
13.7072	3.00839	50.002	49.999	50.004	33.35	0.236	0.0249	15502	23.841	87.771	0.98
13.6803	3.00546	49.999	50.002	50.001	33.35	0.23	0.009572	15502	24.032	85.814	0.98
13.6836	3.00192	50.001	50.001	49.999	33.35	0.231	0.030732	15502	24.122	85.31	0.98
13.6524	2.9945	49.999	49.998	50.003	33.35	0.23	0.022761	15502	24.152	85.417	0.98
13.6561	2.99463	50	50.001	49.999	33.35	0.244	0.014874	15502	24.303	85.802	0.979
13.6585	2.99891	50.001	50.002	49.995	33.34	0.232	0.016524	15502	25.826	80.019	0.978
13.688	3.00461	50.002	50.002	50.003	33.35	0.238	0.090191	15502	28.93	69.09	0.978

13.6511	2.99795	50.001	50	49.999	33.35	0.233	0.039293	15502	28.559	68.618	0.978
13.6831	3.00388	50.004	49.996	49.997	34.04	0.233	0.015105	15502	23.2	91.573	0.979
13.6622	2.9938	50.002	50	50.002	33.64	0.227	0.009871	15502	23.26	93.75	0.977
13.6466	2.99466	50.003	49.997	49.999	33.74	0.23	0.010966	15502	23.561	91.734	0.977
13.6955	3.00328	50.002	50.001	50	33.53	0.237	0.02071	15502	23.561	93.459	0.978
13.6615	3.00084	50	50.002	49.997	33.6	0.228	0.013534	15502	24.263	90.009	0.978
13.6724	2.99974	50.003	50	49.998	33.65	0.242	0.010024	15502	24.192	90.037	0.978
13.674	3.00555	50.003	50.002	50.002	33.84	0.224	0.018931	15502	23.982	90.822	0.977
13.6387	2.99496	49.998	50	50.001	33.93	0.228	0.004281	15502	23.541	92.385	0.978
13.6752	2.9972	49.999	50.003	49.996	33.9	0.23	0.008084	15502	23.38	90.268	0.979
13.6879	3.01024	49.998	50.003	49.997	33.8	0.243	0.003108	15502	22.357	89.397	0.98
13.6585	2.98979	49.998	50	50	34.04	0.248	0.014967	15502	21.153	92.817	0.98
13.6991	3.00886	50.002	50.006	50	34.06	0.24	0.009781	15502	20.671	94.393	0.98
13.6799	3.00185	49.996	50.008	50	34.05	0.228	0.010866	15502	20.23	95.236	0.981
13.6674	2.99419	50	50.004	50.002	34.06	0.236	0.020521	15502	19.868	95.579	0.98
13.7172	3.00635	50.002	49.997	50.004	34.07	0.23	0.01341	15502	19.667	95.901	0.979
13.6292	2.99271	49.999	49.999	50.003	34.03	0.232	0.008764	15502	19.456	96.063	0.981
13.6867	3.00643	50	49.998	50.002	34.03	0.23	0.016551	15502	19.265	96.273	0.98
13.6684	2.99826	50	50	50.003	34.2	0.23	0.031258	15502	18.834	96.373	0.983
13.6554	3.00221	50.002	50.002	49.996	34.09	0.249	0.012016	15502	18.633	96.424	0.982
13.6651	2.99676	49.996	50.004	50.002	33.96	0.227	0.013349	15502	18.522	95.505	0.981
13.7068	3.00727	50.005	49.998	50	34.08	0.245	0.025211	15502	19.105	90.151	0.983
13.6478	2.99945	49.999	49.998	49.998	33.99	0.228	0.018672	15502	20.43	87.152	0.983
13.6415	2.99577	50.001	49.998	50.002	33.47	0.247	0.035264	15502	22.538	74.384	0.984
13.6723	2.99712	50.001	50.001	50.004	33.57	0.234	0.023045	15502	23.4	69.864	0.985
13.6938	3.00328	50.002	49.994	49.999	33.59	0.226	0.025601	15502	23.902	65.011	0.984
13.6376	2.99058	50.003	50.001	50.004	33.63	0.235	0.048351	15502	25.044	61.732	0.983
13.6558	2.99609	49.996	50.003	49.997	33.57	0.235	0.031597	15502	26.287	53.294	0.983
13.6635	2.99379	49.997	49.999	49.998	34	0.246	0.035103	15502	27.208	45.382	0.981
13.6943	3.00831	50.005	50	49.998	33.75	0.23	0.075134	15502	27.639	41.686	0.981
13.6688	3.00426	49.998	50.001	50.002	33.96	0.243	0.01699	15502	27.468	39.462	0.981
13.6558	2.99789	50.002	50.003	50.003	34.04	0.243	0.036365	15502	27.498	40.248	0.981
13.6419	2.99187	49.999	50.003	50	34.02	0.242	0.023764	15502	22.939	63.147	0.982
13.6719	3.00243	50.003	50	50.004	34.7	0.238	0.01553	15502	18.612	84.289	0.983

13.6819	3.00088	49.997	50	49.991	34.72	0.241	0.00597	15502	17.246	90.286	0.982
13.6594	2.9965	50	49.998	49.997	34.72	0.242	0.032583	15502	16.16	91.151	0.983
13.6676	2.99481	50.001	50.001	50	34.59	0.246	0.012525	15502	15.617	93.285	0.981
13.6526	2.99545	49.998	49.997	49.998	34.08	0.236	0.023655	15502	15.003	93.145	0.983
13.7103	3.01265	50.001	50.001	50	33.51	0.249	0.009093	15502	14.55	94.003	0.982
13.6558	2.99397	50.004	50.001	49.999	33.35	0.236	0.017174	15502	14.218	94.691	0.982
13.712	3.01498	50.001	50.004	50.002	33.22	0.238	0.011223	15502	13.956	95.303	0.983
13.6732	3.00762	50.004	50.003	50.002	32.62	0.237	0.002538	15502	13.252	95.385	0.981
13.6626	3.0007	49.998	49.999	50.006	32.7	0.247	0.023547	15502	13.795	95.85	0.983
13.6716	3.00149	49.999	49.999	50.001	33.34	0.233	0.01744	15502	14.097	95.936	0.983
13.6887	3.00261	50.005	49.999	49.999	34.03	0.251	0.011397	15502	14.772	95.482	0.981
13.6633	2.99556	50.001	50	50.002	34.03	0.237	0.105747	15502	17.517	87.033	0.981
13.6715	3.00107	50	49.999	49.997	34	0.24	0.014066	15502	19.296	78.688	0.983
13.6992	3.00416	49.999	50	50.002	33.71	0.228	0.04516	15502	22.036	72.892	0.981
13.6533	2.99796	49.995	49.996	49.995	33.43	0.23	0.01736	15502	23.942	64.461	0.982
13.6981	3.01066	50.006	50.001	49.998	33.57	0.233	0.055736	15502	24.212	65.618	0.981
13.6598	3.00292	50.004	50.008	50	33.9	0.24	0.036423	15502	21.043	66.257	0.982
13.6753	2.99975	50.002	50.002	50.002	33.37	0.249	0.009334	15502	15.546	94.054	0.983
13.6921	3.00135	50.002	49.997	49.999	33.55	0.246	0.050947	15502	18.341	91.457	0.98
13.6854	3.00189	49.999	50.004	50.004	33.99	0.237	0.019585	15502	18.361	86.277	0.98
13.701	3.00202	50.002	50	49.997	33.87	0.238	0.012798	15502	18.472	87.596	0.98
13.6604	2.99255	49.999	50.003	49.997	33.94	0.232	0.008364	15502	18.743	87.709	0.98
13.6687	2.99836	50.001	50	50.006	33.73	0.228	0.026853	15502	18.371	88.688	0.979
13.6962	3.00945	49.999	49.995	49.998	34.42	0.234	0.011699	15502	16.793	93.374	0.981
13.7082	3.00509	50.001	50.003	49.998	34.71	0.241	0.007645	15502	15.788	94.878	0.979
13.6418	2.99925	50	50.002	50.003	34.41	0.239	0.014439	15502	15.204	95.472	0.98
13.6612	3.00554	49.998	50	50.002	34.1	0.236	0.009436	15502	15.385	95.863	0.98
13.6691	3.00386	49.999	50.001	49.997	34.04	0.239	0.003627	15502	15.214	96.159	0.983
13.6569	2.99778	50.001	50.001	50.001	34.25	0.236	0.00685	15502	15.053	96.281	0.982
13.6814	3.00042	50.003	49.997	50.001	34.8	0.234	0.00761	15502	15.033	96.127	0.981
13.6849	3.00011	50	50.001	50.003	35	0.235	0.014372	15502	16.089	96.396	0.979
13.6731	2.99962	50.001	50	49.999	34.73	0.251	0.010645	15502	16.773	95.985	0.981
13.6625	2.9946	49.996	50.007	50	34.59	0.228	0.006956	15502	16.834	95.787	0.982
13.6701	3.00356	50.003	49.997	50.004	34.82	0.238	0.007728	15502	16.331	95.585	0.982

13.6884	3.01082	49.997	49.995	50.003	34.72	0.238	0.014595	15502	15.828	94.716	0.983
13.6339	2.99424	49.999	50.001	49.999	34.74	0.235	0.009538	15502	15.747	94.238	0.983
13.6679	2.9985	49.997	49.999	50	34.03	0.238	0.018013	15502	16.994	91.16	0.983
13.6891	3.00717	50.004	50.002	49.999	34.04	0.232	0.020012	15502	17.035	88.168	0.984
13.671	3.00359	49.996	50.005	50.001	34.03	0.233	0.037794	15502	18.823	83.548	0.982
13.6851	3.00138	49.999	49.998	50.003	33.85	0.236	0.014528	15502	19.627	77.821	0.981
13.6867	3.00464	50	50.002	50.003	33.62	0.232	0.031097	15502	20.922	66.835	0.982
13.649	2.99332	49.997	49.997	49.999	33.46	0.236	0.034547	15502	22.538	59.505	0.983
13.6383	2.99705	49.998	50.003	50.005	33.76	0.235	0.038379	15502	21.715	55.332	0.983
13.701	3.005	50.004	49.999	49.997	33.67	0.237	0.025081	15502	20.792	56.24	0.982
13.6756	3.00518	50	49.998	50.003	33.96	0.227	0.027863	15502	18.823	61.238	0.982
13.6572	2.99565	50.004	50.003	50.001	33.85	0.234	0.018208	15502	18.381	64.935	0.984
13.6661	2.9972	49.998	49.997	50.005	34.04	0.24	0.011899	15502	16.371	71.122	0.985
13.7013	3.00572	49.998	50	50	34.04	0.237	0.013219	15502	13.926	84.869	0.982
13.6841	3.00717	50.001	49.995	50.002	33.42	0.246	0.005082	15502	12.93	88.383	0.985
13.6506	2.99741	49.999	50	50.002	33.35	0.241	0.01849	15502	14.107	84.888	0.985
13.6781	2.99516	50	49.999	50	33.16	0.251	0.012083	15502	13.212	86.816	0.985
13.6729	3.00281	50.004	50	50	32.87	0.245	0.013424	15502	13.222	88.409	0.985
13.6799	3.00027	49.997	50.001	50.003	32.69	0.236	0.008773	15502	12.97	87.429	0.987
13.6822	3.00452	49.997	50.001	50.004	31.97	0.236	0.016568	15502	12.023	89.56	0.985
13.6591	2.99679	50.002	50.003	49.995	31.12	0.249	0.018406	15502	11.54	87.147	0.984
13.6481	2.99895	49.998	49.999	49.999	30.86	0.239	0.004717	15502	11.59	87.548	0.983
13.6611	2.99326	50	50.003	49.999	30.81	0.239	0.00524	15502	11.519	87.096	0.984
13.66	3.00015	50.005	50.004	49.998	30.26	0.237	0.019068	15502	10.794	89.558	0.983
13.7061	3.00688	49.998	49.999	50	30.08	0.237	0.012461	15502	11.026	90.522	0.985
13.6594	2.99824	49.999	50.004	50.007	31.17	0.239	0.013843	15502	12.456	85.862	0.986
13.6978	3.00488	49.995	50.004	50	32.68	0.244	0.010253	15502	14.057	79.698	0.986
13.6789	3.00009	49.997	50.001	50.005	33.65	0.239	0.055959	15502	17.336	61.64	0.985
13.6949	3.0035	49.998	50.001	50.004	34.05	0.237	0.036569	15502	17.145	52.803	0.987
13.6633	3.00313	49.998	49.998	49.997	33.91	0.249	0.014057	15502	19.306	51.645	0.985
13.6812	2.99891	49.997	49.996	50.002	33.79	0.233	0.017699	15502	19.105	49.484	0.984
13.6803	3.00564	49.997	49.996	50.004	33.68	0.232	0.033427	15502	19.386	42.368	0.985
13.6691	2.99856	49.996	50.001	50	33.75	0.231	0.01285	15502	19.958	39.049	0.983
13.6786	2.9993	50.001	50.003	50.001	33.69	0.232	0.046756	15502	20.23	38.205	0.983

13.672	3.00536	50.004	50.001	50.002	33.88	0.249	0.030555	15502	20.089	42.217	0.984
13.6796	2.99639	50.001	49.999	49.999	34.05	0.234	0.019967	15502	17.979	47.595	0.983
13.661	2.99736	49.999	49.998	49.996	34.04	0.239	0.014788	15502	15.868	56.804	0.984
13.6432	2.99833	50.004	50	49.997	33.52	0.229	0.009664	15502	12.849	72.211	0.983
13.6642	2.99979	49.997	50.001	49.998	31.97	0.242	0.010736	15502	11.298	84.65	0.983
13.6701	3.00159	49.996	49.999	49.999	30.59	0.247	0.011927	15502	10.441	87.628	0.983
13.6856	2.99695	50.001	50	50.004	29.65	0.253	0.007795	15502	9.725	89.859	0.985
13.6932	3.00106	49.996	49.996	49.998	28.97	0.255	0.009814	15502	9.07	92.939	0.985
13.6992	3.00175	49.998	49.999	50.003	28.53	0.242	0.018534	15502	8.818	94.109	0.983
13.6629	2.99441	50	50.004	49.996	28.28	0.237	0.007125	15502	8.455	94.711	0.984
13.673	3.00626	50.002	50.005	50	27.84	0.239	0.005277	15502	7.749	94.985	0.984
13.6681	3.00259	49.999	49.999	50.001	27.28	0.245	0.005862	15502	7.527	95.268	0.982
13.6826	3.00501	49.997	50.004	50.001	27.13	0.242	0.006513	15502	7.204	95.299	0.984
13.6596	3.00063	50	49.999	50.003	27.01	0.241	0.0123	15502	7.405	94.511	0.982
13.6679	2.99603	50.003	50.001	50.003	26.69	0.249	0.013664	15502	7.809	91.652	0.983
13.647	2.99854	50.001	50.001	50.004	27.43	0.238	0.00893	15502	10.461	84.615	0.984
13.6652	2.9954	49.998	50.003	49.998	33.16	0.234	0.028669	15502	15.446	71.405	0.985
13.6645	2.9964	50	49.999	50.002	33.99	0.233	0.018735	15502	17.839	60.315	0.985
13.659	2.99963	49.998	50.002	49.998	33.85	0.23	0.040101	15502	19.748	45.505	0.985
13.6828	2.99871	49.997	50.006	50.003	33.94	0.238	0.04455	15502	20.169	41.268	0.985
13.6774	2.99581	49.996	50.007	50.003	33.92	0.247	0.049493	15502	21.595	37.534	0.985
13.675	3.00436	49.996	50.001	50.007	33.73	0.235	0.032343	15502	22.167	40.019	0.983
13.6713	3.00432	50	49.997	50.002	33.89	0.234	0.061084	15502	22.247	42.161	0.983
13.6503	2.99853	49.999	50.002	50.004	33.5	0.231	0.023481	15502	22.809	35.507	0.983
13.653	3.00381	49.997	50.002	50.001	33.75	0.241	0.009026	15502	22.478	37.827	0.982
13.7104	3.00937	50.001	49.998	50.002	33.91	0.238	0.01932	15502	22.297	37.537	0.981
13.6861	3.00504	50.004	50.004	50.005	34	0.236	0.036488	15502	20.159	47.84	0.982
13.6793	2.99862	49.997	49.999	50.002	34.52	0.235	0.023845	15502	15.043	73.703	0.981
13.6786	3.00562	49.998	50.004	49.997	33.63	0.231	0.039735	15502	13.916	79.743	0.983
13.7003	3.00404	50.001	49.997	49.998	32.66	0.236	0.015275	15502	12.547	87.115	0.981
13.6614	2.99207	49.996	49.996	50.004	31.8	0.232	0.016969	15502	11.973	87	0.983
13.666	3.00379	50	50.001	50.001	31.03	0.242	0.054482	15502	11.993	86.777	0.982
13.6499	2.99766	49.998	49.997	50.004	30.6	0.234	0.060526	15502	12.204	83.368	0.981
13.6834	2.99903	49.996	50	49.999	30.6	0.238	0.026369	15502	12.698	80.566	0.981

13.6753	2.99858	50	49.997	50.003	30.41	0.253	0.029294	15502	12.809	78.474	0.984
13.6267	2.99485	49.999	50	50	30.6	0.235	0.032544	15502	13.443	74.771	0.984
13.6476	2.99474	50.003	50.002	50	30.68	0.251	0.036155	15502	13.524	75.85	0.983
13.6446	2.99931	49.998	50.003	49.998	30.68	0.231	0.045522	15502	13.514	77.589	0.982
13.6732	3.00569	50.006	50	50.001	31.27	0.246	0.085972	15502	14.279	76.084	0.985
13.7005	3.00448	49.999	50.004	49.999	32.27	0.244	0.006727	15502	15.345	74.028	0.984
13.6723	2.99728	49.999	50	49.998	34	0.236	0.012704	15502	17.195	69.334	0.986
13.6562	2.99167	49.995	50.005	49.996	33.54	0.239	0.008302	15502	20.701	60.033	0.986
13.6701	2.99927	49.998	49.999	50.001	33.73	0.231	0.015679	15502	23.621	51.189	0.986
13.6864	3.00348	50	50	49.996	33.51	0.247	0.029612	15502	26.737	42.764	0.984
13.6972	3.00824	50	49.996	49.999	33.45	0.238	0.021932	15502	27.919	38.79	0.985
13.6506	2.99617	50	49.999	50.001	33.36	0.228	0.070414	15502	28.94	37.654	0.985
13.6904	3.00558	50.001	49.999	49.997	33.4	0.228	0.015922	15502	29.45	37.566	0.984
13.6929	3.00556	50.001	50.001	50.005	33.39	0.228	0.020047	15502	29.93	35.594	0.983
13.6647	2.99442	50.001	50	50.002	33.41	0.238	0.022271	15502	29.47	36.908	0.984
13.6742	3.00462	50.001	49.995	49.998	33.42	0.232	0.042061	15502	28.259	39.51	0.983
13.6498	2.99408	50.001	50.001	49.996	33.5	0.231	0.046728	15502	26.076	48.197	0.984
13.6762	3.00083	50.001	50.002	50.004	34	0.24	0.051912	15502	24.343	52.489	0.984
13.658	2.99732	50.005	49.995	50	33.84	0.231	0.011738	15502	23.36	56.496	0.984
13.6891	3.00042	50.001	49.995	49.996	33.92	0.233	0.042713	15502	21.846	63.73	0.984
13.6939	3.00535	49.999	50.002	50.003	34.01	0.242	0.027913	15502	20.962	66.726	0.987
13.676	2.99588	50.003	49.996	49.995	34.06	0.244	0.018241	15502	20.4	69.732	0.987
13.674	3.00688	49.997	50.004	50.001	34.1	0.238	0.007012	15502	19.978	70.626	0.986
13.6862	3.00479	49.999	50	50.002	34.52	0.229	0.022513	15502	19.557	71.895	0.989
13.6443	2.99815	50.002	49.999	49.998	33.93	0.24	0.02501	15502	19.115	73.844	0.989
13.7157	3.00613	50.003	49.997	50.003	34.09	0.235	0.016344	15502	18.643	74.822	0.989
13.6618	3.00109	49.998	50	49.999	34.04	0.246	0.034983	15502	18.351	75.559	0.989
13.6747	2.99904	50.005	50.001	50.004	34.78	0.24	0.022861	15502	18.12	73.056	0.99
13.6349	2.99578	50	49.998	50	34.81	0.243	0.038096	15502	17.728	75.539	0.989
13.6751	3.00476	50	49.999	50.003	34.04	0.236	0.028215	15502	19.265	68.265	0.99
13.6533	3.00108	50	49.996	50.003	33.66	0.243	0.031346	15502	21.253	60.056	0.99
13.6964	3.00559	49.995	50.001	50.002	33.61	0.236	0.034823	15502	24.633	51.133	0.99
13.7213	3.01012	50.003	49.993	49.996	33.67	0.233	0.022757	15502	26.637	46.107	0.99
13.6677	3.00067	50.003	50	49.998	33.66	0.232	0.073063	15502	27.959	40.772	0.987

13.6778	2.99485	50	49.997	50.002	33.42	0.239	0.047747	15502	28.97	35.678	0.989
13.6578	3.00034	50	49.994	49.998	33.59	0.231	0.035362	15502	29.49	32.314	0.987
13.656	3.00577	50.004	50	50.002	33.68	0.229	0.039286	15502	29.98	27.331	0.987
13.7021	3.00602	49.998	50.005	49.999	33.51	0.232	0.074195	15502	30.57	29.546	0.989
13.6318	2.9899	49.997	49.997	50.001	33.52	0.226	0.028521	15502	29.84	30.169	0.989
13.6763	3.0085	49.999	50.001	50.001	33.84	0.236	0.061047	15502	28.549	31.416	0.986
13.6456	2.99686	50	50.004	50.009	34.02	0.236	0.013804	15502	24.804	40.806	0.987
13.6335	2.99152	49.996	50	50.004	34.04	0.234	0.04432	15502	21.524	51.79	0.987
13.6667	3.00213	50	50	50.001	34.1	0.233	0.017037	15502	18.321	67.083	0.989
13.6577	2.99909	49.998	50.001	49.998	35.09	0.239	0.018927	15502	16.391	83.07	0.989
13.6419	2.9975	50.001	50	49.998	34.83	0.237	0.007276	15502	15.737	87.453	0.99
13.6483	2.99495	50.002	50.004	50.001	34.7	0.237	0.013741	15502	15.788	85.353	0.99
13.6586	3.0009	50.002	49.997	50.002	34.04	0.24	0.00898	15502	14.721	88.621	0.99
13.6722	3.00175	49.999	49.999	50.002	33.37	0.232	0.02883	15502	14.077	90.461	0.99
13.67	2.99756	50.003	49.995	50.002	33.35	0.251	0.054449	15502	15.224	83.609	0.987
13.6442	2.99648	50.002	49.995	50.001	33.59	0.24	0.035582	15502	17.577	72.816	0.989
13.6883	2.99457	49.997	50	49.999	33.95	0.246	0.03953	15502	17.206	73.119	0.99
13.6616	2.99958	50	49.999	50.003	33.58	0.239	0.029277	15502	14.913	83.002	0.991
13.6484	2.99598	50	50	50.001	33.29	0.24	0.00662	15502	14.45	85.966	0.99
13.673	3.00056	49.999	50.001	50	33.93	0.251	0.061427	15502	17.648	74.622	0.991
13.6913	3.00389	50.005	50	50.002	33.59	0.236	0.040142	15502	21.595	60.05	0.991
13.66	2.99351	50	50.001	50	33.57	0.232	0.075812	15502	24.222	55.416	0.991
13.6778	3.00205	49.999	50.002	49.999	33.55	0.247	0.084223	15502	27.188	49.635	0.989
13.6588	2.99689	50.003	50.003	50.003	33.55	0.235	0.106043	15502	28.589	44.812	0.99
13.6608	2.99815	50.005	49.997	50	33.37	0.234	0.117807	15502	29.34	41.397	0.989
13.6474	2.99462	50	49.999	50	33.43	0.231	0.051324	15502	29.69	39.658	0.986
13.6484	2.99372	49.997	50.002	49.997	33.48	0.232	0.096931	15502	30.61	38.582	0.986
13.6799	3.00272	49.995	50	49.998	33.43	0.244	0.063344	15502	30.62	38.445	0.985
13.6892	3.00693	50	49.999	50.003	33.44	0.228	0.046914	15502	30.51	37.532	0.986
13.6243	2.98971	49.998	50.003	49.997	33.47	0.234	0.052119	15502	29.36	40.513	0.986
13.6777	3.00283	49.997	49.999	49.996	33.62	0.241	0.098432	15502	26.517	46.553	0.985
13.6839	3.00147	50.001	49.996	49.996	33.96	0.246	0.013093	15502	22.568	60.353	0.984
13.6506	2.99417	49.998	50.001	49.998	34.04	0.237	0.071462	15502	22.738	55.573	0.987
13.7029	3.00417	49.999	50.005	50	34.04	0.242	0.02747	15502	22.728	54.952	0.985

13.6793	3.0078	50	50.003	50.001	33.95	0.232	0.017952	15502	21.294	61.045	0.986
13.6545	2.99262	49.999	49.998	49.997	34.08	0.229	0.057637	15502	20.701	65.334	0.985
13.702	3.00487	50.003	49.993	49.998	33.9	0.232	0.022156	15502	20.039	69.498	0.985
13.6882	3.00861	49.997	49.998	50.002	33.98	0.243	0.024614	15502	19.245	74.836	0.986
13.6682	2.99599	49.996	50.002	49.998	34.42	0.229	0.079026	15502	18.854	78.259	0.985
13.6709	2.99915	49.998	49.997	50.001	34.04	0.235	0.051643	15502	17.909	82.35	0.983
13.6606	2.99404	50	49.999	50.001	34.16	0.241	0.033749	15502	17.175	86.187	0.985
13.671	3.00536	49.997	50.004	50.005	34.56	0.244	0.037493	15502	18.502	81.98	0.983
13.6933	3.01111	50	50	49.995	34.04	0.25	0.120376	15502	19.125	79.58	0.983
13.6699	3.00354	50.004	50	50.003	33.85	0.242	0.02722	15502	20.42	74.48	0.985
13.6701	3.0034	49.997	50.003	49.998	33.41	0.238	0.03024	15502	22.999	66.976	0.983
13.6402	2.99622	50.002	49.996	50.003	33.43	0.24	0.05711	15502	25.996	60.288	0.983
13.6723	3.00006	49.999	49.998	49.994	33.49	0.231	0.107859	15502	28.269	55.78	0.982
13.6917	3.00179	49.998	49.995	49.998	33.41	0.234	0.024389	15502	29.73	51.65	0.983
13.6546	3.00381	50.003	50	50.002	33.36	0.235	0.078305	15502	30.29	50.948	0.982
13.664	3.003	50.001	49.999	50.002	33.37	0.223	0.030101	15502	30.27	52.077	0.98
13.6918	3.0035	49.999	50.002	50.002	33.43	0.226	0.056849	15502	30.59	51.439	0.981
13.6681	3.00602	50	49.998	49.999	33.37	0.225	0.021853	15502	29.67	54.401	0.979
13.7016	3.00916	49.998	49.997	49.999	33.39	0.238	0.041272	15502	30.33	53.083	0.978
13.6694	3.00591	49.997	50.007	50.008	33.39	0.244	0.030567	15502	27.829	61.609	0.979
13.6915	3.00639	49.997	49.997	50	33.56	0.244	0.019976	15502	27.218	62.114	0.979
13.6762	3.00302	50.007	49.999	49.998	33.37	0.246	0.064134	15502	27.118	61.402	0.977
13.6593	2.99925	49.998	49.999	50.001	33.35	0.237	0.071249	15502	26.697	64.332	0.98
13.6393	2.99274	49.997	49.997	50	33.35	0.233	0.046561	15502	26.116	65.944	0.977
13.6819	3.00263	50.001	49.999	50.004	33.35	0.237	0.051727	15502	25.656	68.248	0.979
13.6622	2.99409	50.003	50	49.998	33.39	0.235	0.057465	15502	25.014	71.428	0.978
13.663	3.00048	50.005	50	49.999	33.35	0.239	0.02209	15502	25.054	71.241	0.979
13.6609	2.99582	50.002	49.996	49.999	33.35	0.242	0.008492	15502	24.563	73.934	0.978
13.6572	2.99367	49.998	49.994	50.002	33.35	0.227	0.027264	15502	24.814	74.942	0.977
13.6764	3.00042	50	50.002	50.001	33.85	0.247	0.017817	15502	19.748	90.311	0.978
13.6475	2.98862	50.002	49.995	49.998	33.74	0.248	0.011643	15502	19.496	93.004	0.978
13.6567	2.99607	50.002	50.002	49.997	33.78	0.228	0.032984	15502	19.788	93.802	0.978
13.6909	3.00496	49.998	49.995	49.995	33.7	0.237	0.007458	15502	20.3	91.749	0.979
13.6581	2.99463	49.999	50.002	50.002	33.92	0.246	0.040708	15502	21.454	89.842	0.979

13.68	3.00196	50	50.001	49.995	33.35	0.243	0.026603	15502	23.922	83.19	0.977
13.6259	2.98699	49.997	49.998	49.998	33.4	0.246	0.029554	15502	25.455	79.833	0.978
13.7001	3.00395	50.006	49.999	49.998	33.62	0.238	0.055816	15502	26.327	78.016	0.978
13.6655	3.00488	49.999	50.001	49.999	33.42	0.229	0.062008	15502	26.577	76.686	0.977
13.6739	3.00395	49.997	49.998	50.004	33.35	0.229	0.023837	15502	26.547	77.684	0.978
13.679	3.00295	50	49.999	49.999	33.35	0.243	0.015577	15502	26.647	76.945	0.977
13.6816	2.99784	49.996	50.002	50	33.39	0.237	0.017305	15502	26.267	79.369	0.977
13.6931	3.00181	50.002	49.998	50	33.65	0.239	0.019225	15502	22.458	89.999	0.977
13.6674	2.99708	50.001	50.006	50	33.9	0.229	0.00739	15502	19.788	95.565	0.977
13.6662	2.99688	50	49.999	50.003	34.04	0.238	0.013957	15502	19.938	95.754	0.977
13.6607	2.98884	49.996	50.003	50	33.85	0.234	0.015506	15502	20.179	96.127	0.978
13.6755	3.00663	50.003	49.998	50	33.69	0.234	0.010133	15502	20.29	96.091	0.975
13.6962	3.0021	49.999	49.996	49.999	33.9	0.231	0.003437	15502	19.748	96.098	0.976
13.6762	3.00942	50.004	50.001	49.994	33.74	0.238	0.006491	15502	19.748	96.317	0.975
13.6616	3.00498	49.998	50.006	50.002	33.99	0.232	0.007211	15502	19.818	96.226	0.974
13.663	2.99895	49.996	50	50.003	33.6	0.248	0.023152	15502	19.396	96.2	0.975
13.676	2.99498	49.999	50.001	49.997	33.52	0.248	0.0089	15502	19.657	96.488	0.974
13.6747	3.00374	49.998	50.001	49.999	33.45	0.235	0.025213	15502	20.109	95.709	0.975
13.696	3.00286	49.998	50	49.999	34.11	0.232	0.02801	15502	16.803	93.642	0.975
13.7048	3.00261	50.001	49.998	50.003	34.06	0.24	0.006334	15502	16.552	92.51	0.978
13.6613	3.00434	50.005	49.998	50	33.52	0.235	0.011962	15502	15.697	90.852	0.979
13.6835	3.00437	49.999	49.993	49.997	32.82	0.249	0.013289	15502	14.842	90.227	0.98
13.6725	2.99721	49.997	50	50.001	32.66	0.243	0.014763	15502	14.772	90.841	0.98
13.6631	2.99519	50	49.999	50.002	32.85	0.237	0.005675	15502	15.295	89.659	0.981
13.6702	2.99277	50.002	50.008	50.005	33.95	0.238	0.030975	15502	16.2	87.844	0.982
13.6649	2.99353	50.003	50.003	50.001	34.33	0.236	0.011907	15502	15.788	88.793	0.983
13.6839	2.99737	49.996	50.004	50.003	33.66	0.252	0.019842	15502	18.502	73.073	0.985
13.6518	2.99218	50.005	50	49.999	33.45	0.241	0.063705	15502	20.952	60.693	0.984
13.6624	3.00134	49.998	50.001	50.001	33.56	0.239	0.041631	15502	20.872	57.105	0.985
13.674	3.00394	50	50.002	50.005	33.8	0.234	0.078625	15502	21.133	55.186	0.983
13.707	3.00646	50.001	50.002	50.003	33.73	0.232	0.030224	15502	22.177	49.153	0.983
13.6862	2.99925	49.999	50.001	49.996	33.56	0.249	0.033577	15502	22.678	44.782	0.984
13.6475	2.99158	49.997	49.998	49.998	33.6	0.248	0.021943	15502	22.919	39.258	0.986
13.6841	3.00364	49.999	49.998	50.004	34.04	0.248	0.041441	15502	22.538	40.126	0.983

13.6739	2.99958	49.998	50	50.002	34.16	0.246	0.027081	15502	17.115	65.172	0.986
13.6474	2.98927	50.002	49.999	50.003	34.58	0.254	0.01041	15502	14.037	80.987	0.987
13.6773	2.99626	50.002	50.001	49.999	32.98	0.244	0.006003	15502	12.809	89.329	0.985
13.6863	3.00793	50	50.004	50.003	31.91	0.235	0.019272	15502	11.963	92.97	0.987
13.6647	3.00049	49.999	49.998	49.998	31.13	0.251	0.007409	15502	11.288	94.153	0.987
13.6495	2.99581	49.996	49.996	50.002	30.44	0.24	0.00823	15502	10.834	95.08	0.986
13.6654	2.99646	50	49.998	49.996	29.84	0.249	0.009144	15502	10.169	95.122	0.986
13.679	3.00002	50	49.997	49.999	29.22	0.248	0.017268	15502	9.927	95.53	0.986
13.6789	3.00646	50.002	49.999	49.999	28.95	0.253	0.003905	15502	9.494	95.94	0.985
13.6811	3.00561	49.996	49.992	49.995	28.73	0.246	0.007375	15502	9.403	96.159	0.987
13.6802	3.00474	49.999	50.005	50	28.64	0.247	0.008193	15502	9.322	96.339	0.989
13.6986	3.00985	49.997	49.995	49.999	29.08	0.258	0.006068	15502	8.798	96.527	0.987
13.6446	2.99613	50.007	50	49.999	28.55	0.236	0.006741	15502	9.05	96.705	0.989
13.6765	3.0042	50.003	49.999	50.001	29.23	0.257	0.021643	15502	11.711	96.273	0.99
13.6556	2.99873	50	50	49.998	33.29	0.242	0.069487	15502	16.844	76.563	0.99
13.6896	2.99932	50	50.001	49.994	33.48	0.239	0.026711	15502	20.651	56.798	0.99
13.6239	2.99147	50	50.001	49.999	33.94	0.228	0.029675	15502	21.625	49.495	0.989
13.6667	2.99925	50	49.997	50.001	34.01	0.238	0.019392	15502	21.243	48.233	0.99
13.6616	3.00524	50.003	49.997	49.998	33.92	0.236	0.021544	15502	22.568	45.617	0.99
13.664	2.99504	50.003	49.999	50	33.79	0.235	0.040687	15502	23.521	40.363	0.989
13.6539	2.99367	50	49.998	50.002	34.03	0.249	0.045201	15502	23.581	40.338	0.986
13.6704	3.0048	50.001	50.002	50.003	33.99	0.236	0.029539	15502	23.42	38.499	0.987
13.6719	2.99902	49.998	49.999	49.998	33.7	0.248	0.055787	15502	24.112	33.242	0.985
13.6614	2.9911	49.999	49.997	50.001	34.04	0.232	0.036457	15502	23.18	39.69	0.987
13.6776	2.99903	50.004	50	49.997	34.43	0.24	0.014014	15502	17.366	67.532	0.987
13.6738	3.0004	49.999	50.002	50.004	34.46	0.242	0.026467	15502	14.741	82.963	0.987
13.7117	3.00636	49.996	50.001	49.998	33.38	0.248	0.010174	15502	13.282	88.287	0.986
13.6872	3.00243	49.998	50.001	49.998	32.44	0.251	0.016955	15502	13.715	81.701	0.987
13.6856	3.00223	49.999	49.999	49.997	32	0.238	0.01108	15502	14.168	79.975	0.986
13.6473	2.99373	49.997	49.999	50.007	31.97	0.25	0.012309	15502	13.191	85.876	0.987
13.6789	3.00658	50.001	49.997	49.999	31.45	0.238	0.013675	15502	12.95	87.677	0.987
13.6577	2.9991	49.998	50.004	50	31.28	0.257	0.008936	15502	12.144	92.043	0.987
13.6686	3.00075	50.001	49.996	50.001	30.6	0.256	0.011251	15502	11.741	93.636	0.986
13.6626	3.00205	50.002	49.996	50.003	30.3	0.235	0.006488	15502	11.137	94.407	0.986
13.6658	2.99527	50.001	50.003	49.999	29.91	0.238	0.012253	15502	10.582	95.133	0.985

13.6543	2.99801	50.001	49.999	49.993	29.48	0.241	0.015427	15502	10.109	95.333	0.986
13.7229	3.00892	49.999	50.002	49.999	29.22	0.244	0.00593	15502	10.169	95.843	0.986
13.6711	3.00143	50.002	49.998	50.006	29.86	0.242	0.01904	15502	12.95	94.349	0.988
13.6572	2.99924	50.003	49.998	50.001	33.35	0.237	0.021152	15502	17.748	70.016	0.989
13.6594	2.993	50.003	50	50.001	33.51	0.234	0.039948	15502	21.334	53.578	0.989
13.689	3.0026	49.997	49.999	50.001	33.76	0.252	0.015356	15502	23.27	44.556	0.987
13.7059	3.00914	49.999	50.005	50.004	33.91	0.245	0.015053	15502	24.062	43.029	0.987
13.7036	3.00816	50.001	50	49.997	33.64	0.249	0.048329	15502	25.175	37.451	0.987
13.6687	2.99853	50.006	49.999	50.002	33.64	0.245	0.031583	15502	24.994	33.252	0.985
13.6645	2.99988	50	49.998	50.001	33.55	0.233	0.039765	15502	25.936	33.756	0.985
13.6718	3.0009	50.002	49.996	50.004	33.59	0.242	0.075101	15502	26.367	35.985	0.986
13.6281	2.98862	50	50.002	49.999	33.66	0.235	0.028869	15502	26.277	35.145	0.984
13.6545	3.00232	50.002	50.005	50.003	33.9	0.239	0.018866	15502	24.674	39.848	0.986
13.6834	3.00077	50.002	50	49.998	34.04	0.235	0.03563	15502	19.507	57.444	0.985
13.6898	3.00232	50.001	50.001	49.999	34.97	0.233	0.023284	15502	16.421	70.096	0.984
13.6693	3.00284	49.999	49.998	49.998	34.46	0.243	0.015216	15502	14.792	77.426	0.986
13.6737	3.00288	50	50.001	49.998	33.41	0.252	0.009944	15502	13.584	82.506	0.987
13.6423	2.99525	50.003	49.995	50	32.64	0.25	0.01878	15502	12.829	83.225	0.987
13.6823	3.00521	49.999	49.999	49.999	31.84	0.24	0.00637	15502	12.325	85.176	0.987
13.6939	2.99901	49.998	50.005	50.002	31.28	0.253	0.013634	15502	11.852	86.486	0.985
13.6993	3.00944	50	50.005	50	30.73	0.241	0.00891	15502	11.61	88.281	0.986
13.6558	2.99449	50.001	49.999	49.999	30.59	0.249	0.009898	15502	10.935	91.831	0.987
13.656	2.99713	50	49.996	50.001	29.97	0.243	0.010996	15502	10.441	93.162	0.987
13.6596	2.99785	50.004	50	50.001	29.91	0.255	0.012216	15502	10.371	93.652	0.987
13.6958	3.00374	49.999	50.001	49.997	30.34	0.243	0.023072	15502	10.794	94.019	0.989
13.6852	3.00667	50.006	49.999	50.001	30.23	0.244	0.025631	15502	10.532	94.828	0.987
13.6569	3.0011	50.002	50	50.005	30.63	0.239	0.048407	15502	13.715	91.107	0.99
13.6513	2.9929	49.997	50.003	50	33.36	0.235	0.053778	15502	19.396	59.316	0.99
13.6577	2.99412	49.998	50	50.001	33.59	0.237	0.020673	15502	22.357	50.418	0.99
13.6603	2.99644	50	50.003	50.001	33.77	0.233	0.039042	15502	24.854	45.63	0.99
13.6775	3.00047	50.002	50.003	50.002	33.54	0.242	0.025514	15502	26.387	42.758	0.99
13.6271	2.98704	49.999	50	49.997	33.53	0.235	0.081916	15502	27.238	41.034	0.989
13.644	2.99349	49.998	50.001	50	33.42	0.244	0.053532	15502	27.398	35.146	0.989
13.6725	2.99848	49.998	50.001	49.993	34.03	0.232	0	15502	28.129	34.306	0.988
13.6568	2.99587	49.997	50.013	49.999	34.04	0.241	0.02054	15502	28.569	31.738	0.987
13.6317	2.9951	50.001	50.001	49.998	34.03	0.237	0.127056	15502	27.909	35.403	0.987

13.6312	2.99609	49.999	50.001	49.998	34.02	0.226	0.083031	15502	26.407	57.872	0.989
13.6696	3.00454	50.003	49.999	49.999	34.13	0.246	0.031918	15502	20.39	79.464	0.987
13.6942	2.99996	50	50	49.998	34.24	0.227	0.012269	15502	18.241	87.775	0.99
13.6964	2.99888	50.002	49.998	50.001	34.31	0.235	0.013631	15502	16.964	90.719	0.99
13.6388	2.9949	49.998	50.003	50	35.47	0.241	0.015143	15502	16.12	92.356	0.99
13.6702	3.00086	50.005	49.997	50	35.25	0.251	0.016823	15502	15.365	90.269	0.992
13.6565	3.00045	49.994	49.998	50	34.72	0.24	0.021181	15502	14.741	91.332	0.991
13.6975	3.00942	50.002	50	50.004	34.07	0.238	0.00479	15502	14.309	92.457	0.987
13.6526	3.00077	49.999	50.001	50	33.53	0.251	0.015377	15502	13.967	92.587	0.991
13.6831	3.00006	49.999	50	50.002	33.35	0.236	0.010049	15502	13.715	93.088	0.99
13.6512	2.99571	50.001	49.999	49.997	33.05	0.236	0.011164	15502	13.272	93.188	0.99
13.6699	2.99703	50.001	49.997	49.996	32.66	0.236	0.004292	15502	12.678	93.419	0.992
13.6444	2.99803	49.996	49.999	50	32.04	0.245	0.013778	15502	12.466	94.478	0.991
13.6713	2.99914	50.004	49.996	49.997	31.97	0.24	0.017348	15502	12.315	95.087	0.992
13.7115	3.01374	49.994	49.996	50.001	32.67	0.23	0.011337	15502	15.043	93.876	0.992
13.6538	2.99555	50.002	49.999	49.998	33.63	0.236	0.021411	15502	20.762	64.508	0.993
13.6551	2.99585	49.998	50.005	50.005	33.81	0.239	0.068742	15502	24.704	49.124	0.993
13.6895	3.00322	49.996	49.998	49.997	34.04	0.234	0.129826	15502	27.618	38.416	0.991
13.698	3.00792	49.999	50.001	49.998	34.01	0.223	0.084841	15502	28.139	30.065	0.992
13.6856	3.00112	50	50	49.999	34.03	0.24	0.055443	15502	27.979	36.937	0.992
13.6967	3.00779	49.997	50.003	49.999	33.83	0.227	0.036232	15502	28.549	31.558	0.991
13.6765	2.99923	49.998	50.011	49.996	34.04	0.231	0.040251	15502	28.479	32.579	0.99
13.6343	2.99789	49.999	50.002	50	34.03	0.228	0.044717	15502	29.24	33.353	0.987
13.6692	2.99704	50.006	50.003	49.998	34.03	0.224	0.049678	15502	28.97	34.734	0.989
13.6704	2.99706	50.004	49.998	49.997	34.03	0.229	0.036793	15502	27.278	38.073	0.991
13.6528	3.0003	49.996	49.999	50.001	34.16	0.232	0.024044	15502	21.013	64.201	0.987
13.6663	2.99995	49.997	50.005	50	34.4	0.249	0.009243	15502	18.502	75.484	0.991
13.6467	3.00127	49.999	49.999	49.998	34.08	0.236	0.017456	15502	19.275	69.025	0.99
13.6528	3.00125	49.999	50.002	49.999	34.23	0.235	0.032967	15502	19.055	68.705	0.99
13.6561	3.0029	50.003	49.993	50.002	35.45	0.234	0.012673	15502	17.366	75.412	0.99
13.6699	2.99498	49.999	50.003	49.998	35.19	0.232	0.023934	15502	16.331	81.174	0.991
13.674	2.99969	49.999	49.999	50	34.73	0.253	0.026589	15502	15.144	88.008	0.991
13.6874	3.00316	50.002	50.001	50.003	34.49	0.241	0.006012	15502	14.701	90.643	0.991
13.642	2.9958	49.999	49.994	50.003	34.04	0.238	0.011355	15502	14.067	92.701	0.991
13.6847	2.99511	49.995	49.996	49.999	33.4	0.24	0.014297	15502	13.685	93.558	0.99
13.6771	3.00192	49.999	49.999	50	33.21	0.236	0.027001	15502	13.171	94.064	0.992

13.716	3.00695	49.998	50	49.995	32.67	0.237	0.010379	15502	12.597	94.211	0.991
13.6725	3.0028	50.004	49.999	50.001	32.17	0.251	0.011531	15502	12.265	93.972	0.991
13.6535	3.0003	50.005	50.001	50.002	32.84	0.236	0.01281	15502	14.48	89.479	0.991
13.6296	2.99386	50	50	49.997	34.04	0.234	0.024194	15502	18.05	77.829	0.993
13.7	3.0071	49.998	50.002	49.999	33.76	0.237	0.026878	15502	21.193	67.025	0.991
13.6851	3.00072	50.004	49.999	49.999	34.01	0.231	0.029859	15502	22.758	64.408	0.992
13.6878	3.00359	50	50.001	50.001	33.74	0.225	0.033172	15502	24.423	56.591	0.993
13.6736	2.99971	50	49.99	49.992	33.52	0.233	0.062649	15502	27.088	45.335	0.992
13.6751	3.00421	49.996	49.999	49.997	33.73	0.232	0.069599	15502	26.968	46.509	0.991
13.6526	2.99303	50.004	50.001	49.999	33.73	0.228	0.045483	15502	26.707	46.378	0.991
13.6688	2.99811	50.003	50.002	49.998	33.38	0.242	0.050529	15502	27.538	46.115	0.99
13.6823	3.00589	49.999	50.001	49.997	33.69	0.232	0.03302	15502	27.318	46.748	0.99
13.7018	3.00763	50.006	50.003	49.998	33.93	0.228	0.036684	15502	25.295	54.666	0.99
13.6354	2.9869	49.999	49.995	50	34.02	0.239	0.040753	15502	20.45	74	0.99
13.675	2.99927	49.998	49.999	50	34.34	0.236	0.017755	15502	18.994	74.946	0.99
13.6665	3.0013	49.999	49.999	50.001	34.21	0.235	0.011603	15502	18.241	78.335	0.991
13.6704	2.99588	49.997	50.003	50.002	34.17	0.247	0.021913	15502	17.055	83.472	0.991
13.6778	3.00527	49.996	49.999	49.998	34.78	0.234	0.01432	15502	15.908	87.471	0.993
13.6825	3.00484	49.997	49.999	50	34.58	0.241	0.009358	15502	15.033	91.267	0.991
13.6861	3.00215	50	50.007	49.999	34.04	0.246	0.010396	15502	14.339	93.21	0.99
13.6476	2.99914	49.999	49.996	50.002	33.74	0.239	0.01309	15502	14.198	94.084	0.99
13.6793	3.00399	50.001	50	49.996	33.39	0.24	0.014542	15502	14.218	94.777	0.99
13.6336	2.98876	49.998	49.998	49.997	33.31	0.244	0.009503	15502	14.128	95.498	0.99
13.6705	2.99674	49.999	49.999	50.005	33.33	0.234	0.03051	15502	14.279	95.766	0.989
13.6827	3.00329	50.003	50.005	50	32.87	0.238	0.033895	15502	13.997	95.948	0.991
13.6902	3.00096	49.997	49.996	50.003	32.94	0.241	0.01303	15502	14.218	96.261	0.991
13.6757	3.00024	50	49.994	49.997	34.02	0.237	0.041833	15502	16.15	95.944	0.992
13.6607	2.99555	50.003	49.999	49.993	33.58	0.235	0.027338	15502	19.727	80.99	0.993
13.6858	3.00152	50.001	49.998	49.999	33.61	0.235	0.03442	15502	22.337	70.118	0.991
13.6812	2.99907	49.999	50.001	50.006	33.47	0.232	0.065006	15502	25.686	56.529	0.99
13.6673	2.99763	50.001	50	50	33.54	0.23	0.122771	15502	26.647	47.355	0.99
13.6627	2.99666	50.004	50.001	49.999	33.53	0.239	0.047194	15502	26.767	50.486	0.989
13.6992	3.00466	50.001	50.001	50.002	33.47	0.237	0.089131	15502	27.568	49.069	0.99
13.681	3.00172	50	49.997	50.002	33.69	0.231	0.066013	15502	27.999	42.736	0.986
13.6525	2.99814	49.996	49.995	50.001	33.64	0.236	0.043139	15502	27.959	40.908	0.987
13.6405	2.99338	49.999	50.002	49.997	33.7	0.231	0.047925	15502	27.178	41.872	0.99

13.6962	3.00364	49.999	49.999	50.009	33.88	0.237	0.031319	15502	25.094	53.318	0.99
13.6646	3.00154	50.002	49.999	49.998	33.99	0.238	0.008026	15502	21.334	64.72	0.99
13.672	3.00408	50	49.995	50.002	34.64	0.235	0.043807	15502	19.265	71.346	0.99
13.669	2.99581	49.999	49.998	50	34.04	0.241	0.009906	15502	18.381	81.905	0.991
13.6546	2.99661	50	50	50.001	34.76	0.248	0.031804	15502	17.949	87.659	0.99
13.6657	2.99482	50.001	50.001	49.994	35.18	0.241	0.00423	15502	17.135	90.763	0.991
13.6624	3.00349	49.999	49.999	49.998	34.9	0.239	0.013582	15502	16.592	92.476	0.992
13.6574	3.00022	49.999	49.994	50	34.67	0.246	0.005221	15502	16.009	93.784	0.99
13.6914	3.00891	50	49.999	49.998	34.15	0.243	0.009861	15502	15.536	94.573	0.991
13.6827	2.99756	49.997	50.004	50.002	33.89	0.242	0.006444	15502	15.013	95.078	0.99
13.6607	2.99268	50.001	49.999	49.999	33.36	0.237	0.020689	15502	14.279	95.22	0.99
13.6888	3.00472	50.001	50.001	49.999	33.04	0.251	0.01352	15502	13.997	95.779	0.991
13.6363	2.9951	50	50.004	49.997	32.66	0.246	0.017022	15502	13.151	95.715	0.989
13.6717	3.0046	49.994	49.997	50.001	32.05	0.249	0.032149	15502	12.527	95.94	0.992
13.6492	2.99601	49.999	50	50.005	32.15	0.251	0.021009	15502	13.916	96.387	0.991
13.6538	2.99138	50.006	50.002	50	33.36	0.252	0.039678	15502	19.517	77.693	0.99
13.6296	2.98717	49.997	50.001	50.002	33.74	0.237	0.029386	15502	22.026	63.319	0.992
13.6825	2.99981	50.001	50.006	49.995	33.84	0.247	0.094349	15502	24.643	54.166	0.991
13.6543	2.99442	50.003	49.998	50.006	33.98	0.233	0.061656	15502	24.964	51.75	0.99
13.6844	3.00396	50.005	50.002	50	33.42	0.233	0.015801	15502	26.026	50.389	0.99
13.656	2.99698	50.002	49.997	50.007	33.55	0.233	0.050731	15502	25.135	50.848	0.987
13.6487	2.9928	50	50.003	49.999	33.5	0.233	0.09581	15502	25.595	49.593	0.99
13.6759	2.99938	50.002	50	49.999	33.4	0.228	0.03683	15502	25.155	52.664	0.988
13.699	3.00447	50	49.995	50.002	33.48	0.232	0.078832	15502	25.575	55.051	0.986
13.6691	2.99862	49.997	49.998	50	33.61	0.24	0.030304	15502	25.295	55.228	0.989
13.6773	3.00116	49.998	50.001	50.003	33.7	0.25	0.019803	15502	22.608	66.154	0.989
13.6886	3.01092	50	50	49.996	33.91	0.233	0.014667	15502	21.093	72.573	0.987
13.697	3.00362	50.003	49.995	50	34.01	0.251	0.009585	15502	19.707	74.015	0.989
13.643	2.98963	50.005	50	50.005	34	0.242	0.030773	15502	18.351	78.591	0.989
13.7035	3.01133	49.999	50.004	50.002	34.71	0.246	0.02011	15502	17.025	87.199	0.989
13.6783	3.00738	50.001	49.999	50.005	34.04	0.242	0.013142	15502	17.979	81.766	0.987
13.6558	2.99582	49.998	49.998	50.001	34	0.236	0.042193	15502	18.462	81.823	0.986
13.6932	3.00293	50.001	50.004	50.003	33.97	0.238	0.046875	15502	19.727	75.679	0.987
13.6757	2.99969	50.002	50.002	50.001	34.04	0.24	0.018019	15502	19.245	78.936	0.986
13.6885	2.99838	50.001	49.998	49.999	34.04	0.243	0.020018	15502	19.316	81.356	0.985
13.6809	2.99544	50	49.996	50	34.04	0.236	0.013082	15502	19.185	83.732	0.987

13.6907	3.00568	49.998	50.001	50	34.04	0.25	0.016471	15502	19.125	84.803	0.985
13.6667	2.99766	49.999	49.998	49.999	34.05	0.236	0.018298	15502	18.763	86.973	0.988
13.6611	3.0032	50.001	50.001	50.001	33.95	0.237	0.011958	15502	18.864	86.639	0.989
13.6413	3.00035	49.999	50.004	49.999	33.59	0.25	0.013284	15502	19.507	84.916	0.988
13.6611	3.00208	50	50.002	49.999	33.52	0.24	0.025089	15502	20.46	80.946	0.988
13.7011	3.00433	50	49.997	50.001	33.37	0.234	0.047383	15502	22.167	77.453	0.986
13.6442	2.98901	49.998	49.995	50.004	33.36	0.232	0.020643	15502	24.623	65.572	0.985
13.6699	3.00182	50.002	50.001	49.997	33.35	0.241	0.066277	15502	26.267	59.569	0.984
13.6739	3.00894	50.006	50	49.998	33.4	0.241	0.043311	15502	25.846	57.727	0.984
13.6878	3.00365	49.999	50.001	49.998	33.35	0.233	0.054532	15502	25.746	58.204	0.985
13.6676	3.00377	49.997	49.996	49.999	33.35	0.229	0.102989	15502	27.308	53.149	0.985
13.6815	2.9995	50.007	49.999	49.996	33.51	0.229	0.015526	15502	25.385	60.404	0.982
13.6817	3.00222	50.004	49.997	50.004	33.51	0.237	0.049847	15502	24.523	65.992	0.983
13.6553	3.00099	50	49.996	50	33.43	0.247	0.032575	15502	23.17	72.531	0.984
13.6679	3.00455	49.997	50	50.002	33.93	0.234	0.024126	15502	20.832	83.86	0.983
13.6862	3.00832	50	49.997	49.996	34.03	0.24	0.005455	15502	19.647	87.64	0.983
13.6793	3.00069	49.997	50.002	50.001	33.84	0.241	0.006061	15502	19.567	89.423	0.984
13.6583	3.00369	50.001	50.003	49.999	34.03	0.233	0.019458	15502	19.727	88.518	0.985
13.6717	2.99628	50	49.998	50.001	33.73	0.236	0.012716	15502	19.577	89.567	0.984
13.6342	2.99633	49.997	50	50.001	33.95	0.251	0.014127	15502	19.737	89.183	0.983
13.6748	3.00529	49.999	50.003	49.996	34.03	0.25	0.017786	15502	20.149	87.376	0.984
13.6988	3.00198	50.001	50.002	49.997	34.01	0.248	0.01976	15502	18.512	91.203	0.983
13.6966	3.00558	50.007	50	50.002	34.02	0.236	0.021952	15502	17.929	93.494	0.983
13.6752	2.99601	50.002	50.008	49.995	34.04	0.242	0.004964	15502	17.276	94.515	0.982
13.68	3.00173	50	50	49.999	34.04	0.24	0.009375	15502	17.035	95.301	0.983
13.6748	3.00069	49.996	50	50.002	34.04	0.251	0.017705	15502	17.819	95.36	0.982
13.6602	3.00452	50.004	50.001	49.998	33.97	0.246	0.056844	15502	19.145	92.732	0.985
13.681	3.0012	50.002	49.999	50	33.63	0.228	0.014568	15502	20.35	89.262	0.983
13.6777	3.00834	49.998	50.005	50.003	33.37	0.25	0.027512	15502	21.755	85.807	0.984
13.6582	3.00316	49.995	50.003	49.997	33.35	0.245	0.030565	15502	24.212	76.994	0.984
13.6767	3.00858	49.999	50.002	50	33.37	0.247	0.019974	15502	24.182	77.012	0.984
13.6804	2.99928	50.004	49.998	49.999	33.35	0.232	0.025148	15502	25.746	70.521	0.983
13.6957	3.00344	49.996	49.999	50.001	33.37	0.236	0.047495	15502	26.166	67.556	0.981
13.6587	2.9942	49.994	50.002	50	33.35	0.237	0.035176	15502	26.848	62.416	0.981
13.6626	2.99714	50.001	50.002	49.998	33.39	0.235	0.022988	15502	27.168	61.533	0.98
13.6769	3.0024	50	50.004	49.999	33.35	0.245	0.049203	15502	27.318	59.179	0.981

13.673	2.99926	50.004	49.999	50.001	33.41	0.235	0.036441	15502	26.166	62.666	0.98
13.715	3.017	49.999	49.998	50.005	33.47	0.232	0.014008	15502	23.791	76.208	0.982
13.6714	2.99886	50.003	49.998	49.997	33.73	0.23	0.086653	15502	22.086	84.917	0.982
13.6611	2.99902	50	50	50.002	33.83	0.232	0.049965	15502	20.671	88.843	0.982
13.6964	3.00511	49.998	49.998	49.998	34.01	0.243	0.019207	15502	19.577	92.549	0.983
13.6793	3.00612	49.995	49.996	50	33.89	0.246	0.021338	15502	18.904	93.638	0.981
13.6491	3.00082	50.001	50.001	50.004	34.14	0.23	0.008202	15502	18.432	94.467	0.982
13.6514	2.99983	50.006	50.001	50	34.59	0.239	0.015491	15502	17.799	95.18	0.981
13.6742	2.99862	49.999	50	49.999	34.04	0.246	0.029257	15502	17.397	95.485	0.98
13.6817	3.0043	50	49.998	49.996	34.39	0.241	0.006616	15502	17.115	95.82	0.981
13.7137	3.0098	49.994	50.001	49.999	34.07	0.235	0.012494	15502	16.643	95.992	0.982
13.679	2.99946	49.997	50.003	50.002	34.74	0.243	0.01388	15502	16.291	96.132	0.98
13.6575	2.99816	50	50.001	49.999	34.53	0.247	0.01028	15502	16.11	96.253	0.981
13.6817	2.99935	50.001	49.999	50.003	34.04	0.236	0.029123	15502	16.15	96.455	0.982
13.7012	3.00363	49.999	50	49.997	34.13	0.238	0.019032	15502	16.934	95.986	0.983
13.6693	2.99836	49.999	49.999	49.996	33.78	0.236	0.012437	15502	18.623	89.214	0.982
13.6458	2.9963	49.999	49.995	49.996	33.8	0.246	0.004781	15502	17.165	83.542	0.985
13.6589	2.99366	50.004	49.999	49.997	33.73	0.253	0.026095	15502	16.844	82.581	0.985
13.7046	3.00447	50.002	50.002	50.001	33.85	0.238	0.010031	15502	17.889	79.927	0.983
13.6749	3.00508	50.004	50.001	49.999	34.42	0.243	0.028417	15502	16.029	85.724	0.983
13.6641	3.00011	50.003	50	50.004	34.03	0.248	0.010924	15502	15.959	87.439	0.986
13.656	2.99649	50.002	50.004	50.004	33.86	0.24	0.020631	15502	16.954	80.961	0.983
13.637	2.99558	50.004	49.994	50.002	34.03	0.24	0.022919	15502	16.673	82.837	0.985
13.6342	2.99712	50.001	50.002	49.998	34.35	0.241	0.014978	15502	16.994	78.662	0.985
13.6614	3.00492	49.994	50.005	50.004	34.72	0.241	0.009788	15502	16.632	77.169	0.986
13.6508	3.00037	50.003	50.003	50	34.45	0.253	0.010874	15502	15.949	74.255	0.986
13.6775	2.99998	49.997	50.002	50	33.36	0.241	0.01208	15502	14.802	73.391	0.985
13.6339	2.99478	49.999	50.002	50.001	31.97	0.257	0.01342	15502	13.564	75.004	0.986
13.6805	3.00614	50	50.001	49.997	30.64	0.258	0.00877	15502	12.567	78.873	0.986
13.6408	2.99657	49.998	49.997	50.001	29.89	0.245	0.009743	15502	11.781	80.974	0.987
13.6873	2.99934	50.001	50	50.004	29.06	0.246	0.018401	15502	10.794	83.871	0.987
13.6724	2.99928	49.998	50.002	50.002	28.5	0.255	0.013628	15502	10.31	85.209	0.989
13.6781	3.00047	50	49.999	49.998	27.84	0.25	0.005239	15502	9.927	85.117	0.986
13.6607	3.00044	50.002	50	49.995	27.16	0.247	0.014841	15502	9.06	87.915	0.985
13.6692	3.00288	49.995	50.001	49.997	26.65	0.253	0.006466	15502	8.828	89.211	0.985
13.6832	3.00331	49.998	50.001	50.003	26.47	0.25	0.012211	15502	8.747	88.732	0.986

13.6628	2.99826	49.999	49.998	49.997	26.4	0.244	0.013566	15502	9.06	85.853	0.985
13.702	3.00744	50	50.001	49.999	25.91	0.258	0.008865	15502	8.858	85.161	0.986
13.6714	2.99696	50.002	50.001	50.003	26.47	0.246	0.009849	15502	10.209	81.613	0.989
13.7075	3.00275	50.001	50.001	50.003	30	0.241	0.03162	15502	13.292	73.643	0.99
13.6695	3.00677	49.996	50.002	50	33.97	0.245	0.020664	15502	15.667	64.553	0.99
13.6668	3.00256	50	49.998	49.999	33.55	0.242	0.039026	15502	17.527	57.084	0.99
13.7083	3.01113	50	49.997	50	33.53	0.246	0.043355	15502	18.201	51.121	0.991
13.6718	2.99856	50.001	50.001	49.995	33.38	0.245	0.054587	15502	18.793	47.253	0.99
13.6635	2.99541	50.002	49.999	49.996	33.35	0.238	0.035673	15502	18.653	45.953	0.99
13.6737	2.99561	49.994	49.998	50	33.4	0.245	0.067371	15502	18.823	40.394	0.99
13.6875	3.00736	49.998	49.995	50.002	33.35	0.24	0.044027	15502	18.633	42.936	0.99
13.6662	3.00442	49.997	49.998	50.002	33.4	0.255	0.016924	15502	17.155	45.322	0.99
13.6724	2.99484	49.995	50.001	50.002	33.41	0.252	0.012535	15502	15.506	50.942	0.988
13.6856	2.99916	49.995	50.002	50.001	32.97	0.244	0.023673	15502	13.05	62.97	0.991
13.6952	3.00368	50.006	49.999	49.997	30.67	0.247	0.0091	15502	11.963	68.419	0.991
13.6492	2.99477	49.997	50.002	49.999	29.22	0.256	0.003498	15502	10.33	75.953	0.99
13.6547	2.99384	49.994	49.998	49.999	28.47	0.255	0.012729	15502	9.766	78.834	0.99
13.6558	2.99994	49.999	49.999	49.995	27.74	0.252	0.014141	15502	9.746	79.149	0.991
13.6801	2.9973	50.002	49.998	49.998	27.22	0.246	0.009241	15502	9.221	81.388	0.99
13.682	3.00345	50.002	50.003	49.999	27.16	0.25	0.006039	15502	8.616	84.571	0.991
13.6459	2.99346	49.998	50	49.998	27.14	0.246	0.011405	15502	7.486	89.502	0.991
13.6587	2.99797	50	50.003	50.001	26.47	0.266	0.007453	15502	6.79	91.488	0.991
13.6707	3.00309	50.003	49.996	50.005	26.01	0.245	0.00552	15502	6.012	93.053	0.99
13.6591	2.99143	49.996	50	50.004	25.76	0.254	0.011815	15502	5.548	93.948	0.991
13.6202	2.98824	50.004	50	50	25.19	0.244	0.022314	15502	5.73	94.806	0.99
13.6626	2.99948	49.999	50	50	25.81	0.249	0.014582	15502	6.659	94.459	0.99
13.6608	3.00091	49.998	50.008	50.001	26.41	0.25	0.031212	15502	9.141	86.807	0.992
13.6601	2.99542	49.999	50.001	50.001	30.1	0.238	0.011998	15502	12.708	74.57	0.993
13.6775	2.99965	49.998	50.002	49.999	33.56	0.241	0.065487	15502	15.546	60.358	0.994
13.6736	2.99847	49.998	50.002	50.002	29.22	0.242	0.342549	15502	16.994	51.423	0.993
13.6702	3.00301	49.998	49.998	49.997	33.55	0.241	0.015766	15502	16.733	50.362	0.994
13.6362	2.99574	49.999	50.002	50	33.46	0.234	0.010303	15502	17.216	50.489	0.994
13.686	3.00666	49.997	49.998	50.003	33.66	0.24	0.003961	15502	17.678	48.477	0.992
13.6756	3.00102	49.998	49.995	49.994	33.53	0.239	0.012716	15502	17.437	50.425	0.992
13.7013	3.0058	50.001	50.003	50.003	33.35	0.244	0.003259	15502	16.914	50.293	0.992
13.6807	3.00788	50	50	49.997	33.59	0.244	0.010463	15502	16.13	53.121	0.993

13.6738	3.00144	49.995	49.998	50.003	33.57	0.241	0.011623	15502	14.661	56.919	0.994
13.7052	3.00917	50	49.997	49.995	32.48	0.245	0.014635	15502	12.768	65.314	0.992
13.6515	2.9946	50	50.003	50.003	29.99	0.247	0.016258	15502	11.459	72.962	0.994
13.6746	3.00342	50.003	50.005	49.999	28.56	0.247	0.010625	15502	10.431	75.872	0.992
13.6644	2.9997	49.999	50	49.996	27.81	0.254	0.011803	15502	9.332	81.437	0.991
13.6854	3.00354	50.005	50	50	26.88	0.246	0.014861	15502	8.858	84.861	0.991
13.6448	2.99259	49.998	50.003	50.002	26.47	0.246	0.009712	15502	8.102	88.342	0.992
13.6749	3.00283	50	50	50	26.46	0.263	0.012228	15502	7.466	91.263	0.993
13.6934	3.00306	50.004	50.002	50.001	26.47	0.258	0.007991	15502	7.597	89.226	0.991
13.6684	2.9984	49.998	50.004	49.995	26.2	0.245	0.010061	15502	8.233	85.469	0.991
13.6601	2.99906	49.998	50.001	49.996	25.82	0.256	0.003867	15502	7.506	87.903	0.991
13.6912	3.00188	49.996	50.003	49.998	25.26	0.253	0.004869	15502	7.305	88.757	0.991
13.6475	2.9982	49.998	50	50	25.09	0.26	0.009196	15502	7.103	89.469	0.992
13.6567	3.00013	49.998	50.008	50.008	24.72	0.241	0.006811	15502	7.103	88.001	0.993
13.6907	3.00529	50.006	50	50.001	25.09	0.261	0.012864	15502	8.707	84.035	0.993
13.6838	3.00264	50.002	50.001	49.998	29.22	0.239	0.009527	15502	13.151	67.818	0.994
13.6952	3.00538	49.999	50	50	33.96	0.247	0.017993	15502	15.184	61.549	0.994
13.6883	2.99956	50	49.999	49.997	33.82	0.246	0.011758	15502	16.713	49.982	0.995
13.6461	2.99935	49.999	49.997	50.001	33.58	0.242	0.013063	15502	17.738	38.481	0.994
13.6677	3.00543	50.002	50.002	50.005	33.76	0.244	0.02796	15502	17.829	37.255	0.992
13.6181	2.99071	49.998	49.997	49.999	33.41	0.239	0.006322	15502	18.06	43.523	0.993
13.6672	3.00657	50.003	50.003	49.998	33.59	0.24	0.01194	15502	17.356	47.104	0.993
13.6484	3.0017	49.998	49.997	50.001	33.37	0.241	0.013265	15502	16.984	47.407	0.992
13.6596	2.99709	49.996	49.999	49.991	34.43	0.239	0.014737	15502	15.063	53.823	0.992
13.7007	3.00281	50.001	50.002	49.999	33.94	0.249	0.00642	15502	15.587	52.248	0.992
13.6484	2.98916	50.002	50.002	49.998	32.76	0.251	0.004196	15502	13.856	67.12	0.993
13.6865	3.00255	50.001	49.998	49.996	30.9	0.24	0.013471	15502	12.708	74.727	0.992
13.6655	3.00048	50	49.994	50.002	29.9	0.245	0.01696	15502	11.832	79.979	0.991
13.6962	3.00786	50.002	50.003	50.001	29.22	0.25	0.003835	15502	11.832	68.799	0.989
13.6685	3.00059	50.006	49.999	50	28.72	0.254	0.012313	15502	12.406	64.72	0.991
13.6469	2.9952	49.998	50.001	50.001	28.61	0.241	0.008047	15502	11.731	66.268	0.99
13.6678	2.99433	50.001	49.999	50	28.53	0.247	0.010131	15502	11.076	66.618	0.99
13.6942	3.00731	49.996	50	50.002	28.51	0.248	0.006621	15502	10.592	67.186	0.99
13.6798	3.00066	50.001	49.997	50.004	27.85	0.254	0.007355	15502	9.786	69.144	0.99
13.6617	3.00055	50	49.999	50.004	27.3	0.256	0.013891	15502	9.161	72.296	0.99
13.6865	3.00665	49.997	49.997	50.002	27.05	0.249	0.01749	15502	9.05	71.674	0.988

13.6792	2.99988	50	49.999	50.002	27.19	0.241	0.01943	15502	9.846	68.888	0.99
13.6982	3.00545	50.002	50.001	50.001	27.67	0.254	0.021586	15502	10.159	67.922	0.987
13.6512	2.99925	49.999	50.006	49.997	27.98	0.25	0.009404	15502	10.653	67.715	0.989
13.6457	3.00016	49.997	49.996	50	29.21	0.264	0.010447	15502	11.237	66.894	0.989
13.6182	2.98989	50.004	50	49.999	31.37	0.248	0.019731	15502	12.869	60.938	0.99
13.6414	2.99365	50.002	50.003	50.004	33.36	0.26	0.012894	15502	13.282	59.905	0.99
13.6613	2.99361	49.997	50	50.003	34.02	0.243	0.008426	15502	14.198	59.354	0.988
13.6666	2.99858	49.997	49.997	49.995	34.04	0.254	0.006241	15502	14.208	59.939	0.99
13.628	2.99421	49.999	50.002	49.999	34.47	0.257	0.011786	15502	13.906	61.366	0.99
13.7144	3.00959	50.003	50.004	49.996	34.7	0.247	0.013094	15502	13.574	63.059	0.988
13.6573	3.00302	49.998	49.999	49.999	34.08	0.244	0.024729	15502	12.95	65.374	0.99
13.6716	2.9961	50.005	49.998	50.003	32.9	0.243	0.018315	15502	12.768	66.564	0.989
13.6579	3.00155	49.998	49.999	49.997	31.84	0.252	0.020347	15502	11.681	72.271	0.989
13.6685	2.99574	50	50	49.998	29.91	0.248	0.004601	15502	10.794	80.313	0.99
13.652	2.99148	50.001	50	49.998	29.15	0.248	0.014772	15502	10.3	83.306	0.988
13.6777	3.00681	50.003	49.999	50.002	28.54	0.252	0.01094	15502	10.129	83.833	0.989
13.6668	3.00116	49.999	50.004	50.005	28.53	0.239	0.012154	15502	9.967	84.825	0.99
13.6761	2.99861	50.003	49.999	49.999	28.53	0.238	0.007943	15502	10.169	83.653	0.989
13.731	3.01393	50	50	49.999	28.68	0.247	0.015001	15502	10.371	82.298	0.987
13.6543	2.99996	49.999	50.002	50	28.69	0.247	0.006535	15502	10.28	83.585	0.988
13.6888	3.00615	50.001	50.003	50.001	29.16	0.255	0.020982	15502	10.371	83.535	0.987
13.6453	2.99799	49.998	50.005	49.999	29.22	0.256	0.008066	15502	10.371	84.406	0.986
13.6876	3.00649	50	49.997	49.999	29.23	0.262	0.008961	15502	10.391	85.019	0.988
13.6945	3.00208	50.001	49.998	50	29.59	0.254	0.009955	15502	10.451	85.989	0.99
13.6571	2.99137	49.999	50	50.002	29.23	0.242	0.011059	15502	10.552	86.606	0.988
13.6634	2.99934	49.998	50	49.999	29.54	0.26	0.012286	15502	10.512	87.077	0.987
13.6311	2.99236	49.996	50	50.018	29.88	0.245	0.013649	15502	10.985	86.252	0.987
13.6936	3.00674	49.998	50	50.004	30.59	0.24	0.025777	15502	11.711	84.323	0.988
13.6778	3.00204	49.999	50.003	50.002	31.81	0.255	0.009909	15502	12.426	82.094	0.99
13.6773	2.99813	49.997	49.998	49.999	33.35	0.241	0.018714	15502	13.594	79.747	0.99
13.6553	3.00161	50.001	49.999	50.001	34.71	0.244	0.01223	15502	14.299	78.315	0.99
13.7024	3.00802	49.998	49.999	49.995	33.52	0.243	0.013586	15502	15.607	74.107	0.988
13.6807	2.9962	50.002	50	50	33.36	0.24	0.005223	15502	16.572	73.075	0.988
13.6811	2.99878	50.001	49.996	49.992	33.97	0.253	0.016768	15502	16.049	73.771	0.989
13.6883	2.99911	50.002	49.999	50.007	34.04	0.251	0.031669	15502	15.848	75.784	0.986
13.6548	2.99165	49.999	49.996	49.995	34.77	0.242	0.010742	15502	15.416	78.146	0.986

13.6814	3.00741	50.003	50.002	49.998	34.69	0.245	0.00468	15502	14.902	79.632	0.986
13.6734	2.99885	50	49.995	49.998	33.7	0.259	0.008838	15502	14.289	81.93	0.99
13.6792	2.99546	49.995	50.002	50	32.69	0.247	0.009819	15502	13.765	85.043	0.986
13.663	2.99788	50	50	50.002	32.14	0.256	0.010908	15502	13.725	86.52	0.988
13.6725	3.00179	49.999	50.003	49.999	32.66	0.26	0.004193	15502	13.654	87.55	0.988
13.6393	2.99259	50	50.003	49.998	32.91	0.259	0.004658	15502	13.634	88.099	0.989
13.6273	2.99333	49.994	50.001	50	33.25	0.249	0.009971	15502	13.695	88.16	0.988
13.6429	2.99611	50.001	50.002	49.998	33.35	0.249	0.011077	15502	13.755	88.565	0.989
13.6761	2.99942	50.003	49.997	49.998	33.41	0.242	0.012306	15502	13.936	88.358	0.987
13.6654	2.99971	49.998	50	50.003	33.4	0.242	0.00473	15502	13.916	88.674	0.988
13.7074	3.01088	50.003	50.001	49.999	33.49	0.247	0.015188	15502	13.956	89.3	0.987
13.625	2.99553	49.998	49.997	50.001	33.5	0.237	0.016873	15502	13.926	90.085	0.987
13.687	3.00428	50.002	50.001	49.996	33.5	0.253	0.018744	15502	13.765	90.763	0.988
13.6783	2.99702	50.001	49.998	49.999	33.35	0.246	0.007206	15502	13.614	91.414	0.988
13.6534	2.99627	50.004	50.003	50.001	33.36	0.254	0.013608	15502	13.705	91.77	0.99
13.6572	2.99456	50	49.998	50	33.61	0.256	0.017134	15502	14.077	90.955	0.99
13.6906	3.01061	50.003	50.001	50	34.04	0.251	0.00988	15502	14.661	89.363	0.991
13.6669	2.99956	50	50	50.004	33.96	0.255	0.010976	15502	15.224	87.655	0.991
13.664	2.99371	50.002	49.998	50.002	33.65	0.247	0.013819	15502	16.11	85.552	0.991
13.6306	2.99205	50.001	50	50.001	33.41	0.244	0.013546	15502	17.115	81.948	0.988
13.6363	2.9948	49.996	50.006	50.003	33.35	0.248	0.017056	15502	18.12	79.287	0.986
13.6799	2.99781	49.999	50	50	33.35	0.244	0.018948	15502	18.854	78.024	0.987
13.6813	3.00742	50	49.998	49.999	33.46	0.244	0.012382	15502	17.959	79.33	0.987
13.6645	3.00301	50.004	50.007	50.009	33.8	0.24	0.023385	15502	17.447	82.171	0.986
13.6597	2.99783	49.996	49.997	50.005	33.59	0.24	0.008989	15502	17.175	83.126	0.986
13.667	3.00464	50.001	50.001	50.003	33.87	0.241	0.016977	15502	16.753	85.273	0.988
13.671	2.99939	50.002	49.996	50	34.58	0.249	0.011095	15502	16.331	86.558	0.988
13.6647	3.00531	49.998	49.999	49.997	34.63	0.244	0.020953	15502	15.999	87.657	0.988
13.7171	3.00721	50.001	49.997	49.997	34.22	0.243	0.015519	15502	15.275	89.494	0.986
13.6757	3.00427	50	50.001	50	34.59	0.246	0.015212	15502	15.285	89.198	0.988
13.6248	2.98908	50.002	49.998	50.006	34.73	0.248	0.009941	15502	15.084	89.056	0.99
13.6552	3.00029	49.999	49.998	49.998	34.72	0.243	0.012516	15502	14.782	89.621	0.987
13.652	2.99292	50.001	50.001	50	34.37	0.242	0.008179	15502	14.359	91.139	0.989
13.6498	3.00368	50.001	50.006	50	34.04	0.247	0.009087	15502	14.279	92.361	0.986
13.6493	2.99628	50	50	50	34.03	0.243	0.010095	15502	14.097	92.621	0.988
13.7023	3.00238	50.002	50	49.998	33.38	0.238	0.006597	15502	14.118	90.674	0.987

13.648	2.99856	49.999	50.001	50.001	33.35	0.262	0.007329	15502	13.936	92.139	0.987
13.6665	2.99989	49.998	49.999	50.002	33.4	0.26	0.015687	15502	13.916	92.661	0.989
13.6832	3.00298	49.997	50	50.004	34.03	0.238	0.009045	15502	14.43	90.032	0.99
13.6462	2.99841	49.997	50	50.002	34.03	0.247	0.011389	15502	15.385	85.69	0.99
13.6654	3.00279	49.999	50.002	50.001	34.02	0.243	0.021509	15502	15.949	82.453	0.987
13.646	2.98868	49.999	49.996	49.996	33.35	0.247	0.002861	15502	17.537	75.921	0.991
13.7075	3.00582	49.999	50.001	50	33.37	0.245	0.015615	15502	19.577	63.901	0.99
13.6859	3.01214	50.002	49.998	49.993	33.35	0.251	0.010204	15502	21.314	57.475	0.986
13.6501	2.99942	49.997	50	49.997	33.35	0.241	0.006669	15502	22.397	52.632	0.987
13.6548	3.00145	50	50	49.995	33.35	0.234	0.02141	15502	23.36	50.008	0.985
13.6507	3.00356	50	50.001	50	33.35	0.233	0.013992	15502	24.543	46.64	0.987
13.6843	3.00187	50.003	49.993	49.999	33.35	0.249	0.010363	15502	24.533	47.907	0.985
13.6632	3.00227	50	49.999	49.999	33.37	0.24	0.005975	15502	21.635	60.444	0.985
13.6545	3.00131	49.997	50.004	50.003	34.07	0.246	0.032613	15502	16.612	81.362	0.986
13.6703	2.9964	49.998	50.003	49.998	34.73	0.243	0.008358	15502	14.943	87.493	0.986
13.6884	2.99967	50.001	50.001	50.001	34.12	0.253	0.015785	15502	14.772	89.892	0.986
13.6697	2.99739	49.996	49.997	49.997	33.53	0.248	0.017536	15502	13.695	92.428	0.987
13.6639	3.00078	49.998	50.003	50.003	33.37	0.243	0.011459	15502	13.574	93.981	0.986
13.6982	3.00311	49.998	50.006	50.005	33.55	0.244	0.012731	15502	14.792	90.801	0.986
13.6758	3.00026	50.005	50.002	49.995	34.03	0.246	0.024043	15502	14.983	90.061	0.985
13.6657	3.00073	50.002	50.002	50	34.12	0.245	0.026711	15502	15.073	89.558	0.987
13.6674	3.00512	50.002	50.005	50.001	34.19	0.242	0.00604	15502	14.882	89.646	0.986
13.6464	2.99317	50.001	50	50.002	34.04	0.248	0.019392	15502	14.46	90.986	0.986
13.6661	2.9999	49.999	49.999	49.997	34.03	0.26	0.007454	15502	13.584	93.01	0.987
13.6699	2.99872	50.004	50.002	50.002	33.77	0.25	0.008281	15502	13.795	93.847	0.987
13.6825	3.00538	50.001	49.999	49.998	33.35	0.247	0.026589	15502	13.252	94.216	0.987
13.664	2.99545	49.999	49.996	49.999	33.35	0.243	0.029538	15502	14.027	92.295	0.988
13.6931	3.01104	50.001	49.999	49.999	33.79	0.242	0.055786	15502	17.326	80.464	0.988
13.6627	2.99922	50	50.004	50.001	33.35	0.244	0.024304	15502	21.755	66.581	0.989
13.6839	2.99942	50	49.998	50.001	33.35	0.251	0.045901	15502	23.46	55.461	0.987
13.7024	3.00707	49.999	50.001	50	33.35	0.236	0.086688	15502	24.393	51.387	0.988
13.6575	3.00172	50	49.994	50	33.35	0.239	0.05665	15502	25.976	43.179	0.987
13.6448	3.00061	49.999	50.004	50.002	33.35	0.238	0.021777	15502	26.817	41.056	0.986
13.6706	2.99923	49.997	49.995	50.001	33.43	0.233	0.041128	15502	26.888	40.489	0.986
13.6635	2.99689	50	50.001	50.004	33.36	0.235	0.045691	15502	26.227	44.672	0.986
13.6682	2.99854	50.001	50.001	49.999	33.33	0.233	0.019906	15502	25.615	53.264	0.986

13.6684	2.99717	50	50.001	50.002	33.39	0.243	0.022114	15502	21.886	70.817	0.985
13.6748	3.00229	50.007	50.003	49.997	34.04	0.241	0.014452	15502	19.687	69.238	0.987
13.6391	2.9947	49.998	49.997	49.998	34.78	0.243	0.046398	15502	17.326	78.423	0.986
13.709	3.00689	50.001	50.002	49.999	34.05	0.237	0.017836	15502	15.768	84.413	0.987
13.6511	2.99685	50	49.996	50	33.31	0.24	0.019815	15502	14.701	87.435	0.988
13.6972	3.00271	50.002	49.999	49.998	32.63	0.244	0.014675	15502	14.077	88.897	0.987
13.6716	2.99366	50.001	50.002	50	32.03	0.246	0.016303	15502	13.121	91.287	0.987
13.6628	2.99959	50.001	49.999	50.001	31.9	0.262	0.010654	15502	12.476	93.112	0.987
13.6685	3.00415	50.002	49.999	50.002	31.41	0.249	0.011836	15502	11.973	93.723	0.985
13.6642	2.99776	49.997	50.004	50.001	31.28	0.26	0.00455	15502	11.106	94.062	0.987
13.657	3.00072	50.004	49.999	49.998	30.64	0.256	0.024834	15502	10.512	94.697	0.985
13.6784	2.99744	49.999	50.001	49.999	30.56	0.24	0.005616	15502	10.35	95.32	0.984
13.6562	3.00252	49.999	50.003	49.999	30.2	0.24	0.01202	15502	10.27	95.666	0.984
13.6623	2.99583	50.002	49.999	49.998	29.91	0.251	0.007855	15502	9.988	95.752	0.983
13.6794	3.00375	50	50.002	50	30.68	0.252	0.008726	15502	11.197	95.385	0.985
13.6911	3.00241	49.998	49.998	50.001	33.35	0.249	0.028016	15502	15.365	82.939	0.986
13.6603	3.00303	50.004	50.005	49.998	33.35	0.254	0.031125	15502	18.341	73.423	0.983
13.6684	2.99866	50.004	49.999	49.999	33.35	0.238	0.06662	15502	21.354	65.446	0.984
13.6666	2.99877	50.005	50.002	50.001	33.35	0.242	0.043536	15502	23.671	57.034	0.981
13.6643	2.99757	49.992	50.001	50.008	33.34	0.239	0.048366	15502	23.992	55.6	0.981
13.665	3.00697	50.002	50.002	49.998	33.28	0.234	0.018592	15502	24.974	52.702	0.98
13.6578	2.99512	49.997	50.002	49.999	33.06	0.24	0.059692	15502	24.894	53.951	0.98
13.6667	3.00141	49.999	49.997	50.002	33.02	0.236	0.04421	15502	25.946	51.084	0.98
13.6747	2.99967	49.998	49.999	49.995	33.23	0.236	0.083495	15502	25.796	52.656	0.979
13.6469	3.00307	49.999	49.997	50.001	33.3	0.249	0.01888	15502	24.343	59.059	0.977
13.6476	2.99612	49.999	49.998	50	33.42	0.248	0.020975	15502	23.41	63.018	0.979
13.6791	2.999	50.002	49.997	49.992	33.8	0.24	0.008063	15502	20.621	78.706	0.98
13.6717	3.00074	49.997	49.998	50.001	33.35	0.241	0.015228	15502	20.41	82.559	0.98
13.6473	2.99806	50.003	50.006	50	33.59	0.232	0.009951	15502	19.547	83.916	0.98
13.6855	3.00264	49.998	49.996	49.999	34.19	0.249	0.031949	15502	18.401	86.958	0.981
13.6876	3.00022	49.999	49.997	49.996	33.76	0.246	0.020879	15502	17.738	83.697	0.98
13.6923	3.00181	50.005	50.002	50.003	34.03	0.258	0.013644	15502	17.467	80.848	0.981
13.6635	3.00021	49.995	50.002	49.996	34.3	0.246	0.025768	15502	16.844	80.789	0.983
13.6669	2.99474	50	49.997	49.998	34.79	0.236	0.019085	15502	16.13	83.28	0.982
13.6803	3.00085	50.001	49.997	49.999	34.76	0.249	0.011005	15502	15.597	81.136	0.983
13.6701	2.99717	49.998	50.001	50.005	34.1	0.243	0.007191	15502	14.782	82.63	0.982

13.7078	3.01408	50.004	49.999	50	33.75	0.26	0.013582	15502	14.953	83.352	0.985
13.6601	2.99475	50.001	50.004	50	33.16	0.24	0.005221	15502	14.208	76.145	0.984
13.6337	2.99087	49.999	49.999	50.001	32.44	0.244	0.006574	15502	13.715	73.517	0.988
13.6603	2.99529	49.997	50	50.002	32.46	0.262	0.012415	15502	13.594	72.251	0.987
13.6781	3.00268	50.001	49.998	50.002	33.88	0.257	0.008113	15502	15.104	65.585	0.987
13.7044	3.00963	49.999	50	50.003	34.33	0.256	0.010215	15502	14.802	65.251	0.99
13.6656	2.99652	50.002	50.002	50.001	34.83	0.247	0.019292	15502	15.184	68.135	0.99
13.6426	2.99521	49.997	50	50.003	33.43	0.245	0.021432	15502	16.622	59.297	0.988
13.6484	2.9893	50.004	49.999	49.994	33.35	0.236	0.02381	15502	17.457	58.121	0.988
13.659	2.99951	49.997	50	50.005	33.45	0.236	0.017634	15502	16.472	57.998	0.99
13.7079	3.00599	50.002	50.006	50.002	34	0.252	0.003987	15502	16.029	59.821	0.99
13.6538	2.99947	49.999	50	50.002	34.03	0.258	0.012802	15502	15.828	57.662	0.988
13.667	2.99678	50.002	50.001	50	34.67	0.256	0.005577	15502	14.963	58.594	0.99
13.6582	2.99924	50.001	50.002	50.004	34.17	0.258	0.010534	15502	13.836	67.199	0.991
13.665	2.99433	49.999	50	50.001	33.08	0.258	0.004049	15502	11.358	78.661	0.991
13.6783	3.00738	50.001	49.999	50.004	30.65	0.252	0.007647	15502	9.362	87.676	0.99
13.673	2.99882	49.998	50	49.997	29.14	0.253	0.016369	15502	8.354	91.452	0.99
13.6734	3.00782	49.997	49.997	50.004	27.84	0.264	0.018185	15502	7.325	92.873	0.991
13.6831	3.00016	49.995	49.996	49.992	27	0.259	0.013468	15502	6.537	93.608	0.987
13.7039	3.00972	50.003	50	50.003	26.47	0.249	0.014962	15502	6.325	94.326	0.99
13.7163	3.01501	49.999	49.998	49.999	26.47	0.252	0.006518	15502	6.194	94.654	0.991
13.6756	2.99838	50.002	50.002	50.001	26.47	0.26	0.012311	15502	6.214	94.864	0.992
13.6844	3.00722	50.001	50.002	50	26.46	0.252	0.02325	15502	5.528	94.83	0.991
13.6462	2.99112	50.002	50.001	50	25.48	0.266	0.005958	15502	4.75	95.053	0.988
13.6669	2.99815	50.004	50.002	49.997	24.73	0.268	0.011253	15502	4.417	95.313	0.989
13.6897	3.00697	50.002	50.001	50.001	24.4	0.263	0.004903	15502	4.477	95.527	0.988
13.6699	3.00602	50.005	50.002	49.998	24.92	0.255	0.01574	15502	5.427	95.836	0.988
13.6463	2.99355	50.002	49.998	50.001	27.9	0.25	0.011658	15502	10.945	81.8	0.99
13.6399	2.98939	50.003	50.001	50.001	33.41	0.253	0.004481	15502	14.097	70.499	0.993
13.6726	3.00287	50.003	49.999	50.002	33.49	0.241	0.024459	15502	15.898	60.152	0.991
13.6692	2.99504	50	50.004	49.997	33.47	0.237	0.009402	15502	16.753	55.219	0.991
13.6733	2.99749	49.997	49.998	50.001	33.42	0.246	0.017757	15502	17.989	49.902	0.988
13.6614	2.99787	50	50.003	50.001	33.35	0.246	0.007736	15502	19.044	46.708	0.987
13.6724	3.00039	49.999	49.996	50.002	33.38	0.241	0.024838	15502	19.205	43.003	0.986
13.6375	2.99552	49.998	49.999	50.003	33.38	0.243	0.009548	15502	19.225	46.184	0.983
13.6762	3.00815	50	49.998	49.995	33.36	0.238	0.030655	15502	19.366	44.91	0.984

13.6765	2.99893	50	50.004	50.006	34.08	0.241	0.007856	15502	17.256	53.4	0.984
13.6606	2.99383	50.001	50.004	49.999	34.17	0.24	0.008728	15502	15.627	58.727	0.983
13.7055	3.00672	50.002	50.001	49.996	33.09	0.252	0.028021	15502	13.765	70.732	0.984
13.6574	3.0001	50	50.003	49.997	31.8	0.251	0.05292	15502	13.091	71.647	0.983
13.6941	3.00132	50.002	49.996	50.001	30.66	0.259	0.011967	15502	12.245	74.086	0.984
13.6634	2.99979	50.002	49.998	49.999	29.99	0.256	0.025613	15502	11.661	79.919	0.983
13.6948	3.0067	50.004	49.997	49.998	29.91	0.248	0.016738	15502	11.509	79.119	0.982
13.6901	3.00174	50.006	49.997	50.001	29.82	0.243	0.018595	15502	11.731	76.119	0.982
13.6624	3.00052	49.999	50.004	50.002	29.89	0.251	0.020658	15502	12.164	75.183	0.98
13.6807	3.00235	50.004	49.997	50.002	29.91	0.245	0.0153	15502	11.6	77.687	0.98
13.686	3.00679	49.997	49.997	50.001	29.52	0.247	0.016997	15502	11.237	80.51	0.98
13.6795	2.99941	50.002	49.997	50.001	29.22	0.248	0.018883	15502	11.137	80.488	0.979
13.6934	3.00637	49.998	50.003	49.998	28.86	0.253	0.020978	15502	10.844	81.422	0.979
13.654	2.99711	49.997	50	50.001	28.95	0.253	0.023305	15502	10.572	83.322	0.979
13.6812	2.99976	49.998	49.998	49.998	28.84	0.254	0.029343	15502	11.127	82.783	0.977
13.6619	2.99624	49.998	50	50.003	31.6	0.238	0.032599	15502	14.56	71.208	0.979
13.6305	2.99561	49.997	50	49.996	33.35	0.241	0.007371	15502	18.653	58.724	0.979
13.6939	3.00452	49.999	49.996	50.001	33.35	0.231	0.008189	15502	21.494	51.346	0.978
13.6692	3.00794	49.999	49.999	50.007	33.34	0.248	0.008027	15502	23.982	45.165	0.977
13.6951	3.00905	50.004	50	50	33.17	0.248	0.025773	15502	25.405	42.983	0.977
13.667	3.00399	49.996	49.998	50.004	33.13	0.238	0.271021	15502	26.547	40.52	0.975
13.6221	2.98803	50	49.995	50	33.12	0.233	0.036049	15502	27.138	39.666	0.976
13.6677	3.00016	49.995	49.998	50.003	33.16	0.244	0.040049	15502	27.238	39.539	0.974
13.6463	2.99969	50	49.996	50.003	33.08	0.228	0.015395	15502	26.767	39.491	0.972
13.6539	2.99746	49.999	49.999	49.999	33.32	0.234	0.017103	15502	24.934	42.828	0.972
13.6603	2.99849	50	50.004	50.002	33.48	0.236	0.019001	15502	23.019	46.062	0.973
13.6719	3.0006	49.995	49.991	49.996	33.38	0.243	0.103706	15502	21.033	52.787	0.973
13.6544	2.99388	50.004	50	49.995	33.6	0.245	0.02345	15502	19.989	55.572	0.973
13.6482	3.00009	50	50.001	49.998	33.87	0.244	0.015325	15502	19.788	56.031	0.972
13.6657	3.00242	50	50.002	49.999	33.36	0.239	0.025537	15502	19.245	59.233	0.972
13.6712	2.99453	49.995	50.001	50	34.65	0.24	0.02837	15502	18.11	65.43	0.972
13.6738	2.99787	50	50.001	50.007	34.72	0.249	0.01854	15502	18.301	65.691	0.971
13.6805	3	49.998	49.998	49.997	34.72	0.234	0.012116	15502	18.241	68.415	0.971
13.6755	3.00092	50	49.997	50.009	34.72	0.242	0.01346	15502	17.698	70.966	0.97
13.6902	3.00344	49.996	50.006	50.001	34.46	0.24	0.014953	15502	17.266	73.667	0.968
13.6431	3.00062	49.999	49.999	49.998	34.1	0.243	0.016612	15502	16.864	76.465	0.969

13.6715	3.0054	50	50.002	49.999	34.03	0.246	0.010856	15502	16.341	79.946	0.969
13.6479	2.99278	49.998	50.009	50.002	33.85	0.238	0.020503	15502	16.321	82.117	0.967
13.7051	3.00528	49.999	50.001	49.997	34.01	0.244	0.038721	15502	16.954	83.665	0.969
13.6559	3.0026	50	50.002	49.997	33.35	0.243	0.043017	15502	19.667	70.734	0.97
13.6654	2.99801	49.997	50.002	50	33.3	0.249	0.047789	15502	21.103	49.332	0.97
13.697	3	50.003	49.997	49.998	33.31	0.237	0.018371	15502	21.073	43.48	0.969
13.6689	2.99453	50	50.004	50.005	33.35	0.235	0.058981	15502	20.4	43.304	0.969
13.6526	3.00076	50	50.003	49.998	33.35	0.237	0.015115	15502	20.671	40.859	0.969
13.643	2.99367	49.998	50.004	49.999	33.14	0.246	0.0825	15502	23.551	33.92	0.969
13.6467	2.99485	50.002	49.999	50	33.05	0.231	0.053914	15502	25.225	26.898	0.966
13.6738	3.00694	49.999	50.007	49.998	33.18	0.231	0.196176	15502	24.222	28.18	0.966
13.6544	2.99397	49.998	49.994	49.997	33.05	0.237	0.075412	15502	22.849	33.197	0.967
13.6616	2.99642	50.001	49.998	50.001	33.35	0.234	0.055852	15502	20.45	40.868	0.969
13.6909	3.00249	50.001	50	50	34.66	0.241	0.02147	15502	19.095	44.78	0.97
13.6503	2.9944	50.002	50.006	49.999	34.68	0.242	0.023852	15502	18.844	45.074	0.968
13.6295	2.99385	49.997	49.998	49.995	34.04	0.239	0.045047	15502	18.211	48.641	0.969
13.6638	3.00065	50.003	50.003	49.995	34.04	0.24	0.029438	15502	18.371	47.488	0.97
13.6723	2.99732	49.997	49.998	49.999	33.93	0.239	0.032704	15502	16.753	51.359	0.968
13.6712	2.9974	50	50.002	50.003	32.68	0.239	0.024221	15502	14.651	56.471	0.97
13.6817	3.00005	50.002	49.999	50	31.97	0.24	0.026909	15502	13.312	57.778	0.972
13.6825	3.00669	49.999	50.004	50.002	30.65	0.255	0.017585	15502	12.043	62.033	0.971
13.6775	3.00222	50.002	50	50.001	29.91	0.236	0.011491	15502	11.59	65.135	0.97
13.6846	3.00784	49.998	50	49.998	29.84	0.262	0.008511	15502	11.922	64.606	0.97
13.6778	2.99816	50	49.999	49.995	29.33	0.261	0.009455	15502	11.59	65.856	0.971
13.6896	3.00198	49.997	50	50.004	29.22	0.238	0.010504	15502	11.328	66.91	0.972
13.6643	3.00041	49.999	49.999	50.003	29.06	0.241	0.019838	15502	10.955	66.758	0.973
13.6581	2.9904	49.997	49.997	50	28.6	0.257	0.007626	15502	10.955	66.431	0.973
13.6564	3.00269	49.997	50.001	50.003	29.22	0.247	0.014402	15502	11.419	65.438	0.975
13.6397	2.99717	50.001	50.003	50.001	31.61	0.253	0.009412	15502	12.094	62.553	0.973
13.6716	2.99635	50.001	50.001	50.003	34.07	0.251	0.010456	15502	13.936	57.254	0.976
13.6434	2.99797	50.003	50.005	49.996	33.65	0.245	0.317768	15502	15.617	52.62	0.977
13.6849	3.00802	50.005	49.997	49.999	33.39	0.249	0.024863	15502	17.236	50.741	0.975
13.6773	3.00048	49.998	49.998	50.001	33.35	0.252	0.009558	15502	18.412	46.916	0.975
13.6839	3.00056	50.001	49.997	49.997	33.35	0.237	0.018051	15502	18.552	45.78	0.973
13.686	2.9999	50.006	49.999	50.002	33.35	0.245	0.020053	15502	19.968	43.187	0.973
13.6548	2.99281	49.999	49.997	50.002	33.67	0.233	0.013105	15502	18.482	46.958	0.977

13.683	3.00219	50.001	50	50.004	33.96	0.235	0.024749	15502	17.618	48.912	0.975
13.7005	3.00335	50	49.998	49.997	33.74	0.248	0.027495	15502	14.752	58.148	0.978
13.6693	3.00205	50	50.001	50.003	31.97	0.259	0.030546	15502	11.519	70.089	0.977
13.6534	2.99923	50.003	49.997	49.995	30.56	0.251	0.033934	15502	11.479	63.297	0.977
13.6633	3.00155	50.002	50.001	50.003	29.19	0.247	0.022176	15502	9.483	71.235	0.978
13.6708	2.993	49.994	49.999	49.998	28.06	0.245	0.027921	15502	7.587	81.087	0.978
13.669	3.00293	49.999	50.002	49.995	27.04	0.249	0.018246	15502	6.739	87.222	0.977
13.6717	2.99806	49.997	49.999	49.997	26.22	0.252	0.011924	15502	5.861	87.641	0.978
13.6788	3.00337	50	50	49.997	25.23	0.242	0.013247	15502	4.942	90.852	0.979
13.6759	3.00462	50.001	50.004	49.999	24.69	0.241	0.016679	15502	4.881	92.375	0.979
13.6577	2.99762	49.998	49.996	50	24.79	0.252	0.010899	15502	5.679	91.944	0.979
13.6795	3.00277	49.997	49.997	50	25.09	0.247	0.012109	15502	4.78	90.617	0.978
13.6723	2.9958	49.998	49.999	50.008	24.39	0.244	0.013452	15502	3.982	92.049	0.98
13.6634	2.99771	50.001	50.001	50.004	23.77	0.269	0.016937	15502	3.851	93.115	0.979
13.667	3.00198	50.003	50.001	50.002	23.73	0.267	0.031987	15502	5.144	91.824	0.982
13.652	2.99563	49.993	50.003	50.008	26.62	0.246	0.040274	15502	9.705	77.905	0.983
13.7064	3.00608	50.001	50	50.002	33.35	0.259	0.026319	15502	13.534	58.341	0.983
13.6585	2.99742	50	49.998	49.998	33.66	0.24	0.010117	15502	15.486	46.489	0.985
13.6618	3.00159	50.004	49.999	50	33.45	0.243	0.006611	15502	16.311	41.759	0.984
13.6641	3.00183	49.997	50	50.003	33.54	0.246	0.036086	15502	18.06	38.315	0.984
13.6487	2.99857	50.003	50	50.001	33.35	0.255	0.00816	15502	18.391	35.523	0.984
13.6695	3.00048	50	49.999	50.001	33.44	0.242	0.044537	15502	19.125	32.792	0.983
13.6672	3.00536	50.002	50.004	50.002	33.52	0.247	0.010071	15502	18.874	33.593	0.984
13.6767	2.99794	50.003	50.002	50.002	33.35	0.254	0.01268	15502	18.713	34.603	0.983
13.6711	3.00232	49.997	49.997	50.003	34.59	0.244	0.04071	15502	16.401	40.919	0.983
13.6703	3.00611	49.997	50	49.999	33.34	0.255	0.130705	15502	12.577	59.213	0.983
13.6891	2.99643	50.001	50	50.003	31.23	0.249	0.017386	15502	9.967	74.5	0.984
13.6484	2.99716	50.002	50.004	49.999	29.23	0.255	0.032834	15502	8.354	80.855	0.984
13.6716	3.00325	49.999	49.997	49.998	27.89	0.263	0.012622	15502	7.274	84.94	0.984
13.6742	3.00046	50.003	49.998	50.001	27.16	0.244	0.014022	15502	6.537	87.902	0.983
13.6561	2.98687	50.003	50.003	50	26.79	0.254	0.030013	15502	7.183	88.901	0.983
13.6851	3.0061	49.998	49.997	49.997	27.15	0.252	0.019614	15502	6.709	89.392	0.983
13.6747	3.00044	50.001	50	49.998	26.47	0.253	0.021789	15502	6.214	91.314	0.984
13.671	2.99568	50	49.996	49.998	25.84	0.249	0.014239	15502	5.548	92.431	0.984
13.6471	2.99825	50.002	49.998	50.002	25.67	0.253	0.026892	15502	5.245	93.315	0.983
13.6612	3.00127	50.003	49.997	50.001	25.21	0.243	0.033859	15502	5.104	92.97	0.983

13.6743	3.00435	49.998	50.002	50.007	25.13	0.256	0.013016	15502	6.719	85.483	0.983
13.6926	3.00082	49.996	49.999	50	26.21	0.256	0.01446	15502	7.88	82.246	0.982
13.6682	3.00106	50.003	50.005	49.999	27.25	0.251	0.046425	15502	9.544	77.621	0.983
13.6629	2.99522	50.001	50.005	50.001	29.91	0.251	0.030339	15502	12.97	62.615	0.985
13.6464	2.99539	49.999	50.004	50.005	32.69	0.251	0.033704	15502	15.325	52.702	0.985
13.6694	3.00058	49.998	49.993	49.998	33.58	0.251	0.022026	15502	16.451	48.477	0.983
13.6738	3.00787	50	50.004	50.001	33.53	0.258	0.080145	15502	17.628	45.475	0.984
13.6885	3.00406	50.005	50.001	49.994	33.35	0.246	0.030809	15502	19.687	38.183	0.983
13.6798	2.99774	50.002	49.998	49.998	33.27	0.245	0.098915	15502	21.253	32.846	0.981
13.6437	2.99968	50	50.003	49.999	33.35	0.256	0.06464	15502	21.906	28.069	0.982
13.6691	2.99218	50	50	50.002	33.35	0.241	0.042242	15502	22.086	24.583	0.983
13.6444	2.99953	50	49.997	49.997	33.38	0.246	0.135623	15502	20.711	19.26	0.983
13.6226	2.99201	49.999	50.003	50.001	34.19	0.253	0.052135	15502	17.698	20.026	0.985
13.6533	2.9908	49.997	49.999	50.001	33.01	0.265	0.020041	15502	15.305	28.8	0.985
13.669	3.00158	50.002	50.001	49.997	31.28	0.249	0.022265	15502	12.134	36.713	0.986
13.6586	2.99978	49.999	50.001	50.005	29.57	0.256	0.042049	15502	11.086	43.477	0.986
13.6485	2.99458	50.005	50.008	50.001	28.11	0.259	0.016164	15502	9.554	47.586	0.988
13.69	3.00526	49.999	49.997	50	26.63	0.264	0.030527	15502	7.829	53.409	0.986
13.6558	2.99682	49.999	50.003	49.999	25.75	0.248	0.019949	15502	6.336	63.908	0.988
13.6527	2.99601	49.996	49.999	49.996	24.8	0.253	0.007669	15502	5.598	65.547	0.986
13.6721	2.99627	50.004	49.998	49.996	24.19	0.258	0.016414	15502	4.992	72.083	0.987
13.6757	2.9983	49.999	50.002	49.999	23.68	0.255	0.010727	15502	4.902	73.588	0.988
13.6529	2.99331	50.002	50.003	49.998	23.15	0.262	0.011917	15502	4.7	74.149	0.987
13.6366	2.99298	49.997	49.998	49.996	23.03	0.267	0.025507	15502	4.841	73.55	0.988
13.6476	2.99512	50.001	50.001	50	22.52	0.254	0.018891	15502	3.952	75.927	0.99
13.6668	2.99862	50	49.998	49.995	21.88	0.264	0.023785	15502	3.911	78.131	0.99
13.681	3.0037	50.002	49.998	50.003	23.03	0.248	0.026424	15502	4.74	77.028	0.991
13.6422	2.99342	50.002	50.004	50.001	25.08	0.255	0.033269	15502	8.374	64.351	0.992
13.6952	3.00922	49.998	50	49.997	30.61	0.254	0.007523	15502	10.794	53.629	0.992
13.6864	3.00953	50.005	50	50.002	34.12	0.266	0.024153	15502	12.154	46.327	0.993
13.6956	2.99917	49.995	49.992	49.996	34.03	0.268	0.009285	15502	12.909	43.693	0.994
13.6859	3.00103	49.999	49.998	49.996	34.04	0.251	0.02981	15502	12.909	39.359	0.994
13.6873	3.00866	50.002	50	50.002	34.64	0.264	0.056299	15502	13.352	37.862	0.992
13.6592	2.99931	50.001	49.999	49.995	34.1	0.25	0.106327	15502	13.373	32.272	0.993
13.7072	3.00513	50.003	49.995	50.006	33.52	0.262	0.021214	15502	13.514	34.548	0.994
13.6849	3.00618	50.001	50.001	50.001	33.61	0.247	0.013863	15502	13.121	33.095	0.994

13.6753	2.99828	49.998	50.001	50.003	33.35	0.246	0.00906	15502	10.754	39.55	0.994
13.665	2.99764	49.997	50	50	29.74	0.261	0.01711	15502	8.435	45.955	0.992
13.6522	2.99834	50.001	50.002	50.002	27.17	0.264	0.019008	15502	6.255	60.729	0.993
13.6508	2.99633	50.002	50.001	50	25.42	0.26	0.014078	15502	4.124	68.784	0.993
13.654	2.9981	50.001	50	49.997	24.09	0.258	0.026588	15502	3.497	69.055	0.992
13.6625	2.9967	50	49.997	49.999	23.03	0.249	0.011583	15502	2.992	69.787	0.991
13.684	3.00136	49.999	50.005	50.001	22.34	0.26	0.008579	15502	2.84	69.033	0.992
13.6818	3.00502	50	49.999	49.997	21.67	0.271	0.009531	15502	1.849	74.477	0.994
13.6603	2.99838	49.998	50.009	49.998	20.97	0.271	0.007059	15502	1.08	76.932	0.993
13.679	3.00177	49.994	50.003	49.997	20.28	0.26	0.013331	15502	0.939	75.626	0.994
13.6884	3.00557	50.001	50.001	49.996	19.73	0.277	0.005125	15502	0.433	77.458	0.993
13.6926	3.00704	49.999	49.998	49.993	20.38	0.271	0.009678	15502	0.089	74.762	0.992
13.6708	2.99648	49.999	49.999	49.998	20.38	0.267	0.012186	15502	-0.701	76.901	0.995
13.6895	3.00163	49.996	50	50.003	22.33	0.251	0.023014	15502	-1.369	80.423	0.997
13.6784	2.99992	49.999	49.999	49.997	21.67	0.261	0.003061	15502	-0.286	74.195	0.996
13.6617	3.00355	50.003	50.004	50.006	23.73	0.261	0.011139	15502	4.477	58.917	0.998
13.6705	3.00225	50.004	50.002	50.007	29.22	0.255	0.012375	15502	7.506	44.811	0.999
13.6517	2.99591	50	50	50.009	33.33	0.256	0.045027	15502	9.604	33.807	1
13.6592	3.00026	49.998	49.997	49.999	34.57	0.25	0.029425	15502	10.3	33.972	1
13.6854	3.00746	50.002	49.997	50.003	34.18	0.261	0.011311	15502	10.965	32.527	1
13.6898	3.00529	49.998	50.002	50	34.72	0.256	0.012566	15502	11.419	32.096	0.998
13.6753	3.00508	50.002	50.001	50.004	34.04	0.253	0.023732	15502	12.859	31.001	0.997
13.6842	3.01036	50.001	49.997	50.004	34.03	0.252	0.017577	15502	12.99	30.876	0.996
13.673	2.99604	49.995	50.002	50	34.38	0.257	0.033196	15502	12.768	31.266	0.997
13.6904	2.9988	50.001	50.004	49.997	32.66	0.256	0.01126	15502	10.643	37.121	0.996
13.6677	2.99528	50.001	50.003	49.999	29.16	0.256	0.04097	15502	7.254	53.416	0.994
13.6804	3.00648	49.998	50.003	49.995	26.49	0.262	0.006176	15502	4.72	65.765	0.996
13.6569	3.00174	49.998	49.998	50.002	24.65	0.267	0.006861	15502	3.285	73.105	0.994
13.6583	2.99682	49.999	50	49.994	23.56	0.26	0.007623	15502	2.779	70.132	0.994
13.6542	2.9949	50.001	50	49.998	22.74	0.255	0.027736	15502	3.73	62.958	0.994
13.653	2.99986	50	49.999	50.005	22.31	0.247	0.018126	15502	1.303	79.187	0.994
13.674	3.00715	49.998	50	50	21.6	0.263	0.038796	15502	1.89	73.168	0.994
13.6636	2.99504	49.996	50.001	50	20.98	0.269	0.025353	15502	0.413	82.88	0.994
13.7192	3.00922	50.003	49.997	50.002	20.69	0.255	0.018777	15502	1.283	76.087	0.993
13.6394	2.99509	50.008	50.004	50.007	20.4	0.249	0.020861	15502	1.637	72.417	0.995
13.6763	3.0024	49.998	49.999	50.004	20.29	0.277	0.013632	15502	1.546	72.047	0.996

13.6832	3.00507	49.999	50.001	49.998	20.28	0.268	0.015145	15502	0.939	72.274	0.995
13.6652	2.99535	50	50.001	49.999	19.98	0.268	0.016825	15502	0.554	73.709	0.996
13.6531	2.99658	50.001	50.002	50.002	20.06	0.259	0.012461	15502	1.161	71.516	0.998
13.6425	2.99382	50.003	50.006	50.003	22.96	0.254	0.040007	15502	5.467	61.603	0.998
13.6702	3.0007	50.003	50.002	50.006	30.59	0.253	0.029631	15502	10.078	45.566	0.999
13.6582	3.00254	50	49.998	49.991	34.03	0.258	0.019363	15502	12.597	34.493	1.001
13.68	3.00628	50	49.998	50.004	34.04	0.256	0.03657	15502	14.661	30.06	1
13.6821	3.00635	49.997	50.002	50	33.71	0.255	0.040627	15502	15.365	28.424	0.999
13.6887	3.00054	49.999	50	50.002	33.56	0.249	0.02655	15502	15.707	27.858	0.998
13.6682	3.00089	49.998	49.999	50.001	33.82	0.262	0.050142	15502	16.079	25.994	0.995
13.6915	3.00677	49.998	50.005	49.998	33.65	0.247	0.032767	15502	16.512	24.258	0.996
13.6976	3.00148	50.001	49.996	50	33.51	0.248	0.024268	15502	16.773	25.198	0.996
13.6987	3.00397	50.004	49.999	49.995	34.72	0.251	0.040441	15502	14.46	32.064	0.994
13.6606	2.99485	50.003	49.999	50	32.4	0.251	0.010364	15502	9.483	49.422	0.996
13.6481	2.99494	50	49.999	49.997	29.38	0.255	0.019573	15502	6.83	68.851	0.995
13.6645	3.00465	50.003	49.999	49.999	27.31	0.253	0.024644	15502	5.649	73.311	0.994
13.6717	3.00312	49.995	49.997	50.003	26.15	0.275	0.027378	15502	5.952	66.983	0.992
13.6787	3.00601	50.001	49.998	50.002	25.89	0.255	0.020277	15502	9.181	45.674	0.992
13.6589	3.00032	50.002	49.999	50	26.46	0.257	0.013251	15502	8.657	48.148	0.993
13.6306	2.98761	49.994	49.997	50.003	26.41	0.255	0.025026	15502	8.233	54.386	0.992
13.6669	3.00271	49.999	50.004	50	26.42	0.259	0.080349	15502	8.414	56.146	0.991
13.7117	3.0053	49.999	50	49.997	26.44	0.25	0.030887	15502	8.616	53.137	0.992
13.6575	3.00212	50.005	49.995	49.996	26.27	0.249	0.038889	15502	9.03	50.549	0.991
13.6612	2.99579	49.998	50	50.002	26.39	0.252	0.043203	15502	9.241	51.273	0.991
13.6699	2.99897	49.996	50.001	49.999	26.46	0.268	0.028233	15502	8.939	51.748	0.988
13.6632	3.00483	50.005	50.001	49.999	26.47	0.255	0.035547	15502	9.665	49.202	0.99
13.6443	2.9937	50.001	49.995	49.997	26.66	0.268	0.02323	15502	10.3	46.47	0.99
13.6841	3.00489	49.997	50.001	49.999	28.65	0.248	0.074582	15502	12.748	41.229	0.987
13.6483	2.99277	50.003	49.998	50.002	32.66	0.251	0.048739	15502	14.852	36.721	0.99
13.6993	3.00569	50	49.999	50.003	33.78	0.245	0.054147	15502	17.165	32.683	0.989
13.6707	2.99786	49.995	49.999	50.001	33.88	0.249	0.102261	15502	19.145	31.135	0.986
13.6756	3.00885	50.001	50.003	50.002	33.37	0.244	0.066827	15502	21.013	28.139	0.987
13.6889	3.00328	49.995	50.006	50.002	33.35	0.242	0.049494	15502	22.668	25.774	0.984
13.6457	2.9914	50	49.999	50.001	33.35	0.241	0.093475	15502	24.042	25.083	0.986
13.6889	3.00488	50	49.999	50	33.35	0.238	0.300112	15502	23.972	26.517	0.983
13.6809	2.99964	50.002	50	50.002	33.42	0.24	0.196122	15502	23.22	28.669	0.983

13.6444	3.00035	50.003	50.002	50	33.57	0.243	0.044348	15502	21.725	32.576	0.984
13.6844	3.00123	50	50.003	50.003	33.85	0.253	0.032845	15502	20.219	36.176	0.983
13.7019	3.00617	50.002	49.995	50.002	34.25	0.263	0.036489	15502	19.527	36.176	0.983
13.6978	3.00244	50.004	50.002	50	34.74	0.253	0.023845	15502	18.854	37.291	0.984
13.6678	2.99851	50.002	50.002	49.998	34.67	0.253	0.026491	15502	18.1	38.254	0.985
13.674	2.99765	50.004	49.998	49.997	34.02	0.263	0.01962	15502	17.175	40.379	0.985
13.6477	2.99179	50.002	50	49.997	33.35	0.254	0.021797	15502	16.351	42.74	0.983
13.6639	2.99659	50.002	49.999	50.001	32.68	0.251	0.024215	15502	15.828	45.065	0.984
13.6684	3.00481	49.995	49.999	50.001	32.21	0.249	0.026901	15502	15.275	46.335	0.985
13.6686	2.99936	49.999	49.999	50.003	31.97	0.257	0.050806	15502	14.832	47.924	0.985
13.6505	2.99941	50.001	49.997	50.001	31.84	0.266	0.033201	15502	14.601	49.362	0.986
13.6682	2.99248	49.999	50.002	49.998	31.29	0.254	0.02459	15502	14.138	51.092	0.986
13.6539	3.00065	49.995	50	50.004	31.23	0.258	0.04644	15502	13.816	50.988	0.985
13.678	2.99776	50	50	50.005	31.06	0.255	0.017852	15502	13.222	54.613	0.986
13.7094	3.00451	50.002	49.998	49.996	30.63	0.257	0.057316	15502	12.869	51.809	0.984
13.6433	2.9965	50	49.998	50.005	32.19	0.243	0.037456	15502	15.023	45.351	0.987
13.6654	3.00187	50.001	50	49.998	33.98	0.258	0.070739	15502	17.477	40.148	0.987
13.6544	3.00194	49.995	50.001	50.002	33.37	0.246	0.027193	15502	19.587	35.843	0.987
13.6812	3.00433	49.998	49.997	50.002	33.35	0.252	0.058204	15502	23.17	29.514	0.986
13.6457	2.99138	49.997	49.998	50.003	33.35	0.243	0.033561	15502	24.273	27.756	0.985
13.6689	2.99731	49.999	49.997	49.998	33.35	0.24	0.042256	15502	25.014	26.595	0.985
13.6765	2.99944	49.999	50.004	49.998	33.36	0.256	0.046944	15502	23.922	30.141	0.985
13.6659	3.00012	50.002	50	49.997	33.35	0.238	0.088658	15502	24.353	30.671	0.982
13.6727	2.99748	50.004	50.002	50.004	33.38	0.233	0.057938	15502	25.014	29.133	0.983
13.6672	2.99738	50.002	49.994	50	33.37	0.241	0.013101	15502	23.571	31.694	0.982
13.6587	2.99566	49.997	49.999	49.997	33.55	0.249	0.047671	15502	20.44	42.75	0.984
13.6563	2.99919	50.003	49.999	49.998	34.49	0.264	0.05296	15502	17.577	69.183	0.987
13.6772	2.99926	50	49.999	50.002	33.34	0.244	0.034609	15502	15.446	87.148	0.987
13.635	2.99469	49.999	49.999	49.998	33.31	0.248	0.011739	15502	14.621	93.066	0.985
13.6492	2.99366	49.998	50.005	49.996	33.82	0.249	0.037689	15502	14.721	91.299	0.986
13.6711	2.99781	50.004	49.997	50.001	34.15	0.256	0.024629	15502	14.309	93.42	0.987
13.6594	2.99922	50	50.003	50.001	33.54	0.268	0.027362	15502	14.299	86.33	0.986
13.6679	2.99319	49.997	50	50.002	33.35	0.262	0.051676	15502	14.762	82.037	0.987
13.6646	2.99651	49.998	50.001	49.996	32.83	0.255	0.011685	15502	14.943	80.819	0.986
13.6638	2.99507	50.001	49.999	49.999	32.67	0.252	0.022068	15502	15.255	78.443	0.985
13.6571	2.99701	49.998	50	49.999	33.12	0.243	0.024517	15502	15.516	79.033	0.986

13.6365	2.99324	49.998	49.997	49.999	33.44	0.253	0.024032	15502	15.768	78.196	0.986
13.67	3.00514	50	49.998	50	33.33	0.256	0.026699	15502	15.506	79.006	0.985
13.68	2.99855	50.001	49.999	50.001	33.35	0.247	0.050423	15502	15.214	82.041	0.985
13.6843	3.00175	49.996	50.002	50	34.07	0.268	0.019383	15502	16.401	78.123	0.986
13.6745	3.00133	49.995	50	49.997	33.37	0.246	0.062232	15502	18.482	72.668	0.987
13.6861	3.0027	50.001	49.999	50.003	33.38	0.259	0.014072	15502	19.717	65.91	0.986
13.6979	3.005	50	50.006	49.999	33.34	0.244	0.076806	15502	21.856	60.539	0.985
13.6719	3.00449	49.997	50	49.999	33.26	0.238	0.044287	15502	23.36	55.168	0.986
13.668	2.99621	49.998	49.998	50.001	33.19	0.247	0.028942	15502	24.643	51.516	0.986
13.6795	3.00163	50	49.999	49.997	33.25	0.241	0.018913	15502	24.824	50.743	0.985
13.6657	2.99591	50	49.999	50.001	33.15	0.24	0.021011	15502	24.944	51.525	0.983
13.6643	3.00389	50.004	50	49.996	33.13	0.239	0.039682	15502	24.774	52.611	0.985
13.6927	3.00481	50.004	50.002	49.996	33.35	0.243	0.015254	15502	23.13	57.718	0.984
13.6563	3.00106	50	50.001	49.998	33.6	0.263	0.016947	15502	19.908	68.719	0.985
13.647	2.99127	49.995	50.002	49.997	34.31	0.258	0.032005	15502	18.381	75.618	0.987
13.6817	3.00328	50.006	49.998	49.998	34.01	0.249	0.020915	15502	16.713	84.269	0.985
13.6514	2.99961	49.998	50	49.995	34.72	0.259	0.01206	15502	15.184	89.608	0.986
13.6692	2.99805	50	50.003	50.003	34.73	0.255	0.007881	15502	14.852	91.447	0.985
13.6638	3.00167	50.001	50.002	50	34.78	0.246	0.00515	15502	14.862	91.782	0.987
13.6889	3.00181	50	49.997	49.998	34.77	0.243	0.016536	15502	15.627	88.869	0.988
13.6456	2.99552	50.001	49.997	50.001	34.72	0.252	0.01837	15502	14.57	91.216	0.986
13.6972	3.01126	50.002	50.004	50	34.3	0.261	0.020408	15502	14.077	92.308	0.988
13.7093	3.00516	49.997	50.001	50.004	34.05	0.259	0.007845	15502	13.695	90.695	0.987
13.6952	3.00747	50.002	50	49.999	33.74	0.258	0.025188	15502	13.906	85.578	0.988
13.6783	2.99702	50.002	50.002	49.999	33.44	0.266	0.027982	15502	13.604	84.388	0.991
13.6524	2.99727	49.998	49.998	50.001	32.76	0.254	0.018286	15502	13.212	84.819	0.99
13.6303	2.9956	49.998	49.999	50.006	32.05	0.25	0.01195	15502	12.768	86.217	0.991
13.6485	2.99502	50.002	49.997	50.001	32.52	0.249	0.019914	15502	13.332	78.436	0.992
13.6595	2.99679	49.997	49.996	49.997	33.14	0.258	0.022123	15502	13.574	74.642	0.993
13.6464	2.99385	50	50.001	49.996	33.58	0.252	0.047352	15502	16.904	62.034	0.993
13.6519	2.99538	50	50	49.999	33.4	0.253	0.018203	15502	18.753	54.995	0.994
13.6892	3.00494	49.995	50	50.003	33.41	0.252	0.034377	15502	19.085	51.334	0.991
13.6646	2.99527	50.002	50.001	50.001	33.36	0.245	0.038191	15502	21.083	46.962	0.991
13.6571	2.99231	50.004	49.996	49.997	33.5	0.249	0.042428	15502	20.792	46.57	0.988
13.6752	3.00712	50	49.999	50.004	33.6	0.243	0.08013	15502	21.113	45.476	0.991
13.6589	2.99858	50.002	49.995	50	33.47	0.239	0.020535	15502	19.978	46.727	0.99

13.6818	3.00773	49.998	49.999	50.002	34.04	0.249	0.038783	15502	17.195	49.171	0.991
13.6771	3.0009	50.002	50	49.999	34.44	0.247	0.014908	15502	14.741	63.028	0.99
13.657	2.99501	50	50.003	49.997	33.13	0.262	0.016562	15502	14.017	68.717	0.991
13.6473	2.99338	50	49.998	49.999	31.34	0.256	0.010823	15502	12.688	74.205	0.991
13.641	2.99447	50	49.999	50.005	30.39	0.256	0.008016	15502	12.033	77.123	0.991
13.638	2.99586	49.996	49.999	49.998	29.91	0.251	0.008906	15502	11.983	76.375	0.993
13.6438	2.99381	50	49.997	49.996	29.36	0.253	0.009894	15502	11.933	71.685	0.99
13.6767	2.99634	50.002	50.003	50.001	29.22	0.272	0.018685	15502	11.681	69.07	0.99
13.6621	3.00103	50.001	49.997	49.999	29.22	0.257	0.01221	15502	11.358	72.023	0.99
13.7001	2.99879	49.999	50	50.001	29.48	0.263	0.013565	15502	11.318	75.93	0.988
13.6892	3.0011	50	49.999	50.003	29.41	0.267	0.010047	15502	11.6	72.278	0.99
13.6921	3.00565	50.003	49.999	49.999	29.91	0.263	0.018974	15502	11.479	66.25	0.991
13.6563	2.99976	50	50.001	50.003	29.91	0.262	0.021079	15502	11.237	67.522	0.988
13.677	3.00567	50.001	50.005	50.004	29.69	0.256	0.004767	15502	11.429	67.065	0.987
13.657	2.99091	50.003	49.996	49.999	29.7	0.269	0.026016	15502	11.812	68.173	0.988
13.7186	3.00642	50.001	49.999	50.001	31.09	0.254	0.010001	15502	13.01	64.348	0.987
13.652	2.99747	49.997	49.997	49.999	32.54	0.262	0.03639	15502	13.775	62.007	0.987
13.696	3.00941	49.999	50	49.997	33.97	0.255	0.040427	15502	15.476	59.938	0.986
13.6643	3.00071	49.999	50.001	49.997	34.04	0.266	0.026419	15502	16.27	61.727	0.986
13.6603	2.99588	49.999	49.999	50.004	33.96	0.255	0.033263	15502	16.572	61.484	0.987
13.6916	3.00301	49.997	49.998	50.001	33.62	0.254	0.021737	15502	17.517	60.058	0.984
13.6656	3.00229	50.001	50.001	50.001	33.64	0.245	0.06979	15502	18.532	60.868	0.983
13.6832	3.00145	49.998	49.999	50.002	33.75	0.246	0.026828	15502	18.592	60.288	0.982
13.6328	2.99332	49.999	50	50.002	33.38	0.26	0.017532	15502	15.768	86.091	0.983
13.6696	2.99871	50	50.004	49.996	33.01	0.253	0.029216	15502	15.969	91.192	0.982
13.6768	2.99697	50.001	50	49.996	32.66	0.263	0.019092	15502	16.311	91.641	0.981
13.6703	3.00266	50.004	50.001	50.001	33.47	0.242	0.061298	15502	18.02	89.676	0.979
13.6956	3.00221	49.997	49.998	49.995	34.13	0.249	0.023563	15502	18.723	90.102	0.98
13.7055	3.00507	49.999	49.998	49.994	33.9	0.256	0.015399	15502	18.944	89.082	0.979
13.6708	3.00038	49.999	49.997	50.001	33.63	0.248	0.029082	15502	19.286	87.911	0.979
13.6804	3.00322	49.998	49.998	50.002	33.37	0.24	0.032308	15502	19.366	87.285	0.98
13.6804	2.99651	49.998	50.003	50.001	33.35	0.26	0.007306	15502	19.396	86.934	0.98
13.6465	2.99171	50.006	50	49.999	34.09	0.261	0.020696	15502	19.105	87.886	0.977
13.6742	2.99832	50	50.002	50.002	34.1	0.248	0.039087	15502	18.643	89.078	0.978
13.6622	2.99638	49.995	49.998	49.994	34.08	0.257	0.015025	15502	18.331	90.652	0.978
13.7086	3.00585	50.002	49.999	49.998	33.44	0.255	0.009819	15502	18.412	90.718	0.977

13.6977	3.00834	49.998	50	50.002	34.04	0.245	0.018544	15502	18.663	90.827	0.977
13.653	2.99801	50	50.001	49.999	33.35	0.249	0.020602	15502	18.813	90.565	0.978
13.6953	2.99964	50.005	50	49.996	33.37	0.261	0.022887	15502	19.105	90.197	0.977
13.6592	3.00553	49.997	50.003	50.004	33.39	0.246	0.008798	15502	19.245	89.953	0.977
13.6598	2.99143	49.994	49.999	49.998	32.91	0.248	0.014661	15502	16.25	91.31	0.977
13.7146	3.00668	50.001	50.003	50.003	34.01	0.262	0.047071	15502	16.401	85.836	0.98
13.6892	3.01008	50.002	50.004	49.997	33.96	0.269	0.034862	15502	17.015	79.661	0.978
13.6687	2.99976	49.999	50.002	49.999	33.35	0.253	0.020102	15502	15.063	84.201	0.98
13.671	2.99744	50.004	49.997	50.003	32.59	0.246	0.02531	15502	14.379	84.665	0.98
13.6869	3.00025	49.997	50	49.999	32.45	0.256	0.008585	15502	14.419	81.79	0.981
13.6738	3.00454	50.003	49.999	49.993	31.3	0.262	0.016213	15502	13.695	85.313	0.979
13.6526	2.99446	50.001	49.997	49.998	29.97	0.253	0.020413	15502	12.94	86.727	0.981
13.6698	2.99671	49.998	50	50.001	29.25	0.258	0.007847	15502	12.577	84.956	0.984
13.6427	2.99535	49.994	49.998	49.999	29.22	0.251	0.025194	15502	12.386	79.633	0.985
13.6677	2.99933	49.997	49.997	49.997	29.41	0.246	0.027989	15502	11.882	75.356	0.986
13.6304	2.99114	50	50.002	50.001	29.44	0.259	0.010759	15502	11.661	73.889	0.985
13.6897	3.00657	50.002	49.995	49.998	29.72	0.257	0.023029	15502	11.479	74.475	0.986
13.6829	3.00824	50.004	49.996	50.002	29.93	0.27	0.008853	15502	11.278	74.795	0.988
13.684	3.00571	50.006	50	49.998	29.87	0.259	0.005785	15502	10.542	73.845	0.988
13.6979	3.0089	49.999	50	49.999	28.53	0.268	0.006427	15502	8.384	83.164	0.988
13.6947	3.00731	50	50.002	49.998	27.16	0.259	0.013756	15502	7.123	87.984	0.987
13.7056	3.0128	50	50	49.999	25.89	0.262	0.00899	15502	6.669	88.068	0.991
13.6808	3.00261	50.001	49.999	50	25.09	0.262	0.011319	15502	5.578	90.17	0.99
13.6542	2.99858	50.001	49.998	50.008	24.41	0.268	0.021377	15502	4.76	92.676	0.988
13.673	2.99614	50	50.002	49.997	23.85	0.272	0.005478	15502	4.366	94.024	0.991
13.6622	2.99548	49.997	50.003	50.002	23.52	0.256	0.017589	15502	3.305	94.604	0.992
13.6811	3.00343	49.996	50.003	49.998	23.03	0.262	0.013027	15502	3.568	95.269	0.994
13.6706	3.00185	49.998	50.002	50.006	25.21	0.259	0.024602	15502	7.264	87.953	0.993
13.6642	2.99547	50.002	50.001	50.006	32.29	0.273	0.010718	15502	12.285	71.623	0.995
13.6604	3.00179	50	50.003	50.005	33.53	0.255	0.020242	15502	15.365	54.685	0.994
13.6654	2.99577	49.996	49.999	50	33.48	0.255	0.064991	15502	16.492	43.502	0.995
13.6476	2.99787	50.002	49.994	49.998	33.49	0.267	0.042471	15502	16.492	45.913	0.996
13.6588	3.00063	50	50.005	50.003	33.35	0.255	0.016326	15502	17.376	40.07	0.995
13.6897	3.00075	50	49.997	49.998	33.46	0.264	0.034945	15502	18.221	38.8	0.994
13.6983	3.00534	49.998	50.001	49.998	33.49	0.252	0.013433	15502	18.472	37.355	0.994
13.6853	3.00368	49.993	50.005	49.997	33.45	0.252	0.02537	15502	17.165	37.89	0.994

13.6535	3.00114	49.999	49.999	50.001	34.14	0.27	0.011053	15502	13.02	54.012	0.994
13.6575	3.00134	50.002	49.995	49.996	31.97	0.272	0.060327	15502	9.524	70.769	0.995
13.6832	2.99486	50.002	49.999	49.999	29.33	0.268	0.013641	15502	7.587	80.369	0.995
13.6573	2.9962	49.999	50.001	49.995	27.61	0.267	0.010103	15502	6.487	86.825	0.993
13.6682	3.0011	49.998	49.998	49.999	26.47	0.267	0.003884	15502	6.073	89.441	0.994
13.693	3.00183	50	50	49.999	25.69	0.269	0.014132	15502	5.184	91.292	0.994
13.6398	2.99399	49.998	50.001	49.999	24.96	0.264	0.005432	15502	4.902	92.75	0.994
13.6534	2.99558	49.998	50.002	49.997	24.33	0.262	0.00684	15502	4.275	92.19	0.994
13.6876	3.008	50	49.999	50.003	23.72	0.26	0.007599	15502	3.74	91.736	0.994
13.6853	3.00233	49.998	49.996	49.997	23.27	0.268	0.009567	15502	3.164	92.845	0.992
13.6673	3.00218	50.008	50.006	50.001	23.01	0.267	0.010628	15502	2.911	93.339	0.992
13.7032	3.01112	50.001	50.002	50	22.54	0.257	0.00463	15502	2.385	94.069	0.992
13.6691	2.99987	49.999	50.002	49.998	22.34	0.271	0.014867	15502	2.223	94.515	0.992
13.6902	3.00886	49.996	50.002	49.998	22.34	0.277	0.011011	15502	2.233	94.792	0.994
13.6844	3.00328	50.005	50	50.006	22.34	0.266	0.013863	15502	2.759	95.078	0.993
13.6649	2.99639	50.002	50	50.002	26.01	0.271	0.026182	15502	9.342	76.653	0.995
13.6398	2.99347	49.994	50.001	50.001	31.95	0.27	0.010065	15502	12.486	65.097	0.996
13.6612	3.00173	49.998	49.997	50	33.91	0.258	0.019008	15502	14.58	57.59	0.996
13.6966	2.99985	50.001	50.003	50.001	33.77	0.252	0.035898	15502	15.939	52.849	0.996
13.6316	2.99668	50.003	50.003	50.002	33.63	0.253	0.076838	15502	17.296	41.935	0.994
13.6779	2.99888	49.999	49.999	49.997	33.36	0.249	0.017375	15502	18.18	42.362	0.994
13.7014	3.00003	50.002	49.997	49.997	33.46	0.268	0.094833	15502	18.291	40.665	0.992
13.657	3.00178	50	50.002	50.007	33.65	0.254	0.036454	15502	18.321	41.065	0.994
13.6842	3.0047	50	49.994	49.997	33.87	0.257	0.014013	15502	16.693	41.769	0.993
13.6561	2.99755	50.004	49.996	50	34.11	0.267	0.026466	15502	14.48	50.772	0.993
13.7175	3.00736	50.002	50.002	49.993	32.71	0.26	0.01153	15502	13.312	54.207	0.991
13.7088	3.00604	50.003	50	50.002	31.3	0.264	0.021776	15502	12.809	62.303	0.992
13.6548	2.99622	50	49.999	50.002	30.44	0.27	0.01423	15502	12.235	65.998	0.992
13.6785	2.9972	50	50.006	50.001	29.59	0.253	0.0093	15502	11.409	71.32	0.992
13.6752	3.00038	50.003	49.997	50	29.22	0.261	0.017563	15502	10.713	74.704	0.992
13.6675	2.98826	49.999	49.999	50	28.71	0.264	0.022113	15502	10.754	69.832	0.991
13.6337	2.996	49.998	49.999	50.001	28.53	0.248	0.014451	15502	10.895	66.557	0.992
13.6665	2.99978	50.001	50.003	50.001	28.53	0.266	0.009444	15502	10.482	67.71	0.99
13.6555	3.00199	50.002	49.999	50.003	28.53	0.276	0.006171	15502	10.29	68.89	0.991
13.6806	3.00165	50.003	49.999	50.002	28.01	0.259	0.022456	15502	10.058	69.943	0.987
13.7095	3.00257	49.998	50.003	49.999	27.81	0.262	0.014675	15502	9.836	70.536	0.987

13.6236	2.99039	50.005	50.002	50.002	27.35	0.255	0.016303	15502	9.504	72.521	0.987
13.6756	2.99763	49.997	50	50.007	27.29	0.258	0.018111	15502	9.181	74.006	0.988
13.6868	3.00489	50.004	50	50	27.67	0.26	0.020121	15502	9.746	72.41	0.99
13.6907	3.00325	49.998	50.004	50.006	28.53	0.262	0.022353	15502	10.744	69.807	0.988
13.6704	3.00121	49.999	49.996	49.996	28.71	0.254	0.016555	15502	9.03	85.133	0.986
13.6577	2.9985	50	50.003	49.996	27.13	0.269	0.010819	15502	8.858	91.029	0.986
13.6698	2.99537	50.002	49.999	49.999	26.58	0.27	0.012019	15502	9.746	92.721	0.985
13.6899	3.01068	50.002	49.996	49.998	27.26	0.26	0.013352	15502	10.774	94.266	0.983
13.652	2.98918	49.998	50	49.999	28.22	0.259	0.008726	15502	10.754	93.501	0.982
13.6576	2.9999	50	50	50.001	28.53	0.259	0.018677	15502	11.217	94.007	0.982
13.651	2.9992	49.995	50.002	50.004	29.22	0.268	0.020749	15502	11.862	90.342	0.981
13.6598	3.00109	49.997	50	50.003	29.4	0.274	0.023051	15502	11.509	87.848	0.98
13.6871	3.00903	49.999	50	50	29.26	0.268	0.015064	15502	11.167	89.027	0.98
13.6752	2.99644	49.997	50.004	49.999	28.4	0.258	0.011156	15502	10.875	91.25	0.979
13.653	2.99171	50.001	49.998	49.999	27.82	0.254	0.012394	15502	10.955	93.172	0.977
13.6561	2.99846	50.003	50.002	49.998	27.4	0.259	0.013769	15502	10.824	93.883	0.976
13.6273	2.99431	50.003	49.998	50.005	27.23	0.257	0.008998	15502	10.834	94.409	0.975
13.689	3.00976	50.001	49.995	49.998	27.41	0.262	0.00588	15502	10.965	95.197	0.973
13.6842	2.9968	50	49.998	50	27.85	0.257	0.005764	15502	11.207	95.596	0.972
13.6611	3.00002	50	50.003	50.003	28.53	0.257	0.006404	15502	11.489	95.635	0.97
13.6643	3.00012	49.998	50.003	50	28.67	0.25	0.007114	15502	11.671	95.765	0.968
13.6572	3.00143	49.998	49.994	49.999	29.22	0.255	0.013435	15502	11.771	95.959	0.968
13.6394	2.99766	50.003	50.004	50.004	29.5	0.259	0.00878	15502	12.053	96.017	0.968
13.6581	3.00185	50	50.006	50.002	30.35	0.27	0.016582	15502	12.607	96.295	0.966
13.6819	3.00234	49.995	49.998	49.998	30.61	0.267	0.018422	15502	13.02	96.327	0.967
13.6785	2.99836	50.001	50.002	50.002	30.6	0.246	0.007081	15502	13.232	96.24	0.964
13.6674	2.99535	49.995	49.996	49.991	29.91	0.258	0.013374	15502	13.574	95.874	0.964
13.6615	2.99909	49.994	49.998	50.001	30.46	0.251	0.014858	15502	13.534	92.078	0.965
13.6607	2.99775	50.002	49.999	49.998	30.68	0.262	0.005711	15502	12.99	91.914	0.963
13.6873	3.00678	50	50.004	49.997	30.62	0.253	0.009518	15502	12.265	91.834	0.966
13.674	2.99704	50.002	50.003	49.998	29.91	0.254	0.00622	15502	11.882	90.169	0.966
13.675	3.00276	50.004	49.998	50.001	29.7	0.267	0.033948	15502	12.446	86.235	0.964
13.6612	2.99233	50.009	49.999	49.996	29.91	0.257	0.004515	15502	11.983	85.704	0.966
13.66	2.99462	49.998	49.997	49.998	29.42	0.251	0.008528	15502	11.479	89.397	0.965
13.6839	3.00055	50.002	50.003	50	29.22	0.253	0.009474	15502	11.802	86.958	0.965
13.7151	3.01652	49.998	49.995	49.998	27.48	0.256	0.003642	15502	7.466	88.6	0.966

13.6655	2.99709	49.998	50.006	50.008	25.09	0.259	0.019878	15502	7.91	85.71	0.967
13.6473	2.99745	50.001	50.002	50.001	23.21	0.263	0.025028	15502	6.366	78.309	0.968
13.6807	3.0013	50.006	50	49.999	22.43	0.261	0.016355	15502	5.79	70.254	0.967
13.682	3.00265	50.005	49.998	50	22.04	0.254	0.01817	15502	4.881	79.878	0.967
13.6492	3.00277	49.997	50.002	50.001	21.68	0.266	0.013457	15502	4.72	79.818	0.968
13.6824	3.00669	50.001	50	49.999	21.39	0.252	0.009967	15502	4.306	76.418	0.967
13.6723	3.00171	49.999	49.998	50.004	20.97	0.258	0.011072	15502	3.78	77.111	0.966
13.6743	3.00215	49.997	50.001	49.998	20.48	0.247	0.013941	15502	3.75	74.945	0.968
13.6932	2.99841	50	49.998	50	20.28	0.263	0.017553	15502	3.568	75.23	0.965
13.6944	2.99922	50.001	50.005	49.998	20.07	0.257	0.011471	15502	3.204	76.403	0.968
13.6738	3.00576	49.998	49.999	50.005	19.6	0.262	0.014442	15502	2.83	79.152	0.967
13.6688	3.00134	50	50	50.003	19.59	0.261	0.003266	15502	2.719	80.446	0.968
13.6582	2.99836	50.003	49.997	50.003	19.58	0.275	0.00699	15502	2.779	80.483	0.968
13.6824	3.00755	50	50	50.002	19.62	0.276	0.022442	15502	2.86	80.431	0.967
13.6892	3.00921	50.002	50	50	20.28	0.255	0.009777	15502	3.386	79.471	0.967
13.6653	3.00021	49.996	49.999	50.006	21.02	0.259	0.031391	15502	4.396	79.078	0.969
13.6687	3.0017	49.998	50.001	50	22.53	0.268	0.023249	15502	5.124	78.108	0.97
13.656	2.99574	50	49.999	50.003	23.72	0.259	0.025828	15502	6.295	77.585	0.972
13.6574	3	49.999	50.003	50.001	25.13	0.261	0.016879	15502	6.992	76.154	0.972
13.6913	3.00027	49.999	50	50.001	25.28	0.261	0.012501	15502	7.446	78.521	0.975
13.639	2.98502	50	49.999	49.999	25.78	0.259	0.013888	15502	7.89	78.423	0.975
13.6711	2.99866	49.998	50.003	49.997	26.47	0.261	0.015429	15502	8.667	76.384	0.976
13.6693	3.00417	50	50	49.998	26.66	0.268	0.010082	15502	8.687	80.81	0.975
13.6672	3.00019	49.999	49.992	50	26.56	0.259	0.012694	15502	7.789	87.863	0.978
13.6691	3.00322	49.999	49.999	50.001	25.8	0.263	0.008296	15502	7.991	88.756	0.978
13.658	3.00144	49.996	49.997	50.006	25.55	0.268	0.015667	15502	8.112	87.252	0.979
13.6956	3.00169	50.005	49.998	49.998	25.78	0.263	0.006023	15502	7.991	89.08	0.978
13.7111	3.00365	49.999	50.002	50.002	25.9	0.256	0.006691	15502	7.95	89.097	0.981
13.685	3.00633	50	49.998	49.999	26.47	0.248	0.004955	15502	7.365	89.3	0.98
13.6956	3.00115	49.999	49.997	49.999	25.34	0.271	0.009359	15502	5.851	91.069	0.981
13.6732	3.00451	50.006	49.997	50.002	24.35	0.263	0.011783	15502	4.588	92.729	0.982
13.6823	3.0011	50.007	50	49.997	23.52	0.266	0.013091	15502	3.538	94.669	0.983
13.6485	2.99562	49.999	50.002	49.997	23.03	0.261	0.005703	15502	3.426	94.816	0.983
13.6809	3.00183	49.998	50.001	50	22.61	0.269	0.010771	15502	2.274	95.115	0.983
13.6672	2.99757	49.996	50	50	22.36	0.262	0.007977	15502	2.739	95.733	0.982
13.6843	2.99904	50	49.998	49.998	22.58	0.263	0.008862	15502	1.788	95.768	0.985

13.6493	2.99216	50.001	50	49.998	22.3	0.266	0.032247	15502	1.242	95.878	0.983
13.6807	2.99582	50.002	50.002	50.001	21.75	0.258	0.012396	15502	2.092	96.2	0.983
13.6766	3.00005	49.999	50.004	50.002	21.72	0.261	0.005401	15502	2.001	96.402	0.986
13.659	2.99323	49.999	50	50	23.03	0.266	0.011559	15502	3.265	96.578	0.986
13.6626	3.0001	50.002	50	49.995	27.69	0.259	0.012842	15502	5.689	94.955	0.988
13.6577	2.99519	50.002	50.002	50.003	33.16	0.259	0.024253	15502	9.221	84.017	0.99
13.7071	3.0011	49.997	49.998	49.998	34.65	0.262	0.017963	15502	11.812	74.852	0.987
13.6627	3.00298	50.004	50	50.001	33.82	0.272	0.033924	15502	12.708	67.792	0.987
13.6805	3.0024	50	49.999	50.003	33.46	0.267	0.037688	15502	13.866	58.307	0.985
13.7043	3.00821	50.009	50.003	49.995	33.88	0.273	0.027913	15502	13.675	58.305	0.985
13.679	3.00392	49.997	49.997	50.003	34.26	0.264	0.01073	15502	13.05	57.618	0.986
13.6969	3.00769	49.999	49.997	49.998	34.04	0.256	0.03445	15502	12.285	62.67	0.983
13.6698	2.99881	50.005	49.997	49.998	31.97	0.252	0.015008	15502	10.27	71.125	0.985
13.6599	2.99255	49.995	50.002	50.001	29.97	0.249	0.028345	15502	9.02	77.409	0.984
13.6615	2.99882	50.004	49.998	50	29.22	0.26	0.018523	15502	9.393	76.264	0.984
13.6867	3.00171	50	50.001	50.002	29.22	0.261	0.012105	15502	9.574	78.347	0.984
13.6609	3.00277	49.999	49.994	50.004	29.22	0.254	0.02591	15502	10.3	75.718	0.984
13.6692	2.99733	49.995	49.992	50.003	29.22	0.259	0.016932	15502	10.068	76.429	0.985
13.6596	2.99399	50.009	50	49.999	29.22	0.263	0.01881	15502	9.746	75.754	0.981
13.6875	3.00463	50.003	50	50	29.25	0.275	0.012292	15502	9.645	78.98	0.983
13.6746	3.00028	49.999	50.004	49.997	28.76	0.259	0.008033	15502	8.535	87.11	0.983
13.6684	2.99974	49.999	49.998	49.998	28.53	0.261	0.02923	15502	9.01	84.061	0.981
13.6578	3.00071	50.001	50.001	49.999	28.39	0.261	0.019102	15502	8.556	86.844	0.982
13.6646	3.00289	50	50.001	50.001	27.84	0.249	0.012483	15502	8.525	87.422	0.98
13.6876	3.0078	50.003	50.003	50.001	27.8	0.264	0.015717	15502	8.031	89.774	0.98
13.6776	3.00431	50.004	49.998	49.999	27.16	0.275	0.010271	15502	7.95	90.789	0.979
13.6356	2.98927	50.002	50.003	49.999	26.46	0.249	0.019397	15502	7.749	92.859	0.979
13.6927	2.99973	49.997	50.002	49.998	25.79	0.277	0.007457	15502	7.87	93.849	0.979
13.6671	3.00009	49.996	49.999	50.001	25.37	0.264	0.005523	15502	7.698	94.869	0.978
13.6591	3.0011	50.001	50.002	50.001	25.19	0.262	0.017731	15502	7.648	95.099	0.975
13.683	3.00442	50.001	49.999	50.001	25.78	0.269	0.019698	15502	8.092	94.877	0.975
13.6774	3.00277	49.997	50	50.002	26.38	0.261	0.012872	15502	8.535	94.982	0.973
13.6742	3.00167	50.001	50	50.005	27.16	0.266	0.027552	15502	9.524	95.356	0.972
13.672	2.99535	49.998	50.002	50.002	27.78	0.261	0.030609	15502	10.33	95.433	0.973
13.6679	3.00257	50.002	50	49.999	28.07	0.271	0.020003	15502	10.794	95.025	0.972
13.658	2.99987	50.002	49.996	49.995	28.57	0.26	0.014815	15502	11.318	95.106	0.972

13.6618	3.00335	49.998	49.997	50.001	29.16	0.266	0.009681	15502	11.55	95.295	0.974
13.6804	3.00207	49.999	50.003	50.002	28.71	0.249	0.018284	15502	11.58	94.906	0.975
13.6527	2.99926	49.999	50.002	49.998	29.19	0.251	0.011949	15502	11.62	93.989	0.975
13.6876	3.0063	49.998	50.005	49.999	29.19	0.259	0.007808	15502	11.59	91.614	0.972
13.7065	3.00826	50	50	50	29.21	0.256	0.008675	15502	11.318	90.489	0.975
13.6837	3.00588	49.999	49.999	50	28.84	0.256	0.003335	15502	11.278	86.466	0.976
13.6799	2.99816	50.005	50.002	50.001	28.18	0.262	0.004199	15502	10.23	89.68	0.976
13.6681	3.00336	50.001	49.996	49.997	27.24	0.26	0.004664	15502	9.221	90.212	0.976
13.6672	3.00186	50.002	50.001	49.997	26.63	0.257	0.025458	15502	9.03	92.147	0.976
13.6704	2.9985	49.997	50	49.999	26.47	0.257	0.011091	15502	8.475	92.677	0.975
13.6725	3.00016	50.002	49.998	49.997	25.79	0.249	0.004264	15502	7.95	93.29	0.975
13.6496	2.99763	50.005	49.999	49.998	25.28	0.258	0.004737	15502	7.355	94.038	0.977
13.6704	2.99671	49.999	50.001	50.001	25.09	0.253	0.005262	15502	6.83	93.976	0.978
13.6581	2.99597	50.003	49.993	49.999	24.43	0.267	0.009938	15502	6.578	93.988	0.979
13.6532	2.99881	50	49.998	50	24.23	0.271	0.01104	15502	6.416	93.657	0.978
13.6832	3.0024	49.993	50	50.002	25.48	0.271	0.008177	15502	8.757	89.061	0.979
13.6511	3.0025	49.998	50	49.996	29.91	0.259	0.026253	15502	11.328	81.529	0.98
13.6852	3.00622	49.999	50.001	50.001	33.94	0.252	0.029165	15502	13.071	72.334	0.981
13.6677	3.00623	49.983	49.986	50.002	30.83	0.271	0	15502	15.204	63.99	0.983
13.7112	3.0072	49.998	49.998	50.007	31.28	0.267	0.189078	15502	16.391	56.613	0.983
13.6813	3.0056	50.001	50.001	49.995	33.35	0.252	0.210055	15502	17.537	50.533	0.982
13.6613	3.00351	49.997	49.999	50.002	33.44	0.26	0.047498	15502	18.452	46.826	0.981
13.684	3.00375	50.002	49.999	50.002	33.45	0.261	0.101666	15502	19.004	50.383	0.98
13.6785	3.00321	50.001	50.001	50.002	33.39	0.258	0.112945	15502	18.743	55.937	0.98
13.6441	2.99676	49.998	50.001	49.999	34.44	0.251	0.125475	15502	13.755	80.704	0.983
13.6775	2.99684	50	49.997	49.998	33.29	0.262	0.081998	15502	11.217	89.129	0.981
13.6869	3.00393	50	50.006	49.999	31.34	0.262	0.154861	15502	9.725	92.673	0.982
13.6783	3	50	50.003	49.997	30.02	0.259	0.101201	15502	9.221	93.802	0.982
13.6659	2.99231	50	50	49.998	29.33	0.257	0.191128	15502	10.975	94.026	0.981
13.6911	3.00014	50	49.998	49.998	29.81	0.26	0.043218	15502	13	82.467	0.982
13.6866	3.00107	49.999	49.997	50	29.91	0.267	0.048013	15502	12.809	81.547	0.982
13.6574	2.99984	49.996	49.999	50	29.89	0.264	0.05334	15502	11.429	84.587	0.981
13.6884	3.00843	50.002	50.001	49.998	29.26	0.267	0.100738	15502	10.844	84.777	0.982
13.6487	2.99516	49.996	50.003	50.002	28.72	0.263	0.043888	15502	10.33	87.424	0.98
13.7099	3.0056	50.001	50.001	49.999	28.14	0.261	0.140907	15502	9.181	89.434	0.98
13.694	3.00649	50.003	49.998	49.996	27.84	0.262	0.092082	15502	8.011	90.829	0.982

13.6821	2.9999	50	50.004	50	27.17	0.278	0.060175	15502	8.152	93.198	0.98
13.677	3.00691	49.998	49.997	50.003	27.16	0.253	0.1288	15502	9.312	88.425	0.982
13.6447	2.99218	49.998	49.999	50.001	27.47	0.26	0.14309	15502	10.25	85.148	0.981
13.6757	3.00264	50.003	49.999	50.001	29.22	0.254	0.055005	15502	12.325	80.63	0.982
13.6615	3.00356	49.999	50.005	49.998	33.22	0.263	0.021144	15502	15.838	67.004	0.984
13.6592	3.0036	49.998	50.001	49.996	33.37	0.25	0.045258	15502	18.693	55.139	0.981
13.6588	3.00132	50	50.004	50.003	33.39	0.248	0.085474	15502	20.742	45.496	0.982
13.6834	3.00002	49.997	50.003	49.997	33.38	0.257	0.094957	15502	22.317	37.743	0.983
13.6782	3.0039	49.999	49.995	50	33.35	0.26	0.062054	15502	23.029	30.735	0.982
13.7044	3.00498	49.999	50.003	49.998	33.35	0.263	0.045959	15502	23.641	34.551	0.981
13.6411	2.99053	50.004	50.001	49.998	33.35	0.266	0.147556	15502	23.892	31.581	0.982
13.6566	2.9999	49.997	50	49.995	33.35	0.257	0.056722	15502	23.12	32.805	0.981
13.6939	3.00608	50	49.997	50.001	33.96	0.254	0.107125	15502	20.029	41.979	0.982
13.6602	3.00207	50	50.002	50.003	34.19	0.248	0.07934	15502	16.472	53.047	0.983
13.709	3.00411	49.999	50	50.001	33.45	0.26	0.051848	15502	13.644	68.73	0.983
13.6643	3.00231	50.003	49.997	49.997	32.01	0.259	0.097921	15502	13.292	69.508	0.983
13.6845	2.9995	49.999	49.998	50	31.9	0.252	0.037642	15502	14.279	65.804	0.982
13.6457	2.98912	50.002	50.001	50	30.75	0.261	0.136967	15502	10.623	81.972	0.982
13.6461	2.99554	50.001	49.999	49.999	29.8	0.26	0.006304	15502	9.302	86.164	0.983
13.6514	2.99912	50.004	49.997	50.001	28.66	0.271	0.058493	15502	8.354	90.248	0.983
13.6601	3.0041	49.995	49.996	49.996	28	0.271	0.025483	15502	7.597	92.777	0.983
13.6649	2.99729	49.998	49.999	50.001	27.84	0.273	0.016653	15502	7.214	93.876	0.983
13.6493	2.99781	50	50.001	49.999	27.29	0.255	0.031451	15502	7.365	94.573	0.983
13.6749	3.00742	49.999	50.001	50.002	27.21	0.267	0.023293	15502	8.203	96.061	0.984
13.6588	2.99817	50.001	49.995	50.003	27.85	0.267	0.025878	15502	8.737	95.729	0.984
13.6817	3.00047	50.002	49.997	50.002	28.4	0.272	0.028749	15502	8.717	96.249	0.986
13.6842	3.00236	49.999	50	50	29.2	0.266	0.061534	15502	9.191	96.544	0.986
13.6788	3.00191	50.002	50.003	49.998	29.91	0.266	0.023654	15502	9.786	96.752	0.986
13.694	3.00404	49.999	50.002	49.999	31.05	0.269	0.029782	15502	10.391	96.762	0.985
13.6525	3.00245	50.005	49.994	49.999	33.28	0.261	0.04963	15502	11.781	96.587	0.987
13.6931	2.99762	50.001	50.001	50.006	34.17	0.268	0.062487	15502	12.829	96.211	0.986
13.6569	2.99194	49.999	49.996	49.998	33.84	0.256	0.024021	15502	13.846	91.007	0.986
13.6814	2.99471	49.999	49.993	50.001	33.69	0.248	0.077121	15502	14.48	89.858	0.986
13.6891	3.00361	49.992	50	49.996	33.38	0.264	0.029646	15502	17.155	79.157	0.987
13.6864	3.00078	49.998	50.001	50.003	33.35	0.25	0.011396	15502	19.707	69.855	0.987
13.688	3.00255	50.001	49.996	50.002	33.37	0.262	0.021523	15502	20.079	69.506	0.985

13.6809	3.00167	49.997	49.998	50	34.22	0.247	0.014065	15502	16.602	81.808	0.985
13.6521	2.99573	49.997	49.996	50	34.28	0.255	0.045158	15502	14.701	88.915	0.986
13.6968	3.00419	50.002	50	49.999	33.35	0.262	0.017359	15502	15.003	91.952	0.986
13.6618	2.99577	50.001	50.001	49.994	32.85	0.262	0.055733	15502	14.178	93.255	0.986
13.6697	3.00412	49.993	50.002	50.001	33.13	0.266	0.092875	15502	14.138	95.733	0.986
13.6635	2.99537	49.995	50.002	50	33.37	0.268	0.040462	15502	13.856	96.188	0.986
13.685	3.00537	49.994	49.999	50.001	33.4	0.262	0.076417	15502	13.574	96.585	0.986
13.6709	2.99354	50	50	49.998	33.35	0.251	0.01728	15502	13.363	96.716	0.985
13.6843	3.00049	50.002	50.004	50.006	33.39	0.254	0.032634	15502	13.483	96.871	0.987
13.6807	2.99962	49.999	50.008	50	33.55	0.268	0.036255	15502	13.01	96.966	0.987
13.6882	2.99919	50.002	49.999	50.007	33.37	0.26	0.068471	15502	12.879	97.136	0.986
13.6492	2.99857	50.002	49.998	50	33.21	0.276	0.044746	15502	12.426	97.131	0.987
13.6508	2.99954	50.001	49.999	49.996	32.88	0.254	0.04971	15502	12.184	97.314	0.986
13.6939	3.001	49.997	49.997	49.998	32.76	0.253	0.032485	15502	12.194	97.393	0.986
13.6538	2.99169	50.002	49.997	50	32.68	0.27	0.036089	15502	12.456	97.467	0.988
13.7139	2.99177	50.003	50.001	50.002	33.34	0.262	0.023584	15502	13.393	97.568	0.989
13.6672	2.99688	49.997	50.002	50.003	34.02	0.258	0.075719	15502	14.419	97.237	0.99
13.6829	3.00723	49.999	50	50.001	34.04	0.269	0.049482	15502	15.405	97.01	0.986
13.666	3.00533	50.001	49.999	49.999	33.61	0.251	0.054972	15502	17.376	89.442	0.986
13.6567	3.00236	49.998	49.994	49.998	33.35	0.262	0.053886	15502	19.175	81.169	0.987
13.6767	3.008	49.998	50	49.999	33.32	0.243	0.012185	15502	22.006	73.899	0.986
13.7159	3.00656	49.998	49.997	49.997	33.33	0.258	0.023012	15502	23.641	63.026	0.986
13.6853	2.99916	50.003	50	50.002	33.45	0.251	0.073884	15502	23.28	61.751	0.984
13.6526	2.99535	50.001	49.997	50.006	33.36	0.256	0.048283	15502	22.458	64.094	0.985
13.6529	2.99515	50.003	49.999	49.998	33.39	0.267	0.031553	15502	21.013	69.004	0.984
13.6419	2.99593	50	50.003	49.999	33.76	0.252	0.101303	15502	19.928	75.8	0.984
13.6803	3.00769	49.997	49.998	49.998	33.47	0.256	0.191322	15502	19.828	77.915	0.986
13.6719	3.00504	50.004	49.996	50.002	33.95	0.261	0.073546	15502	18.964	81.632	0.983
13.6679	3.0005	50.002	50.009	50.001	33.82	0.263	0.028272	15502	17.758	84.973	0.985
13.6536	2.99992	49.997	50.001	50	34.62	0.259	0.031408	15502	16.874	87.611	0.986
13.6377	2.9876	50.003	49.999	50.001	34.25	0.262	0.059318	15502	16.16	90.379	0.986
13.6973	3.00243	50.001	49.998	49.996	34.04	0.267	0.112027	15502	15.506	91.837	0.984
13.6878	3.00701	49.996	50.001	49.997	33.93	0.267	0.073209	15502	15.194	92.865	0.985
13.6609	2.99308	50.001	49.999	50	33.57	0.257	0.028142	15502	15.084	94.321	0.985
13.675	2.99557	49.999	50.009	50.003	34.09	0.26	0.090354	15502	15.546	93.967	0.985
13.678	2.99495	50.007	49.999	50	34.61	0.254	0.059046	15502	16.049	92.913	0.984

13.6921	3.00949	49.999	49.998	50.001	34.72	0.26	0.022698	15502	16.13	91.414	0.986
13.6565	3.00113	50	49.998	50.002	34.72	0.268	0.025216	15502	16.331	90.536	0.985
13.6799	2.99684	50.003	49.997	50.004	34.69	0.267	0.016479	15502	16.542	89.211	0.986
13.6297	2.99283	50	50.001	50	34.02	0.268	0.031121	15502	17.155	85.317	0.986
13.7041	3.00644	49.997	50.004	50.002	34	0.248	0.099919	15502	18.09	80.935	0.985
13.6596	2.99443	50	49.999	50.001	33.46	0.246	0.065297	15502	19.697	73.257	0.983
13.6873	3.00157	50	50.002	50.001	33.35	0.264	0.042671	15502	21.946	64.679	0.983
13.6742	2.99947	50.001	50	49.998	33.35	0.254	0.137001	15502	22.157	64.744	0.982
13.67	3.00409	50.002	49.999	49.999	33.35	0.254	0.052664	15502	21.504	66.049	0.978
13.6453	2.9904	49.997	50.004	50.002	33.35	0.264	0.022944	15502	21.223	70.162	0.98
13.6722	3.00238	50	50.001	50	33.47	0.257	0.073664	15502	21.263	73.807	0.98
13.6672	3.00191	50	50.001	50.002	33.35	0.252	0.048139	15502	20.26	80.184	0.979
13.6953	3.00295	50.001	49.999	49.999	33.36	0.255	0.031459	15502	19.326	85.656	0.979
13.6451	3.00027	49.999	49.997	49.996	34.03	0.26	0.034949	15502	19.065	86.129	0.979
13.6525	2.99357	49.999	49.998	49.998	34.72	0.26	0.038826	15502	18.17	91.482	0.979
13.6886	3.00289	50.001	49.998	49.999	34.04	0.256	0.014925	15502	18.623	86.867	0.976
13.6668	3.00106	50.002	50	50	33.66	0.26	0.016581	15502	18.944	84.491	0.976
13.6881	3.00079	50	49.999	50.003	34.04	0.264	0.016253	15502	18.874	86.398	0.973
13.6743	2.99591	49.998	50.001	50.001	33.37	0.257	0.034789	15502	18.844	87.614	0.973
13.6923	3.00731	49.998	50.003	50.001	34.58	0.258	0.022735	15502	18.462	90.199	0.972
13.6681	2.99995	50.001	49.999	49.999	34.17	0.261	0.025257	15502	18.18	92.754	0.972
13.6639	3.00773	50.005	50.002	49.999	31.97	0.262	0.016505	15502	14.741	90.991	0.975
13.6526	2.99322	49.996	49.999	50.001	30.18	0.26	0.031172	15502	12.063	85.84	0.976
13.6541	2.98971	49.998	50.002	49.999	27.63	0.256	0.020371	15502	9.221	84.832	0.976
13.6389	3.0001	49.996	49.999	50.002	25.87	0.268	0.022631	15502	8.778	82.312	0.979
13.6877	3.00653	49.996	49.999	50	25.09	0.267	0.016761	15502	7.849	85.101	0.98
13.6496	2.99611	49.996	50.001	49.999	24.4	0.268	0.01862	15502	7.163	86.455	0.979
13.6588	2.99365	50.002	50.003	49.997	25.07	0.267	0.035166	15502	8.253	83.298	0.981
13.6582	2.99414	49.997	50.003	50.002	27.19	0.274	0.039068	15502	8.636	81.804	0.983
13.661	3.00295	49.997	49.999	50	29.05	0.256	0.028935	15502	10.189	74.134	0.983
13.6892	3.00897	50.005	49.999	49.999	29.19	0.277	0.018909	15502	9.917	75.129	0.984
13.6598	3.0039	50.001	49.999	49.997	29.22	0.274	0.035711	15502	10.048	73.745	0.983
13.6533	2.98859	50.001	49.999	49.998	29.22	0.268	0.026449	15502	10.088	74.319	0.986
13.6693	3.00452	50.003	49.998	50.003	28.53	0.264	0.029383	15502	9.816	73.258	0.984
13.684	3.00507	50.002	50	49.999	28.39	0.258	0.019202	15502	9.786	72.055	0.985
13.6456	2.99599	50.003	49.996	50.005	27.84	0.275	0.021332	15502	9.423	70.459	0.986

13.7082	3.01269	50.005	50	50	27.04	0.257	0.01394	15502	8.808	75.962	0.985
13.6743	3.00179	49.997	50.001	50.002	25.91	0.274	0.026328	15502	7.688	79.524	0.988
13.6948	2.99825	50.001	49.999	50.002	25.26	0.26	0.029248	15502	6.517	84.207	0.986
13.6477	2.99557	50.004	49.994	49.999	24.64	0.271	0.021662	15502	5.487	86.354	0.988
13.6542	3.00082	50	49.998	49.996	24.39	0.272	0.040911	15502	5.487	88.075	0.988
13.6498	2.99987	49.999	50.004	49.998	24.43	0.287	0.017824	15502	5.71	86.365	0.987
13.6737	3.00307	49.999	49.999	49.997	24.48	0.287	0.057225	15502	5.366	88.349	0.988
13.6857	3.00813	50	49.999	50.001	24.4	0.268	0.042382	15502	4.881	92.168	0.99
13.6842	2.99626	49.998	49.999	49.995	24.18	0.272	0.016292	15502	5.023	89.298	0.988
13.6768	2.99135	49.995	49.993	49.991	23.65	0.275	0.012066	15502	4.669	89.551	0.99
13.6727	3.0006	50	49.996	49.999	23.04	0.275	0.038741	15502	3.77	91.081	0.988
13.6707	2.99938	49.998	50	50.001	23	0.289	0.048777	15502	3.558	90.318	0.99
13.6867	3.00454	49.998	50.002	50.003	22.34	0.284	0.01103	15502	2.517	91.406	0.988
13.6729	3.00087	50	49.997	49.999	21.8	0.292	0.040133	15502	2.527	90.997	0.988
13.6757	3.00532	50.003	50	50.003	21.6	0.263	0.029724	15502	2.335	91.234	0.991
13.6939	3.00511	49.997	50.002	49.999	22.34	0.281	0.033022	15502	4.538	84.616	0.992
13.669	3.00734	50.005	49.995	50.003	26.95	0.286	0.014386	15502	7.072	80.469	0.993
13.6785	3.00142	49.996	49.995	50	31.21	0.259	0.015982	15502	9.524	71.217	0.994
13.7078	3.00609	49.998	50	49.998	32.84	0.267	0.017755	15502	11.207	59.227	0.994
13.683	3.0048	50	49.999	50.001	32.85	0.269	0.019725	15502	11.902	58.757	0.993
13.6938	2.99855	50	49.996	50.004	32.02	0.253	0.014609	15502	11.61	53.177	0.993
13.6831	3.00948	50	50	49.998	32.49	0.27	0.027591	15502	11.862	54.264	0.992
13.6685	3.00086	50.002	49.998	49.997	32.75	0.269	0.030652	15502	11.298	49.665	0.994
13.6663	3.00027	49.999	49.995	50	31.97	0.274	0.034052	15502	10.492	51.175	0.994
13.6676	2.99874	50	49.998	49.997	28.69	0.268	0.01309	15502	8.092	57.838	0.995
13.6567	2.98756	50.003	50.001	49.997	26.2	0.262	0.016481	15502	5.831	71.273	0.993
13.6877	3.00693	49.998	49.997	49.998	24.38	0.291	0.012206	15502	4.912	72.78	0.994
13.7063	3.01049	49.998	49.998	49.995	23.04	0.277	0.03919	15502	2.547	84.023	0.995
13.6693	2.99911	50	50.003	49.999	22.33	0.269	0.025611	15502	1.627	87.993	0.994
13.6656	2.99817	49.998	50.006	49.998	21.52	0.277	0.032246	15502	0.838	90.872	0.994
13.6838	3.00761	50.002	49.999	50.003	20.88	0.289	0.012396	15502	0.17	91.179	0.994
13.6722	2.99932	50.001	49.999	49.997	20.28	0.263	0.039797	15502	-0.215	92.947	0.994
13.6612	3.00066	49.999	49.998	49.999	19.8	0.271	0.050108	15502	-0.559	93.981	0.994
13.6589	3.00069	49.998	49.999	49.995	21.83	0.264	0.032745	15502	-0.944	94.314	0.996
13.6758	2.99934	50.002	50.004	50.006	21.96	0.267	0.036378	15502	-1.227	94.519	0.994
13.6617	2.99563	49.993	50.006	49.997	21.67	0.281	0.023773	15502	-1.45	94.797	0.995

13.6972	3.00694	50.002	50	50.005	20.92	0.269	0.02641	15502	-1.612	94.939	0.995
13.6814	3.00419	50	49.999	49.996	20.28	0.282	0.02934	15502	-1.693	95.123	0.996
13.6659	2.99907	49.998	50.002	49.998	20.45	0.273	0.055412	15502	-0.761	95.562	0.995
13.6388	2.98803	49.995	50.003	50.003	21.65	0.278	0.014201	15502	1.95	92.27	0.997
13.6678	2.9967	50.002	50.002	50.005	26.47	0.277	0.015776	15502	4.972	79.684	0.996
13.6938	2.9973	49.998	49.998	50.008	31.97	0.266	0.033767	15502	9.423	56.269	0.998
13.6538	2.99423	49.998	50.001	50.003	34.72	0.267	0.022067	15502	11.449	45.924	0.996
13.6935	3.00574	50.003	50.001	50	34.04	0.265	0.070848	15502	12.718	38.749	0.997
13.6791	3.00396	50.001	50	49.999	33.72	0.273	0.01602	15502	12.406	39.469	0.996
13.6713	2.99572	49.997	49.999	49.997	33.9	0.266	0.030256	15502	12.486	35.885	0.995
13.6348	2.99441	50	49.996	49.999	33.8	0.265	0.019772	15502	12.617	36.96	0.994
13.6805	3.00166	50	49.994	49.999	34.04	0.257	0.014644	15502	12.255	35.063	0.994
13.6494	2.99335	49.998	50.003	49.995	31.97	0.268	0.027656	15502	7.224	60.496	0.993
13.6573	3.01006	49.999	50.001	49.998	28.39	0.273	0.018073	15502	4.7	74.795	0.992
13.6659	2.9981	49.994	49.999	49.996	25.77	0.259	0.022756	15502	3.062	81.64	0.992
13.688	3.00527	50	50.002	49.999	23.83	0.263	0.028651	15502	1.93	87.084	0.991
13.7009	3.00417	50.001	50.002	50.005	22.39	0.288	0.018723	15502	1.262	89.666	0.991
13.6769	2.99948	50	49.998	50.003	21.75	0.272	0.012236	15502	0.686	91.44	0.991
13.6749	2.99771	50.002	50.004	50.003	21.02	0.281	0.026189	15502	0.028	92.778	0.99
13.6641	2.99965	50.002	50.001	50.003	20.41	0.259	0.049461	15502	-0.417	93.982	0.99
13.6357	2.98969	50.001	50	49.996	20.27	0.281	0.054948	15502	-0.741	94.314	0.991
13.6611	2.99447	49.999	50	50	19.69	0.283	0.023939	15502	-1.126	94.166	0.991
13.6293	2.99758	49.996	49.997	49.998	20.63	0.285	0.026595	15502	-1.47	94.144	0.991
13.6814	3.00379	49.994	50.001	49.995	21.08	0.279	0.017379	15502	-1.673	94.138	0.988
13.6768	3.00401	50	50.003	49.997	21.49	0.279	0.032823	15502	-1.946	93.894	0.991
13.7033	3.01166	49.998	50.001	50.005	21.05	0.261	0.036464	15502	-2.21	93.797	0.988
13.6649	3.00075	49.997	50.001	49.998	20.97	0.278	0.015886	15502	-1.956	94.386	0.99
13.6911	3.01039	50.002	49.998	49.998	20.97	0.277	0.030003	15502	1.101	90.656	0.992
13.6799	2.99725	49.999	50.005	50.008	25.87	0.258	0.033331	15502	5.79	79.053	0.991
13.6803	2.99734	50.003	49.999	50.002	32.09	0.268	0.024686	15502	9.786	64.152	0.991
13.6582	2.99786	49.996	49.996	50	33.96	0.275	0.016132	15502	13.514	44.084	0.991
13.6638	2.99656	50	49.999	49.995	33.83	0.264	0.030467	15502	13.977	35.665	0.99
13.6968	3.00583	50	50	49.998	33.93	0.263	0.022565	15502	14.057	40.269	0.99
13.6716	3.00041	49.998	50.001	49.999	33.68	0.263	0.042616	15502	14.037	37.372	0.99
13.6578	2.99086	49.999	50.001	50.001	33.92	0.256	0.005669	15502	14.762	35.373	0.99
13.6603	2.99315	50.004	50.003	49.999	33.85	0.279	0.035064	15502	13.624	38.681	0.99

13.6368	2.99183	50.002	50.003	49.998	32.66	0.267	0.022914	15502	8.657	60.05	0.988
13.6567	2.99557	50.001	49.997	50.003	29.14	0.267	0.025457	15502	5.558	69.425	0.989
13.6671	3.00272	49.997	49.999	49.998	26.46	0.262	0.092629	15502	3.76	82.08	0.987
13.6612	3.00186	49.998	50.001	49.997	24.4	0.269	0.020946	15502	2.678	84.993	0.986
13.6634	3.00081	49.999	49.999	50	23.03	0.262	0.044832	15502	1.748	86.28	0.986
13.6801	3.00172	49.996	50.002	49.996	22.33	0.282	0.019532	15502	0.797	88.624	0.986
13.6964	3.0097	50.001	50.002	50.002	21.39	0.291	0.012764	15502	0.322	89.996	0.985
13.6842	3.00113	49.998	50.001	50	20.93	0.279	0.02732	15502	-0.296	91.435	0.985
13.6759	2.99997	49.998	49.995	50.001	20.28	0.265	0.017854	15502	-0.782	92.02	0.984
13.7091	3.01603	49.998	49.997	50	19.95	0.29	0.022479	15502	-0.923	92.514	0.983
13.6536	3.00202	49.998	49.999	49.997	19.65	0.276	0.01469	15502	-1.065	93.548	0.985
13.6805	3.00528	50.001	50.001	50.002	21.44	0.278	0.047164	15502	-1.369	93.751	0.984
13.7015	3.0124	50.001	50	50.005	22.04	0.261	0.020547	15502	-1.308	94.108	0.983
13.6963	3.00733	50.002	49.998	50.003	20.28	0.277	0.013428	15502	-1.774	94.096	0.986
13.7033	3.00697	50.001	50.001	50.002	20.32	0.273	0.073289	15502	-1.693	94.195	0.985
13.6594	2.99778	50.002	50	50.005	21.04	0.274	0.05428	15502	3.062	92.412	0.985
13.6778	2.99198	50.001	50.002	50.003	26.47	0.276	0.020866	15502	6.558	75.088	0.985
13.6552	2.9912	50.001	50.002	50.001	33.35	0.272	0.044661	15502	11.912	52.251	0.988
13.674	2.99473	49.999	49.996	49.999	34.04	0.271	0.029186	15502	12.507	45.361	0.986
13.661	3.00488	50.002	50.001	50.003	33.96	0.275	0.032424	15502	13.695	38.194	0.986
13.6406	2.99573	49.999	49.998	50.003	33.98	0.264	0.021189	15502	13.463	42.473	0.986
13.6578	3.00102	49.998	50.004	50.001	33.91	0.272	0.015693	15502	14.087	40.468	0.984
13.6891	2.99839	50.003	50.001	50.005	34.04	0.261	0.029638	15502	14.027	39.547	0.985
13.6985	3.00447	50.002	49.997	49.996	33.99	0.261	0.055974	15502	13.705	41.304	0.983
13.6678	3.00072	49.995	50.002	49.997	32.15	0.274	0.041456	15502	8.556	64.793	0.984
13.6605	2.99016	49.995	50.005	49.998	29.16	0.272	0.046055	15502	5.689	76.791	0.984
13.6589	2.99611	50.001	49.996	50.003	26.47	0.272	0.03411	15502	4.154	81.08	0.983
13.6609	3.00098	50	50.001	50	25.07	0.278	0.013112	15502	3.265	87.249	0.983
13.6743	3.0045	50.002	50.002	49.998	24.24	0.262	0.028065	15502	3.396	89.323	0.98
13.6908	3.00508	49.996	50	50.003	24.4	0.262	0.018341	15502	3.831	88.759	0.98
13.6614	2.99781	50	50.001	50.004	24.4	0.274	0.039257	15502	3.265	89.564	0.981
13.6733	2.99073	50.001	50.002	49.998	24.4	0.256	0.025654	15502	3.325	90.484	0.981
13.6663	3.00207	50.002	49.991	49.997	23.99	0.272	0.019	15502	2.901	91.92	0.98
13.6707	2.99336	50.002	50.004	50.005	23.73	0.272	0.012416	15502	2.8	91.359	0.978
13.6464	3.00193	50.002	50.004	50.004	24.41	0.274	0.015633	15502	3.214	89.762	0.978
13.6873	3.00229	49.997	50.004	50.002	23.86	0.284	0.017368	15502	3.356	91.157	0.978

13.6698	2.9959	49.997	49.997	49.998	23.73	0.272	0.021867	15502	3.184	90.966	0.978
13.6923	3.00923	49.999	50.002	49.997	23.65	0.273	0.024293	15502	3.315	91.459	0.977
13.6838	3.00382	50.002	49.999	49.999	23.72	0.288	0.009338	15502	4.78	88.004	0.977
13.6736	3.00416	50	50.006	50.001	25.15	0.262	0.011758	15502	7.597	83.449	0.978
13.6978	3.00111	49.998	50.005	50	29.96	0.264	0.03775	15502	12.879	64.97	0.978
13.694	2.99914	49.999	50	50	34.06	0.267	0.071294	15502	14.037	65.145	0.979
13.6726	3.00629	50	50.002	49.996	33.53	0.261	0.04659	15502	15.647	64.094	0.978
13.6901	3.00087	49.997	50.001	50	33.9	0.257	0.034506	15502	16.974	64.635	0.977
13.6748	3.00338	50	50.003	50.001	33.48	0.259	0.038334	15502	17.839	63.69	0.972
13.6794	3.00178	50.003	50	50	33.39	0.268	0.042587	15502	18.371	64.503	0.972
13.7035	3.00215	49.999	49.999	49.998	34.07	0.269	0.136731	15502	17.618	65.913	0.971
13.661	3.00244	49.999	50.001	50.006	34.62	0.267	0.003702	15502	16.984	66.648	0.969
13.6653	2.99398	49.997	50	50.006	34.63	0.252	0.058392	15502	17.346	62.165	0.969
13.6535	2.99358	49.995	50.002	50.002	34.66	0.248	0.043247	15502	17.316	54.844	0.966
13.6609	2.99786	49.996	50.001	49.996	34.09	0.256	0.016624	15502	16.632	59.799	0.964
13.6549	2.99201	49.998	49.998	49.999	32.36	0.26	0.018469	15502	13.795	83.086	0.962
13.7186	3.0076	49.994	50.001	49.997	29.22	0.263	0.059296	15502	12.225	94.788	0.964
13.7003	3.00175	50.001	50.002	49.997	29.08	0.251	0.025833	15502	12.386	92.65	0.962
13.6515	2.99348	50.003	50.001	50.001	29.23	0.261	0.048789	15502	13.805	91.041	0.958
13.6223	2.9948	50.003	49.998	50	29.9	0.245	0.018755	15502	14.057	66.184	0.958
13.6627	3.00045	50.001	50.004	50.001	28.72	0.255	0.03542	15502	12.074	69.63	0.96
13.6567	2.99043	49.996	50.002	50.002	27.2	0.267	0.015431	15502	9.282	75.986	0.96
13.6997	3.01093	49.999	49.999	50.003	25.09	0.264	0.029144	15502	7.325	76.399	0.958
13.6643	3.00239	50.001	50.003	49.998	23.29	0.251	0.032377	15502	7.042	81.248	0.961
13.6355	2.99073	50.003	50.003	49.997	22.4	0.264	0.021158	15502	6.961	83.552	0.96
13.6709	2.99629	49.999	49.997	49.997	22.96	0.274	0.01567	15502	6.891	84.113	0.962
13.6455	2.9955	50.002	50	50.004	23.08	0.269	0.033541	15502	7.305	82.325	0.964
13.6781	2.99782	49.997	50	50	23.31	0.264	0.021919	15502	7.305	84.396	0.965
13.6877	3.0113	49.997	50.004	50.001	23.72	0.264	0.016234	15502	7.829	82.329	0.965
13.6871	2.99773	49.996	49.989	50.001	24.24	0.269	0.030659	15502	7.991	81.132	0.967
13.7007	3.00669	50.026	49.98	50.001	16.15	0.286	0	15502	7.648	80.982	0.969
13.6651	2.99545	49.998	50.009	50.001	22	0.268	0.017377	15502	7.426	82.047	0.971
13.718	3.01519	50	49.997	50.001	23.71	0.262	0.00668	15502	7.93	80.687	0.972
13.7048	3.01081	50.001	50	50	25.56	0.258	0.00841	15502	8.989	75.899	0.974
13.6537	2.99743	50.001	50.001	50.001	26.47	0.273	0.015884	15502	10.673	64.89	0.975
13.648	2.99265	49.999	50.002	50.001	28.49	0.265	0.011764	15502	10.27	65.317	0.976

13.6477	2.99489	50	50.002	50.001	26.5	0.283	0.008713	15502	9.211	68.366	0.976
13.6492	2.99288	49.998	49.997	50.001	25.14	0.259	0.009679	15502	8.636	69.857	0.979
13.6763	2.9974	50.005	50	49.998	24.4	0.271	0.006325	15502	7.426	63.381	0.979
13.6817	3.00007	49.997	49.998	49.998	23.23	0.272	0.007027	15502	6.951	69.589	0.98
13.6948	3.00251	49.998	50	50.001	23.72	0.268	0.005204	15502	6.578	74.765	0.977
13.6907	3.0108	49.999	50.002	50.001	23.72	0.286	0.01671	15502	6.356	72.408	0.98
13.6652	2.99899	49.995	49.997	49.997	22.34	0.259	0.00728	15502	5.366	70.716	0.98
13.7111	3.01135	50.001	49.994	50.002	21.67	0.275	0.008087	15502	4.679	71.457	0.979
13.6554	2.99586	50.001	50.002	50.004	21.02	0.268	0.005285	15502	4.477	71.413	0.98
13.6698	3.00571	50	50.001	49.999	20.43	0.261	0.016968	15502	4.033	73.107	0.981
13.6604	3.0024	50.002	50.001	50	20.31	0.274	0.011089	15502	3.406	76.178	0.98
13.6945	2.99536	49.999	50.002	50.004	20.26	0.28	0.020942	15502	3.103	77.061	0.982
13.6671	2.999	50.006	49.999	50.003	19.76	0.281	0.01551	15502	2.638	79.087	0.983
13.664	2.99461	50.001	50.002	49.994	21.03	0.276	0.005962	15502	2.658	77.494	0.983
13.6781	2.99415	49.993	49.997	49.996	21.77	0.286	0.01126	15502	2.355	79.213	0.981
13.6686	3.00332	50.003	49.998	50.001	20.38	0.277	0.01251	15502	3.042	74.328	0.983
13.693	3.00186	50.004	50.003	49.997	21.83	0.279	0.023626	15502	4.477	65.856	0.983
13.655	2.99584	49.99	50.001	50.001	24.4	0.279	0.015439	15502	5.689	60.214	0.984
13.6526	3.0013	50.001	49.993	49.999	25.83	0.273	0.003957	15502	7.022	57.235	0.985
13.672	2.99948	49.999	50.002	50	26.47	0.275	0.012703	15502	8.132	52.411	0.985
13.6766	3.0016	49.998	50.002	50.002	27.36	0.256	0.027191	15502	8.525	43.459	0.984
13.667	2.99751	50.003	50	50.001	28.45	0.272	0.030207	15502	8.959	42.338	0.985
13.6822	3.00418	50.003	49.999	49.998	28.6	0.262	0.033559	15502	8.818	43.589	0.986
13.6731	2.99666	49.999	49.996	49.998	27.84	0.258	0.007588	15502	8.051	45.253	0.986
13.6439	3.00038	50.005	49.994	49.992	25.07	0.275	0.00562	15502	6.487	51.371	0.987
13.6721	2.99915	49.998	50.002	50.005	23.03	0.264	0.006244	15502	5.386	55.801	0.986
13.6691	2.99699	49.998	50.001	50	22.33	0.282	0.020046	15502	3.992	62.705	0.989
13.6877	2.99984	50.007	49.996	49.997	21.62	0.263	0.02227	15502	2.547	69.702	0.987
13.6483	2.9942	50.002	50.006	49.993	20.93	0.285	0.014553	15502	2.86	67.416	0.986
13.6986	3.00943	50.001	49.999	50.006	20.32	0.263	0.009511	15502	2.466	68.206	0.989
13.6493	3.00393	50.001	49.994	50.001	20.16	0.291	0.010566	15502	1.182	74.357	0.988
13.6295	2.99293	50.004	50.005	50.001	20.71	0.279	0.006905	15502	-0.225	79.26	0.99
13.6474	2.99859	50.001	50.001	50.007	20.97	0.278	0.007671	15502	-1.369	83.626	0.988
13.6674	2.99221	49.993	49.998	49.997	22.34	0.274	0.008522	15502	-2.24	86.871	0.991
13.6789	3.00858	50.003	49.995	49.998	21.04	0.287	0.009467	15502	-2.625	89.271	0.99
13.6318	2.99173	49.997	49.997	49.994	22.34	0.275	0.003639	15502	-2.726	91.227	0.993

13.6518	2.99629	50.003	49.999	50	20.97	0.283	0.004043	15502	-2.615	90.779	0.991
13.6801	3.00077	50.003	50.003	49.998	22.35	0.296	0.014711	15502	-2.483	90.818	0.991
13.6738	3.00413	50	49.998	49.993	21.35	0.28	0.016343	15502	-1.774	87.453	0.992
13.6832	3.00827	49.999	50.001	50.004	20.51	0.264	0.030866	15502	1.657	72.746	0.992
13.6485	2.99415	50.003	50.006	50.005	23.52	0.256	0.058293	15502	6.012	60.969	0.99
13.6991	3.00725	49.998	50.002	50	28.85	0.261	0.038094	15502	8.657	48.914	0.992
13.6674	2.99612	49.999	50.007	50.002	31.37	0.27	0.028214	15502	11.207	44.191	0.991
13.6697	3.00043	50.001	49.999	50.005	33.62	0.272	0.053285	15502	13.544	43.928	0.991
13.6788	2.99905	50	49.995	49.994	34.04	0.268	0.034821	15502	15.788	39.24	0.99
13.6733	2.99928	50	50.008	50.001	33.94	0.258	0.008924	15502	16.914	39.525	0.988
13.668	2.99522	49.998	50.001	49.994	33.95	0.261	0.009914	15502	17.477	38.389	0.988
13.6819	3.00402	50.003	50.001	50	34.08	0.27	0.011014	15502	16.281	41.56	0.989
13.6434	2.99061	49.996	50.004	50.002	33.78	0.265	0.023574	15502	14.812	47.512	0.989
13.7149	3.0095	50	49.996	49.997	32.02	0.286	0.026189	15502	13.936	48.403	0.988
13.7014	3.00256	50.002	49.994	50.003	31.04	0.265	0.005922	15502	13.634	48.425	0.989
13.668	3.00192	49.996	50.001	49.998	30.5	0.273	0.019013	15502	13.05	49.064	0.99
13.6825	3.0002	49.999	50.004	49.995	29.91	0.272	0.007309	15502	12.718	48.462	0.987
13.6519	2.99517	49.999	50.001	50.005	29.24	0.273	0.013803	15502	10.854	55.159	0.99
13.6519	3.00511	50.005	50.003	49.998	28.53	0.287	0.026069	15502	10.512	56.435	0.988
13.6511	2.98889	49.997	50.002	50	27.23	0.277	0.006681	15502	5.649	75.247	0.99
13.6797	2.99934	49.998	50.009	49.998	25.79	0.277	0.012617	15502	5.003	84.912	0.99
13.6884	3.00594	50.008	49.998	50	24.97	0.26	0.015886	15502	4.204	82.738	0.991
13.6636	3.00058	50.001	49.998	49.999	24.43	0.278	0.030003	15502	4.053	84.473	0.99
13.7022	3.00044	49.997	49.999	50.003	24.01	0.264	0.011533	15502	5.063	77.464	0.988
13.7055	3.00498	50.002	50.002	50.004	23.77	0.271	0.012813	15502	5.245	77.868	0.99
13.6744	3.00342	49.999	49.998	49.997	23.8	0.277	0.024198	15502	4.76	76.959	0.988
13.6824	3.00121	50	50.002	50.001	23.21	0.277	0.077692	15502	3.325	84.504	0.99
13.6693	2.99917	49.996	50.002	50.004	23.86	0.277	0.033847	15502	6.8	69.347	0.991
13.6586	2.99503	50.001	50.005	50.001	27.23	0.276	0.037603	15502	10.441	59.307	0.99
13.6598	2.99549	50	50	49.993	33.48	0.267	0.008503	15502	14.037	45.961	0.992
13.6618	3.00718	50.001	49.998	50.003	34.05	0.269	0.027299	15502	16.502	38.954	0.992
13.6863	3.00093	50	50.002	49.996	34.07	0.279	0.020219	15502	17.326	39.404	0.99
13.67	2.99633	50.007	50.001	50.003	33.95	0.262	0.013213	15502	18.401	33.857	0.99
13.6238	2.99596	49.999	50.003	50.003	33.65	0.265	0.009786	15502	18.572	32.053	0.991
13.6649	2.99821	50	50.004	49.999	34.03	0.262	0.053411	15502	18.934	32.222	0.989
13.6298	2.99459	49.998	50.005	50.001	33.96	0.264	0.013688	15502	18.341	34.499	0.99

13.653	2.99428	50	50.002	50.001	34.68	0.273	0.008945	15502	14.56	46.057	0.988
13.6752	3.00063	50.001	49.999	50.003	32.06	0.278	0.016893	15502	9.927	68.93	0.988
13.6797	2.99883	50.002	50.002	50.006	30.53	0.268	0.036159	15502	12.325	52.886	0.988
13.6493	2.99317	49.996	50.001	50	30.57	0.266	0.0139	15502	13.01	50.449	0.988
13.6979	3.00899	50.003	50	49.998	30.21	0.273	0.015442	15502	11.963	54.219	0.987
13.6461	2.99399	50	50.003	50	30.21	0.271	0.010091	15502	12.567	52.86	0.987
13.6807	2.99846	50	49.997	50	30.36	0.276	0.055079	15502	12.164	54.966	0.987
13.6555	2.99953	50.003	50.004	50	30.25	0.275	0.007326	15502	11.278	58.717	0.987
13.697	3.00655	50.004	50	49.999	29.41	0.275	0.026658	15502	10.109	62.414	0.986
13.6635	2.99848	49.999	49.997	50.005	29.3	0.288	0.050346	15502	10.169	63.744	0.988
13.6815	3.00626	49.999	50	49.997	29.37	0.279	0.019353	15502	10.31	63.573	0.987
13.7095	3.01037	50.002	49.997	50.004	29.82	0.277	0.021501	15502	10.875	61.24	0.986
13.662	3.00161	50.001	50.001	50.001	29.91	0.276	0.023886	15502	11.197	58.004	0.987
13.6755	3.00249	49.996	49.996	50.001	29.97	0.267	0.026536	15502	11.781	52.507	0.986
13.7015	3.00692	49.996	49.999	49.998	30.6	0.287	0.019653	15502	11.912	52.042	0.985
13.6849	2.99978	50.004	50	50	31.11	0.269	0.012843	15502	12.466	51.631	0.987
13.6621	2.99846	49.998	50	49.998	31.97	0.262	0.024256	15502	12.909	49.356	0.986
13.6575	2.99238	49.997	50.001	50.003	32.08	0.272	0.017965	15502	12.728	55.229	0.988
13.6637	3.00604	49.999	50.001	50	32.68	0.267	0.019958	15502	13.232	54.344	0.985
13.6682	2.99384	49.997	50.001	50.004	32.79	0.271	0.037692	15502	12.738	58.1	0.985
13.6904	3.00812	49.997	50	49.999	32.69	0.273	0.047457	15502	13.071	61.259	0.985
13.6567	3.00703	49.999	50.002	50.002	31.96	0.258	0.007154	15502	11.096	80.503	0.986
13.6778	3.00483	50.006	50	49.999	29.92	0.272	0.013511	15502	9.907	88.037	0.986
13.6748	3.00494	49.999	49.993	49.999	29.22	0.269	0.025517	15502	9.423	91.264	0.985
13.6941	3.00917	50.001	50.002	49.998	28.09	0.27	0.032128	15502	9.534	91.745	0.984
13.6742	2.99677	50.003	49.995	49.995	28.02	0.262	0.020995	15502	9.675	89.758	0.986
13.6661	3.001	50.002	50.001	50.001	27.89	0.274	0.01372	15502	9.423	91.091	0.985
13.6553	2.99669	50.001	50	50	27.82	0.262	0.010162	15502	9.141	91.92	0.985
13.689	3.00503	49.998	49.996	50.005	27.72	0.271	0.032625	15502	8.949	92.928	0.984
13.6449	3.00085	50.004	49.999	50.002	27.88	0.268	0.012542	15502	8.979	93.401	0.983
13.6415	2.99662	50	49.998	50.003	27.98	0.271	0.005464	15502	9.322	92.819	0.981
13.6552	2.99943	49.999	50.002	50.004	28.59	0.274	0.010319	15502	10.25	88.527	0.983
13.6637	2.99473	49.998	50	49.994	28.68	0.277	0.007643	15502	10.068	91.563	0.982
13.6629	3.00243	49.999	50	50.005	28.53	0.284	0.016358	15502	10.482	90.623	0.981
13.6618	3.00356	49.999	50.001	49.998	28.54	0.273	0.006288	15502	9.978	93.924	0.982
13.7072	3.01237	50	50.006	49.998	27.84	0.274	0.006986	15502	9.796	95.04	0.98

13.6535	2.99714	50	50.002	49.998	27.21	0.259	0.014953	15502	9.746	95.397	0.982
13.655	2.99924	50	50.001	49.996	26.97	0.27	0.016612	15502	9.927	95.571	0.98
13.6958	3.01015	50.001	50.002	50.003	27.15	0.272	0.004257	15502	10.542	95.122	0.978
13.7028	3.00423	50.004	49.997	50.001	27.49	0.272	0.00536	15502	10.945	94.19	0.978
13.6755	2.99987	50.002	50.001	49.999	28.24	0.272	0.017209	15502	11.54	92.986	0.978
13.6773	3.00629	49.999	50.004	50.004	29.18	0.285	0.00441	15502	12.466	90.541	0.978
13.6652	2.99993	50.003	50.003	49.997	29.2	0.267	0.004899	15502	12.215	92.561	0.977
13.7111	3.00528	50.004	50.005	49.996	28.57	0.274	0.017828	15502	12.114	94.842	0.973
13.6335	2.98565	50.003	49.997	50.001	28.99	0.258	0.01165	15502	13.212	92.912	0.974
13.6895	2.99765	49.999	49.995	49.999	29.92	0.256	0.012943	15502	14.349	92.291	0.973
13.6317	2.99682	50	50.001	49.996	29.91	0.256	0.027703	15502	14.731	92.101	0.973
13.6583	2.99991	49.997	50.001	49.995	30.38	0.257	0.012069	15502	14.52	92.886	0.973
13.6513	2.98962	49.998	49.998	49.999	30.4	0.256	0.013408	15502	14.902	91.903	0.972
13.6641	3.00245	49.996	49.998	50.001	29.95	0.269	0.016882	15502	15.033	91.715	0.972
13.6958	3.00325	50.003	50	50.001	30.6	0.264	0.018755	15502	15.828	86.887	0.973
13.6619	2.99714	50	50.005	50	31.29	0.267	0.020835	15502	15.546	87.451	0.973
13.6544	3.00143	49.995	49.997	49.996	31.21	0.274	0.023147	15502	15.949	86.751	0.972
13.6504	3.00178	49.995	50.001	50	31.52	0.268	0.043715	15502	16.301	86.123	0.972
13.6716	3.00047	50	49.999	50.001	31.99	0.273	0.011203	15502	16.24	85.63	0.972
13.6939	3.00619	49.997	50.001	49.996	31.97	0.254	0.035969	15502	15.607	90.897	0.971
13.653	2.99069	50.004	49.997	49.998	31.28	0.274	0.039959	15502	15.717	90.062	0.969
13.6866	3.01037	49.999	49.997	49.997	31.17	0.271	0.015361	15502	15.768	90.097	0.968
13.6558	3.00292	50	49.998	49.998	30.64	0.255	0.02901	15502	15.426	90.69	0.967
13.6558	3.00255	49.998	50.003	50	30.6	0.265	0.036526	15502	15.808	90.199	0.965
13.6615	3.00224	50.004	49.997	49.998	31.26	0.263	0.02387	15502	16.27	87.958	0.966
13.6534	2.99634	50.001	49.997	50.002	32.45	0.256	0.026518	15502	16.753	86.873	0.964
13.6479	2.99285	49.998	49.996	49.999	33.35	0.262	0.017329	15502	17.336	84.364	0.966
13.6508	2.99337	50	49.999	50.001	33.36	0.264	0.011325	15502	17.206	79.295	0.966
13.6483	2.99476	50.002	49.998	50	33.35	0.265	0.012581	15502	15.939	68.605	0.965
13.6322	2.99053	50.004	49.997	50	33.06	0.267	0.02376	15502	15.597	66.233	0.967
13.6832	3.01152	49.998	50.002	49.999	32.68	0.268	0.029916	15502	15.375	63.077	0.965
13.7032	3.00104	50.006	50.002	50.002	32.66	0.272	0.033235	15502	14.913	69.84	0.966
13.6559	3.0009	50	50.001	50	32.66	0.268	0.012776	15502	14.47	74.245	0.965
13.6926	3.00485	50.002	49.998	50.001	32.85	0.28	0.008349	15502	15.063	61.962	0.965
13.6722	3.00315	49.997	50.001	49.998	34.06	0.276	0.01787	15502	14.752	65.747	0.967
13.6453	2.99672	50.001	49.996	50	33.32	0.254	0.006869	15502	14.188	63.618	0.968

13.6559	2.99994	50.003	50.001	49.998	30.89	0.275	0.024996	15502	11.771	68.788	0.969
13.6912	3.00302	50.001	49.998	49.996	28.58	0.268	0.016335	15502	9.887	75.121	0.968
13.6822	3.00528	50.004	50	50.001	27.68	0.271	0.007116	15502	9.262	76.007	0.968
13.6845	3.00497	49.999	50.006	50	27.11	0.27	0.005271	15502	10.068	70.583	0.971
13.6369	2.99297	50.001	49.994	50.001	27.8	0.272	0.048905	15502	10.119	71.832	0.971
13.6749	2.99627	49.999	50.001	49.998	27.86	0.27	0.03622	15502	9.635	75.554	0.971
13.6996	3.00882	50.002	50.002	50	27.07	0.276	0.01578	15502	8.616	78.754	0.972
13.6528	2.99783	50.004	50.002	49.998	26.47	0.272	0.029802	15502	8.414	76.98	0.972
13.6746	3.00751	50.008	50.002	50.002	26.3	0.277	0.037522	15502	7.668	81.701	0.971
13.6817	3.00539	50.002	50.003	49.999	25.78	0.256	0.014424	15502	7.204	84.737	0.972
13.652	2.99285	50.001	49.995	49.999	25.46	0.286	0.052484	15502	7.183	84.229	0.972
13.6292	2.9896	49.995	50.001	49.997	25.78	0.265	0.058307	15502	8.011	82.983	0.974
13.6585	2.9979	49.997	49.999	50.004	25.42	0.261	0.014943	15502	7.103	69.009	0.976
13.6653	3.00321	50.005	49.996	50.003	24.11	0.292	0.009765	15502	5.75	75.094	0.976
13.6428	2.99841	50.001	49.997	49.997	23.03	0.277	0.018442	15502	4.78	70.213	0.977
13.6505	3.00061	50.001	49.995	49.997	23.23	0.282	0.008035	15502	4.134	63.577	0.98
13.667	2.99896	50.001	49.997	50	22.99	0.266	0.025796	15502	4.477	57.47	0.98
13.6694	2.99835	50.003	50.003	50	24.6	0.286	0.005833	15502	4.578	50.597	0.981
13.629	2.99234	49.999	50.001	49.996	25.52	0.277	0.018728	15502	5.548	50.011	0.982
13.6908	3.00268	50	49.997	49.997	26.47	0.264	0.040085	15502	6.174	49.584	0.982
13.6787	3.00181	49.997	50.002	50.002	26.95	0.287	0.05047	15502	6.477	42.744	0.982
13.6703	3.00057	49.998	49.995	49.995	27.41	0.283	0.032982	15502	6.961	42.643	0.983
13.6488	2.9933	49.997	50.002	49.997	27.28	0.277	0.024427	15502	6.699	39.528	0.984
13.6795	2.9997	50.001	50	50.001	26.6	0.285	0.00939	15502	5.992	44.967	0.983
13.6732	3.00217	50.006	50.002	49.997	23.72	0.279	0.017734	15502	4.508	51.242	0.984
13.6696	2.99894	50.005	50.003	50	22.3	0.277	0.022328	15502	3.689	56.661	0.983
13.6433	2.99433	50.003	49.997	50.001	21.31	0.265	0.024805	15502	3.831	52.005	0.984
13.6333	2.99099	49.996	49.997	49.998	20.97	0.274	0.027557	15502	3.426	54.78	0.984
13.7144	3.00417	49.995	49.997	49.999	20.42	0.262	0.006231	15502	2.638	57.294	0.985
13.6456	2.99678	50.001	50.003	49.997	22.34	0.273	0.006923	15502	2.324	61.842	0.986
13.6986	3.00604	50.003	49.999	50	20.36	0.292	0.007691	15502	2.254	61.665	0.986
13.6757	2.99524	49.998	50.004	50.001	20.98	0.262	0.008544	15502	2.476	59.486	0.986
13.6964	3.00714	50	49.998	50.003	22.29	0.276	0.006328	15502	1.525	66.851	0.986
13.6514	2.99719	50.001	50.001	50	22.34	0.265	0.00703	15502	1.404	63.96	0.988
13.6772	3.0013	50	49.996	49.998	22.39	0.271	0.013277	15502	1.08	64.144	0.986
13.652	2.99639	50.001	50	49.997	22.16	0.284	0.025074	15502	0.888	63.842	0.99

13.6659	2.99513	50.008	50.004	49.999	21.66	0.277	0.010924	15502	0.575	64.561	0.99
13.6647	3.0058	50	50.005	50.009	21.88	0.283	0.012136	15502	0.2	69.448	0.99
13.6657	3.00936	49.998	50.001	49.996	21.8	0.288	0.02292	15502	-0.154	73.241	0.99
13.6662	2.99901	49.997	50	50.004	21.2	0.284	0.008811	15502	0.999	67.118	0.991
13.6698	3.00309	50.008	50.002	50.002	22.05	0.288	0.011093	15502	2.779	59.316	0.991
13.6602	2.99633	49.999	49.999	50.002	25.09	0.279	0.007249	15502	3.77	49.048	0.992
13.6747	3.00272	50.005	49.995	50.001	25.69	0.275	0.008054	15502	3.669	50.827	0.992
13.6885	3.00383	50	50.002	49.996	25.16	0.282	0.017238	15502	3.689	49.817	0.99
13.6826	3.00805	50	49.998	49.997	25.64	0.263	0.021704	15502	4.093	41.708	0.991
13.6883	3.00218	50.001	50.001	50.003	26.47	0.268	0.014183	15502	4.477	38.901	0.99
13.6583	3.0037	50.002	49.997	49.994	26.54	0.287	0.010505	15502	4.558	41.45	0.99
13.6798	2.99368	50	50	50.001	25.78	0.279	0.019839	15502	4.376	42.34	0.987
13.6446	2.99564	49.996	49.998	50.001	25.09	0.28	0.004486	15502	3.75	55.524	0.989
13.6962	3.00655	50	49.998	50.004	24.51	0.28	0.016323	15502	3.517	59.996	0.988
13.6698	2.99763	50.002	49.996	49.999	23.66	0.282	0.018134	15502	3.083	71.598	0.988
13.6132	2.98774	50.001	50.002	49.994	22.34	0.281	0.007901	15502	2.274	79.406	0.986
13.6519	2.99803	49.993	50.001	50.006	21.62	0.286	0.008777	15502	1.687	86.525	0.987
13.6572	2.99831	50.001	49.995	50.002	20.89	0.285	0.009751	15502	0.554	94.529	0.99
13.6584	2.99589	49.996	49.998	49.992	21.65	0.282	0.006372	15502	0.473	95.006	0.988
13.6575	3.00055	50.004	49.997	49.994	21.55	0.267	0.007079	15502	0.564	95.032	0.985
13.6672	3.00275	50.005	50.005	50.007	22.14	0.268	0.013369	15502	0.544	95.103	0.985
13.6771	3.00282	49.999	49.994	49.992	21.65	0.284	0.009902	15502	0.575	95.112	0.986
13.678	3.00043	49.997	50.002	50	22.35	0.286	0.006471	15502	0.736	94.928	0.984
13.6576	2.99595	49.998	50.001	50.001	21.7	0.289	0.008147	15502	0.575	95.112	0.983
13.6978	3.00169	50.002	50.008	50.007	21.75	0.28	0.015387	15502	0.494	95.43	0.981
13.6307	2.99305	49.997	50.003	50.002	21.41	0.279	0.032934	15502	0.332	95.766	0.982
13.6655	2.99644	49.996	49.999	49.994	21.98	0.269	0.007447	15502	0.352	95.772	0.983
13.6463	2.99523	49.995	49.999	49.994	21.11	0.265	0.009376	15502	0.311	96.288	0.982
13.6319	2.9952	49.998	50.002	49.996	20.97	0.269	0.010417	15502	0.413	96.692	0.982
13.6784	3.00243	49.999	49.995	50.002	21.64	0.297	0.013115	15502	0.109	96.715	0.981
13.6655	3.00314	50.002	49.996	49.998	22.34	0.276	0.008571	15502	-1.268	96.347	0.981
13.656	3.00565	50	49.995	49.993	22.34	0.288	0.009522	15502	-1.815	96.149	0.982
13.6609	2.99851	49.999	49.998	49.994	21.76	0.291	0.006222	15502	-1.916	96.064	0.981
13.6768	3.00657	49.999	49.995	49.997	21.76	0.265	0.029966	15502	-1.835	96.106	0.982
13.7023	3.00301	50.005	50.003	50.004	22.35	0.292	0.011519	15502	-2.26	95.87	0.984
13.6603	2.99574	50.001	50.002	49.998	22.51	0.287	0.021755	15502	-2.716	95.589	0.983

13.6667	2.99989	50.002	50.005	50.001	22.45	0.288	0.008363	15502	-3.294	95.272	0.985
13.6903	3.00401	50.001	50	49.995	22.79	0.268	0.015794	15502	-5.058	94.135	0.985
13.6807	3.006	49.999	50.001	50.009	22.4	0.287	0.006072	15502	-6.092	93.497	0.985
13.6679	2.99609	50	50.002	50	22.41	0.292	0.022092	15502	-7.635	92.72	0.985
13.6909	3.00093	49.998	50	49.993	22.58	0.274	0.012739	15502	-8.102	92.475	0.986
13.6895	3.0071	50	49.999	49.996	22.56	0.286	0.008325	15502	-9.178	91.911	0.987
13.665	2.99389	50.004	50.002	50.004	22.43	0.302	0.010481	15502	-9.462	91.772	0.987
13.6524	2.99635	50.001	50.001	50.002	22.79	0.289	0.010274	15502	-10.763	91.014	0.99
13.6655	3.00789	49.998	49.999	49.998	22.91	0.28	0.012936	15502	-11.007	90.945	0.988
13.697	3.00942	49.999	49.998	49.999	22.99	0.275	0.014371	15502	-11.088	90.848	0.986
13.6459	2.99374	49.995	49.997	49.996	22.42	0.314	0.015966	15502	-12.176	90.281	0.99
13.6836	3.00545	50.003	50	49.982	22.74	0.31	0	15502	-13.264	89.679	0.988
13.6835	2.99783	50.001	50	50.003	22.95	0.292	0.013889	15502	-13.346	89.582	0.99
13.6683	3.00555	49.999	50.002	49.998	22.98	0.283	0.009076	15502	-12.573	90.207	0.987
13.6285	2.99442	49.997	50.005	50	22.98	0.292	0.010083	15502	-11.495	90.77	0.989
13.6414	2.99949	50.001	49.997	49.999	22.42	0.287	0.011202	15502	-10.936	91.263	0.988
13.6765	3.00043	49.997	50.004	50.004	23.65	0.299	0.012445	15502	-9.747	91.45	0.99
13.6382	2.98964	49.999	49.998	50.002	22.34	0.294	0.023503	15502	-7.046	91.921	0.99
13.6792	3.00079	50.003	50.001	50.003	23.46	0.287	0.004689	15502	-5.869	92.964	0.988
13.6471	3.00252	50.002	49.998	49.999	25.87	0.29	0.015056	15502	-4.875	93.135	0.989
13.6394	2.98796	49.999	50	50	25.78	0.284	0.016726	15502	-3.952	93.436	0.986
13.6604	3.00177	49.994	50.004	49.995	25.53	0.286	0.010931	15502	-3.273	94.121	0.984
13.667	3.00208	50.001	50.001	50	22.74	0.278	0.020643	15502	-3.78	93.032	0.985
13.6676	3.0014	49.994	50.003	50.006	22.35	0.282	0.01349	15502	-3.476	89.367	0.984
13.6422	2.99132	50.005	50.002	49.995	22.57	0.279	0.008816	15502	-3.284	88.628	0.983
13.6817	2.9975	50	49.995	50.004	22.38	0.301	0.028305	15502	-3.182	89.567	0.983
13.6814	3.00477	49.998	50.004	49.995	22.32	0.293	0.020963	15502	-2.564	89.064	0.983
13.6614	3.00139	49.998	49.995	50.001	22.43	0.285	0.012088	15502	-1.865	88.22	0.984
13.6267	2.99857	50.001	49.998	50.002	22.48	0.286	0.007899	15502	-1.825	85.275	0.983
13.6697	2.99733	49.999	50.004	50.007	21.62	0.282	0.016908	15502	-1.622	84.981	0.983
13.6627	3.00714	49.998	50	49.994	22.34	0.282	0.011049	15502	-1.45	83.32	0.983
13.6595	3.00054	49.998	49.997	50.006	21.07	0.277	0.012275	15502	-1.065	81.493	0.982
13.6956	3.00756	50.001	49.996	50.003	22.34	0.27	0.013637	15502	-1.774	83.153	0.98
13.6787	3.0087	49.997	49.997	50	22.41	0.291	0.025754	15502	-1.683	82.954	0.98
13.6876	3.00438	49.994	50	49.994	22.34	0.265	0.0099	15502	-1.997	81.542	0.979
13.6647	3.00124	49.999	50.001	50	22.35	0.286	0.018697	15502	-2.118	82.361	0.979

13.6816	3.00511	50.003	50.003	49.997	22.33	0.272	0.012219	15502	-2.615	83.302	0.979
13.6551	2.99629	50.003	50.003	50.006	22.16	0.287	0.007985	15502	-3.294	85.716	0.981
13.6743	3.00091	49.998	50.001	50.001	22.78	0.269	0.008871	15502	-3.648	87.918	0.98
13.6562	2.99654	49.996	50.008	50	22.93	0.287	0.009855	15502	-2.787	86.688	0.981
13.6739	3.00019	49.998	50.001	49.997	22.65	0.276	0.03164	15502	-1.43	82.571	0.983
13.6659	2.99968	50.001	50.001	50.002	23.92	0.281	0.008109	15502	0.473	83.007	0.983
13.6684	3.00467	50.002	49.997	50.001	26	0.267	0.015314	15502	0.868	80.021	0.983
13.648	2.99205	50.007	50	50.001	27.49	0.274	0.017013	15502	1.981	78.632	0.983
13.6436	2.99499	50.002	49.998	50.003	29.01	0.276	0.02142	15502	3.75	73.752	0.984
13.6488	2.99266	50.001	49.998	49.996	31.28	0.284	0.008234	15502	4.881	72.825	0.986
13.671	2.99577	50	50.006	49.998	30.84	0.277	0.009148	15502	4.518	73.383	0.986
13.682	3.00044	50	50.001	50	28.78	0.278	0.011517	15502	3.477	77.746	0.983
13.6582	2.99551	49.998	49.999	50.003	23.72	0.284	0.012795	15502	2.638	80.707	0.985
13.6308	2.9963	50.002	50.001	49.998	21.63	0.294	0.004919	15502	0.989	84.404	0.984
13.6359	2.99604	50.001	50.001	50.001	20.39	0.28	0.015792	15502	-0.357	89.321	0.984
13.6793	2.99823	50.007	50.003	49.999	20.97	0.291	0.017544	15502	-0.539	91.469	0.987
13.6575	2.99997	50.007	50.002	50	22.34	0.29	0.011465	15502	-1.349	89.673	0.988
13.6579	2.99833	49.998	50.003	50	22.34	0.272	0.007492	15502	-1.875	90.744	0.986
13.6824	3.00976	50	50.004	50.007	22.33	0.277	0.01415	15502	-2.929	92.52	0.986
13.6468	2.99078	49.999	50	49.994	22.03	0.304	0.009247	15502	-2.868	92.363	0.99
13.6607	2.9986	50	49.999	49.994	22.37	0.288	0.006043	15502	-4.074	92.908	0.989
13.637	2.99467	50	49.999	49.999	22.6	0.289	0.019401	15502	-4.368	93.732	0.99
13.6634	2.99517	49.996	49.994	49.997	22.75	0.287	0.011187	15502	-4.713	93.745	0.99
13.7101	3.00794	49.997	49.995	49.997	22.36	0.274	0.021127	15502	-4.763	94.178	0.99
13.6897	3.00263	50.003	49.999	50.008	21.61	0.273	0.023471	15502	-3.709	94.146	0.991
13.6997	3.00719	50.001	50.005	50.01	22.34	0.273	0.009023	15502	-3.132	93.898	0.991
13.6687	3.00647	50.003	50.008	50.019	22.26	0.293	0.01704	15502	-2.969	93.603	0.991
13.6923	3.00596	49.996	49.998	50	20.97	0.29	0.018931	15502	-2.24	93.581	0.991
13.6546	2.99486	50.001	49.999	50.003	22.34	0.265	0.012371	15502	0.433	86.961	0.991
13.6599	2.99053	49.999	50.003	50.011	27.87	0.282	0.015576	15502	4.043	73.863	0.994
13.6318	2.99165	50.002	50.002	50.005	31.28	0.291	0.029417	15502	4.841	72.361	0.995
13.6745	2.99957	49.998	49.998	50	33.35	0.295	0.011308	15502	6.012	67.048	0.992
13.6781	3.00532	50.004	50.006	50	34.13	0.278	0.004927	15502	6.396	68.398	0.993
13.6866	3.00224	50.002	49.993	49.996	33.44	0.294	0.009304	15502	5.649	71.053	0.99
13.6695	3.00217	50.001	50	49.997	33.34	0.268	0.019915	15502	5.871	71.049	0.992
13.6874	3.00837	49.998	49.999	49.996	31.55	0.282	0.007656	15502	4.457	75.742	0.991

13.7099	3.00969	50.001	49.998	49.997	26.98	0.281	0.00567	15502	2.173	85.752	0.99
13.6477	2.99519	49.997	49.999	50	23.95	0.3	0.010708	15502	1.89	88.274	0.99
13.6551	2.99599	49.998	49.998	50	22.65	0.285	0.011896	15502	2.395	85.89	0.988
13.6411	2.99076	50.002	49.999	49.995	22.21	0.267	0.014978	15502	2.254	85.044	0.988
13.6614	2.99734	50.003	49.996	49.996	21.71	0.286	0.009788	15502	2.011	86.368	0.989
13.6792	3.00087	50.002	50.002	49.996	21.32	0.29	0.018486	15502	1.546	87.524	0.988
13.6736	2.99761	49.995	50	50.005	21.02	0.267	0.013691	15502	1.303	88.524	0.987
13.7163	3.01067	49.999	49.996	49.998	20.87	0.27	0.025857	15502	0.514	91.434	0.988
13.6599	3.00257	50.002	49.997	50	20.68	0.278	0.028726	15502	0.17	93.251	0.988
13.6726	2.99927	49.999	50	50.001	22.18	0.265	0.018772	15502	5.901	81.483	0.987
13.6763	3.00438	50	49.998	49.998	23.34	0.282	0.04018	15502	6.406	76.724	0.987
13.6916	3.00275	50.004	50.001	50.003	23.73	0.269	0.009086	15502	5.851	74.861	0.987
13.6461	2.99445	49.996	50.002	50.002	23.73	0.278	0.04959	15502	6.356	73.379	0.989
13.6817	2.99605	50.003	50.002	50.001	23.77	0.269	0.032407	15502	6.194	73.83	0.986
13.6975	3.01117	49.998	50.006	50.004	23.72	0.268	0.036002	15502	6.235	73.659	0.987
13.661	2.99714	49.998	49.996	50.001	23.99	0.267	0.039996	15502	6.659	73.16	0.99
13.6279	2.98931	50.003	50.004	50.006	25.94	0.294	0.015375	15502	8.071	65.393	0.989
13.693	3.00222	49.999	49.998	50	29.69	0.284	0.049363	15502	8.808	64.838	0.988
13.6628	2.99791	49.994	50.001	50.002	30.93	0.281	0.062152	15502	10.008	64.607	0.99
13.6454	2.99019	49.998	50.003	49.998	30.99	0.278	0.035837	15502	9.302	69.293	0.988
13.6553	2.99201	50.001	50.002	50.003	30.16	0.267	0.02342	15502	10.24	69.631	0.988
13.6635	2.99582	50	50.001	50	30.6	0.275	0.026018	15502	10.28	71.259	0.986
13.6686	3.00142	50.002	50.003	49.998	30.35	0.274	0.032758	15502	10.522	72.617	0.986
13.6582	2.99504	49.997	49.998	49.997	29.91	0.28	0.061867	15502	10.512	73.606	0.985
13.6582	3.00377	49.995	50.003	50	29.51	0.276	0.068731	15502	10.411	72.701	0.986
13.697	3.00647	50.001	49.997	49.998	29.22	0.263	0.044915	15502	10.421	76.655	0.988
13.6674	2.99665	49.997	49.999	49.997	29.22	0.281	0.084827	15502	10.431	74.287	0.988
13.7094	3.00925	50	50.001	50.003	29.14	0.284	0.062825	15502	10.723	72.056	0.986
13.6846	3.00907	50	50.003	49.998	29.22	0.291	0.014206	15502	10.693	72.836	0.989
13.6485	2.99247	49.998	49.996	50	29.2	0.294	0.02683	15502	10.733	70.153	0.987
13.68	3.00678	50.001	50	50	29.22	0.271	0.029807	15502	10.794	74.386	0.987
13.709	3.01014	50.003	49.999	50.005	28.55	0.283	0.056293	15502	9.685	86.76	0.99
13.6286	2.98464	49.994	50.004	49.998	27.18	0.275	0.021639	15502	8.949	92.696	0.99
13.6463	2.99714	49.997	49.999	49.999	26.77	0.293	0.016027	15502	8.838	94.028	0.99
13.6814	3.00545	50.003	50	49.997	26.83	0.282	0.030268	15502	9.161	93.869	0.99
13.6945	3.00413	49.995	50	49.998	27.42	0.282	0.01978	15502	10.27	91.659	0.988

13.6524	2.99844	50.003	50	50	28.04	0.287	0.042338	15502	11.227	91.169	0.989
13.6561	2.99977	50	50	50.003	28.98	0.267	0.041501	15502	11.862	88.39	0.99
13.6548	3.00135	49.999	50.002	50	29.87	0.263	0.046105	15502	12.416	85.761	0.988
13.6739	3.00549	50.001	50.002	49.999	30.46	0.265	0.011816	15502	13.071	83.785	0.991
13.6706	3.00259	50.002	49.999	50	30.97	0.278	0.022315	15502	13.614	83.815	0.989
13.6873	3.00232	50.001	50.002	49.998	31.23	0.284	0.014583	15502	13.614	86.142	0.99
13.661	2.9923	49.996	50.002	50.001	31.28	0.293	0.027541	15502	13.644	87.71	0.991
13.6691	2.99776	49.998	50	49.996	31.97	0.278	0.052014	15502	14.721	86.855	0.989
13.672	2.99792	50.006	49.997	49.997	31.96	0.291	0.038523	15502	15.768	83.51	0.987
13.6757	2.99576	49.996	50.001	50.004	32.68	0.277	0.072754	15502	16.431	81.521	0.987
13.6787	2.99839	50.006	50.004	49.998	33.75	0.272	0.027967	15502	16.904	80.018	0.988
13.6759	3.00386	49.999	49.993	49.998	34.07	0.263	0.035213	15502	16.793	81.851	0.987
13.6619	3.003	50.002	49.993	49.999	34.07	0.277	0.023011	15502	16.391	83.829	0.987
13.6411	2.99693	50.005	49.997	49.999	34.01	0.275	0.028973	15502	16.472	81.928	0.989
13.6945	3.00026	49.999	50.004	49.998	33.35	0.276	0.032187	15502	15.929	81.93	0.988
13.6903	3.00624	49.999	50.004	49.999	32.88	0.264	0.035758	15502	15.446	84.048	0.988
13.6806	2.99543	50.001	49.994	50.005	32.71	0.273	0.023368	15502	15.305	83.433	0.987
13.6502	2.99192	50	49.998	50	32.7	0.292	0.044133	15502	15.234	82.66	0.987
13.6457	2.99531	50	50	49.998	31.28	0.278	0.032686	15502	13.886	91.95	0.987
13.6639	2.99333	50	49.997	49.999	30.59	0.286	0.06173	15502	13.916	91.957	0.986
13.6623	3.00029	49.996	49.998	50.002	30.59	0.274	0.013959	15502	13.675	93.36	0.986
13.6433	2.99334	49.999	49.998	49.996	30.32	0.291	0.005366	15502	12.043	91.162	0.988
13.6579	2.99448	50	49.996	49.998	27.84	0.267	0.006756	15502	8.203	94.23	0.988
13.6643	2.99472	50.002	50.003	49.995	27.18	0.267	0.021691	15502	7.93	94.73	0.988
13.6774	3.00081	49.999	50.001	50.003	26.41	0.28	0.014175	15502	6.548	93.857	0.989
13.6699	3.0056	49.999	49.997	50	25.09	0.301	0.010498	15502	5.134	93.305	0.991
13.6564	2.98867	50.009	49.999	50.001	23.56	0.286	0.006861	15502	4.407	93.462	0.99
13.6642	3.00036	50	50	49.999	22.37	0.293	0.022027	15502	3.628	93.639	0.992
13.668	3.00321	50.001	50.002	50.003	21.82	0.272	0.009596	15502	3.699	94.156	0.993
13.6637	2.99855	50.004	50.001	50.004	21.93	0.272	0.010661	15502	3.558	94.079	0.994
13.697	3.00728	50.009	49.989	49.996	23.03	0.288	0.011844	15502	3.487	93.9	0.994
13.6804	3.00938	50.002	49.996	49.997	22.5	0.279	0.00774	15502	3.315	92.318	0.992
13.631	2.98566	50.001	49.998	50.001	22.27	0.304	0.009745	15502	3.164	92.926	0.995
13.6922	3.00523	49.995	50	50.001	22.24	0.287	0.010826	15502	2.759	92.936	0.995
13.6825	2.9967	49.998	50.003	50.002	21.65	0.289	0.020446	15502	2.456	89.563	0.993
13.6909	3.00377	50	50	50	21.32	0.292	0.00786	15502	2.193	88.182	0.995

13.6731	3.00177	49.997	50.003	50.007	20.97	0.269	0.014844	15502	1.748	87.21	0.994
13.6647	2.99866	50	50.001	50.001	20.75	0.286	0.018689	15502	1.667	86.758	0.994
13.6668	2.99743	49.999	50.003	49.996	20.72	0.272	0.012213	15502	1.566	86.256	0.995
13.6382	2.9904	49.999	49.996	50.003	20.66	0.299	0.023066	15502	1.404	85.864	0.996
13.6738	3.00403	49.996	49.996	50.001	20.41	0.267	0.015074	15502	1.364	85.835	0.994
13.686	3.00241	49.996	49.998	49.996	20.84	0.273	0.011164	15502	1.283	85.333	0.994
13.6998	3.00425	50.007	50.002	49.998	20.68	0.289	0.035843	15502	1.06	86.281	0.995
13.6788	3.0028	50.003	50.001	49.999	22.41	0.273	0.023423	15502	0.848	85.902	0.994
13.6781	3.00206	49.999	50.002	49.999	20.97	0.287	0.015307	15502	0.676	85.663	0.995
13.6697	3.0071	49.998	49.997	49.999	20.32	0.284	0.010003	15502	0.655	85.374	0.993
13.6692	2.98873	50	50.001	50.003	20.29	0.297	0.011113	15502	0.666	85.68	0.995
13.6644	3.00528	49.998	50.001	49.994	21.7	0.297	0.007262	15502	0.605	85.971	0.993
13.6524	2.99143	50	49.996	50	20.64	0.277	0.013715	15502	0.372	86.129	0.993
13.6638	2.99779	49.999	50	49.999	21.89	0.291	0.015237	15502	0.332	86.614	0.994
13.6907	3.00824	49.998	50.001	49.995	22.45	0.29	0.006638	15502	0.15	86.974	0.994
13.6822	3.00553	49.997	50.002	50	20.7	0.272	0.012537	15502	0.382	86.906	0.993
13.676	3.00469	49.999	50.001	49.998	20.87	0.294	0.008193	15502	0.858	86.078	0.994
13.6833	2.99855	50	49.998	50.002	21.71	0.285	0.026304	15502	1.566	84.254	0.993
13.653	3.00163	50.003	49.995	49.999	23.03	0.293	0.029222	15502	2.436	80.939	0.994
13.6707	3.00789	50.002	49.998	49.994	24.4	0.301	0.019097	15502	3.062	80.548	0.994
13.6739	3.00148	49.999	50.002	50.002	25.31	0.293	0.024044	15502	3.295	80.109	0.994
13.6417	2.99033	50.002	50.002	50.007	25.09	0.288	0.009243	15502	3.73	80.022	0.992
13.6772	3.00093	49.994	50	50.005	25.09	0.292	0.033632	15502	3.093	80.695	0.992
13.7186	3.01222	49.999	50.002	49.999	23.78	0.279	0.021978	15502	2.961	80.967	0.992
13.6676	3.00094	49.997	49.998	49.995	23.18	0.268	0.024416	15502	2.496	81.233	0.994
13.685	3.00734	49.997	49.998	50.001	22.97	0.284	0.009386	15502	2.456	79.871	0.992
13.7047	3.00933	50.003	50.006	49.993	22.34	0.273	0.030135	15502	2.193	79.858	0.992
13.6749	2.99642	49.997	50.005	49.999	22.18	0.284	0.109651	15502	1.687	81.869	0.992
13.6523	2.99488	50.004	49.998	49.998	21.97	0.29	0.042151	15502	0.979	85.869	0.994
13.6771	3.007	49.995	49.996	49.992	21.74	0.274	0.046827	15502	0.069	89.06	0.994
13.6681	3.00687	50.003	50.002	49.999	20.75	0.274	0.030601	15502	-0.296	89.213	0.993
13.687	2.9999	50.002	50.001	50.007	21.25	0.289	0.011763	15502	-0.529	90.035	0.992
13.667	2.99486	50.001	50.001	50	22.85	0.289	0.011531	15502	-0.599	89.071	0.993
13.6597	2.99338	49.998	50	50.003	22.12	0.297	0.01281	15502	-0.782	88.024	0.992
13.6601	3.00153	50.001	49.999	49.998	22.13	0.283	0.014231	15502	-1.055	88.599	0.992
13.6871	2.99702	50.004	49.999	49.995	21.65	0.291	0.01581	15502	-1.247	87.924	0.992

13.6761	2.99536	50.003	50	50.006	22.45	0.282	0.017564	15502	-1.247	84.684	0.994
13.6611	3.00505	50	49.997	50.001	22.55	0.3	0.005958	15502	-1.106	83.58	0.994
13.6504	2.99566	49.999	49.998	49.996	22.34	0.291	0.093973	15502	-1.085	77.051	0.993
13.7044	3.00768	49.999	49.996	49.999	21.36	0.279	0.02125	15502	-0.792	74.186	0.993
13.6613	3.00021	49.996	49.994	49.999	20.97	0.295	0.013886	15502	0.554	71.72	0.992
13.6786	3.00013	49.998	50	50.003	23.77	0.292	0.009075	15502	2.83	70.398	0.992
13.6918	3.00518	49.997	50.007	49.998	26.14	0.279	0.017139	15502	4.083	73.292	0.994
13.6757	3.00038	49.999	50	50.001	27.4	0.299	0.012693	15502	4.306	74.965	0.994
13.6733	3.00591	49.998	50.001	50.002	27.49	0.291	0.040754	15502	4.801	75.293	0.992
13.6604	2.99762	49.992	49.998	50.005	27.54	0.283	0.045275	15502	5.346	74.132	0.992
13.6808	3.00521	49.999	50	50.001	27.35	0.276	0.057004	15502	5.77	71.98	0.99
13.6786	2.99528	49.999	49.999	50.002	26.83	0.298	0.021913	15502	5.649	71.727	0.992
13.6635	2.99699	49.996	49.997	49.997	26.47	0.282	0.008424	15502	5.467	76.3	0.993
13.6716	2.99582	50.003	50.001	50.002	25.73	0.275	0.027045	15502	5.043	79.986	0.991
13.6955	3.00501	50	49.998	49.998	24.42	0.292	0.030045	15502	4.7	80.216	0.991
13.676	3.00389	50.003	50.003	50.001	24.4	0.284	0.033378	15502	4.477	82.249	0.99
13.6941	3.00039	49.999	49.999	50	24.22	0.268	0.021813	15502	4.154	83.276	0.991
13.6599	3.00166	49.995	50	50.004	24.38	0.282	0.07937	15502	4.295	81.881	0.991
13.665	2.99637	49.999	50.004	50.001	24.4	0.286	0.03051	15502	4.457	75.542	0.99
13.6674	3.00009	50	50.006	49.997	24.41	0.292	0.033895	15502	4.235	61.617	0.99
13.6621	3.00786	50.003	50	49.997	24.4	0.284	0.07255	15502	3.952	60.904	0.989
13.6646	3.0032	50	50	50.001	23.72	0.264	0.00965	15502	3.74	59.585	0.989
13.6702	3.00587	49.999	49.998	50	23.65	0.29	0.010721	15502	3.548	65.34	0.988
13.6786	3.00708	50.004	50.004	50	23.75	0.294	0.01191	15502	3.507	64.955	0.987
13.685	3.00399	49.997	49.997	50.001	23.59	0.278	0.014996	15502	3.345	66.316	0.986
13.6705	3.0027	49.998	50.001	50	23.03	0.27	0.005764	15502	3.457	67.765	0.986
13.6785	3.00508	50.001	49.999	49.999	22.94	0.294	0.018508	15502	3.386	70.538	0.986
13.6733	2.99422	49.996	50.004	49.999	23.03	0.276	0.034953	15502	3.568	73.288	0.985
13.6431	2.99844	49.999	50.002	49.997	23.51	0.271	0.013436	15502	3.689	75.507	0.986
13.6768	3.00275	50.001	50.003	49.997	22.64	0.282	0.028759	15502	3.487	83.754	0.986
13.661	3.00495	49.996	49.997	49.999	22.32	0.288	0.018794	15502	3.164	88.045	0.986
13.6745	2.99982	50.004	50	49.998	22.3	0.282	0.020879	15502	3.871	90.04	0.983
13.6899	3.00737	49.998	50.001	50.003	23.66	0.274	0.023196	15502	5.346	81.659	0.984
13.6699	3.00201	50.002	49.997	50.003	24.4	0.297	0.029205	15502	5.669	78.857	0.983
13.6881	3.0016	49.999	49.998	50.004	24.93	0.293	0.055156	15502	5.296	84.621	0.982
13.6651	2.99851	49.999	50.001	50	24.63	0.287	0.014135	15502	5.063	87.683	0.98

13.6592	2.99981	50	50	50.005	24.37	0.269	0.026696	15502	4.659	91.735	0.98
13.684	3.00787	50	49.999	50.002	23.8	0.28	0.019771	15502	4.821	93.727	0.978
13.6453	2.99594	50.003	49.999	49.999	24.07	0.283	0.03734	15502	4.902	93.465	0.977
13.6556	2.99619	49.997	50.002	50.002	24.4	0.283	0.009569	15502	5.063	93.733	0.98
13.6531	2.99352	50.002	50	50	24.58	0.287	0.006254	15502	5.265	94.691	0.98
13.6826	3.00199	50.005	50.003	50.003	25.17	0.271	0.007874	15502	5.74	95.509	0.978
13.6699	2.99818	50.003	49.998	50.002	25.94	0.285	0.008747	15502	6.305	95.708	0.977
13.6771	3.00548	50.001	50.004	50	26.36	0.286	0.028084	15502	6.76	96.135	0.977
13.6919	2.99934	49.998	49.993	49.997	26.47	0.262	0.018353	15502	7.083	95.991	0.977
13.6786	3.00317	49.996	50.002	50.001	26.2	0.292	0.004703	15502	6.86	95.565	0.976
13.6761	3.00017	49.997	49.999	50.004	25.24	0.284	0.04364	15502	6.275	95.52	0.977
13.6477	2.99266	49.994	50.002	50	25.07	0.271	0.016776	15502	5.861	95.523	0.976
13.6499	2.99321	50.001	49.999	49.997	24.6	0.279	0.035907	15502	5.73	92.397	0.977
13.64	2.98974	49.999	50.003	49.998	24.52	0.286	0.023465	15502	5.528	89.815	0.976
13.7147	3.00615	50.001	50.004	50.002	24.04	0.263	0.026068	15502	4.316	86.727	0.976
13.6818	2.99735	49.996	50.003	50.001	23.08	0.289	0.055797	15502	3.153	85.043	0.978
13.6836	2.99389	50.004	49.997	49.998	22.73	0.293	0.021449	15502	3.143	81.054	0.977
13.6419	2.9855	49.998	50.006	50.002	22.34	0.273	0	15502	4.033	75.007	0.978
13.6766	2.99783	50.001	50.004	50.001	27.22	0.295	0.009033	15502	5.831	68	0.977
13.6859	3.00108	50	49.995	50.002	29	0.268	0.019335	15502	5.992	70.032	0.978
13.6695	2.99775	50.003	49.996	50.002	29.22	0.268	0.018953	15502	6.437	66.131	0.977
13.6726	3.00524	50.001	50.003	49.997	28.45	0.282	0.021056	15502	6.588	66.913	0.977
13.6589	2.99601	50.002	50.004	50	29.75	0.285	0.023392	15502	7.658	64.028	0.976
13.6578	3.00031	49.999	49.999	49.999	30.15	0.279	0.050068	15502	6.78	68.444	0.977
13.6948	3.00304	49.996	50.002	50.005	27.18	0.283	0.019247	15502	6.174	74.304	0.975
13.6733	3.00327	50.002	49.998	50.001	25.94	0.28	0.012578	15502	5.568	77.549	0.976
13.6682	2.99883	49.998	50	49.997	25.03	0.274	0.015836	15502	5.023	79.194	0.977
13.6644	3.00598	49.999	50.002	49.996	24.2	0.268	0.029908	15502	4.74	79.25	0.977
13.6594	2.99552	50.003	49.998	49.999	23.94	0.279	0.006763	15502	4.376	82.271	0.975
13.6718	2.99844	50.006	49.998	49.998	23.72	0.288	0.021713	15502	3.143	87.436	0.975
13.6668	3.00524	50	49.999	49.999	23.28	0.272	0.00946	15502	3.042	89.12	0.976
13.6959	3.00433	49.995	50	50	23.32	0.287	0.006182	15502	2.81	86.284	0.973
13.7019	3.00724	49.996	50.001	49.998	23.03	0.297	0.019847	15502	2.274	90.888	0.975
13.6797	3.00669	49.997	49.996	49.997	23	0.281	0.0147	15502	1.991	92.362	0.975
13.6989	3.00882	49.999	50	49.996	22.34	0.269	0.009606	15502	1.384	93.195	0.972
13.6626	3.00737	50.007	50.002	50.002	21.04	0.274	0.004625	15502	0.625	94.742	0.973

13.6609	3.00408	50	50.002	49.996	20.47	0.275	0.014848	15502	0.585	94.692	0.974
13.67	3.00773	49.999	49.999	50.004	20.28	0.286	0.016496	15502	0.311	94.072	0.972
13.645	2.99874	50	49.999	49.997	20.66	0.277	0.01078	15502	0.716	93.325	0.973
13.6551	2.99311	50.003	50	50.003	20.97	0.268	0.020359	15502	0.939	92.434	0.975
13.6843	3.00488	50	49.998	50.001	21.65	0.297	0.015078	15502	1.05	91.903	0.975
13.6634	2.99676	49.998	49.996	50.003	22.29	0.282	0.009854	15502	1.424	90.062	0.975
13.6731	3.0032	49.997	50	50	22.34	0.284	0.01861	15502	1.566	90.575	0.973
13.6981	3.00726	49.997	50	50.001	21.68	0.29	0.007154	15502	1.202	83.697	0.973
13.7115	3.00618	50.001	49.997	50.004	22.34	0.269	0.004675	15502	1.819	80.611	0.975
13.6776	3.00712	49.999	49.998	49.994	22.73	0.277	0.017011	15502	1.708	81.622	0.975
13.6784	3.0039	50.004	49.998	49.997	22.07	0.288	0.006539	15502	0.696	92.766	0.977
13.6631	3.00315	50.001	49.998	50.001	22.34	0.282	0.01235	15502	1.475	79.413	0.977
13.6959	3.01117	49.999	49.997	49.997	20.97	0.272	0.01372	15502	1.04	78.043	0.98
13.656	3.00359	50	50.001	50.002	20.42	0.295	0.008966	15502	1.091	79.746	0.979
13.6627	2.98928	49.997	50.001	50.001	20.35	0.286	0.011289	15502	1.04	85.71	0.981
13.6706	2.99939	50.008	50.001	49.997	20.32	0.282	0.02132	15502	1.161	84.022	0.981
13.6698	3.00334	50	50	50.01	20.42	0.267	0.013932	15502	0.898	85.806	0.982
13.6567	3.00271	49.998	50.003	50.013	21.05	0.291	0.015478	15502	0.807	85.193	0.983
13.6713	2.9985	50.001	49.999	50.001	22.3	0.272	0.019488	15502	0.403	85.703	0.984
13.6792	3.00168	50.001	50	49.999	21.63	0.287	0.007491	15502	0.18	87.427	0.985
13.6616	2.99556	50.006	50	50.012	22.29	0.284	0.009432	15502	0.21	86.69	0.985
13.643	2.99136	49.998	49.995	49.998	21.41	0.29	0.006164	15502	-0.276	89.306	0.986
13.6815	3.00458	50.01	49.997	49.997	20.62	0.272	0.011641	15502	0.271	88.571	0.986
13.7012	2.99921	50.001	50.006	49.999	21.65	0.297	0.007607	15502	0.483	89.086	0.987
13.6611	2.99058	49.999	49.998	50.001	20.61	0.289	0.008451	15502	0.706	89.768	0.989
13.6468	2.99476	50.001	50.003	49.996	20.94	0.293	0.009389	15502	1.171	88.722	0.99
13.7223	3.00677	49.998	50.002	50	20.97	0.286	0.011821	15502	1.06	88.987	0.99
13.6717	3.00757	50.003	50.001	50	20.61	0.307	0.013133	15502	1.131	89.256	0.99
13.6732	2.99407	49.993	50.002	49.999	20.48	0.274	0.008582	15502	0.979	89.923	0.992
13.6806	2.9992	49.998	49.996	50	20.84	0.291	0.006356	15502	0.959	91.149	0.992
13.6904	3.00199	50.002	50.001	49.999	20.97	0.293	0.020407	15502	1.323	89.118	0.992
13.6345	2.98952	49.999	50.001	50.002	21.63	0.282	0.013336	15502	1.566	88.487	0.993
13.6483	2.99729	50	50.009	50.006	22.21	0.294	0.005127	15502	1.768	87.538	0.993
13.6612	3.00486	49.999	50.002	50	23.03	0.291	0.009682	15502	1.991	87.208	0.994
13.6614	2.99837	50.006	49.999	49.997	22.35	0.293	0.01219	15502	2.031	88.182	0.993
13.6653	2.99797	49.998	50.001	49.999	22.21	0.275	0.011949	15502	1.93	87.558	0.993

13.6972	2.9965	50	50	49.995	21.76	0.293	0.015045	15502	1.91	88.914	0.993
13.6529	2.99939	50.001	50.005	49.994	21.82	0.289	0.005783	15502	1.93	89.215	0.995
13.6623	2.99602	49.997	49.997	50.005	21.73	0.289	0.018569	15502	1.799	89.39	0.995
13.6569	2.99243	49.997	50.004	49.998	21.64	0.297	0.007138	15502	1.94	88.88	0.996
13.6844	3.00599	49.998	50.005	50	21.22	0.274	0.013481	15502	1.91	88.682	0.994
13.684	3.00337	49.996	50.002	50.004	21.58	0.291	0.00881	15502	1.222	90.811	0.995
13.6445	2.99468	50.001	50.005	50.003	20.97	0.273	0.016638	15502	0.615	92.664	0.995
13.7041	3.00912	49.999	50.003	49.997	20.36	0.29	0.018484	15502	0.362	92.993	0.994
13.6574	3.00234	49.999	50.007	50.002	21.5	0.308	0.007105	15502	-0.124	93.755	0.995
13.6697	2.99906	49.997	49.996	49.999	21.67	0.302	0.007894	15502	-0.154	93.649	0.994
13.689	3.00733	50	49.995	49.998	21.79	0.285	0.014908	15502	-0.276	93.322	0.995
13.6882	2.99295	50.001	49.999	49.991	22.22	0.295	0.016562	15502	-0.346	93.731	0.996
13.6867	3.0084	50	50	50.001	22.36	0.294	0.006366	15502	-0.61	93.911	0.996
13.6738	2.99852	50.004	50.002	49.999	22.39	0.272	0.012024	15502	-0.822	94.329	0.998
13.6755	2.99753	50	50.001	50	22.31	0.307	0.007857	15502	-1.055	93.997	0.998
13.6897	3.0012	49.999	50.004	50.001	22.14	0.28	0.01484	15502	-0.62	93.46	0.999
13.6733	3.00605	49.998	50.004	49.996	22.47	0.293	0.009698	15502	1.566	88.68	1
13.6525	2.98929	49.996	50.001	50.001	27.5	0.275	0.01221	15502	4.134	83.477	1
13.6744	2.99744	49.998	50.002	50.001	29.93	0.289	0.02306	15502	5.992	78.056	0.999
13.6625	2.99824	50.001	50	50.002	31.83	0.288	0.005214	15502	8.374	72.347	1.001
13.6624	3.00123	49.996	50.007	50.006	34.15	0.299	0.011161	15502	8.314	72.076	1.001
13.6692	3.00128	50.001	49.999	50.004	34.82	0.292	0.021078	15502	9.524	66.964	1.001
13.6635	3.00391	50.004	49.999	49.995	35.48	0.281	0.039809	15502	10.028	66.838	1.001
13.6634	2.99966	49.995	50	49.996	34.12	0.283	0.005295	15502	8.394	75.545	1.002
13.6634	2.99766	50.005	49.999	49.994	29.27	0.271	0.017001	15502	6.134	82.872	0.999
13.6667	3.00089	49.998	49.998	49.999	26	0.295	0.032107	15502	3.174	91.233	1.001
13.6795	3.00338	50.003	49.998	49.996	23.79	0.291	0.040425	15502	1.971	93.338	0.999
13.6517	2.99898	49.997	49.998	50.001	22.94	0.309	0.026418	15502	3.447	91.554	1
13.6947	3.00035	50.001	50.004	50	22.42	0.292	0.029349	15502	3.012	91.54	1
13.6429	2.99723	49.998	50.004	50.001	22.33	0.294	0.036952	15502	2.395	93.516	1.002
13.6688	2.99816	50.003	49.997	49.999	22.3	0.298	0.014205	15502	0.635	94.436	0.999
13.647	2.99444	49.997	49.999	49.998	21.85	0.287	0.009283	15502	0.15	95.2	1.001
13.6809	3.00172	50.001	49.998	50	21.77	0.308	0.017531	15502	0.038	95.473	0.999
13.6761	3.00176	50.001	49.996	49.999	21.16	0.303	0.022073	15502	-0.215	95.494	1.001
13.6572	2.9957	49.998	49.999	50.006	20.98	0.288	0.014425	15502	-0.488	95.566	1.002
13.694	3.00648	49.999	50	49.995	20.97	0.298	0.016025	15502	-0.903	95.674	1.001

13.6768	2.99762	50.001	50	50.002	20.95	0.295	0.017803	15502	-0.751	95.897	0.999
13.6694	2.99643	49.999	50	49.997	20.97	0.302	0.011634	15502	-1.065	95.84	1.001
13.6603	2.9944	50	50.003	50.004	20.95	0.279	0.037352	15502	-1.409	95.934	1.001
13.6607	2.9956	50.004	49.999	49.997	20.44	0.295	0.007453	15502	-1.511	95.942	1.002
13.6903	3.00177	50.003	49.998	49.998	21.39	0.292	0.014075	15502	-0.458	95.65	1.001
13.6445	2.99393	49.996	49.995	50.006	23.04	0.292	0.006132	15502	0.473	92.902	1.002
13.6799	3.00029	49.998	49.999	50.001	26.47	0.286	0.006812	15502	3.325	83.42	1.002
13.6692	3.00009	50.004	49.998	50.003	29.22	0.282	0.004452	15502	4.417	83.476	1
13.6829	3.0023	50	50.006	49.998	29.91	0.284	0.024298	15502	5.811	79.298	1.001
13.6622	3.00043	50.002	50.003	50	31.36	0.271	0.017996	15502	6.204	79.484	0.999
13.6703	2.99314	50.001	50	49.999	32.55	0.285	0.019992	15502	5.881	83.504	0.999
13.6772	3.00069	50	50.001	49.994	29.91	0.278	0.007685	15502	4.174	89.292	1
13.6698	3.00184	49.998	50	49.997	26.38	0.303	0.008538	15502	3.133	91.819	0.999
13.6703	3.00462	49.999	49.999	49.996	24.39	0.277	0.01075	15502	2.628	92.087	0.999
13.6773	2.98902	49.997	49.996	50	23.55	0.298	0.011942	15502	2.709	92.478	0.998
13.6477	3.00078	50.004	49.999	50.001	22.87	0.294	0.022554	15502	1.748	93.137	0.996
13.698	3.01172	49.999	49.999	50	22.44	0.277	0.016704	15502	1.566	94.192	0.997
13.6834	3.0042	50.001	49.999	49.992	22.34	0.277	0.018557	15502	1.111	93.748	0.997
13.6553	3.0015	50.005	50	50	22.06	0.278	0.012127	15502	0.655	93.701	0.996
13.6791	3.00559	50.002	50	49.998	21.64	0.286	0.013473	15502	-0.357	94.289	0.997
13.6655	2.99769	50.003	49.999	50.001	20.97	0.275	0.008804	15502	-0.144	95.173	0.995
13.6692	3.00421	50.002	49.996	49.998	20.46	0.3	0.016628	15502	-0.579	95.313	0.995
13.6549	2.99335	50	49.995	49.997	20.32	0.301	0.018473	15502	-1.055	95.402	0.995
13.6757	3.0018	49.997	50.001	49.994	20.28	0.294	0.012072	15502	-1.531	95.451	0.993
13.6549	2.99981	49.996	50.003	50.001	21.21	0.298	0.013411	15502	-1.632	95.646	0.994
13.693	3.00487	50.001	49.999	49.999	21.3	0.297	0.025328	15502	-2.098	95.695	0.992
13.6838	3.00401	50	49.998	50.002	21.16	0.294	0.009736	15502	-2.301	95.655	0.993
13.6917	3.00502	49.998	50	50.002	21.74	0.309	0.018388	15502	-0.944	95.996	0.991
13.6812	2.99634	50	49.995	50.004	22.46	0.294	0.023152	15502	2.719	92.864	0.992
13.6633	2.99753	49.998	49.998	50.001	28.53	0.287	0.043725	15502	5.629	77.245	0.992
13.6479	2.99639	49.998	50.007	49.998	30.67	0.286	0.009887	15502	5.952	77.682	0.992
13.6492	3.00238	50.003	49.999	50	31.77	0.268	0.018673	15502	6.679	75.138	0.993
13.6781	2.99769	49.997	49.997	49.996	30.71	0.282	0.020744	15502	6.356	78.961	0.992
13.6631	3.00205	50.004	50.003	50.001	30.39	0.293	0.009038	15502	7.083	75.649	0.988
13.6826	3.00022	50	50.001	49.998	31.35	0.286	0.029016	15502	6.82	77.773	0.989
13.6772	2.9964	50.006	50.001	50	30.6	0.293	0.018962	15502	6.679	78.426	0.99

13.6632	2.99235	50	49.993	49.998	27.84	0.287	0.014044	15502	3.73	88.706	0.99
13.6697	3.00355	49.997	50.002	49.998	25.47	0.298	0.009178	15502	2.385	91.739	0.99
13.6921	3.00038	49.999	49.999	49.997	24.4	0.271	0.019644	15502	1.91	93.301	0.99
13.6678	2.99979	49.998	49.993	49.999	23.42	0.293	0.012837	15502	1.394	94.222	0.99
13.7203	3.00991	49.992	50	49.995	23.03	0.296	0.024244	15502	1.04	94.899	0.987
13.6558	2.99655	49.996	49.997	50.003	22.34	0.275	0.030525	15502	0.534	95.597	0.988
13.6558	2.99748	50	50	49.996	21.51	0.298	0.011734	15502	-0.195	95.462	0.988
13.6445	2.9895	49.995	49.994	49.995	20.97	0.295	0.022161	15502	-0.316	95.427	0.988
13.6374	2.99206	50	50.003	50.002	20.54	0.305	0.005011	15502	-1.085	95.693	0.988
13.7046	2.99804	50.005	50	50	20.28	0.306	0.016089	15502	-1.399	95.9	0.988
13.669	3.00154	49.998	50	49.998	21.57	0.294	0.030386	15502	-1.885	95.909	0.986
13.6908	3.01275	49.998	49.996	49.996	21.86	0.29	0.022504	15502	-1.653	96.178	0.987
13.7227	3.00591	49.999	50.003	50	20.79	0.291	0.008651	15502	-1.693	96.003	0.986
13.6827	3.00392	50.001	49.998	49.999	20.36	0.291	0.009611	15502	-1.713	96.326	0.987
13.6679	2.99706	50	50.005	50.001	20.58	0.278	0.018151	15502	-1.349	96.437	0.99
13.6577	2.99641	49.999	49.999	50	20.78	0.288	0.020164	15502	-1.288	96.599	0.989
13.6919	3.00902	49.998	49.999	50.001	21.63	0.285	0.022401	15502	-0.923	96.583	0.988
13.6349	2.9945	50	49.997	49.999	22.41	0.298	0.014639	15502	-0.518	96.752	0.991
13.6721	2.99957	50.003	49.997	49.999	23.28	0.293	0.009567	15502	-0.174	96.631	0.988
13.6533	2.99686	49.998	50.003	49.995	23.96	0.273	0.018068	15502	0.129	96.347	0.987
13.6768	3.00055	50.003	50.001	49.999	24.2	0.292	0.020072	15502	0.696	96.813	0.987
13.6521	2.99764	49.999	50.002	49.998	24.55	0.3	0.008745	15502	0.797	96.768	0.988
13.6546	2.99027	50.001	50.002	50.001	23.76	0.27	0.028076	15502	1.89	96.938	0.985
13.6678	2.99588	49.998	49.997	50.001	23.89	0.288	0.053024	15502	2.759	96.832	0.985
13.6846	3.00091	50	50.002	50.005	24.34	0.287	0.039271	15502	3.285	96.584	0.985
13.7189	3.00594	49.999	50.003	50.001	23.76	0.281	0.015096	15502	3.477	95.438	0.986
13.6533	3.00567	49.997	49.991	50.001	23.71	0.292	0.028511	15502	3.103	95.335	0.984
13.6963	3.00905	49.998	49.995	49.997	23.53	0.283	0.031674	15502	3.305	96.05	0.983
13.6703	3.0002	49.998	50.004	50.001	23.53	0.275	0.035188	15502	3.891	94.729	0.981
13.6482	2.99694	50.006	49.996	49.998	23.7	0.28	0.026061	15502	4.76	91.492	0.981
13.6598	2.99987	50.004	50.001	50.001	23.75	0.284	0.028952	15502	4.639	88.981	0.984
13.6855	3.00627	50.002	50.003	49.999	23.98	0.295	0.032164	15502	4.72	90.221	0.982
13.7082	3.01365	49.999	50.002	50.004	24.24	0.283	0.060746	15502	4.497	91.07	0.982
13.6677	2.99752	49.998	49.998	50.001	24.26	0.274	0.039697	15502	4.417	92.125	0.979
13.6782	2.99676	50.004	50.004	49.997	24.26	0.299	0.074972	15502	4.639	92.924	0.981
13.6552	2.9979	50.001	49.999	49.996	24.28	0.287	0.048994	15502	4.396	92.776	0.98

13.6697	3.00142	50.004	50.003	49.993	23.83	0.271	0.032017	15502	3.689	93.152	0.98
13.6536	2.99847	49.999	50.007	49.998	23.05	0.286	0.040312	15502	3.335	94.1	0.98
13.6865	3.00192	50.001	50.004	50.002	22.61	0.301	0.044784	15502	3.022	94.564	0.98
13.6863	3.00448	49.997	50	49.999	22.75	0.286	0.049752	15502	3.527	93.064	0.979
13.6823	3.00742	50.002	50.002	49.997	23.75	0.283	0.019125	15502	4.215	90.404	0.98
13.6766	3.0037	49.998	49.999	49.998	26.48	0.282	0.02408	15502	5.952	86.469	0.98
13.6464	2.99717	50.002	49.999	50.002	28.13	0.268	0.045478	15502	7.345	83.48	0.98
13.6509	2.99483	49.998	49.994	50.001	30	0.287	0.029719	15502	8.435	81.877	0.98
13.681	2.99919	50.002	50.001	49.996	31.22	0.267	0.012948	15502	9.221	79.524	0.978
13.6648	3.00086	50.007	50.001	49.999	32.54	0.288	0.024453	15502	10.25	77.373	0.979
13.6615	2.99516	49.998	49.997	49.998	32	0.285	0.01598	15502	9.544	78.588	0.977
13.6865	3.00539	50	50	49.996	30.6	0.297	0.010443	15502	8.818	82.629	0.977
13.6697	3.00416	49.999	49.997	50	29.22	0.283	0.007734	15502	8.172	85.637	0.977
13.6762	3.01091	50	50.006	50.003	28.3	0.266	0.024832	15502	7.597	89.705	0.976
13.6709	3.00565	49.999	50.003	50.001	27.32	0.289	0.031265	15502	8.435	87.758	0.976
13.7116	3.00569	50.001	49.995	49.999	27.3	0.28	0.039365	15502	9.625	85.737	0.976
13.6796	2.99991	50	49.998	50.005	27.5	0.283	0.029154	15502	9.534	84.649	0.975
13.6612	3.00108	50.006	49.996	49.996	27.62	0.293	0.021593	15502	9.181	84.984	0.973
13.6881	3.00183	50.001	49.998	50.002	27.54	0.278	0.023988	15502	9.02	85.038	0.972
13.6587	2.99929	50.004	50.001	50.001	27.59	0.277	0.010451	15502	8.899	86.475	0.972
13.6552	2.99335	50.003	49.998	49.999	27.83	0.283	0.038027	15502	9.504	86.761	0.97
13.6855	3.00638	50.003	50.006	49.997	27.71	0.28	0.016567	15502	9.04	88.69	0.97
13.7142	3.01415	49.998	49.999	49.997	27.16	0.285	0.020859	15502	8.192	90.553	0.97
13.6749	3.00245	50.001	49.998	49.998	26.55	0.284	0.015449	15502	7.506	92.543	0.969
13.6856	2.99921	50.001	49.998	49.995	25.92	0.288	0.029177	15502	5.942	93.813	0.972
13.6555	3.00266	50.005	50.001	50.001	25.03	0.285	0.032414	15502	4.72	92.186	0.972
13.668	2.99395	50.001	50	49.998	24.11	0.28	0.040811	15502	3.821	93.248	0.972
13.6624	2.99753	49.999	50.001	49.999	23.36	0.284	0.077076	15502	3.396	93.313	0.973
13.685	2.99912	49.998	49.998	50.004	23.7	0.292	0.029629	15502	4.78	90.385	0.973
13.6779	2.99874	49.997	49.996	50.001	26.33	0.283	0.0067	15502	6.588	85.116	0.973
13.6901	3.00698	49.995	50.003	49.998	30.6	0.268	0.007443	15502	8.556	80.105	0.976
13.6804	3.00323	49.998	50	50.003	32.56	0.294	0.009371	15502	9.322	75.463	0.974
13.6797	3.00118	49.998	50.003	50.001	33.71	0.278	0.006124	15502	10.804	68.906	0.976
13.6635	2.99871	49.996	49.999	49.998	34.84	0.293	0.006803	15502	12.013	61.514	0.976
13.6795	3.00095	50.003	50	50.002	34.75	0.28	0.012849	15502	12.356	63.813	0.976
13.7034	3.00619	50	49.999	50.001	34.72	0.289	0.009516	15502	11.016	73.113	0.976

13.6557	2.99435	49.999	49.997	50.001	31.28	0.289	0.017973	15502	8.344	84.506	0.974
13.7029	3.00812	49.997	50.007	50	28.58	0.279	0.019967	15502	7.627	80.234	0.975
13.6732	3.00652	49.995	49.995	49.999	27.18	0.285	0.064105	15502	5.821	88.247	0.976
13.618	2.98317	50.002	49.997	49.999	26.56	0.289	0.009664	15502	6.558	85.449	0.976
13.6533	2.9919	50	50	50	26.38	0.279	0.010736	15502	5.71	85.605	0.974
13.7167	3.00914	49.997	49.996	49.999	25.66	0.291	0.034469	15502	5.71	87.341	0.973
13.6449	3.00039	50.003	50.009	49.997	25.07	0.283	0.038293	15502	5.528	87.471	0.975
13.6546	2.99439	49.994	49.996	49.998	24.42	0.278	0.048213	15502	5.255	86.873	0.975
13.6864	3.00631	50.002	49.996	50.001	24.39	0.291	0.00962	15502	5.114	88.07	0.973
13.6622	2.99961	50.002	49.999	50.004	24.47	0.28	0.052504	15502	5.922	85.294	0.972
13.672	3.00034	50.001	49.996	49.998	24.98	0.274	0.038886	15502	7.365	81.417	0.972
13.6758	2.99572	49.999	49.999	50.002	25.17	0.282	0.025412	15502	7.264	81.679	0.97
13.6529	2.99156	49.999	50.001	49.999	25.25	0.277	0.028231	15502	7.466	81.914	0.971
13.6813	3.0006	49.997	50	50.002	25.81	0.282	0.031363	15502	8.757	77.7	0.969
13.6819	2.99987	50	49.999	50.002	26.42	0.26	0.039488	15502	9.615	74.658	0.968
13.6726	3.00503	50.002	49.995	50.001	27.16	0.267	0.043869	15502	10.572	70.521	0.969
13.6522	3.00237	50	50.004	49.999	28.19	0.26	0.011242	15502	11.439	66.291	0.968
13.6569	2.99471	49.999	50.001	50.003	29	0.282	0.014155	15502	11.993	64.592	0.967
13.6674	3.00065	50.008	50.001	50.001	30.54	0.271	0.00925	15502	13.232	60.247	0.968
13.6427	2.99505	50.003	50.001	49.998	31.69	0.274	0.05722	15502	14.037	60.464	0.967
13.6596	2.99355	50.002	49.998	49.995	32.23	0.275	0.037393	15502	14.067	62.057	0.966
13.6527	3.00363	50	49.998	49.998	32.66	0.278	0.014374	15502	14.238	62.514	0.965
13.6729	2.99953	49.998	50.002	50	32.66	0.268	0.027147	15502	13.987	63.299	0.967
13.6757	3.00315	49.998	50	49.996	31.35	0.261	0.006957	15502	12.013	70.665	0.968
13.6403	2.99216	49.999	50.001	50.001	29.22	0.274	0.007729	15502	9.826	74.522	0.97
13.6629	2.99956	50	50.004	50.002	27.25	0.265	0.009731	15502	8.344	77.437	0.97
13.6859	3.00961	50.001	50.001	50.001	26.72	0.295	0.018378	15502	8.818	75.261	0.969
13.695	3.00104	49.999	49.996	49.994	26.47	0.28	0.007065	15502	8.556	76.135	0.969
13.6757	3.00719	50.001	50	50	26.14	0.276	0.015122	15502	8.414	75.703	0.97
13.6506	2.99932	50.003	49.999	49.997	25.91	0.28	0.016799	15502	7.971	76.86	0.969
13.6938	3.0089	50.003	49.998	50.001	25.54	0.267	0.010978	15502	7.113	79.926	0.971
13.6469	2.9952	49.995	50.002	49.999	25.3	0.279	0.007174	15502	7.92	75.373	0.971
13.6497	2.99208	49.999	50.002	50.004	25.28	0.269	0.015356	15502	7.698	73.294	0.971
13.6712	2.9972	49.993	50.005	50.001	25.19	0.276	0.029001	15502	6.911	75.963	0.971
13.6723	2.99743	50.004	50.001	50.005	25.03	0.268	0.011148	15502	7.163	73.518	0.972
13.6842	3.00224	50.005	49.999	49.997	25.09	0.279	0.004857	15502	6.618	74.497	0.97

13.7068	3.00615	49.999	50	50.004	24.48	0.301	0.009173	15502	4.568	80.872	0.972
13.6322	2.99405	49.997	49.999	49.995	23.72	0.284	0.02945	15502	1.96	90.598	0.973
13.6559	2.99245	50.003	50.002	50	23.32	0.298	0.019246	15502	2.092	91.817	0.973
13.6732	3.00283	49.996	50	50.001	23.09	0.302	0.036347	15502	2.415	92.663	0.972
13.6861	3.00142	50	50	50.003	24.93	0.284	0.015835	15502	5.669	79.961	0.976
13.7099	3.00827	49.998	50	50.004	27.23	0.27	0.017592	15502	7.849	73.632	0.978
13.668	3.00009	50	50.004	50.002	31.8	0.277	0.019544	15502	10.854	61.721	0.975
13.6562	2.99647	50.002	50.004	50.003	34.7	0.265	0.014475	15502	12.768	53.916	0.977
13.6608	2.99703	50.002	49.998	49.996	34.07	0.284	0.046473	15502	13.413	52.797	0.976
13.6669	2.99942	50.006	49.996	49.998	34.66	0.277	0.010509	15502	12.93	60.803	0.977
13.667	3.00068	50.002	50.003	50.002	34.71	0.282	0.019846	15502	12.557	66.666	0.977
13.642	2.99231	50	50.002	49.999	33.37	0.273	0.024988	15502	11.217	73.852	0.977
13.6735	3.0061	49.999	49.998	49.996	31.32	0.263	0.01633	15502	10.159	78.598	0.977
13.6692	2.99633	49.999	50.006	49.998	30.6	0.262	0.010671	15502	11.318	75.317	0.976
13.686	3.00384	49.998	50	50.004	30.62	0.266	0.022841	15502	11.56	86.627	0.975
13.668	3.00053	49.995	50.004	49.996	31.26	0.269	0.00878	15502	10.965	92.101	0.977
13.6508	3.00108	50.001	50.001	50.004	31.28	0.272	0.02819	15502	11.288	93.304	0.977
13.6806	3.00144	50	49.997	49.998	31.54	0.263	0.018422	15502	11.862	92.937	0.976
13.683	3.00887	50.001	50.002	49.998	32.1	0.287	0.023195	15502	12.204	92.861	0.977
13.6658	3.00565	50.001	49.999	50	32.76	0.287	0.015158	15502	11.671	93.577	0.977
13.67	2.99596	49.996	49.999	49.999	32.86	0.282	0.019084	15502	11.58	94.063	0.976
13.6734	3.00064	50.005	50	49.999	33.25	0.286	0.021202	15502	11.832	94.512	0.975
13.6582	2.99801	50.003	50.002	50.002	33.35	0.281	0.00815	15502	12.668	95.035	0.978
13.6568	2.99956	49.999	50	50.001	33.52	0.279	0.029656	15502	14.017	93.927	0.979
13.6704	2.99836	49.999	50.002	49.998	33.48	0.266	0.032946	15502	13.785	93.649	0.979
13.694	3.00392	50	50	49.999	33.42	0.28	0.036601	15502	13.514	93.836	0.98
13.6605	2.99853	49.999	50.002	49.998	32.86	0.282	0.040662	15502	13.06	94.229	0.978
13.6798	3.00497	49.997	49.997	50	33.03	0.298	0.017715	15502	12.809	94.441	0.979
13.6809	3.00169	49.999	49.999	49.998	33.32	0.265	0.056876	15502	12.325	95.592	0.981
13.6693	3.00058	49.998	49.999	50.004	33.39	0.294	0.008574	15502	12.366	95.958	0.981
13.6672	2.99834	50	50.003	50	34.73	0.278	0.046797	15502	13.131	94.312	0.98
13.6515	2.99451	49.999	49.998	49.999	34.91	0.285	0.017989	15502	13.534	94.207	0.983
13.6912	3.00766	50.001	50	50.002	34.76	0.276	0.007837	15502	13.916	94.567	0.981
13.6755	3.00493	49.998	50	49.999	34.71	0.268	0.014801	15502	13.836	95.861	0.982
13.6777	3.00055	50.003	50.006	50	34.07	0.281	0.016444	15502	14.077	95.801	0.982
13.6664	2.99425	49.998	50.007	49.999	34.64	0.278	0.010746	15502	14.037	95.325	0.981

13.6862	3.00221	50.001	50	50.001	34.36	0.274	0.01353	15502	13.936	95.207	0.983
13.6584	2.99484	49.998	50	50	34.22	0.287	0.025552	15502	13.896	95.329	0.983
13.6772	3.0046	50.004	49.999	50.002	34.72	0.263	0.009823	15502	13.906	94.991	0.983
13.7046	3.0086	50	50.002	50.002	34.82	0.281	0.012367	15502	13.826	94.671	0.983
13.6574	3.00091	49.999	49.998	50.001	34.93	0.283	0.013739	15502	13.916	94.93	0.981
13.7022	3.00088	50	50.001	49.994	34.09	0.262	0.025948	15502	16.612	93.768	0.982
13.6698	3.00221	50.001	50.003	50	34.82	0.266	0.03267	15502	17.025	91.258	0.982
13.6798	3.00378	49.998	49.997	50.004	34.72	0.28	0.036295	15502	17.004	91.842	0.981
13.665	2.99373	49.998	50.001	49.999	34.87	0.287	0.068546	15502	16.914	92.021	0.981
13.6779	2.99656	49.998	49.998	50	34.73	0.28	0.029863	15502	16.944	92.186	0.979
13.6664	2.99594	49.999	50.001	50	34.84	0.278	0.033176	15502	16.924	92.607	0.98
13.6782	3.00366	50.004	49.997	50.002	34.73	0.275	0.021681	15502	17.015	91.573	0.979
13.6584	3.00123	49.998	49.995	49.993	34.04	0.275	0.046405	15502	16.361	94.794	0.978
13.6919	3.00771	49.997	49.998	49.999	33.35	0.282	0.030326	15502	16.301	94.734	0.978
13.6822	2.99549	50.003	49.997	49.992	33.34	0.265	0.057273	15502	16.411	94.481	0.98
13.6551	3.0023	50.001	49.996	50	33.41	0.263	0.022016	15502	16.27	94.334	0.979
13.6658	2.99645	50.004	50.002	50.001	33.45	0.27	0.024459	15502	16.391	92.78	0.978
13.6658	2.99645	50.002	50	50.008	33.99	0.275	0.010656	15502	16.391	90.323	0.978
13.6292	2.99204	49.997	49.997	50.003	34.09	0.278	0.034212	15502	16.602	89.663	0.976
13.675	3.00291	50	49.995	50.002	34.72	0.278	0.064613	15502	17.185	86.19	0.974
13.7097	3.0031	49.998	50	50.002	34.7	0.275	0.037256	15502	16.472	89.798	0.973
13.6713	2.99738	50	50.001	50.005	33.62	0.275	0.04139	15502	15.818	93.557	0.972
13.6793	2.99838	50.004	49.999	49.999	33.16	0.274	0.027048	15502	15.587	93.759	0.973
13.6768	2.99848	50.002	50.001	49.998	32.3	0.279	0.034055	15502	15.607	93.414	0.972
13.6449	2.99498	49.997	50.001	49.998	32.04	0.265	0.011551	15502	15.516	93.568	0.97
13.7255	3.0096	49.999	49.999	49.997	31.75	0.277	0.021815	15502	14.882	93.964	0.97
13.6624	2.99315	50.001	49.996	50.001	31.79	0.259	0.014256	15502	15.556	93.795	0.968
13.6958	3.00944	50.001	50	50.001	31.91	0.283	0.015838	15502	15.365	93.569	0.966
13.6344	2.99764	50	49.998	50	31.79	0.276	0.009132	15502	15.516	92.95	0.966
13.6793	3.00259	49.999	49.998	50.004	31.82	0.263	0.017247	15502	16.21	89.406	0.966
13.6654	2.99982	50.001	49.999	50.001	32.65	0.268	0.019161	15502	16.773	88.595	0.964
13.6822	2.99771	49.998	49.997	49.995	32.66	0.28	0.007366	15502	16.572	90.552	0.962
13.6876	3.0069	49.999	50.001	50.008	32.6	0.275	0.008183	15502	16.803	88.299	0.96
13.6363	2.99729	49.999	50	49.999	32.93	0.26	0.005347	15502	17.035	86.01	0.96
13.682	3.00197	50	49.995	49.998	33.38	0.278	0.010099	15502	16.653	82.81	0.958
13.6549	3.00224	50.01	50	50	33.29	0.268	0.032424	15502	15.285	89.04	0.959

13.6565	3.00085	50.002	50.002	50	32.34	0.258	0.036021	15502	14.077	90.82	0.958
13.6541	2.98983	49.999	50	50.002	31.04	0.275	0.040018	15502	13.443	91.652	0.956
13.6916	3.0032	50	50	49.995	29.97	0.27	0.015383	15502	12.013	90.002	0.956
13.6602	2.99392	49.998	50.003	49.998	28.39	0.294	0.006702	15502	10.23	88.701	0.958
13.6761	3.00065	50.002	50.001	50.005	28.53	0.273	0.014345	15502	10.431	86.897	0.957
13.7002	3.0032	49.999	50	50.005	29.05	0.274	0.003244	15502	10.391	86.429	0.959
13.654	2.9953	50.005	50.001	49.998	29.19	0.277	0.011803	15502	10.733	82.238	0.957
13.6692	3.00185	49.994	50	49.995	28.51	0.268	0.013112	15502	9.312	85.616	0.957
13.6745	2.9952	49.999	50.007	50.002	28.53	0.29	0.009711	15502	10.713	81.511	0.957
13.6892	3.00773	50.003	49.999	49.998	29.32	0.293	0.012227	15502	10.038	79.263	0.958
13.6964	3.0108	50.003	50.002	49.999	28.54	0.272	0.013584	15502	9.584	75.264	0.961
13.6905	3.00924	49.997	50.001	50	27.78	0.277	0.017103	15502	9.04	76.237	0.962
13.6808	3.00153	50.001	50.001	50	26.89	0.264	0.012667	15502	8.172	81.793	0.961
13.6524	2.99778	50.001	49.998	49.996	25.99	0.278	0.027112	15502	7.839	83.219	0.964
13.6597	2.99705	49.999	49.995	50.002	25.28	0.276	0.006131	15502	6.659	80.016	0.965
13.6927	3.0082	50.001	49.997	49.997	25.04	0.279	0.011578	15502	6.073	86.678	0.966
13.6698	2.99503	49.998	49.999	50.003	24.45	0.268	0.012863	15502	5.427	94.201	0.967
13.6671	3.00112	50.001	49.999	50.001	24.47	0.282	0.009527	15502	5.821	93.33	0.968
13.6656	2.99874	50.003	50.005	49.998	24.34	0.275	0.017992	15502	5.831	91.59	0.969
13.6651	2.99777	50.003	49.999	49.999	23.92	0.291	0.006916	15502	5.407	93.625	0.97
13.7041	3.0093	50.003	49.998	49.997	23.74	0.28	0.013062	15502	5.528	92.094	0.971
13.6629	3.00381	49.999	49.997	50.001	23.72	0.292	0.014511	15502	5.205	94.136	0.972
13.6677	2.99548	50.001	50	49.998	23.04	0.289	0.009483	15502	4.841	92.322	0.973
13.6298	2.99494	50.004	50.002	50	23.16	0.299	0.01194	15502	4.417	91.379	0.975
13.6618	2.99977	50.003	50.004	49.997	23.6	0.287	0.013265	15502	4.336	89.27	0.975
13.7129	3.01073	49.995	50.003	50.007	23.74	0.288	0.008668	15502	4.376	85.834	0.976
13.6749	3.00356	49.997	50.002	49.998	24.05	0.29	0.00963	15502	4.295	82.206	0.977
13.6622	2.99655	50.001	49.997	50.001	24.4	0.286	0.020612	15502	4.437	83.664	0.979
13.6851	3.00341	49.999	49.994	49.999	25.11	0.275	0.007924	15502	4.619	80.835	0.979
13.6415	2.98796	49.998	50.002	50.001	26.37	0.282	0.014964	15502	4.932	80.624	0.979
13.6431	2.99391	49.998	50.004	50.007	27.16	0.274	0.006519	15502	5.306	80.021	0.979
13.7046	3.00506	49.998	49.998	50	27.55	0.292	0.023722	15502	6.285	79.884	0.98
13.6877	3.00308	49.997	49.999	50	28.47	0.288	0.017569	15502	5.609	81.462	0.978
13.6534	2.99751	50	49.999	49.998	27.89	0.301	0.011482	15502	5.841	82.382	0.978
13.706	3.0082	49.998	49.999	49.999	27.22	0.285	0.012755	15502	5.639	82.567	0.98
13.6616	3.00109	49.998	50	50	26.7	0.286	0.009447	15502	5.528	84.359	0.979

13.6682	3.00233	49.993	49.999	50	26.47	0.285	0.011894	15502	5.427	86.071	0.98
13.6718	3.00213	49.999	49.998	49.996	25.8	0.29	0.013214	15502	5.225	86.066	0.978
13.6716	2.9939	50.002	49.999	50.002	25.43	0.286	0.028283	15502	5.154	86.76	0.979
13.6623	3.00043	49.999	50.001	50.002	25.09	0.288	0.010872	15502	5.003	87.886	0.979
13.6868	3.00213	49.998	50.004	50.005	24.51	0.277	0.013689	15502	4.952	88.504	0.977
13.6864	3.00758	50.001	49.998	49.999	24.4	0.303	0.008946	15502	5.003	88.712	0.977
13.6542	2.99576	49.996	49.994	50	24.4	0.294	0.019148	15502	5.043	90.56	0.977
13.6489	3.00207	50.001	49.998	50.004	24.46	0.278	0.00736	15502	5.003	91.411	0.974
13.695	2.99934	50.005	50.001	50.001	24.64	0.286	0.015755	15502	5.144	92.404	0.974
13.7081	3.0017	49.999	49.999	50	25.09	0.287	0.006056	15502	5.467	92.16	0.973
13.7017	3.00903	49.997	50	50.002	25.09	0.293	0.011438	15502	5.346	90.619	0.973
13.6652	3.00493	49.995	50	50	25.09	0.284	0.012707	15502	5.548	90.417	0.973
13.6564	2.99873	50.002	49.997	49.997	25.06	0.292	0.009411	15502	5.487	93.934	0.974
13.6597	2.99334	49.999	50.001	49.999	24.01	0.283	0.017773	15502	5.386	93.741	0.972
13.6455	2.99349	49.998	49.999	50.004	24.41	0.286	0.011615	15502	5.629	94.173	0.972
13.6652	2.99869	50.001	49.993	49.997	24.47	0.267	0.021936	15502	6.517	93.849	0.971
13.6774	2.99947	50.002	50.009	50.002	25.83	0.283	0.016246	15502	7.87	91.965	0.97
13.6423	2.99279	49.998	50.001	49.996	27.26	0.265	0.018049	15502	8.878	89.07	0.97
13.6492	2.99824	50.003	49.998	49.999	28.53	0.282	0.013367	15502	11.046	84.733	0.968
13.673	2.9944	50.003	49.999	50.001	30.6	0.285	0.0099	15502	12.154	83.858	0.968
13.6694	2.99374	49.996	50.003	50	32.64	0.283	0.007332	15502	12.799	75.16	0.969
13.6861	3.00742	49.999	49.997	49.999	31.97	0.299	0.013848	15502	10.673	52.531	0.968
13.6581	2.99461	50.001	50.003	50	30.64	0.294	0.015384	15502	9.272	61.345	0.968
13.6626	2.99349	50.006	50.001	49.997	29.17	0.267	0.006702	15502	7.133	68.935	0.971
13.6909	3.00881	50.002	50	49.999	25.86	0.271	0.014346	15502	5.447	74.43	0.97
13.6301	2.99337	50.002	50.002	50.004	23.72	0.294	0.009375	15502	4.154	72.246	0.972
13.6573	2.99362	49.999	50.001	50.002	22.68	0.289	0.010415	15502	4.053	72.504	0.971
13.6644	3.00175	50.003	50.001	49.998	22.34	0.29	0.01967	15502	3.73	70.807	0.972
13.6667	2.99773	49.995	50.006	49.998	21.95	0.271	0.014568	15502	3.123	74.518	0.972
13.701	3.00646	49.995	50.006	50	21.01	0.28	0.00952	15502	2.011	72.568	0.974
13.6727	3.00834	50.003	49.999	50.003	20.65	0.286	0.010576	15502	1.971	75.553	0.972
13.6631	2.99515	49.996	50.002	50.003	20.37	0.306	0.006912	15502	1.647	75.606	0.972
13.6696	2.9968	50.002	50	50	20.04	0.273	0.014794	15502	1.262	75.06	0.975
13.7064	3.00653	49.997	50.002	49.994	20.97	0.28	0.009668	15502	0.979	74.805	0.973
13.6986	3.01138	50.005	50.005	50.005	22.27	0.295	0.006318	15502	0.595	75.453	0.973
13.6885	3.00714	50.002	50.002	49.997	21.72	0.277	0.020284	15502	-0.174	75.554	0.973

13.6511	2.99451	49.998	49.999	50	22.28	0.304	0.013255	15502	-0.357	75.249	0.976
13.6853	3.00656	50.002	50.001	49.998	22.3	0.277	0.014726	15502	-0.417	73.457	0.977
13.6597	3.00301	50	49.995	49.997	22.14	0.288	0.02454	15502	-0.195	71.967	0.977
13.7081	3.00983	49.999	49.999	49.995	21.07	0.294	0.018175	15502	-0.093	71.489	0.976
13.6787	3.00179	49.999	50.001	50.002	20.38	0.282	0.011877	15502	0.241	70.598	0.976
13.6628	2.99771	50	49.997	50.001	20.29	0.288	0.013195	15502	0.473	71.405	0.98
13.6757	3.00526	49.996	50	49.996	21.23	0.309	0.028242	15502	0.514	71.737	0.979
13.6738	2.99767	50	50.006	49.996	20.36	0.303	0.018456	15502	0.534	70.278	0.978
13.6567	2.9977	49.999	49.998	50.001	20.37	0.303	0.007095	15502	0.757	70.626	0.978
13.6682	2.99371	50	50	49.997	21.07	0.307	0.013399	15502	1.273	66.962	0.979
13.6678	2.99535	50	50	49.996	20.8	0.291	0.014886	15502	0.736	69.322	0.979
13.6566	2.99751	50	49.994	50.001	20.28	0.303	0.018742	15502	0.291	70.409	0.979
13.6521	2.99697	49.999	50.002	49.999	22.27	0.277	0.012248	15502	0.038	73.034	0.98
13.688	3.008	49.999	49.999	49.997	21.84	0.307	0.013607	15502	-0.772	80.743	0.979
13.6662	3.00097	49.995	49.998	49.997	21	0.277	0.015116	15502	-0.802	77.727	0.98
13.6847	3.00665	50	50	50.004	22.31	0.28	0.028549	15502	-0.873	78.508	0.98
13.6609	2.99896	50.006	49.998	49.997	21.71	0.306	0.018656	15502	-1.025	79.954	0.98
13.6683	2.99748	49.996	49.995	50.003	22.34	0.295	0.013817	15502	-1.49	84.013	0.979
13.6773	3.00401	50.001	50.002	50.002	22.31	0.286	0.01535	15502	-1.592	84.468	0.98
13.6607	2.99881	50.003	49.999	49.995	21.06	0.298	0.015047	15502	-1.308	81.3	0.98
13.6503	2.99638	50.008	50	50.014	21.87	0.297	0.009833	15502	-1.906	81.586	0.98
13.6672	3.00513	50.004	50.001	50.003	22.34	0.299	0.018571	15502	-2.402	82.16	0.981
13.6683	2.99693	50	49.997	49.996	22.35	0.292	0.007139	15502	-2.787	82.201	0.98
13.6683	2.9995	50.001	50.004	49.997	22.06	0.283	0.03438	15502	-2.787	79.136	0.98
13.6519	2.99939	49.997	50.005	50.004	21.81	0.295	0.038194	15502	-2.706	77.906	0.98
13.6694	2.99466	50	50.002	50.006	22.34	0.295	0.02496	15502	-3.132	73.256	0.981
13.6845	3.00311	50.004	49.999	50	22.34	0.312	0.047139	15502	-3.658	71.682	0.981
13.6483	2.99118	50.002	50.002	49.999	22.27	0.304	0.089027	15502	-4.794	75.34	0.981
13.664	3.00203	49.999	50	50	21.72	0.299	0.022815	15502	-3.841	70.136	0.982
13.6297	2.99079	49.999	49.995	50.004	22.38	0.309	0.025347	15502	-2.817	64.792	0.983
13.6655	3.00299	50.001	49.999	50.001	20.69	0.301	0.009743	15502	-2.149	60.453	0.981
13.6798	3.00425	49.998	49.998	49.999	21.04	0.298	0.003745	15502	-0.772	61.827	0.981
13.661	2.99408	50.001	49.995	50.001	21.81	0.303	0.034753	15502	0.048	61.534	0.98
13.6453	2.99886	50	49.999	50	22.36	0.295	0.013359	15502	1.202	55.105	0.98
13.7017	3.00622	50.001	49.997	50.003	22.39	0.273	0.082638	15502	1.465	51.608	0.979
13.6716	2.99841	49.999	50.001	49.995	21.72	0.276	0.010992	15502	1.151	58.127	0.981

13.6852	3.00616	49.995	50.004	50	20.84	0.278	0.02076	15502	1.04	61.267	0.98
13.6337	2.9949	50.005	49.999	49.994	21.62	0.309	0.039207	15502	0.959	61.745	0.981
13.6429	2.99413	50.001	49.997	50	22.33	0.295	0.010048	15502	0.069	64.523	0.983
13.6965	2.99814	50.002	50.003	50.004	21.94	0.282	0.05484	15502	-0.599	66.69	0.984
13.6478	2.9944	49.995	49.998	49.996	21.77	0.282	0.021081	15502	-1.794	78.416	0.983
13.6597	3.00045	49.999	50	50.003	22.3	0.306	0.02342	15502	-3.213	69.336	0.984
13.6766	3.00171	49.999	50.001	49.999	22.31	0.304	0.017345	15502	-4.743	68.358	0.985
13.6681	2.99406	50.006	50.002	50	22.46	0.308	0.05569	15502	-5.666	72.459	0.987
13.6637	2.99751	50	49.996	49.999	22.34	0.314	0.021408	15502	-6.052	73.529	0.989
13.6889	3.01211	50.001	50.001	49.999	22.46	0.323	0.198634	15502	-6.437	72.466	0.989
13.6752	3.00423	50.001	50.006	50.008	22.34	0.287	0.026421	15502	-6.782	75	0.988
13.6527	2.9958	49.995	49.994	49.998	22.4	0.302	0.084828	15502	-7.005	71.19	0.99
13.6891	3.00747	50.002	50.004	50.003	22.5	0.288	0.019182	15502	-7.249	77.705	0.992
13.6672	2.99282	50	50.004	50.003	22.45	0.305	0.02131	15502	-7.553	72.328	0.993
13.6648	3.00246	50.003	49.998	50	22.34	0.289	0.045611	15502	-7.817	76.62	0.993
13.6819	3.00384	50	50.001	50.001	22.55	0.289	0.050672	15502	-7.706	79.747	0.994
13.6436	2.98774	50.004	49.999	50	22.61	0.324	0.007639	15502	-6.741	69.974	0.995
13.6859	3.00718	49.999	50.003	49.996	23.03	0.32	0.041692	15502	-5.423	70.339	0.996
13.6502	3.00396	50.004	49.996	50.002	21.19	0.306	0.014141	15502	-4.084	64.376	0.996
13.6675	2.99642	50.002	50.006	50.002	21.02	0.286	0.01571	15502	-3.213	61.513	0.993
13.6403	2.98924	50.002	49.998	50.003	22.38	0.298	0.029671	15502	-2.017	55.688	0.995
13.6763	3.00573	50.001	49.999	50	23.76	0.284	0.056036	15502	-0.802	53.312	0.994
13.691	3.00504	50.004	50	50.003	25.07	0.306	0.021541	15502	0.089	51.966	0.994
13.6752	3.00267	50	49.998	49.996	24.65	0.298	0.014077	15502	-0.438	56.329	0.994
13.6545	2.99392	50.005	49.998	50	21.32	0.298	0.026585	15502	-1.126	61.088	0.994
13.6687	3.00176	50.004	49.998	50.006	21.62	0.309	0.006012	15502	-2.382	66.744	0.994
13.6617	3.00929	49.996	49.999	49.997	22.37	0.302	0.032811	15502	-3.01	74.442	0.994
13.6831	2.99806	49.998	50.001	50.001	22.5	0.317	0.032163	15502	-3.294	76.304	0.995
13.646	2.99827	50.001	50.001	50	21.62	0.291	0.021018	15502	-1.956	71.163	0.993
13.6614	3.00384	49.992	50	49.999	22.5	0.31	0.00808	15502	-2.078	72.817	0.992
13.6584	3.00216	49.999	50.002	49.999	22.34	0.303	0.008976	15502	-2.037	74.889	0.993
13.6695	3.00479	49.995	50	49.997	22.01	0.298	0.016952	15502	-1.835	77.074	0.991
13.6804	2.998	49.997	50.003	49.999	21.33	0.305	0.054427	15502	0.534	71.817	0.99
13.6227	2.99109	50.002	50.005	49.999	22.35	0.305	0.020922	15502	0.524	75.97	0.991
13.6801	3.00307	50.003	49.998	49.999	20.95	0.299	0.023243	15502	1.02	79.66	0.987
13.7122	3.00556	50.003	50.002	50	20.33	0.278	0.025822	15502	1.505	81.918	0.987

13.6671	2.99783	50.002	50.006	50.004	20.39	0.31	0.032512	15502	1.9	83.282	0.985
13.6994	3.00129	50	49.999	49.995	20.57	0.273	0.036119	15502	2.213	82.564	0.985
13.6705	3.00479	50	50	50	20.97	0.284	0.023603	15502	2.314	82.542	0.985
13.6515	3.00402	49.997	49.999	50	21.12	0.279	0.026222	15502	2.971	82.192	0.984
13.6798	3.00021	50.001	49.999	49.998	22.34	0.287	0.029131	15502	5.346	72.97	0.983
13.6576	2.99959	50.001	50.004	50	26.15	0.288	0.021575	15502	7.163	64.3	0.985
13.6516	2.99911	50.001	50.004	49.998	28.35	0.279	0.040747	15502	9.423	53.374	0.983
13.6754	2.99905	50.001	49.999	49.999	29.91	0.292	0.030179	15502	9.836	53.283	0.982
13.6492	2.99745	50.003	50	49.999	30.6	0.27	0.056995	15502	10.794	52.488	0.982
13.6406	2.99269	49.994	50.001	50.003	31.27	0.268	0.063319	15502	11.006	50.023	0.982
13.637	2.9887	50.005	49.998	49.997	30.14	0.27	0.02434	15502	10.088	52.929	0.981
13.668	2.99766	50.004	49.998	50.002	28.84	0.269	0.030646	15502	9.483	52.032	0.98
13.6955	3.00837	49.999	50	49.998	27.63	0.292	0.034046	15502	8.919	56.135	0.979
13.6752	3.0046	49.997	49.999	49.998	26.75	0.289	0.025215	15502	8.979	58.411	0.979
13.6433	2.99586	49.997	50.001	50.001	27.16	0.28	0.031748	15502	8.959	61.32	0.98
13.7056	3.01739	49.999	50.001	49.996	27.16	0.293	0.03527	15502	8.778	65.272	0.979
13.6495	2.99422	50.004	49.998	50.001	27.14	0.271	0.044407	15502	9.1	58.862	0.979
13.6427	2.99343	49.998	50	50	26.77	0.279	0.019347	15502	9.201	61.53	0.979
13.6686	3.00083	50.003	50.002	50.001	26.47	0.286	0.021493	15502	8.727	68.275	0.977
13.6698	2.99193	49.999	49.999	50.002	25.09	0.291	0.014046	15502	7.264	80.536	0.976
13.6458	2.99393	50	49.999	49.998	24.26	0.286	0.015604	15502	6.346	88.03	0.977
13.6652	2.99985	49.996	49.998	49.994	23.7	0.291	0.010197	15502	6.012	90.922	0.973
13.7054	3.00958	50	49.999	49.997	23.69	0.271	0.037104	15502	6.437	92.92	0.973
13.6839	3.00502	49.995	49.999	50	23.92	0.279	0.00839	15502	6.77	94.242	0.972
13.6541	2.99767	50	50.005	50.003	24.42	0.301	0.026937	15502	7.355	94.611	0.974
13.6538	2.99285	49.999	49.994	50	25.09	0.288	0.017603	15502	7.94	94.034	0.972
13.6773	3.0024	49.998	49.996	50	25.12	0.284	0.019556	15502	8.303	94.669	0.973
13.6866	3.00952	50	50.001	50.003	25.77	0.289	0.021726	15502	8.737	93.252	0.972
13.6772	2.99903	49.996	49.998	50.001	26.01	0.271	0.016091	15502	9.403	92.968	0.971
13.6748	2.99951	49.998	50	50.001	27.76	0.287	0.010515	15502	10.532	90.111	0.972
13.6612	2.99487	50.002	50.003	49.999	29.16	0.298	0.007788	15502	11.137	89.268	0.972
13.6446	2.99223	50.003	50.002	50.003	29.67	0.282	0.009806	15502	11.963	88.777	0.973
13.6575	2.99533	49.999	50.003	50.005	31.02	0.266	0.010893	15502	12.98	86.783	0.972
13.6775	3.00636	50.002	49.996	50	31.9	0.288	0.004188	15502	12.507	85.899	0.973
13.6492	3.00077	50	49.998	49.995	30.58	0.285	0.008963	15502	10.794	90.487	0.975
13.6742	3.00104	50.003	49.998	50.006	29.59	0.264	0.016928	15502	10.129	90.332	0.976

13.6562	2.99396	50.001	49.998	50	29.22	0.286	0.007375	15502	9.746	91.132	0.973
13.6859	3.00159	50	49.999	50.003	28.24	0.281	0.003213	15502	8.697	93.826	0.976
13.6324	2.9867	50.001	50.003	49.996	27.77	0.284	0.006068	15502	7.991	95.215	0.975
13.6369	3.00101	50.004	49.998	49.999	27.19	0.277	0.012988	15502	7.305	95.77	0.976
13.6678	3.00499	50.001	50.003	49.996	27.01	0.292	0.027799	15502	6.689	96.158	0.974
13.6661	2.99696	50.001	50.001	49.998	26.51	0.292	0.018167	15502	5.972	95.475	0.977
13.6759	3.00394	50.001	50.001	50.002	25.78	0.286	0.013455	15502	5.629	94.818	0.973
13.6685	3.00381	49.996	50.003	50.001	24.77	0.289	0.008793	15502	4.538	94.991	0.975
13.7103	3.00898	50.001	49.999	50.001	23.55	0.298	0.006512	15502	3.871	93.686	0.975
13.6779	3.00237	49.999	49.998	50	22.65	0.293	0.007235	15502	3.73	92.937	0.972
13.7021	2.99854	50.005	50	49.998	22.51	0.283	0.013663	15502	3.436	90.662	0.975
13.6619	2.99886	49.999	50.005	49.999	22.37	0.288	0.010119	15502	3.123	88.592	0.975
13.6445	3.00087	49.997	50.002	49.998	22.27	0.288	0.006613	15502	2.699	89.244	0.976
13.6496	2.99398	50.002	49.995	49.997	21.93	0.27	0.036094	15502	2.456	89.73	0.976
13.6641	2.99939	50	49.999	50.002	21.97	0.275	0.008162	15502	2.173	89.278	0.977
13.7014	3.00481	50.004	50.001	49.995	21.9	0.307	0.006045	15502	1.647	90.54	0.976
13.6676	2.99937	50.003	49.996	50	22.34	0.309	0.019407	15502	1.748	89.539	0.978
13.6825	3.00138	50.003	50.001	50.006	23.03	0.289	0.012683	15502	2.203	89.614	0.978
13.7006	3.00961	50	50	50.001	23.19	0.308	0.009393	15502	2.031	87.605	0.979
13.6839	3.00114	49.999	50.002	50.004	25.09	0.301	0.01774	15502	2.132	88.972	0.977
13.6719	2.99751	50	49.998	50.001	24.37	0.296	0.056956	15502	2.456	90.232	0.977
13.6719	3.00074	50.005	49.997	50.006	24.4	0.306	0.042183	15502	3.022	88.78	0.977
13.6487	2.99843	49.999	49.999	50.005	25.04	0.269	0.024324	15502	3.548	88.574	0.977
13.6313	3.00011	49.997	50	50.002	24.87	0.29	0.010597	15502	3.234	89.429	0.975
13.6607	2.9984	50.001	50.002	49.999	24.23	0.298	0.020013	15502	2.86	91.499	0.976
13.6228	2.98385	49.997	49.997	49.997	23.71	0.282	0.022234	15502	3.143	91.408	0.973
13.6757	3.00496	50.001	49.999	50.006	23.4	0.297	0.016467	15502	3.517	91.967	0.975
13.6473	2.99848	49.998	49.999	49.996	23.3	0.306	0.018294	15502	3.932	91.581	0.973
13.6796	2.99952	49.999	50.001	49.998	23.65	0.283	0.002433	15502	4.215	91.657	0.973
13.6518	2.99978	49.999	50.005	50	24.09	0.291	0.022578	15502	4.275	94.259	0.973
13.6718	2.99392	49.999	49.999	50	24.44	0.298	0.016722	15502	4.982	95.631	0.972
13.6625	2.99845	49.998	50.012	50.003	25.09	0.283	0.010928	15502	5.689	95.99	0.971
13.6596	2.99967	50.001	50.002	49.999	26.32	0.267	0.01214	15502	7.072	95.748	0.97
13.6928	3.00372	50.005	49.998	49.998	27.6	0.271	0.015285	15502	7.103	95.432	0.969
13.6706	2.99785	50	50	50.006	28.35	0.272	0.009989	15502	7.648	95.786	0.97
13.6637	3.00102	49.999	50	50.001	28.53	0.294	0.012577	15502	8.122	96.282	0.969

13.6699	3.00196	49.999	49.998	49.995	28.57	0.284	0.005479	15502	8.525	96.556	0.968
13.6788	3.00307	49.998	49.999	49.998	28.95	0.288	0.011728	15502	9.332	96.946	0.966
13.653	2.99158	50	49.999	50.002	29.23	0.28	0.007664	15502	10.451	96.981	0.967
13.6559	3.00362	50.002	50	50	29.93	0.274	0.008514	15502	11.479	97.109	0.965
13.6682	2.99706	50	50	50.001	29.92	0.261	0.006306	15502	12.486	97.107	0.963
13.6499	2.9959	50.002	50.005	50	30.58	0.275	0.011909	15502	14.359	97.22	0.962
13.6592	3.00232	50.006	49.991	49.994	31.08	0.271	0.073668	15502	15.365	92.778	0.958
13.6814	3.00251	49.999	49.999	49.998	31.95	0.276	0.028319	15502	15.073	92.081	0.959
13.6897	3	49.999	50.005	50.001	32.67	0.266	0.010886	15502	15.214	86.196	0.958
13.6517	3.00279	49.995	49.996	50.002	33	0.28	0.004185	15502	14.58	85.997	0.956
13.7007	3.00818	50	49.999	50	32.66	0.276	0.013435	15502	14.359	86.156	0.955
13.6606	2.99966	49.996	49.999	50.002	32.86	0.281	0.016916	15502	14.651	84.729	0.955
13.6695	3.00333	50.007	49.995	49.998	31.97	0.271	0.054311	15502	13.896	87.818	0.954
13.6697	2.99301	49.995	50	50.002	31.28	0.279	0.020878	15502	13.846	86.851	0.954
13.6343	2.99835	50.004	50	49.997	31.18	0.278	0.008026	15502	14.258	83.579	0.955
13.6479	2.99727	50.003	50	50.003	31.28	0.277	0.025767	15502	14.279	82.075	0.957
13.6772	3.00105	50	50	49.998	30.6	0.27	0.032443	15502	11.257	78.24	0.957
13.6634	3.00219	50.006	50	50.001	26.66	0.278	0.021201	15502	6.093	83.18	0.961
13.6547	2.99218	50	50.004	49.999	23.99	0.286	0.015702	15502	4.932	84.01	0.965
13.6611	2.99959	49.997	50.003	50.003	23.12	0.287	0.017444	15502	5.124	80.313	0.967
13.6402	2.99546	50.003	49.997	50.006	23.01	0.269	0.032945	15502	4.78	78.105	0.966
13.6501	2.9979	50.002	49.997	50.003	22.56	0.282	0.004966	15502	4.619	78.263	0.971
13.6449	2.99681	49.996	49.998	49.994	22.07	0.292	0.015945	15502	3.548	79.6	0.972
13.6417	2.99651	50.005	50	50.002	21.32	0.297	0.01181	15502	2.901	81.487	0.973
13.6855	3.00426	50.004	49.998	50.002	20.97	0.274	0.01312	15502	2.557	84.518	0.972
13.6752	2.99578	50.002	50.003	50.001	20.37	0.278	0.008574	15502	1.89	85.506	0.975
13.6648	2.99746	49.997	49.998	50	20.28	0.294	0.010795	15502	1.161	87.447	0.973
13.6774	3.00974	49.997	49.996	50.002	20.28	0.286	0.007054	15502	1.576	87.767	0.978
13.6936	3.01002	50.006	49.995	50.002	21.05	0.275	0.022649	15502	2.527	83.5	0.977
13.6426	2.9991	50.002	49.995	50.004	23.03	0.271	0.009867	15502	3.366	77.384	0.981
13.6858	3.00064	49.999	49.996	49.997	25.83	0.284	0.00569	15502	4.154	74.685	0.981
13.6889	2.9996	50.001	49.997	49.998	26.97	0.29	0.020703	15502	4.801	73.919	0.981
13.6909	3.00065	50.002	49.999	50.008	27.15	0.274	0.026066	15502	4.538	73.79	0.981
13.6872	3.0044	50.001	50.002	49.999	27.16	0.291	0.028958	15502	5.063	76.951	0.982
13.6546	2.9974	50	50	49.996	26.53	0.298	0.007421	15502	5.093	77.251	0.983
13.6406	2.99176	49.999	50.004	49.996	26.47	0.31	0.023827	15502	5.023	81.116	0.982

13.6462	2.99426	49.997	50	50.002	26.45	0.29	0.017647	15502	4.962	83.883	0.982
13.6807	3.01143	50	49.999	49.997	25.97	0.277	0.019604	15502	4.972	86.226	0.98
13.697	3.00158	49.995	50	50.003	25.53	0.308	0.004433	15502	5.245	85.758	0.981
13.6896	3.00413	50.006	50	49.999	25.89	0.299	0.008372	15502	5.134	88.138	0.983
13.6594	2.99753	50.005	50	50	26.33	0.291	0.01792	15502	4.871	89.518	0.981
13.6958	3.00149	49.995	50.002	49.999	26.18	0.285	0.011711	15502	3.932	91.623	0.983
13.6557	3.00254	49.999	50.002	49.998	25.09	0.312	0.01301	15502	2.476	93.817	0.981
13.6686	2.99622	50.001	49.995	49.999	24.58	0.306	0.005001	15502	2.749	94.919	0.983
13.6727	3.00169	49.996	50	50	24.66	0.312	0.010704	15502	3.79	95.253	0.984
13.6734	2.99583	49.998	49.997	49.999	24.4	0.31	0.006995	15502	4.154	91.043	0.984
13.6753	3.00514	49.998	49.999	49.997	24.14	0.288	0.022459	15502	3.719	91.151	0.987
13.6488	2.9968	50.003	49.999	50	23.03	0.3	0.005756	15502	1.819	93.475	0.986
13.7071	3.01195	50	50	49.998	22.17	0.315	0.01087	15502	0.595	94.482	0.987
13.673	2.99279	49.996	49.995	49.999	21.58	0.315	0.020529	15502	0.979	95.074	0.986
13.6767	3.00676	50.002	49.998	50	21.53	0.284	0.007892	15502	0.352	94.876	0.988
13.6303	2.98654	50.007	50.001	50.003	20.99	0.299	0.014904	15502	-0.174	95.126	0.988
13.6912	3.00329	49.999	50.003	50.011	22.56	0.293	0.018766	15502	3.467	87.148	0.991
13.7088	3.01119	49.995	50.002	50.001	28.3	0.302	0.035441	15502	5.558	76.763	0.992
13.6661	2.99595	49.998	50.006	50	30.57	0.312	0.013624	15502	6.012	71.546	0.992
13.6485	2.99614	49.997	50.004	50.003	31.75	0.309	0.017153	15502	7.113	72.277	0.993
13.6733	2.99605	50	50.001	50.001	32.66	0.295	0.01121	15502	6.881	72.795	0.991
13.6507	3.00008	49.999	49.999	50.002	32.78	0.287	0.02117	15502	7.789	74.024	0.991
13.6414	2.99282	49.999	50.002	49.999	34.03	0.293	0.015679	15502	7.143	73.079	0.994
13.6792	3.01072	50.001	50	49.997	31.28	0.294	0.010246	15502	5.487	83.64	0.992
13.6584	2.99943	50.002	50	49.995	26.47	0.312	0.007589	15502	3.447	87.989	0.993
13.676	3.00057	49.999	49.997	49.998	24.39	0.276	0.008431	15502	2.881	91.18	0.992
13.6762	2.99847	49.999	49.993	50	23.1	0.286	0.010615	15502	3.022	86.427	0.992
13.6537	2.99209	49.996	49.994	49.998	21.73	0.302	0.006937	15502	2.385	87.265	0.993
13.684	3.00268	50.008	50.003	49.996	20.97	0.281	0.007706	15502	1.485	89.14	0.991
13.6694	2.9995	49.995	50.001	49.997	20.5	0.284	0.016495	15502	1.303	90.484	0.992
13.6504	2.99136	50.003	49.997	50	20.23	0.292	0.010779	15502	1.687	90.38	0.991
13.7146	3.0043	50.001	50.002	49.997	19.9	0.291	0.013572	15502	2.132	91.179	0.99
13.6479	2.99842	50.001	50.006	50.001	20.28	0.29	0.008869	15502	2.405	92.556	0.989
13.6981	3.00946	49.995	49.999	50.001	20.81	0.304	0.006569	15502	2.881	90.298	0.99
13.6425	2.9946	49.999	49.995	50.003	21.07	0.299	0.007297	15502	3.548	83.949	0.99
13.6567	2.99175	49.999	50.004	50.001	21.98	0.303	0.01562	15502	3.457	83.653	0.989

13.6659	2.99213	50.004	50.003	49.997	21.68	0.282	0.010207	15502	3.871	81.736	0.988
13.6772	2.99782	50.002	50	50.001	22.34	0.298	0.00667	15502	4.386	80.499	0.986
13.6518	2.99506	50	49.999	50.001	22.91	0.3	0.00741	15502	4.689	81.647	0.986
13.6603	3.00047	49.999	50.004	49.997	23.16	0.294	0.013995	15502	4.912	82.118	0.985
13.6498	3.00452	50.006	49.997	49.999	23.87	0.276	0.006097	15502	5.184	84.571	0.984
13.698	3.01049	50.006	50.007	50.004	24.42	0.304	0.006774	15502	4.619	92.591	0.985
13.6848	3.00902	50.004	49.995	50	23.72	0.291	0.007525	15502	4.902	94.017	0.983
13.6411	2.99491	50	50	50.006	24.43	0.308	0.009475	15502	5.306	94.285	0.984
13.6699	3.00126	50.001	50	49.997	25.09	0.273	0.017894	15502	5.386	95.107	0.983
13.6642	2.99293	50.003	49.997	49.997	25.38	0.301	0.004046	15502	5.699	95.636	0.981
13.7088	3.00985	50	50.004	50	25.86	0.302	0.012991	15502	6.012	95.917	0.981
13.6683	3.00721	49.998	49.998	50.002	25.9	0.291	0.009621	15502	5.881	96.163	0.982
13.6721	3.00178	50.005	49.997	50.003	25.87	0.285	0.010689	15502	5.851	96.312	0.981
13.6832	3.00009	50	49.998	49.996	26.06	0.289	0.022879	15502	5.912	96.509	0.983
13.6795	2.99751	50.005	50.001	49.999	26.47	0.297	0.014951	15502	5.992	96.627	0.982
13.677	3.00287	49.998	49.996	49.996	26.54	0.294	0.006514	15502	5.952	96.772	0.983
13.6723	2.99506	49.999	49.999	50.002	26.47	0.279	0.023701	15502	5.386	96.805	0.98
13.6612	2.99616	49.999	50.002	50.003	25.73	0.311	0.010326	15502	5.083	96.639	0.983
13.6808	2.99599	49.999	49.999	50.001	25.09	0.297	0.006748	15502	4.861	96.498	0.984
13.6568	3.00345	49.997	50.001	49.999	24.4	0.298	0.021665	15502	4.578	96.377	0.984
13.6774	3.0017	50.002	50.003	49.997	23.24	0.278	0.014158	15502	4.144	95.631	0.984
13.6863	3.00283	50	50.001	49.997	22.35	0.299	0.005442	15502	3.689	94.514	0.982
13.6728	2.99496	50.004	50.001	50.007	22.32	0.304	0.010279	15502	3.477	93.777	0.984
13.6677	2.99058	50.003	50.003	50	21.65	0.306	0.011419	15502	3.214	93.784	0.985
13.6702	3.00326	50	50.009	50.002	21.69	0.29	0.012686	15502	3.234	92.581	0.984
13.6696	2.9974	50	49.999	50	21.27	0.274	0.00829	15502	2.597	93.447	0.987
13.6731	3.0083	50.001	50.003	50.001	21.37	0.288	0.010438	15502	2.699	91.701	0.986
13.7051	3.00862	49.996	49.999	50.003	21.75	0.317	0.006019	15502	2.779	90.318	0.986
13.6786	3.00161	50	50.001	49.997	21.92	0.303	0.012882	15502	2.86	88.823	0.99
13.711	3.00924	50	50.005	49.995	22.31	0.278	0.008418	15502	3.275	87.013	0.991
13.6454	2.99545	50.002	50	50	23.52	0.288	0.009352	15502	4.518	83.317	0.991
13.6439	2.99866	50.006	49.997	50.002	24.42	0.296	0.006112	15502	4.538	78.341	0.992
13.6744	3.00113	50.001	49.999	50.003	24.46	0.289	0.013082	15502	4.821	78.305	0.99
13.6758	2.99836	49.998	50.003	49.998	24.4	0.301	0.008549	15502	4.396	77.682	0.99
13.6753	3.00329	50.001	50.002	49.994	23.67	0.304	0.016145	15502	3.911	78.922	0.991
13.6571	2.99204	49.996	49.997	49.999	23.03	0.307	0.017937	15502	3.628	77.514	0.993

13.6791	2.99951	50.001	50.003	49.995	22.23	0.308	0.022583	15502	2.779	77.014	0.993
13.659	3.00099	50.003	50.001	49.996	21.24	0.3	0.003004	15502	2.436	76.966	0.993
13.6744	3.00005	49.997	50.003	49.998	20.96	0.283	0.016395	15502	2.072	78.13	0.992
13.6638	2.99884	49.996	49.999	50	20.89	0.301	0.012143	15502	1.91	79.185	0.991
13.6293	2.99213	49.999	50.005	50.002	20.36	0.3	0.007935	15502	1.728	79.165	0.993
13.6936	2.9993	50.002	49.998	49.997	20.31	0.302	0.005186	15502	1.617	80.749	0.991
13.7096	3.00595	49.999	50.002	50.004	20.28	0.301	0.016649	15502	2.112	79.839	0.992
13.6751	3.00587	50.001	50	50.002	20.8	0.287	0.012331	15502	2.324	78.543	0.99
13.6606	3.00337	49.999	50.004	50.005	20.97	0.292	0.008058	15502	2.517	78.424	0.99
13.6773	3.00331	49.997	49.996	49.998	20.95	0.287	0.003511	15502	2.254	77.453	0.99
13.6565	2.99492	50.003	49.998	50.002	20.74	0.299	0.0039	15502	2.031	79.045	0.99
13.6508	2.98629	50.005	50.006	50.006	21.2	0.296	0.014192	15502	1.283	86.38	0.987
13.6574	2.99951	49.997	49.996	49.993	21.65	0.31	0.015766	15502	0.898	88.171	0.987
13.6799	3.00324	49.996	50	50.004	22.25	0.306	0.010303	15502	0.757	89.241	0.986
13.668	2.99996	50.001	49.997	49.999	20.97	0.3	0.012972	15502	0.655	89.402	0.983
13.671	2.99908	50	49.994	50.002	21.69	0.289	0.014411	15502	0.575	90.678	0.984
13.6657	2.99682	49.998	49.999	49.998	20.97	0.297	0.018145	15502	0.473	92.186	0.982
13.6933	3.00055	50	50	50.001	21.54	0.302	0.006975	15502	0.413	94.043	0.981
13.6876	3.00728	50	49.997	49.993	21.84	0.279	0.013173	15502	0.473	95.045	0.979
13.6587	2.99359	50	50.004	50.002	22.28	0.289	0.005064	15502	0.696	94.685	0.976
13.6619	3.00674	50.004	50.004	50.008	21.9	0.298	0.010839	15502	0.878	94.466	0.972
13.6673	3.0096	50	49.997	49.991	20.97	0.298	0.007083	15502	1.08	94.64	0.97
13.6663	3.00397	50	49.999	49.998	21.65	0.287	0.013377	15502	1.222	93.9	0.97
13.6763	3.01103	50.006	50.004	50.005	21.75	0.305	0.005142	15502	1.505	92.41	0.964
13.6764	3.00542	49.998	50	49.994	20.96	0.287	0.01651	15502	1.465	93.771	0.964
13.652	3.00223	49.997	49.997	49.998	20.24	0.295	0.012228	15502	1.586	94.277	0.965
13.6613	3.00245	49.997	50	49.999	20.62	0.283	0.007991	15502	1.546	94.597	0.963
13.6738	3.00016	49.999	49.998	50	20.97	0.283	0.017104	15502	1.687	94.968	0.964
13.6679	2.99671	50.002	50	50.001	20.34	0.297	0.011177	15502	1.869	95.791	0.962
13.6688	3.00269	49.997	50.002	50.004	21.41	0.284	0.007304	15502	3.447	96.554	0.963
13.6768	3.00575	50.001	50.002	50.001	22.36	0.297	0.004773	15502	4.093	93.822	0.964
13.6639	3.00101	50.003	49.999	50.005	22.34	0.289	0.017368	15502	3.406	92.851	0.965
13.7041	3.01144	50.001	50.004	50.001	21.49	0.274	0.01135	15502	2.122	94.012	0.966
13.6682	3.003	49.997	50.002	49.999	20.86	0.28	0.007417	15502	1.869	94.314	0.968
13.6689	3.00118	49.999	50	50	20.69	0.288	0.005493	15502	1.799	94.062	0.967
13.6601	2.99888	49.997	49.999	50.001	20.28	0.29	0.006103	15502	1.161	94.856	0.97

13.6588	2.99644	50.002	49.999	49.998	20.08	0.305	0.007684	15502	0.726	93.308	0.972
13.6458	2.9968	49.996	49.999	49.998	21.62	0.292	0.014512	15502	0.483	91.808	0.975
13.6424	2.99406	50.005	50.004	49.997	21.93	0.279	0.009484	15502	0.129	90.009	0.975
13.6437	2.99169	50	50.005	49.999	21.76	0.295	0.010536	15502	-0.033	89.716	0.977
13.6793	2.99872	49.996	50.001	49.998	21.41	0.295	0.011704	15502	-0.023	88.703	0.978
13.6598	2.99679	50	49.999	50.008	21.45	0.297	0.022105	15502	-0.033	86.757	0.979
13.6735	3.00443	49.998	49.999	49.999	20.92	0.291	0.005665	15502	0.069	87.464	0.981
13.6649	2.99488	50.002	49.997	50	20.44	0.314	0.010699	15502	0.514	85.818	0.982
13.667	3.00057	49.997	50	49.998	20.5	0.299	0.007924	15502	0.15	83.264	0.981
13.6987	3.01393	50.002	50.001	50.001	20.28	0.297	0.02544	15502	0.008	84.908	0.981
13.6622	3.00527	49.999	49.998	49.999	22.3	0.304	0.018842	15502	-0.276	84.728	0.983
13.6627	3.0046	50.01	49.998	49.998	20.28	0.298	0.012313	15502	-0.438	82.115	0.984
13.6579	2.99792	49.999	50	49.996	20.39	0.304	0.01207	15502	-0.761	81.587	0.984
13.676	3.00114	50.002	50.009	50.007	21.67	0.294	0.015197	15502	-0.782	82.683	0.986
13.6728	2.99932	50.004	50.006	50.009	21.69	0.283	0.016883	15502	-0.964	83.305	0.985
13.6687	3.00649	50.004	49.994	49.999	22.36	0.3	0.011033	15502	-1.106	82.56	0.987
13.6802	3.00838	50	50.001	49.997	21.78	0.3	0.012257	15502	-1.318	81.928	0.986
13.6898	3.00991	49.999	49.997	49.994	21.26	0.293	0.00801	15502	-1.349	82.189	0.985
13.6824	2.99582	49.999	49.999	50.003	21.51	0.28	0.025716	15502	-1.541	80.702	0.987
13.6663	2.99986	50.002	50.008	50.004	22.3	0.294	0.028569	15502	-1.653	81.219	0.986
13.6697	2.99184	50.001	50.005	50.007	21.02	0.305	0.01867	15502	-1.683	80.575	0.987
13.7206	3.01156	49.997	50.001	49.998	20.32	0.295	0.012201	15502	-1.734	81.739	0.987
13.6738	3.00493	49.994	50.001	50.002	20.97	0.28	0.007973	15502	-1.815	80.91	0.988
13.6651	2.99953	49.997	49.999	49.997	21.54	0.285	0.003065	15502	-1.896	82.415	0.986
13.6673	2.99592	49.999	50.002	49.996	21.23	0.304	0.005788	15502	-2.017	82.942	0.985
13.6662	3.00154	50	50.001	49.994	21.14	0.292	0.018584	15502	-1.885	83.192	0.988
13.6457	2.99092	50.001	50.003	49.996	22.35	0.293	0.007144	15502	-2.868	93.631	0.987
13.6992	3.00942	50.001	49.998	50.009	21.08	0.292	0.025995	15502	-2.99	94.989	0.987
13.6578	2.99835	50.004	49.998	49.996	20.43	0.32	0.009993	15502	-2.483	95.155	0.987
13.6994	3.00438	50.005	49.999	50	20.98	0.315	0.011101	15502	-2.078	94.54	0.988
13.6324	2.98726	50.005	49.998	49.995	21.85	0.309	0.012333	15502	-1.663	83.708	0.989
13.6533	3.00033	50.001	50.002	50.005	22.35	0.302	0.004741	15502	-0.68	80.446	0.986
13.6572	2.99524	50	50.001	49.998	24.4	0.29	0.015221	15502	-1.166	82.094	0.986
13.6716	2.99886	50.001	50.002	49.998	21.63	0.3	0.01691	15502	-1.258	81.56	0.986
13.688	3.00225	50.002	50.002	50.007	21.72	0.309	0.0065	15502	-1.561	83.555	0.986
13.6784	3.00639	49.997	49.999	50.001	22.33	0.3	0.007222	15502	-1.835	84.212	0.988

13.6685	2.99601	50.001	50.001	49.996	20.97	0.283	0.023186	15502	-1.622	84.851	0.989
13.6644	2.99293	50.003	50.002	49.995	20.36	0.301	0.008913	15502	-1.47	85.235	0.986
13.677	3.00429	49.999	50	50	22.34	0.32	0.016833	15502	-1.389	84.344	0.99
13.7178	3.00605	49.999	49.995	49.995	22.03	0.306	0.011	15502	-1.754	85.422	0.99
13.7255	3.01183	50.004	50.001	49.997	20.97	0.315	0.01222	15502	-1.703	84.877	0.99
13.6748	3.00132	50.006	50.002	50.009	22.34	0.284	0.023079	15502	-1.754	85.207	0.988
13.6514	2.99306	50	49.997	49.996	21.77	0.318	0.008872	15502	-1.683	80.691	0.987
13.6829	3.00558	50.006	50.003	50.004	22.28	0.305	0.016756	15502	-1.875	82.908	0.988
13.6971	3.01333	50	49.997	50	21.13	0.287	0.018614	15502	-1.815	82.966	0.988
13.6436	2.99718	49.998	49.997	49.995	22.3	0.317	0.012164	15502	-2.767	82.383	0.99
13.6637	3.00244	50.003	50.002	50	22.4	0.284	0.022974	15502	-3.263	85.128	0.99
13.6598	2.99917	49.998	50.001	50.005	21.89	0.287	0.003463	15502	-3.537	87.246	0.99
13.6786	2.9957	49.999	50	49.997	22.34	0.307	0.006541	15502	-3.385	88.377	0.99
13.6794	3.00474	50.001	49.999	50	21.68	0.306	0.021	15502	-2.868	83.155	0.991
13.6779	3.00626	50	50.002	49.998	22.41	0.301	0.015553	15502	-2.909	83.053	0.99
13.6862	3.00845	50.006	50.001	50.006	21.85	0.301	0.017279	15502	-3.091	83.902	0.992
13.6665	3.00065	49.998	50.003	50.001	22.4	0.312	0.011291	15502	-2.787	83.977	0.992
13.6992	3.0013	49.999	50	49.932	19.42	0.32	0	15502	-1.865	81.708	0.991
13.6383	3.00025	49.993	50	50	21.72	0.297	0.005122	15502	-1.997	77.414	0.992
13.677	3.00269	50	50	50.001	22.41	0.283	0.031681	15502	-1.997	75.544	0.991
13.6606	3.00051	49.997	49.999	49.999	20.97	0.284	0.020704	15502	-1.946	79.28	0.988
13.6807	3.00006	49.995	50.007	50.002	22.34	0.288	0.007959	15502	-1.997	80.391	0.99
13.6766	3.0044	50	49.998	49.998	21.14	0.303	0.008842	15502	-2.169	76.906	0.992
13.691	3.00153	49.997	49.998	49.997	21.52	0.287	0.028387	15502	-2.584	78.86	0.99
13.6643	2.99432	50.002	50.003	49.999	22.38	0.301	0.021024	15502	-3.395	81.789	0.991
13.6878	3.00044	50.007	50.003	50.004	22.34	0.287	0.023357	15502	-3.8	82.748	0.99
13.6831	3.00387	50.004	50.002	50.001	22.27	0.312	0.008979	15502	-4.216	84.846	0.991
13.6698	2.99629	50.002	50.002	50.003	22.34	0.303	0.016957	15502	-4.216	84.633	0.992
13.6784	2.99919	50	50	50	22.25	0.285	0.011081	15502	-3.324	78.231	0.991
13.692	3.00602	50.001	50.004	50.001	22.5	0.32	0.020928	15502	-3.729	78.988	0.991
13.631	2.99764	50.001	50	50.001	22.36	0.282	0.013676	15502	-3.79	80.757	0.99
13.6707	2.99728	50.002	49.997	49.996	22.34	0.303	0.015194	15502	-4.084	78.197	0.99
13.6737	3.01113	50	50	50.001	22.37	0.305	0.028695	15502	-4.682	78.473	0.99
13.6515	3.00198	50.001	50.007	50.005	22.34	0.316	0.018752	15502	-5.321	77.916	0.99
13.6802	3.00866	50.001	50	50.003	22.34	0.299	0.007208	15502	-5.565	80.917	0.99
13.7056	3.00379	49.998	49.999	49.999	22.39	0.289	0.023144	15502	-5.494	81.243	0.99

13.716	3.01093	50.004	50	50	22.38	0.32	0.025711	15502	-5.078	81.694	0.99
13.645	2.99067	50.005	49.995	49.996	22.1	0.315	0.005814	15502	-4.571	81.706	0.987
13.6452	2.99592	50	50.001	49.996	21.83	0.323	0.012444	15502	-4.206	82.343	0.99
13.6637	2.99321	50	49.996	49.994	22.34	0.295	0.008132	15502	-3.679	79.41	0.988
13.6468	2.99239	49.999	49.996	49.995	22.38	0.305	0.005314	15502	-3.557	79.954	0.987
13.6722	3.00183	49.998	50.004	49.997	22.36	0.325	0.017062	15502	-3.476	82.101	0.99
13.7042	3.00685	49.999	49.998	50.005	21.66	0.306	0.01115	15502	-2.99	79.295	0.988
13.6595	2.99989	49.999	50.004	50.003	20.99	0.284	0.014039	15502	-2.473	80.189	0.987
13.6914	3.00988	49.999	49.998	50	20.91	0.301	0.015596	15502	-2.037	78.338	0.986
13.6418	2.99369	49.998	50.001	50	20.98	0.31	0.010192	15502	-1.106	77.046	0.986
13.66	3.00081	50.005	50.003	50.003	20.97	0.301	0.00666	15502	-0.276	77.915	0.987
13.6969	3.00051	49.996	49.988	49.999	20.34	0.283	0.012579	15502	-0.316	79.795	0.985
13.6478	2.99175	49.994	50.003	50.001	20.61	0.29	0.01233	15502	-0.083	79.434	0.984
13.6575	2.99693	50.002	49.994	50.001	20.73	0.305	0.00316	15502	0.291	76.807	0.985
13.7271	3.01196	49.999	49.997	49.999	20.55	0.299	0.010145	15502	0.241	77.676	0.987
13.7019	3.00706	50.004	49.999	49.998	22.34	0.305	0.011271	15502	-0.215	78.817	0.986
13.6607	2.9988	49.999	50.001	50.002	21.19	0.3	0.021286	15502	-0.245	76.809	0.984
13.6635	3.00096	49.998	50.001	50.002	21.76	0.304	0.023648	15502	-0.539	76.673	0.985
13.6802	2.99894	49.999	49.999	49.996	22.05	0.305	0.00606	15502	-1.207	78.735	0.985
13.6648	2.99731	50	49.995	49.999	21.58	0.314	0.006733	15502	-1.855	78.402	0.986
13.6767	3.00659	49.994	50	50.002	22.35	0.305	0.012715	15502	-2.757	81.003	0.984
13.6793	3.00733	50.003	50.003	50.003	22.39	0.31	0.014126	15502	-3.517	83.385	0.985
13.6699	3.00042	50	50.002	50.006	22.35	0.308	0.009231	15502	-4.115	84.701	0.986
13.6821	3.00306	49.994	50.001	50.008	22.34	0.314	0.011623	15502	-4.571	84.504	0.985
13.6528	2.99167	49.996	50.001	49.994	22.34	0.306	0.004468	15502	-5.098	85.886	0.986
13.6416	2.98972	50.005	50.001	50.01	22.34	0.314	0.014345	15502	-5.524	87.017	0.987
13.6719	2.99681	50.001	50	49.993	22.41	0.297	0.027092	15502	-5.869	88.11	0.987
13.6733	3.00111	50.003	50.003	50.002	22.13	0.306	0.010414	15502	-5.818	87.307	0.987
13.6731	3.012	50.002	50	49.995	21.67	0.304	0.01157	15502	-4.672	84.177	0.986
13.7015	3.00696	49.999	49.998	50.009	22.34	0.302	0.007561	15502	-3.273	80.387	0.986
13.6667	3.00169	50	50.003	49.999	23.72	0.305	0.0056	15502	-1.754	77.303	0.987
13.6803	3.00118	50.002	50.002	49.997	23.77	0.289	0.006221	15502	-0.488	74.834	0.984
13.6635	3.00138	50	49.991	50	24.41	0.294	0.011749	15502	0.008	73.573	0.985
13.6762	3.00517	49.993	49.993	49.998	25.08	0.306	0.013052	15502	1.121	70.343	0.983
13.6696	2.9982	50.006	50.001	49.998	25.47	0.294	0.00853	15502	1.728	70.182	0.983
13.6776	3.00572	50.003	50	50.002	25.22	0.285	0.010739	15502	1.485	73.458	0.983

13.6844	3.0026	50.001	50.009	50	21.73	0.289	0.020282	15502	0.23	82.161	0.981
13.6624	2.99012	49.999	49.995	49.995	21.9	0.307	0.013254	15502	0.139	83.706	0.983
13.6828	3.00652	49.999	50.001	50.001	20.97	0.29	0.009817	15502	0.069	83.556	0.979
13.6872	3.00009	49.998	50	50	22.33	0.31	0.006415	15502	-0.053	83.66	0.979
13.7012	3.00912	50	50.009	50.011	21.69	0.305	0.007127	15502	-0.184	79.964	0.981
13.6563	3.00282	50.001	50.002	49.998	21.21	0.287	0.007917	15502	-0.549	78.578	0.981
13.6996	3.00538	50.004	50	50.014	21.72	0.293	0.014953	15502	-1.612	80.957	0.982
13.6481	2.98828	49.997	49.999	49.998	22.24	0.31	0.016612	15502	-2.838	83.333	0.982
13.6752	2.99688	50	50.004	49.995	22.37	0.291	0.031373	15502	-3.456	82.985	0.982
13.6795	2.99987	49.995	50	50.003	22.36	0.314	0.01206	15502	-4.226	84.756	0.981
13.6792	3.00649	49.995	49.998	50	22.36	0.287	0.015185	15502	-4.976	86.167	0.983
13.6826	3.01183	49.997	49.998	49.995	22.23	0.303	0.008756	15502	-5.159	85.326	0.982
13.683	3.00836	50.001	50.001	50.007	22.34	0.306	0.018741	15502	-5.26	84.922	0.983
13.6926	3.00789	49.999	50.001	49.996	22.39	0.307	0.007204	15502	-5.666	85.158	0.983
13.6697	2.99536	50	50	50	22.22	0.287	0.03932	15502	-5.625	84.618	0.983
13.6948	3.01332	49.997	50.001	49.992	22.34	0.301	0.015115	15502	-4.429	83.72	0.984
13.6935	3.00445	50.002	50	50.002	20.91	0.32	0.009878	15502	-2.544	82.082	0.984
13.6775	3.00542	50	50.002	50.003	20.45	0.283	0.010974	15502	-1.318	78.456	0.987
13.6757	3.0074	49.999	50.006	50	20.97	0.304	0.007171	15502	-0.802	75.226	0.988
13.696	3.01308	50.004	50.001	50.004	21.11	0.298	0.007967	15502	-0.903	74.914	0.988
13.6742	3.00489	50.001	49.998	50.001	20.99	0.302	0.004594	15502	-0.893	71.677	0.987
13.6681	2.99274	49.993	49.997	50	20.97	0.302	0.014749	15502	-0.853	73.391	0.985
13.6973	3.00504	50.003	49.999	49.997	20.51	0.299	0.010923	15502	-0.923	73.717	0.986
13.6979	3.01391	49.997	50.002	49.996	20.42	0.306	0.007138	15502	-1.025	74.864	0.989
13.6699	2.99811	50.005	49.998	49.996	22.34	0.31	0.004665	15502	-1.298	78.085	0.988
13.6765	3.00083	50.003	50.001	49.998	20.6	0.294	0.00881	15502	-1.47	78.512	0.99
13.6652	2.9951	49.996	50.006	49.998	20.97	0.292	0.009787	15502	-1.734	79.4	0.991
13.6665	3.00713	49.998	50.004	50.002	20.97	0.308	0.018485	15502	-2.027	81.938	0.99
13.6963	3.01052	49.992	50.002	50	20.92	0.3	0.01208	15502	-2.007	79.956	0.991
13.6805	3.00175	50.001	49.999	50.003	21.68	0.307	0.003096	15502	-2.027	79.7	0.992
13.6631	2.99446	49.996	49.999	49.993	21.33	0.323	0.009939	15502	-1.997	76.849	0.99
13.682	3.00526	50	49.999	49.994	22.34	0.295	0.006495	15502	-2.969	79.551	0.992
13.6547	2.99876	50.002	50.005	50.006	22.39	0.302	0.012267	15502	-4.611	84.916	0.992
13.675	2.99901	50.003	49.993	50.002	22.37	0.315	0.008016	15502	-5.058	83.825	0.993
13.6947	3.00747	50.002	50.002	50.004	22.41	0.31	0.025737	15502	-5.565	85.055	0.993
13.6913	3.00028	50.003	50.005	50.005	22.63	0.3	0.009894	15502	-6.112	86.082	0.994

13.7015	3.01084	50	50.005	49.993	22.34	0.302	0.010991	15502	-5.027	84.11	0.994
13.6749	3.01335	49.999	49.999	50.004	21.82	0.32	0.012211	15502	-3.294	81.413	0.994
13.6845	2.9979	50.001	50.002	50.006	21.91	0.3	0.013565	15502	-3.192	80.406	0.994
13.6786	3.00221	50	49.998	50.001	22.66	0.324	0.025619	15502	-3.436	81.468	0.994
13.6613	2.99681	50.002	50.003	50.002	21.05	0.297	0.028462	15502	-1.49	72.767	0.995
13.6641	3.00304	50.001	50.001	50.005	23.03	0.308	0.010941	15502	-0.215	66.055	0.998
13.66	2.98802	50.003	50.003	49.999	25.16	0.303	0.020663	15502	-0.012	66.25	0.998
13.6997	3.00752	49.998	50	49.997	26.47	0.303	0.015304	15502	0.767	64.382	0.996
13.6774	2.9985	49.999	49.998	49.994	26.47	0.305	0.017001	15502	0.311	68.34	0.997
13.6283	2.99189	50.006	50.002	49.999	24.89	0.313	0.018888	15502	0.008	69.206	0.997
13.6764	3.005	49.998	49.998	49.999	23.63	0.303	0.020983	15502	-0.093	72.76	0.998
13.6797	3.00151	50	50.001	49.996	22.36	0.322	0.026419	15502	-0.357	72.383	0.996
13.6459	2.98862	49.996	50.001	49.999	21.11	0.304	0.005974	15502	-1.592	76.276	0.998
13.6844	3.00451	50.002	50	50.005	22.42	0.284	0.01918	15502	-2.888	78.906	0.998
13.6568	3.00107	50.002	50.004	50.008	22.28	0.3	0.012534	15502	-3.658	79.462	0.998
13.6565	3.00269	50.001	49.999	50.008	22.66	0.291	0.007227	15502	-4.064	78.339	0.998
13.6653	2.99648	50.001	49.998	49.998	22.34	0.302	0.004723	15502	-5.362	84.579	0.998
13.68	3.00484	49.998	50.003	50.002	23.03	0.287	0.015164	15502	-5.707	87.54	0.999
13.6289	2.99042	49.998	49.995	50.004	22.77	0.328	0.00991	15502	-5.483	86.904	0.998
13.7228	3.01728	49.999	49.998	49.994	22.2	0.316	0.011009	15502	-6.498	89.717	0.998
13.6707	3.00497	50.001	49.998	49.994	22.38	0.329	0.013861	15502	-4.449	83.909	0.999
13.663	2.99746	49.997	50.001	50	22.62	0.301	0.005328	15502	-4.976	80.256	0.998
13.6942	3.00497	49.998	50.003	49.999	22.8	0.312	0.017107	15502	-5.747	82.405	0.999
13.6501	2.98891	50.002	49.996	49.997	22.43	0.302	0.011179	15502	-6.244	84.146	0.998
13.6761	3.00115	50.002	50.002	49.999	22.36	0.312	0.021114	15502	-7.208	87.185	0.998
13.6659	3.00554	50.005	49.999	50	22.34	0.313	0.004774	15502	-7.777	89.067	0.998
13.7113	3.00602	50.006	49.999	50.004	22.97	0.324	0.009017	15502	-8.122	91.122	0.999
13.6515	3.00569	50.002	50.005	49.999	23.01	0.306	0.010017	15502	-6.904	91.005	0.998
13.6662	3.0041	50.004	49.999	49.997	23.03	0.3	0.032161	15502	-2.706	83.409	1
13.6672	2.99961	50.005	49.995	50.003	22.56	0.303	0.012363	15502	-1.247	77.886	0.998
13.6841	3.00354	49.998	50.006	50	23.72	0.315	0.023349	15502	0.777	74.615	0.999
13.6739	3.00231	50.002	49.999	50	25.1	0.303	0.025939	15502	2.011	63.015	0.998
13.6685	3.00113	49.998	50.005	50	26.28	0.305	0.032659	15502	1.657	64.943	0.997
13.6646	2.99903	49.995	50	50	25.47	0.32	0.012554	15502	2.537	66.406	0.996
13.6435	2.99621	50.003	49.999	50.002	25.78	0.289	0.045682	15502	2.233	64.672	0.996
13.6813	3.01023	50	49.996	50.001	24.41	0.306	0.01033	15502	2.041	66.367	0.994

13.6391	2.99837	50	49.998	49.997	22.48	0.302	0.05638	15502	0.898	75.299	0.994
13.7109	3.00647	49.999	49.998	49.995	20.84	0.315	0.036844	15502	-0.053	80.936	0.993
13.6806	3.00569	49.999	49.999	50.004	20.97	0.293	0.024077	15502	-0.174	80.288	0.992
13.6762	3.00317	50.001	49.999	50.001	22.35	0.287	0.026749	15502	-0.255	80.109	0.994
13.671	3.00068	50	49.997	50	21.72	0.313	0.029716	15502	-0.539	81.662	0.992
13.6683	2.99988	50.002	49.999	50.005	21.63	0.323	0.019419	15502	-1.136	82.731	0.993
13.6528	3.0016	50.003	49.997	49.994	22.2	0.32	0.01269	15502	-1.602	83.236	0.994
13.6472	2.99626	50.003	50.003	50.006	22.35	0.282	0.023967	15502	-1.693	82.33	0.994
13.7236	3.0171	49.998	49.996	49.999	21.5	0.286	0.009213	15502	-1.511	81.545	0.99
13.6725	3.00473	50.004	50.003	50.008	22.28	0.297	0.050286	15502	-1.592	82.019	0.993
13.6705	3.00134	50.006	49.998	49.999	21.8	0.306	0.032862	15502	-1.906	82.168	0.992
13.6719	3.0043	49.998	49.996	49.999	22.36	0.304	0.036508	15502	-2.645	83.86	0.992
13.6799	2.9985	49.999	49.999	49.995	22.36	0.318	0.023858	15502	-2.858	83.063	0.993
13.6918	3.00506	50.006	50.004	50	22.35	0.283	0.026504	15502	-2.807	83.685	0.993
13.6607	3.00364	49.997	50.001	49.998	22.39	0.303	0.017321	15502	-2.746	83.027	0.992
13.6682	2.99817	50.002	50.003	50.004	22.42	0.317	0.032712	15502	-2.817	82.105	0.99
13.6647	3.00005	50.002	49.997	50.008	21.64	0.321	0.014251	15502	-1.004	78.427	0.992
13.67	2.99965	49.999	49.996	49.997	22.34	0.278	0.045755	15502	-0.033	76.284	0.991
13.6518	2.99427	49.999	50.002	50.004	24.11	0.304	0.029901	15502	2.415	67.543	0.991
13.6365	2.99296	50.002	49.999	50.002	25.78	0.297	0.011494	15502	2.779	66.953	0.988
13.6187	2.98415	50.001	49.996	50.001	27.03	0.28	0.021708	15502	3.861	66.064	0.99
13.7195	3.00917	50.002	50.003	49.999	26.82	0.305	0.014186	15502	4.497	64.646	0.988
13.6679	2.99797	50.002	50.003	50.003	27.16	0.3	0.017861	15502	4.144	69.179	0.989
13.6849	2.99973	50.001	50	50.001	25.79	0.313	0.022488	15502	3.457	72.384	0.986
13.6478	3.00053	50.002	50.003	50	25.07	0.303	0.014696	15502	2.982	74.087	0.988
13.6969	3.01161	50.002	50	49.999	24.4	0.293	0.027755	15502	2.557	77.207	0.986
13.6787	2.99996	50.001	49.999	49.999	23.81	0.306	0.018138	15502	2.971	76.306	0.985
13.677	2.99376	50.007	49.996	50.006	23.72	0.315	0.034255	15502	3.174	74.479	0.988
13.6602	3.0009	50.003	50.005	50	23.51	0.308	0.038055	15502	3.143	75.73	0.987
13.6365	2.99873	49.999	49.998	50.002	23.12	0.297	0.042277	15502	2.982	75.426	0.988
13.6617	2.9983	50	50	50.002	23.11	0.276	0.046968	15502	3.103	72.917	0.986
13.6923	3.00967	50.003	49.998	49.996	23.14	0.31	0.030693	15502	2.982	73.743	0.986
13.6712	3.00096	50.005	50.003	49.999	23.05	0.296	0.034098	15502	2.921	73.93	0.985
13.6792	3.00379	49.999	50.002	50	23.26	0.306	0.022283	15502	2.739	72.717	0.985
13.6899	2.99764	49.998	50.002	50.002	23.26	0.279	0.016504	15502	2.426	73.231	0.983
13.6887	3.0074	49.998	50.003	50	23.71	0.315	0.018334	15502	2.112	77.518	0.984

13.6765	3.00437	50	49.997	49.995	23.83	0.284	0.011981	15502	2.011	79.443	0.984
13.6905	3.00972	49.995	49.999	50.002	23.83	0.284	0.013311	15502	1.93	79.61	0.985
13.6613	3.00576	49.999	50.003	49.999	23.72	0.303	0.014787	15502	2.072	78.653	0.985
13.6709	3.00267	50	50	50.001	23.84	0.277	0.009664	15502	2.567	79.706	0.984
13.6376	2.99261	50	50	49.995	24.44	0.292	0.018251	15502	3.123	74.171	0.984
13.668	2.99398	49.999	50.004	50.005	25.75	0.311	0.034468	15502	3.871	70.474	0.985
13.6308	2.98616	49.999	49.999	49.995	26.47	0.28	0.01325	15502	4.457	68.664	0.985
13.6658	2.99468	50	50.005	50	27.16	0.303	0.02836	15502	5.306	65.952	0.984
13.6828	2.99904	50.004	50.001	50.007	28.38	0.276	0.012355	15502	5.407	68.739	0.984
13.7028	3.01012	50.003	50.001	49.997	27.64	0.287	0.023335	15502	5.255	69.55	0.983
13.7001	3.00149	50.004	49.997	50	27.28	0.289	0.010166	15502	4.841	76.707	0.981
13.659	3.00253	50.002	50.002	49.997	27.11	0.292	0.011294	15502	4.881	77.789	0.982
13.6812	3.00707	50	49.998	50	26.47	0.277	0.008365	15502	4.457	78.564	0.981
13.7142	3.01183	50.004	49.995	50.003	25.82	0.296	0.017904	15502	4.396	76.709	0.981
13.7069	3.0065	49.996	49.997	50	25.75	0.291	0.0117	15502	4.073	77.369	0.982
13.6836	3.00145	49.997	50	50.002	25.4	0.284	0.012998	15502	3.992	78.245	0.981
13.6695	3.0006	50.003	50.003	50.005	25.14	0.309	0.009627	15502	3.75	79.953	0.981
13.6912	2.9988	49.996	49.997	49.998	25.02	0.289	0.018181	15502	3.709	80.811	0.979
13.6475	3.00033	50.002	50	50.002	24.87	0.304	0.011881	15502	3.608	83.009	0.98
13.6855	3.00473	50	50.001	49.997	24.99	0.297	0.013199	15502	3.022	89.585	0.978
13.6911	3.0001	49.998	49.998	50.004	24.51	0.293	0.008626	15502	3.184	93.133	0.979
13.6938	3.00308	50.001	50.001	49.998	25.02	0.278	0.006388	15502	3.406	93.917	0.977
13.6734	3.0006	50.003	50.001	50.002	25.13	0.288	0.007097	15502	3.447	91.78	0.977
13.6521	2.99732	50	50.001	50.002	25.47	0.298	0.013404	15502	3.548	93.072	0.976
13.6593	2.99529	50.003	50.002	49.998	25.09	0.296	0.016876	15502	3.527	94.666	0.976
13.732	3.0178	49.995	49.998	50	24.97	0.292	0.018748	15502	3.689	95.185	0.976
13.6745	2.99562	49.996	49.997	49.996	24.55	0.292	0.012252	15502	3.962	95.302	0.975
13.6725	3.01	50.001	50.005	50.001	24.4	0.303	0.015426	15502	4.114	95.384	0.975
13.7002	3.00158	50	50.001	50.003	24.52	0.292	0.017138	15502	4.326	95.168	0.973
13.6605	2.99368	49.998	50.004	50	25.09	0.295	0.011199	15502	4.639	95.257	0.972
13.6605	2.99273	49.999	49.996	49.998	26.03	0.277	0.012442	15502	5.73	95.744	0.975
13.7191	3.01684	50.002	50.002	49.997	26.54	0.283	0.023498	15502	6.537	95.514	0.972
13.6656	2.99688	50	50	49.994	27.22	0.297	0.050295	15502	6.982	95.959	0.973
13.6599	3.00634	49.997	49.995	49.999	27.85	0.288	0.019334	15502	7.345	95.822	0.972
13.6622	2.99698	50.001	49.999	50.001	28.3	0.292	0.014319	15502	7.234	95.57	0.972
13.6568	2.99269	50	50.002	50.002	28.42	0.298	0.009357	15502	7.123	95.719	0.972

13.6909	3.00773	50.001	50	50.001	27.84	0.297	0.00693	15502	6.426	96.038	0.972
13.658	2.99478	49.996	49.997	49.999	27.41	0.272	0.022251	15502	7.365	96.387	0.973
13.6645	3.00155	50.004	49.999	50.005	27.26	0.292	0.005702	15502	6.84	96.357	0.972
13.667	2.99405	50.002	50	50	27.16	0.274	0.020749	15502	6.881	96.09	0.973
13.6799	3.00221	49.999	50.007	49.998	26.88	0.294	0.007976	15502	6.154	96.443	0.973
13.6639	3.00736	49.999	50.001	49.999	26.49	0.282	0.010042	15502	6.194	96.528	0.975
13.6795	3.00674	50	50.002	49.998	26.21	0.293	0.006563	15502	5.841	96.662	0.975
13.6475	2.99158	49.999	50.003	50.003	25.82	0.297	0.02107	15502	5.336	96.829	0.973
13.6388	2.98899	49.998	49.998	49.997	25.14	0.286	0.013769	15502	4.639	96.625	0.973
13.66	2.99748	50.001	50.002	49.997	24.4	0.305	0.005293	15502	4.134	96.753	0.975
13.6864	3.00676	50.004	50.005	50.003	23.83	0.312	0.011329	15502	3.841	96.866	0.977
13.6597	3.00085	49.999	50	49.996	23.26	0.29	0.021397	15502	3.194	96.864	0.976
13.6471	2.99427	49.997	50.001	49.999	23.03	0.312	0.003226	15502	2.759	96.965	0.976
13.6711	3.00229	50.001	50.006	50.002	23.03	0.294	0.010356	15502	2.436	97.022	0.977
13.6741	3.00086	49.995	50.005	50.002	22.6	0.293	0.006768	15502	2.031	97.092	0.977
13.6606	2.99365	49.998	50.001	50.004	22.34	0.288	0.007518	15502	1.748	97.047	0.977
13.6769	2.99839	50.001	49.999	50	22.85	0.294	0.008352	15502	1.971	96.999	0.975
13.6556	3.00116	50.002	50.002	50.008	23.72	0.275	0.026817	15502	2.284	96.675	0.977
13.6508	2.99602	50.001	49.997	50.003	24.36	0.287	0.006872	15502	2.375	95.047	0.977
13.6646	2.99605	50.002	50.001	49.997	24.41	0.299	0.004491	15502	2.476	92.938	0.976
13.661	3.00113	50.001	50.003	50.004	23.74	0.293	0.008482	15502	1.829	93.972	0.973
13.6818	3.00727	50.005	50	50.003	22.38	0.284	0.016019	15502	0.736	95.388	0.975
13.6889	3.01002	50.003	50.001	50.004	21.76	0.301	0.017796	15502	0.575	95.798	0.973
13.6703	3.00393	50.003	50.005	50.001	21.38	0.286	0.006841	15502	0.534	96.089	0.975
13.6891	3.0057	49.997	49.996	49.996	20.62	0.299	0.014642	15502	0.463	96.188	0.973
13.6557	3.00117	50.002	49.999	50	20.17	0.302	0.016267	15502	0.079	96.182	0.976
13.6615	3.001	49.995	49.997	49.997	20.91	0.297	0.018072	15502	-0.438	96.107	0.975
13.6514	3.00216	49.999	50.007	50.005	20.97	0.29	0.01181	15502	-1.247	94.817	0.975
13.6452	2.98916	50.005	50.001	50	21.76	0.292	0.00454	15502	-2.422	92.371	0.976
13.6683	3.00775	49.998	49.998	49.998	21.56	0.283	0.014575	15502	-3.76	90.828	0.975
13.6727	2.99725	50.002	49.997	49.994	22.28	0.302	0.005603	15502	-4.753	88.842	0.976
13.6468	2.98987	49.997	49.997	49.999	22.02	0.309	0.010582	15502	-5.95	88.664	0.977
13.6393	2.99324	49.999	49.999	49.996	22.34	0.303	0.022649	15502	-6.843	87.645	0.977
13.6691	2.99812	49.997	49.999	50.005	22.41	0.304	0.008707	15502	-7.594	86.436	0.977
13.6888	3.00339	49.997	49.999	50.002	22.34	0.315	0.003347	15502	-8.081	85.615	0.977
13.6761	2.99865	49.997	49.996	50.009	22.34	0.285	0.012178	15502	-8.63	85.861	0.977

13.6658	2.99795	49.999	49.998	50.003	22.33	0.291	0.007958	15502	-9.097	85.801	0.979
13.6395	2.9952	50.001	50.001	49.998	22.34	0.288	0.008841	15502	-10.255	84.749	0.979
13.67	3.00741	50.003	50.002	50	22.34	0.309	0.011132	15502	-11.759	84.22	0.98
13.6683	2.99755	50.005	50.012	50.003	22.32	0.318	0.021024	15502	-12.084	84.542	0.981
13.6541	2.99186	49.998	50.001	50.003	22.34	0.313	0.015571	15502	-12.949	80.985	0.983
13.639	2.99215	49.997	50	49.998	22.34	0.315	0.019605	15502	-12.481	81.689	0.984
13.6637	3.00539	50.001	49.998	50.001	22.34	0.298	0.037025	15502	-12.674	81.495	0.984
13.6589	3.00036	50	49.997	49.996	22.9	0.317	0.005582	15502	-12.735	81.941	0.983
13.69	3.01217	49.998	50.002	50.001	22.92	0.306	0.034526	15502	-13.061	80.115	0.984
13.6761	3.00493	50.004	50.001	49.999	22.64	0.338	0.025571	15502	-13.315	80.603	0.984
13.6793	2.99636	49.998	50	50.001	22.96	0.328	0.016711	15502	-13.488	78.514	0.983
13.6483	2.99241	49.995	50	49.997	22.38	0.325	0.018565	15502	-13.763	77.405	0.984
13.655	3.00438	49.998	49.999	49.996	22.34	0.324	0.013749	15502	-14.282	78.863	0.985
13.6683	3.00709	49.998	49.999	50	22.22	0.339	0.017311	15502	-14.261	78.288	0.984
13.6671	3.00843	49.998	50.003	50	22.24	0.313	0.032694	15502	-14.506	80.559	0.985
13.6732	3.00683	50.001	50.001	49.999	22.29	0.321	0.021366	15502	-14.964	79.528	0.985
13.6988	3.00932	49.999	50.006	49.998	22.31	0.323	0.015824	15502	-15.31	80.866	0.985
13.6651	3.00815	49.998	49.998	50.004	22.34	0.306	0.01758	15502	-15.544	81.672	0.986
13.6526	2.99357	49.995	50	50.001	22.31	0.316	0.006758	15502	-15.89	83.56	0.985
13.6678	3.00684	50	50.002	50.006	22.31	0.315	0.005005	15502	-15.992	81.799	0.986
13.6846	2.99364	50.001	50.003	50.001	22.28	0.312	0.027317	15502	-16.135	82.235	0.987
13.6656	3.00122	49.996	50.001	50.002	22.03	0.32	0.017852	15502	-16.562	83.248	0.986
13.6902	3.00753	50.002	50	50	22.32	0.343	0.019832	15502	-16.624	82.051	0.986
13.673	3.00025	50.001	50	50.007	22.34	0.33	0.022033	15502	-16.379	82.274	0.985
13.6803	3.00027	50.004	50.002	49.999	22.34	0.339	0.024477	15502	-15.992	79.364	0.984
13.6678	2.99711	50.002	49.998	49.999	22.34	0.297	0.015996	15502	-15.839	77.873	0.986
13.6768	3.0047	49.997	50	49.998	22.34	0.336	0.02014	15502	-15.116	75.999	0.984
13.6524	2.9977	49.997	49.996	50.001	22.34	0.292	0.013161	15502	-14.282	78.197	0.984
13.674	3.00827	50.005	49.996	49.999	22.37	0.31	0.016571	15502	-13.224	81.192	0.985
13.6701	3.00378	49.999	50	49.994	22.1	0.324	0.012273	15502	-11.525	81.883	0.983
13.6713	2.99724	49.995	50.004	50.008	22.03	0.319	0.00802	15502	-9.676	81.49	0.982
13.6408	3.0003	49.998	49.998	50.007	21.13	0.32	0.015147	15502	-9.178	81.226	0.981
13.6475	2.99259	49.999	50.003	49.998	22.25	0.313	0.006599	15502	-7.777	82.447	0.98
13.6943	3.00309	49.995	50.005	50.003	20.28	0.278	0.021187	15502	-5.707	79.817	0.978
13.6766	3.01057	50.001	50.004	50.016	21.71	0.302	0.040013	15502	-5.017	81.312	0.976
13.689	3.00774	49.996	49.996	50.002	21.93	0.29	0.015381	15502	-4.652	82.998	0.977

13.6689	2.99711	49.999	50.01	50.002	22.34	0.302	0.017088	15502	-4.044	86.704	0.976
13.6755	2.99733	49.996	50.001	50.006	22.34	0.31	0.018984	15502	-3.983	88.605	0.975
13.6588	2.9962	50.001	49.995	49.996	22.27	0.316	0.007298	15502	-3.881	87.363	0.976
13.6494	2.99556	50.001	49.997	49.999	21.65	0.306	0.013782	15502	-3.658	86.297	0.972
13.6625	3.00776	49.999	49.996	50.006	21.26	0.293	0.005298	15502	-3.213	85.734	0.972
13.6423	2.99796	49.999	50	49.997	22.27	0.305	0.01701	15502	-3.314	88.026	0.972
13.6903	3.00518	50.003	49.999	50.001	22.06	0.305	0.018897	15502	-5.199	84.088	0.972
13.6608	3.00213	50	49.994	50	22.07	0.286	0.020993	15502	-5.828	81.689	0.973
13.6778	3.00765	49.999	49.999	49.998	21.9	0.297	0.00807	15502	-5.727	79.901	0.974
13.6927	3.00716	49.998	49.999	49.996	22.05	0.305	0.015241	15502	-5.97	79.015	0.972
13.6812	3.00152	50.004	50.001	50.003	22.34	0.305	0.005859	15502	-6.681	85.894	0.973
13.6505	2.99361	50	49.999	50.004	22.34	0.307	0.007377	15502	-7.005	89.035	0.973
13.64	2.98639	50.001	49.998	50.002	21.95	0.307	0.008195	15502	-7.3	81.356	0.975
13.6851	3.00146	50	49.999	50.003	22.34	0.323	0.026311	15502	-10.926	76.665	0.978
13.6862	3.00775	50.002	50.003	50.002	22.34	0.31	0.019487	15502	-12.888	76.085	0.978
13.6853	2.99576	50.001	49.998	49.999	22.31	0.316	0.024535	15502	-13.651	74.5	0.98
13.6628	2.99917	50	50.004	50.002	22.33	0.295	0.027257	15502	-13.508	74.011	0.981
13.6825	3.00942	50.001	49.998	49.994	22.5	0.306	0.020187	15502	-12.837	70.134	0.983
13.6674	2.99767	49.999	49.994	50.001	22.77	0.337	0.022427	15502	-12.288	71.029	0.985
13.6555	2.99119	50.004	50.002	49.996	22.54	0.33	0.01661	15502	-12.207	74.183	0.983
13.6919	3.00711	50.002	50	50.002	23	0.324	0.03137	15502	-11.861	75.215	0.983
13.6508	2.99918	49.999	49.996	50.003	22.36	0.313	0.039497	15502	-12.023	75.766	0.984
13.6819	2.9973	49.996	49.998	49.994	22.66	0.292	0.029252	15502	-12.105	72.637	0.985
13.6686	3.00062	49.997	49.998	49.998	22.35	0.317	0.007497	15502	-12.145	74.516	0.987
13.6607	3.00023	49.996	50.001	50.004	22.35	0.317	0.024069	15502	-13	75.051	0.986
13.6777	3.00131	50.003	50.001	49.998	22.3	0.303	0.010486	15502	-13.427	75.36	0.988
13.6902	2.99759	49.993	50	50.004	22.34	0.312	0.013202	15502	-13.915	75.071	0.987
13.643	2.98996	50	49.999	50.003	22.34	0.308	0.024934	15502	-14.587	77.194	0.987
13.6622	3.0063	49.998	49.999	50	22.34	0.343	0.018467	15502	-15.025	78.729	0.986
13.691	3.00068	50.004	49.999	49.999	22.34	0.304	0.020516	15502	-15.442	78.693	0.988
13.6742	3.00182	49.999	50.003	49.999	22.29	0.317	0.025831	15502	-15.524	80.481	0.989
13.6674	2.99858	50	50.002	50.002	22.16	0.32	0.00993	15502	-15.839	80.113	0.987
13.7016	3.00707	50	50.002	49.997	22.26	0.331	0.018753	15502	-16.063	80.473	0.99
13.6784	2.99989	49.997	50	50	22.28	0.333	0.023611	15502	-16.114	80.336	0.988
13.7017	3.01444	49.999	49.993	49.999	22.34	0.303	0.026231	15502	-16.135	80.951	0.987
13.6378	2.99517	50.003	50.002	50.003	22.34	0.314	0.017142	15502	-16.135	81.361	0.988

13.6437	2.99326	50.003	50	49.999	22.38	0.32	0.011202	15502	-15.626	80.726	0.986
13.6804	2.99659	50.003	49.997	49.998	22.36	0.33	0.014104	15502	-14.506	77.126	0.987
13.6749	3.00532	50.002	50	50.006	22.36	0.309	0.026637	15502	-13.773	82.771	0.987
13.6521	2.99211	49.996	50	50.001	22.55	0.316	0.019728	15502	-13.407	76.212	0.985
13.6535	2.9963	49.998	50.002	50.005	22.47	0.323	0.042226	15502	-12.39	78.735	0.985
13.6613	2.99794	50.003	49.996	50.004	22.34	0.325	0.009548	15502	-11.169	77.346	0.983
13.6704	2.99816	50	49.999	50.003	22.14	0.301	0.012022	15502	-9.818	82.392	0.984
13.6781	3.00894	50.001	49.996	49.996	22.35	0.305	0.022705	15502	-7.614	77.576	0.982
13.6721	2.99974	49.999	50.002	49.994	21.21	0.314	0.04288	15502	-5.97	77.586	0.978
13.6733	2.99706	50.002	50	49.998	21.9	0.295	0.009696	15502	-4.581	75.103	0.979
13.6783	3.00591	50	49.998	50	20.29	0.277	0.012208	15502	-3.233	74.68	0.977
13.6761	3.00909	50.003	50	49.995	22.25	0.303	0.023056	15502	-2.767	73.841	0.978
13.6774	3.00509	50.003	50.002	50.002	22.23	0.295	0.013295	15502	-4.327	79.146	0.977
13.6691	3.00407	49.998	50.003	49.991	22.33	0.286	0.01477	15502	-3.963	79.865	0.977
13.664	3.00128	50.001	50.002	49.999	22.34	0.278	0.018596	15502	-4.064	81.761	0.977
13.679	3.00576	49.998	49.999	50	21.8	0.303	0.012152	15502	-4.044	81.19	0.976
13.6586	2.99499	50.006	50.002	50.004	22.34	0.31	0.022951	15502	-3.861	81.5	0.976
13.7027	3.01111	50.001	50.002	49.999	22.23	0.294	0.014998	15502	-4.023	83.952	0.973
13.6644	2.98955	50.002	50.004	50.003	22.2	0.294	0.009801	15502	-4.277	85.7	0.975
13.6779	3.00534	49.997	50	49.997	22.34	0.302	0.018511	15502	-4.834	88.46	0.972
13.6888	3.00279	49.995	49.999	49.999	21.66	0.283	0.012097	15502	-6.011	90.096	0.975
13.6426	2.98693	50.002	50.004	50.004	21.41	0.298	0.022846	15502	-3.892	90.074	0.972
13.6843	3.00618	50.001	49.997	49.997	22.05	0.297	0.02538	15502	-2.28	88.401	0.973
13.6676	3.00233	50.009	50	50	20.96	0.306	0.016586	15502	-1.501	86.383	0.973
13.6788	2.99821	49.999	50	49.996	21.34	0.308	0.053251	15502	-1.146	86.452	0.973
13.6615	2.99403	50.002	50.002	50	20.28	0.305	0.0232	15502	-0.599	84.801	0.972
13.6652	3.00105	50	49.997	49.996	21.07	0.295	0.022741	15502	-0.296	83.689	0.97
13.6718	2.99486	49.994	49.999	49.996	20.27	0.302	0.009908	15502	0.18	84.468	0.969
13.6458	2.99684	49.995	49.999	50	21.29	0.286	0.054076	15502	2.476	78.077	0.969
13.665	3.00546	50.001	50	50.005	25.35	0.274	0.035339	15502	3.487	75.632	0.97
13.6568	2.99088	50	50.005	50	27.55	0.289	0.015396	15502	5.386	70.021	0.97
13.7131	3.01477	49.996	50.003	50.003	29.72	0.29	0.032953	15502	6.86	67.124	0.969
13.666	3.00356	50.001	50.006	49.998	31.28	0.29	0.062236	15502	7.214	69.69	0.969
13.6662	2.99825	50.005	49.996	49.997	32.04	0.283	0.040671	15502	7.88	70.634	0.97
13.6578	2.99867	50.006	50.003	50.004	32.14	0.289	0.026578	15502	8.566	73.11	0.968
13.6765	3.00259	49.998	49.999	49.998	31.31	0.297	0.019684	15502	8.455	76.964	0.971

13.6766	3.00035	49.995	49.993	49.999	27.97	0.288	0.037176	15502	7.022	83.078	0.967
13.7059	3.00676	49.999	49.999	50.004	25.93	0.291	0.079572	15502	6.982	85.53	0.967
13.6818	3.00532	50.001	50.004	50.002	25.1	0.292	0.020392	15502	6.79	85.845	0.966
13.6597	2.99306	49.997	50.001	50.004	25.09	0.297	0.038513	15502	6.517	83.701	0.966
13.67	2.99689	50	49.998	50.001	24.45	0.306	0.025168	15502	5.8	84.563	0.967
13.6737	3.00379	50.004	49.995	50.002	24.41	0.277	0.02796	15502	7.325	83.103	0.966
13.6765	3	50.002	50.001	50.001	24.41	0.291	0.035204	15502	6.992	86.145	0.966
13.6808	3.00284	49.997	50.002	49.998	24.4	0.307	0.013533	15502	6.84	87.359	0.966
13.6549	2.99597	49.997	50.001	50	24.4	0.297	0.049241	15502	6.8	87.792	0.964
13.6622	3.00065	50.002	50.001	49.999	24.4	0.294	0.011135	15502	6.82	87.974	0.965
13.644	2.99109	50.004	50.004	49.999	24.27	0.289	0.040515	15502	6.336	88.334	0.962
13.6585	2.99283	50	49.997	49.998	24.11	0.282	0.04501	15502	6.033	88.607	0.964
13.7028	3.00854	50.003	49.996	49.999	24.16	0.307	0.033336	15502	5.71	89.347	0.964
13.7065	3.00494	50.001	49.998	50	23.92	0.273	0.062958	15502	5.316	90.141	0.963
13.6685	2.99896	50.003	49.996	49.996	24.36	0.283	0.041143	15502	5.033	90.112	0.962
13.6717	3.0077	49.999	49.998	49.998	24.51	0.293	0.030472	15502	4.76	90.717	0.963
13.685	3.00052	49.997	50.002	50.002	25.06	0.274	0.033852	15502	4.508	90.902	0.962
13.6626	2.99399	49.997	49.994	49.999	24.39	0.298	0.037608	15502	3.143	84.462	0.964
13.6559	2.99702	50.002	49.998	49.995	24.39	0.303	0.016384	15502	1.849	85.143	0.964
13.651	3.00501	49.995	49.997	50	21.75	0.282	0.010707	15502	-0.144	90.505	0.963
13.6484	2.99513	50.001	50.001	50.001	20.28	0.293	0.020221	15502	-0.721	92.413	0.964
13.6934	3.00321	50.002	49.998	50.001	21.93	0.294	0.03819	15502	-0.276	92.298	0.963
13.6831	2.99727	49.999	49.999	49.996	21.64	0.308	0.024957	15502	0.048	90.963	0.964
13.6691	3.00139	50.004	49.999	49.998	21.06	0.293	0.047134	15502	-0.255	90.861	0.966
13.6698	3.00263	50.003	50.004	50.008	20.97	0.306	0.052363	15502	-0.346	91.598	0.966
13.6537	3.00213	49.998	49.998	49.998	21.82	0.307	0.034219	15502	-0.114	89.839	0.967
13.6306	2.98681	50.003	49.989	49.995	20.6	0.316	0.013154	15502	-0.134	89.048	0.966
13.6856	2.99974	50.003	50.009	50.012	21.19	0.282	0.042233	15502	-0.276	88.03	0.969
13.7034	3.00052	50.001	49.996	49.999	20.28	0.299	0.00955	15502	-0.215	86.753	0.969
13.7037	3.00528	50.003	50.003	50	20.6	0.276	0.018036	15502	-0.316	85.046	0.969
13.6691	3.00026	49.999	50.001	50.004	21.17	0.291	0.022708	15502	-0.336	84.56	0.97
13.6505	2.98772	50.002	50.005	50.012	20.97	0.289	0.01484	15502	-0.417	84.586	0.971
13.6564	3.00632	50.002	49.995	49.998	20.43	0.287	0.016486	15502	-0.539	85.943	0.972
13.6615	2.99403	49.998	49.999	50	21.61	0.295	0.010774	15502	-0.599	85.496	0.972
13.6457	2.98694	50	49.997	49.998	21.27	0.302	0.03459	15502	-0.691	85.257	0.974
13.6887	3.00371	50	50.003	50.005	22.09	0.309	0.013297	15502	-1.197	85.368	0.973

13.6895	3.00752	49.999	49.997	49.998	20.97	0.318	0.025112	15502	-1.339	84.702	0.975
13.6623	3.00677	50	49.996	49.998	20.57	0.318	0.005678	15502	-1.49	82.133	0.976
13.6681	2.99749	50	50	49.996	21.73	0.277	0.00715	15502	-2.159	82.085	0.977
13.6629	3.00027	49.999	50.005	50.001	22.35	0.278	0.011914	15502	-2.716	83.886	0.978
13.6836	3.00839	49.997	49.999	49.998	21.94	0.314	0.013236	15502	-3.861	85.172	0.977
13.6626	3.00295	50.004	49.999	50.001	21.1	0.292	0.02833	15502	-4.307	83.839	0.98
13.6838	3.00016	49.997	50	49.998	22.35	0.302	0.006406	15502	-5.473	87.5	0.979
13.6539	2.99923	50.003	50.002	49.998	20.87	0.306	0.020568	15502	-3.557	79.778	0.978
13.699	3.00184	49.998	49.998	50.001	20.3	0.288	0.013441	15502	-3.365	77.85	0.978
13.6856	3.01343	50	50.002	50.005	21.65	0.313	0.014932	15502	-2.645	72.895	0.978
13.6723	3.00326	50.001	49.998	50.002	21.44	0.3	0.024883	15502	-2.909	70.098	0.98
13.655	3.00108	49.999	50.006	49.998	20.47	0.31	0.009565	15502	-3.415	70.296	0.98
13.6561	2.9986	50.002	49.998	50	22.23	0.317	0.006251	15502	-4.348	71.025	0.981
13.6834	3.00046	50.002	49.994	50	22.35	0.317	0.011805	15502	-5.423	70.929	0.98
13.665	2.99331	49.999	50.002	49.999	22.35	0.323	0.013115	15502	-6.112	70.961	0.982
13.6614	2.99637	49.997	49.997	50.003	22.32	0.308	0.008571	15502	-6.599	74.642	0.982
13.6698	2.99654	50.001	49.998	50.001	22.37	0.323	0.016187	15502	-7.553	72.639	0.983
13.6455	2.9931	49.997	49.998	50	22.44	0.313	0.02038	15502	-9.239	72.615	0.983
13.6825	3.00121	50	50.002	49.996	22.34	0.3	0.022641	15502	-10.58	74.356	0.98
13.6621	2.99996	50	50.004	50.002	22.24	0.328	0.009864	15502	-12.552	70.946	0.983
13.667	2.99404	50.007	50.001	49.998	22.34	0.332	0.006446	15502	-13.173	72.917	0.983
13.6681	2.9947	49.999	50.002	49.999	22.37	0.322	0.013797	15502	-13.305	70.487	0.983
13.6579	2.99922	49.998	50.005	49.999	22.34	0.333	0.029532	15502	-13.651	70.697	0.983
13.675	2.99961	50.007	50	49.998	22.35	0.331	0.011352	15502	-13.763	72.167	0.982
13.6734	3.00072	49.993	50.003	49.997	22.34	0.338	0.008408	15502	-13.865	76.019	0.983
13.6734	2.99522	50	50	50.002	22.32	0.324	0.015879	15502	-14.974	73.507	0.984
13.678	3.00862	50.002	49.999	49.999	22.21	0.322	0.019993	15502	-16.053	70.916	0.984
13.6671	2.99748	50.006	49.999	49.999	22.05	0.322	0.022211	15502	-16.919	70.083	0.986
13.6663	2.99283	50.001	50	49.996	22.24	0.316	0.024675	15502	-16.664	69.181	0.985
13.6553	2.99677	49.993	49.992	49.999	22.34	0.314	0.031067	15502	-16.114	66.696	0.987
13.6936	3.00241	50.002	50.003	50.002	22.43	0.338	0.034514	15502	-15.768	65.769	0.985
13.6574	2.99819	50.002	49.996	50.005	22.43	0.338	0.007804	15502	-15.259	63.791	0.987
13.6622	2.99771	50.004	49.997	49.999	22.36	0.31	0.028398	15502	-14.75	59.101	0.986
13.6444	2.99573	50.003	50.003	49.998	22.73	0.312	0.010916	15502	-14.2	56.802	0.985
13.6627	2.99482	49.997	50.004	50.006	22.75	0.32	0.023366	15502	-13.732	58.174	0.987
13.6919	3.00443	50.001	50	49.998	22.48	0.309	0.017305	15502	-13.956	58.479	0.986

13.659	2.99734	49.997	49.999	49.999	22.33	0.318	0.032683	15502	-15.198	62.276	0.986
13.6888	3.00746	49.998	49.998	50.001	22.01	0.306	0.012563	15502	-15.534	64.784	0.987
13.6665	2.99357	49.997	50.001	50.001	21.99	0.34	0.023727	15502	-16.053	65.884	0.987
13.6545	2.98561	50	50.004	50.002	21.97	0.318	0.010337	15502	-16.399	66.326	0.989
13.6244	2.99569	49.995	49.998	50.006	21.75	0.31	0.019523	15502	-16.746	67.602	0.991
13.6651	2.99371	49.996	50.001	50.002	21.89	0.345	0.021689	15502	-17.174	68.7	0.99
13.6762	3.00636	49.998	50.001	49.999	21.84	0.342	0.024095	15502	-17.54	69.234	0.991
13.6819	3.00975	49.996	49.998	50.001	21.84	0.32	0.015746	15502	-17.887	70.322	0.991
13.6859	3.00054	49.996	50.003	50.004	21.81	0.319	0.029738	15502	-18.152	71.729	0.991
13.641	2.99251	49.998	50.005	49.999	21.83	0.326	0.011431	15502	-18.295	72.869	0.991
13.6715	2.9961	49.998	50	50.006	21.82	0.348	0.02159	15502	-18.59	72.266	0.991
13.6601	2.99638	50	49.999	50.003	21.88	0.35	0.014109	15502	-18.764	73.654	0.991
13.681	2.99623	50.002	50	50.005	21.83	0.352	0.026646	15502	-18.967	72.966	0.992
13.6493	2.99809	49.995	49.996	50.002	21.79	0.321	0.011609	15502	-19.008	74.326	0.993
13.6639	3.00774	50.002	49.999	50.004	21.85	0.309	0.037271	15502	-19.171	74.9	0.993
13.6615	2.9958	49.999	50.001	50	21.9	0.342	0.024356	15502	-18.886	75.528	0.993
13.6248	2.98934	49.998	50	50.004	21.89	0.303	0.015917	15502	-18.009	71.918	0.995
13.6445	2.99511	50.001	49.999	50.003	22.81	0.306	0.03006	15502	-16.97	69.024	0.994
13.6627	2.99892	49.999	49.997	49.998	22.95	0.334	0.033395	15502	-15.951	65.511	0.993
13.6828	3.00205	50.003	50.002	49.998	22.96	0.319	0.021824	15502	-14.791	65.295	0.992
13.6704	3.00031	50.004	49.998	50.004	22.99	0.315	0.070067	15502	-13.936	63.967	0.992
13.6657	3.00102	49.998	50.002	49.996	22.83	0.315	0.015844	15502	-13.854	63.731	0.993
13.6848	3.00044	49.995	50.002	49.998	23.03	0.297	0.011734	15502	-12.959	61.867	0.992
13.6827	2.99844	50	49.998	49.998	22.38	0.328	0.022162	15502	-12.573	61.422	0.992
13.6596	2.99472	50	50.001	49.993	22.34	0.312	0.027903	15502	-13.468	63.098	0.993
13.6779	3.00692	50	49.995	49.994	22.35	0.299	0.006309	15502	-13.793	65.732	0.993
13.6612	2.99701	50.001	49.997	49.996	22.34	0.323	0.034438	15502	-14.241	69.037	0.993
13.7022	3.01006	49.999	49.998	50.003	22.34	0.305	0.013238	15502	-14.862	70.772	0.993
13.6902	3.00123	50.002	49.999	49.997	22.34	0.323	0.008651	15502	-15.178	71.749	0.993
13.6451	2.99467	49.999	49.996	49.997	22.33	0.327	0.016338	15502	-15.32	74.846	0.994
13.7003	3.00597	49.998	50.004	49.996	22.26	0.339	0.018151	15502	-15.442	75.085	0.994
13.672	3.00185	49.997	50.001	49.996	22.35	0.322	0.011862	15502	-15.85	74.949	0.994
13.6724	2.99908	50.001	49.996	49.997	22.36	0.325	0.025389	15502	-16.308	76.077	0.996
13.6677	3.00279	49.997	49.999	49.999	22.34	0.326	0.028205	15502	-16.766	74.231	0.995
13.6553	2.99448	49.997	50.005	49.998	22.41	0.315	0.018432	15502	-16.878	75.641	0.997
13.6907	3.00966	49.995	49.994	49.999	22.34	0.341	0.012045	15502	-17.092	75.81	0.996

13.6634	2.99492	49.999	49.997	49.994	22.37	0.338	0.007872	15502	-17.092	76.677	0.996
13.658	2.9931	50.001	50.004	50.002	22.35	0.339	0.014866	15502	-17.153	77.007	0.998
13.6381	2.98981	50	49.997	50.005	22.38	0.346	0.03182	15502	-17.367	77.872	0.999
13.6643	3.00403	50	50.003	50.001	22.62	0.303	0.020794	15502	-16.644	74.327	0.998
13.67	2.99818	50	49.993	50	22.4	0.303	0.023101	15502	-14.546	65.563	0.999
13.6657	2.99602	49.998	49.999	49.997	22.84	0.323	0.005224	15502	-12.145	57.913	0.999
13.6512	2.99595	49.999	50.004	50.008	22.38	0.334	0.016771	15502	-12.817	60.189	0.998
13.6575	2.99385	49.999	50.004	49.997	22.31	0.305	0.021116	15502	-9.686	52.022	1
13.6482	3.00094	50.006	49.999	50	20.75	0.307	0.023459	15502	-9.015	52.234	0.995
13.6567	3.00237	50.001	50	49.997	22.35	0.29	0.009018	15502	-8.508	52.45	0.997
13.6832	2.99603	49.999	50	50.002	21.28	0.306	0.017031	15502	-7.858	55.69	0.994
13.6674	3.00157	50.001	50.003	50.004	22.35	0.32	0.01113	15502	-8.122	58.691	0.998
13.6614	2.99529	50.003	50.003	50.001	22.69	0.33	0.068846	15502	-9.015	65.289	0.996
13.6647	3.00168	50.006	50.003	50.008	22.34	0.304	0.009157	15502	-9.3	67.687	0.996
13.6617	3.00037	49.994	50.001	49.997	22.52	0.333	0.049982	15502	-9.33	69.648	0.995
13.6714	3.00224	50.005	50.004	50	22.88	0.317	0.019214	15502	-8.833	70.28	0.994
13.6974	3.00789	50.003	50	49.997	22.51	0.322	0.024191	15502	-8.487	69.084	0.994
13.6629	3.00167	50.004	49.996	49.994	22.34	0.307	0.045687	15502	-8.366	69.525	0.993
13.6794	3.00336	50.001	50	49.999	22.34	0.331	0.017563	15502	-8.569	84.708	0.993
13.671	3.00177	50.003	50.003	50.003	22.34	0.316	0.004501	15502	-8.853	89.736	0.993
13.6762	2.99723	50.001	50.001	50.001	22.54	0.328	0.024566	15502	-8.914	90.299	0.992
13.6865	3.0057	50.005	50.002	49.999	22.67	0.307	0.016054	15502	-8.975	90.352	0.992
13.6698	3.00525	49.991	49.996	49.993	22.34	0.315	0.030319	15502	-9.828	90.08	0.992
13.6428	2.99472	49.999	49.995	49.997	22.43	0.288	0.022455	15502	-11.698	89.519	0.99
13.6692	2.99974	49.999	50.001	50.002	22.49	0.319	0.028272	15502	-13.508	88.341	0.991
13.6593	3.00407	50.002	50.005	50.003	22.47	0.293	0.012317	15502	-12.023	89.279	0.99
13.6852	3.00576	50	49.997	49.996	22.39	0.324	0.023262	15502	-11.068	89.732	0.99
13.6565	3.00487	50.001	50	49.998	22.11	0.309	0.017229	15502	-9.666	89.856	0.99
13.6598	3.00277	50.001	49.996	49.997	21.32	0.312	0.01914	15502	-7.827	87.264	0.991
13.6916	3.00093	50.001	50.005	49.996	22.09	0.289	0.021264	15502	-6.376	81.469	0.988
13.6764	3.00606	50.001	50.004	50.005	22.47	0.303	0.023623	15502	-5.433	72.435	0.991
13.6433	2.99356	50.005	50.007	50	23.2	0.303	0.026243	15502	-6.092	78.219	0.99
13.6751	3.00468	49.996	50.008	50.005	23.77	0.291	0.029155	15502	-5.828	77.412	0.989
13.6573	2.99201	50.001	50.001	49.999	25.09	0.321	0.062404	15502	-6.336	76.926	0.988
13.674	3.01135	50.003	50	50.004	22.84	0.324	0.014111	15502	-6.498	79.609	0.987
13.6949	3.00787	49.999	49.999	50	22.99	0.32	0.02665	15502	-5.93	76.444	0.989

13.653	3.00037	50.005	49.997	50	22.78	0.3	0.010244	15502	-7.574	81.398	0.987
13.6861	3.00347	49.995	49.995	49.995	22.34	0.287	0.011381	15502	-8.833	85.89	0.988
13.6744	2.99585	50.001	50.003	50.001	22.86	0.302	0.008429	15502	-10.092	88.839	0.99
13.6515	2.99517	50	49.997	49.996	23	0.322	0.015919	15502	-10.905	89.475	0.991
13.6544	2.99447	49.994	50.003	49.997	22.87	0.297	0.020043	15502	-11.393	89.378	0.99
13.6764	2.99898	49.997	49.994	49.994	22.64	0.332	0.013098	15502	-11.84	89.254	0.991
13.6652	2.99709	49.999	50	50.002	22.39	0.319	0.016492	15502	-12.257	88.571	0.992
13.6711	2.99979	50.003	50	50	22.88	0.297	0.031146	15502	-12.654	88.177	0.992
13.6864	3.00996	50	49.993	49.997	22.8	0.32	0.039215	15502	-12.837	87.341	0.991
13.6801	3.00312	49.996	49.998	50	22.36	0.312	0.043566	15502	-12.186	87.823	0.991
13.6684	3.00625	50.003	50.002	50	22.36	0.332	0.01898	15502	-12.044	87.343	0.992
13.6376	2.99061	49.997	49.997	50	22.34	0.313	0.012403	15502	-11.901	87.613	0.992
13.6753	2.99891	49.997	49.996	49.995	22.36	0.324	0.015617	15502	-11.088	87.561	0.994
13.6569	2.99912	49.999	49.999	50	22.77	0.29	0.029494	15502	-10.458	89.18	0.993
13.6576	2.9952	49.998	50.003	50.003	22.41	0.33	0.007558	15502	-10.702	88.576	0.994
13.6869	3.00805	50	49.996	50.003	22.71	0.305	0.008397	15502	-10.001	87.362	0.994
13.6361	2.98722	49.994	50.004	49.998	23.03	0.32	0.026959	15502	-7.198	83.611	0.995
13.6757	3.00954	49.998	50	49.998	22.69	0.293	0.050916	15502	-5.707	80.863	0.993
13.6979	3.00913	49.999	50	49.998	26.47	0.288	0.033273	15502	-2.676	68.531	0.994
13.6723	3.00484	50	49.997	49.998	27.45	0.297	0.036965	15502	-2.746	68.948	0.994
13.6977	3.0108	50.001	50.002	49.995	27.14	0.297	0.041065	15502	-3.071	71.802	0.993
13.6599	2.99583	49.998	49.998	50	25.43	0.305	0.030414	15502	-2.828	70.414	0.992
13.6849	3.0068	50.002	49.998	49.996	25.11	0.305	0.05744	15502	-2.058	68.394	0.991
13.6836	3.00364	50.001	50.004	50.002	26.51	0.305	0.012989	15502	-1.592	66.944	0.992
13.6836	3.00362	50.002	50.003	50	23.35	0.288	0.008488	15502	-3.557	76.949	0.991
13.6716	3.00012	50	49.999	50.008	22.08	0.308	0.027252	15502	-4.551	82.675	0.992
13.6847	3.00108	50	50.001	50.006	22.34	0.291	0.030275	15502	-6.112	86.123	0.992
13.6643	3.00232	49.995	50.001	49.996	22.43	0.324	0.00604	15502	-6.721	88.198	0.993
13.6658	2.99338	50.001	49.997	49.995	22.92	0.298	0.012929	15502	-6.478	84.509	0.993
13.6956	3.01006	50.002	49.998	50	22.54	0.303	0.041511	15502	-6.853	85.953	0.992
13.6735	3.0021	49.994	50.002	49.998	22.39	0.329	0.008282	15502	-6.61	85.706	0.993
13.6722	2.99781	50	49.997	49.998	21.71	0.3	0.015642	15502	-6.508	86.514	0.99
13.7076	3.00287	49.999	50	50.009	22.43	0.309	0.029541	15502	-6.052	85.559	0.99
13.6658	3.00159	49.999	50	50.001	22.79	0.314	0.019305	15502	-6.965	86.273	0.99
13.6834	3.00625	50	50.003	50.001	22.41	0.292	0.036459	15502	-7.574	87.454	0.99
13.6705	2.99781	49.997	50	50	22.34	0.302	0.008244	15502	-7.939	88.309	0.991

13.6838	3.00935	50	50.003	50.001	22.68	0.307	0.01557	15502	-7.208	88.188	0.991
13.673	3.00068	50.002	49.997	49.999	21.7	0.32	0.017298	15502	-5.707	87.703	0.99
13.713	3.01195	49.998	49.989	49.991	22.34	0.301	0.003911	15502	-5.037	87.431	0.988
13.6692	2.99911	50	50.002	50.006	22.53	0.284	0.012558	15502	-4.632	87.167	0.99
13.6726	2.99931	49.995	49.998	49.996	22.21	0.292	0.007241	15502	-4.206	85.505	0.991
13.6671	2.9932	50	50.001	50.001	22.49	0.312	0.039522	15502	-3.557	82.522	0.99
13.6497	2.99598	50	50.003	50.001	21.69	0.297	0.043907	15502	-3.172	82.501	0.99
13.6395	2.99119	49.996	49.994	50.005	21.22	0.294	0.016878	15502	-2.584	81.38	0.988
13.6519	2.99706	50	49.996	49.998	20.28	0.322	0.031876	15502	-2.28	81.545	0.987
13.6594	2.99453	50.005	50.003	49.997	21.2	0.306	0.102343	15502	-2.341	82.797	0.988
13.6626	3.00399	50.001	49.994	50.003	22.33	0.289	0.023142	15502	-1.916	81.651	0.987
13.6446	2.99538	49.999	49.999	49.995	22.18	0.288	0.043706	15502	-2.362	82.922	0.99
13.6497	2.99857	50.003	50.001	50.007	22.33	0.303	0.009883	15502	-2.463	83.49	0.988
13.6765	3.00594	50	50.006	50.002	22.34	0.288	0.091701	15502	-2.98	84.04	0.991
13.6431	2.99355	50.003	49.999	50.003	22.4	0.317	0.020736	15502	-3.05	83.499	0.99
13.6363	3.00444	50.001	50.002	50.006	22.35	0.318	0.039162	15502	-3.04	83.111	0.988
13.6708	3.00273	50.007	50.002	50.013	21.77	0.307	0.073961	15502	-3.375	84.178	0.991
13.6733	3.00089	49.999	49.998	50.008	21.66	0.307	0.028431	15502	-3.76	84.64	0.987
13.7232	3.00842	49.997	50	49.999	22.5	0.297	0.091282	15502	-4.916	86.97	0.99
13.6847	3.00263	50	50	49.998	22.69	0.309	0.020641	15502	-5.575	88.605	0.991
13.6476	2.99294	50	49.993	49.999	22.52	0.305	0.007935	15502	-5.838	88.774	0.99
13.7196	3.0049	49.996	49.996	49.999	22.39	0.331	0.025475	15502	-6.62	90.352	0.99
13.6481	2.98904	49.997	50.004	49.999	22.33	0.3	0.016648	15502	-5.585	90.442	0.99
13.6583	2.99282	49.998	49.996	49.997	22.4	0.301	0.031441	15502	-4.327	89.719	0.99
13.6728	2.99639	49.997	50.002	50.001	21	0.306	0.020546	15502	-3.74	87.565	0.986
13.6566	2.99911	49.998	50.002	50.006	22.38	0.31	0.038804	15502	-3.709	87.637	0.99
13.6599	2.99338	49.999	50.007	50.006	22.34	0.322	0.043109	15502	-3.719	87.94	0.987
13.6421	2.98908	50	49.998	49.997	20.36	0.301	0.028172	15502	-3.496	87.546	0.99
13.684	3.00713	50.001	49.998	50.001	20.97	0.312	0.031297	15502	-3.05	86.432	0.988
13.6813	2.99406	50	50.001	49.996	20.87	0.314	0.012031	15502	-2.017	83.446	0.987
13.6649	2.99372	49.997	49.999	50.006	25.81	0.297	0.038627	15502	1.101	73.848	0.988
13.6559	2.99018	49.999	49.998	50	29.23	0.302	0.008734	15502	1.586	70.994	0.988
13.6884	3.00729	49.999	50.002	49.998	30.73	0.304	0.016496	15502	1.242	58.478	0.988
13.6571	2.99662	50.002	50.001	50.002	28.51	0.313	0.006341	15502	1.687	56.406	0.987
13.6782	3.00007	50.003	50.002	49.994	29.22	0.301	0.023073	15502	1.546	60.198	0.986
13.6905	3.00018	50.002	50	50	27.77	0.302	0.015078	15502	0.959	60.732	0.986

13.6569	2.99361	50.002	49.999	49.991	24.34	0.303	0.028477	15502	-0.559	71.17	0.986
13.7024	3.01119	50	49.996	49.995	20.86	0.305	0.01861	15502	-0.883	71.878	0.985
13.6567	2.99353	50	50	49.997	22.54	0.304	0.059749	15502	-1.247	74.138	0.985
13.6707	3.00276	50.003	49.998	49.999	22.32	0.3	0.022968	15502	-1.673	76.732	0.985
13.6403	2.99667	50.001	50.003	50.003	21.95	0.323	0.073741	15502	-2.321	81.51	0.984
13.6618	2.9957	50.001	50.011	50.006	22.29	0.32	0.04819	15502	-3.172	82.417	0.985
13.6612	2.99191	49.994	50	49.997	22.38	0.312	0.035691	15502	-3.841	81.837	0.983
13.6698	3.00132	50.002	49.999	50.001	21.98	0.325	0.023324	15502	-4.327	82.882	0.984
13.6746	2.99577	49.998	50.001	49.999	22.3	0.303	0.025911	15502	-4.287	80.6	0.981
13.6661	2.99571	50.001	49.998	50.001	22.36	0.317	0.048936	15502	-4.388	80.908	0.983
13.663	2.99914	50.005	49.999	49.999	22.34	0.287	0.104743	15502	-4.459	78.638	0.981
13.654	2.99959	50.002	49.998	50.003	22.41	0.318	0.023685	15502	-4.419	78.761	0.983
13.662	3.00067	49.997	50	49.999	22.36	0.304	0.026312	15502	-4.774	79.698	0.981
13.6505	2.99373	49.997	50	49.997	22.35	0.305	0.143615	15502	-4.216	77.614	0.981
13.6532	2.99773	49.999	50.006	50.005	22.32	0.293	0.093852	15502	-4.49	80.438	0.981
13.6514	2.99261	49.998	49.998	49.998	22.51	0.3	0.104264	15502	-4.307	80.302	0.983
13.6538	2.98579	49.999	49.997	49.997	20.97	0.289	0.013869	15502	-3.658	78.496	0.981
13.6527	3.00084	50	49.998	49.997	22.1	0.303	0.015407	15502	-1.916	73.779	0.981
13.6387	2.99523	49.998	50.001	50	23.71	0.305	0.017116	15502	-1.045	72.712	0.982
13.6846	3.00408	50.003	50.004	50.003	24.92	0.313	0.011185	15502	0.332	71.072	0.98
13.6673	3.00539	50.002	50	49.999	26.47	0.28	0.023942	15502	1.08	71.096	0.98
13.6693	3.00639	50.003	50	50.003	27.16	0.299	0.015646	15502	2.314	69.835	0.98
13.6979	3.00699	49.999	50	49.999	27.16	0.303	0.011588	15502	2.213	73.484	0.979
13.6756	2.99372	50.004	49.997	49.999	25.7	0.291	0.037204	15502	2.274	74.686	0.98
13.6697	3.00621	50	50.004	50.002	24.39	0.301	0.014301	15502	1.364	80.251	0.978
13.6909	3.00077	50.001	49.997	50	22.89	0.303	0.018006	15502	0.483	83.076	0.978
13.6503	2.9909	50	49.997	50.001	21.78	0.308	0.034007	15502	-0.842	87.167	0.978
13.6746	3.009	50.005	49.999	50.002	20.97	0.283	0.022223	15502	-1.642	89.96	0.978
13.6811	2.99681	50.008	50	50.003	20.31	0.285	0.024689	15502	-1.511	91.243	0.977
13.6679	2.99856	50.006	49.997	49.997	22.32	0.287	0.009491	15502	-2.098	91.38	0.979
13.6753	3.00038	49.999	49.988	49.998	20.32	0.3	0.034534	15502	-1.146	88.865	0.977
13.6644	2.99583	49.994	49.998	50	20.97	0.282	0.013275	15502	-0.994	86.427	0.977
13.651	3.00001	50.003	49.998	49.995	22.13	0.292	0.008675	15502	-1.106	84.501	0.978
13.666	2.99693	50	49.996	49.997	22.34	0.282	0.053663	15502	-0.802	83.323	0.977
13.6626	2.99785	49.999	50.001	50.002	20.59	0.319	0.020629	15502	-1.227	84.694	0.977
13.6632	2.99481	49.996	50.001	50.002	22.3	0.319	0.013481	15502	-1.754	86.827	0.977

13.6657	2.99313	49.999	49.995	50.004	20.55	0.292	0.02546	15502	-1.47	85.708	0.976
13.6631	2.99797	50.003	50.006	50.007	22.27	0.282	0.048083	15502	-1.207	84.345	0.977
13.6626	2.99747	50.002	50	50.001	22.34	0.282	0.012322	15502	-0.923	82.96	0.977
13.6796	3.00678	50.006	50.006	49.998	20.28	0.295	0.023272	15502	-0.357	80.728	0.975
13.6857	3.00216	50.001	49.997	50.001	21.19	0.303	0.013419	15502	1.586	75.446	0.975
13.7163	3.00395	50.004	50.003	49.999	24.64	0.302	0.016895	15502	3.305	73.96	0.977
13.692	3.0041	50.001	50.002	50.003	26.47	0.294	0.01877	15502	3.315	75.987	0.976
13.6473	2.9987	50	49.998	50.003	27.64	0.297	0.013901	15502	4.518	73.052	0.975
13.6788	3.00121	50.006	49.994	49.999	27.15	0.297	0.026254	15502	3.932	78.807	0.972
13.656	2.9999	49.997	50.002	49.998	26.06	0.292	0.011438	15502	3.538	81.566	0.972
13.6833	3.00828	50	49.999	49.999	25.11	0.273	0.012707	15502	3.366	82.815	0.972
13.6702	3.00118	50.002	49.998	49.995	25.09	0.279	0.040797	15502	3.608	88.246	0.97
13.6627	2.99523	50.009	50.002	50.001	23.7	0.299	0.051367	15502	3.123	93.878	0.97
13.6777	3.01137	50.003	50	49.997	22.73	0.302	0.011615	15502	3.062	94.298	0.969
13.6925	3.00075	49.998	49.999	50.003	22.91	0.298	0.037292	15502	3.73	94.568	0.97
13.6742	3.0016	49.999	50.004	49.996	23.16	0.302	0.014335	15502	5.225	91.976	0.967
13.6634	2.99476	49.995	50.003	50.004	23.72	0.287	0.010617	15502	5.174	93.723	0.968
13.6665	3.00178	50.001	49.998	49.999	23.03	0.278	0.011795	15502	3.992	93.84	0.969
13.6705	3.00445	49.996	49.997	50.002	21.65	0.282	0.022276	15502	2.335	92.779	0.971
13.6583	2.99708	50.002	49.998	49.996	20.28	0.294	0.014557	15502	1.455	91.892	0.97
13.6478	2.99221	49.997	50.001	49.997	21.6	0.3	0.005596	15502	0.757	91.424	0.973
13.6534	2.99538	50.002	49.999	49.999	20.99	0.318	0.020362	15502	0.139	87.097	0.976
13.6625	3.00601	50	49.999	50	22.08	0.301	0.022621	15502	-0.195	84.505	0.977
13.6837	3.00206	49.999	49.999	49.998	22.34	0.31	0.042723	15502	-0.336	84.997	0.977
13.6642	3.00971	50.002	49.994	49.995	22.33	0.299	0.009661	15502	-0.539	85.641	0.978
13.6575	2.99538	49.995	49.993	49.995	22.06	0.316	0.020678	15502	-0.923	85.003	0.98
13.6713	3.00231	50.001	49.997	49.995	21.42	0.285	0.020269	15502	-1.43	85.889	0.98
13.6838	2.99735	50.004	50.002	49.998	22.34	0.298	0.065076	15502	-2.24	86.871	0.98
13.6828	3.00068	50.002	49.996	49.999	21.62	0.324	0.008656	15502	-2.25	85.704	0.982
13.6844	3.00225	50.004	50.002	50.009	21.67	0.316	0.031497	15502	-1.896	82.814	0.983
13.6571	3.00415	50	49.993	49.975	21.73	0.307	0	15502	-1.653	81.106	0.985
13.662	2.99025	49.997	50.004	49.997	20.92	0.314	0.022999	15502	-1.713	77.101	0.984
13.6708	2.99691	49.998	50.001	50.005	21.64	0.318	0.02555	15502	-1.855	77.726	0.984
13.6587	2.99602	50.003	50.003	50	22.34	0.282	0.028385	15502	-1.865	77.96	0.983
13.673	3.00131	50	49.996	50.002	22.07	0.318	0.053607	15502	-2.179	79.962	0.985
13.6734	3.00543	50.009	50.005	50.006	22.22	0.316	0.035032	15502	-2.098	73.082	0.986

13.663	3.00321	50.009	49.994	49.994	21.92	0.304	0.007922	15502	-2.159	73.411	0.985
13.6752	3.00276	49.996	49.998	49.996	22.11	0.285	0.025433	15502	-2.412	75.454	0.986
13.6585	3.00281	50	49.999	49.997	22.34	0.318	0.028255	15502	-2.037	74.985	0.988
13.6831	3.00624	50.001	50.002	50.002	21.63	0.326	0.010861	15502	-2.037	77.615	0.988
13.6686	3.00051	50.002	50.001	49.997	21.21	0.297	0.020513	15502	-2.017	79.292	0.988
13.6576	3.00166	49.997	49.993	49.994	22.29	0.299	0.007885	15502	-2.159	74.574	0.99
13.6825	3.0022	50.001	49.996	50.002	22.41	0.305	0.009928	15502	-2.26	74.335	0.99
13.6392	2.98875	49.995	50.005	50.001	22.35	0.323	0.006488	15502	-2.351	72.785	0.99
13.6539	2.99479	49.997	50.003	49.998	22.34	0.297	0.012253	15502	-2.716	75.486	0.99
13.6533	3.00449	50	49.994	49.998	22.36	0.313	0.023141	15502	-2.848	71.651	0.991
13.7302	3.01889	49.996	49.997	50	22	0.314	0.008896	15502	-2.817	72.419	0.988
13.7198	3.01604	49.994	50.002	49.998	22.13	0.295	0.006588	15502	-3	78.651	0.987
13.6497	2.99485	50	50	50.006	22.42	0.293	0.021153	15502	-3.03	80.127	0.988
13.6602	2.99551	50.003	50.004	50.014	22.33	0.306	0.0235	15502	-2.777	70.748	0.99
13.6813	2.99764	50.01	50	50.006	21.77	0.323	0.017405	15502	-2.777	71.788	0.991
13.6808	2.99812	49.998	50.007	50.007	22.32	0.305	0.019336	15502	-2.817	66.378	0.991
13.6531	3.00188	49.996	50.002	50.001	21.81	0.316	0.012636	15502	-2.129	67.925	0.99
13.6413	2.99318	50.006	50.011	50.008	22.51	0.304	0.014038	15502	-1.096	59.562	0.991
13.6503	2.99661	50	50	49.999	23.17	0.308	0.015595	15502	-0.468	58.34	0.99
13.636	2.98863	49.999	49.999	50.001	24.52	0.289	0.050069	15502	0.413	59.427	0.99
13.6547	2.99395	50.004	49.995	50.003	25.25	0.301	0.037083	15502	1.465	60.68	0.987
13.6911	3.00335	49.993	50.002	50	25.54	0.312	0.009503	15502	2.304	62.058	0.983
13.6669	2.99724	49.995	50.003	50.002	27.09	0.291	0.030512	15502	2.951	61.399	0.984
13.6934	3.00034	49.999	50	49.995	26.1	0.305	0.033897	15502	2.324	66.261	0.983
13.684	2.99243	50	49.998	50.003	22.98	0.31	0.014768	15502	1.819	70.223	0.979
13.6762	3.00207	50.001	50.004	50	21.19	0.316	0.047413	15502	1.647	74.283	0.979
13.6698	2.99761	50.002	49.996	50.001	20.72	0.3	0.052673	15502	1.404	75.139	0.978
13.6853	3.00659	50.001	50.003	49.999	20.28	0.304	0.034422	15502	1.283	77.572	0.98
13.6737	3.00469	50	49.998	50	22.3	0.293	0.03824	15502	1.445	75.294	0.978
13.6776	2.99957	50.002	50.002	50.005	22.29	0.289	0.02499	15502	1.424	75.946	0.977
13.6707	3.00249	49.997	50.003	49.998	20.61	0.29	0.016331	15502	1.576	77.065	0.977
13.6503	2.9885	49.998	49.999	49.998	20.3	0.296	0.010672	15502	1.323	78.65	0.975
13.6544	2.99546	50	50.004	49.999	21.78	0.291	0.013437	15502	0.908	80.354	0.973
13.6809	3.00611	50.002	49.996	49.997	20.29	0.298	0.008781	15502	1.101	79.751	0.972
13.6671	3.00467	50.001	49.996	49.996	20.96	0.281	0.016584	15502	0.534	83.29	0.972
13.701	3.01514	49.996	49.999	49.998	21.03	0.282	0.012282	15502	0.291	85.158	0.972

13.7263	3.01525	50.003	50.001	49.999	21.04	0.297	0.023196	15502	0.534	84.994	0.972
13.6796	3.00193	50	50	49.991	20.97	0.28	0.02577	15502	-0.174	87.656	0.971
13.6953	3.00101	49.997	49.995	49.995	20.77	0.295	0.009906	15502	-0.539	88.524	0.97
13.6571	2.99744	50.001	49.999	49.996	20.48	0.278	0.018709	15502	0.858	85.206	0.972
13.6554	2.99391	49.997	50.004	49.999	20.87	0.295	0.004795	15502	2.375	80.809	0.971
13.6605	3.00261	50.002	50	50.004	22.45	0.278	0.009055	15502	2.8	79.502	0.972
13.6861	3.00319	49.997	50	50	23.15	0.282	0.011401	15502	3.447	78.584	0.972
13.6559	2.99128	50.002	49.996	49.991	23.62	0.298	0.00745	15502	3.477	78.081	0.972
13.6548	3.00118	50	50.003	50.006	23.23	0.3	0.005518	15502	3.831	77.462	0.97
13.6676	2.99652	49.998	49.999	49.999	23.38	0.304	0.010421	15502	4.073	77.732	0.971
13.6788	3.00428	50.002	50.005	49.999	23.04	0.297	0.00681	15502	3.952	78.763	0.973
13.6515	2.99881	50.001	50.001	49.997	22.45	0.301	0.021865	15502	3.507	79.733	0.972
13.6655	2.99241	49.997	50	49.998	21.84	0.299	0.016194	15502	2.86	82.763	0.974
13.6825	3.0008	50.002	49.998	50.002	21.64	0.278	0.010583	15502	2.284	84.632	0.973
13.6712	3.00097	49.996	50	49.999	21.96	0.299	0.007838	15502	2.102	80.094	0.976
13.6509	3.00244	50.005	50.001	49.999	22.34	0.297	0.008707	15502	1.687	79.344	0.976
13.6806	3.00126	50	50.001	49.998	21.99	0.298	0.016445	15502	0.736	74.313	0.977
13.707	3.00919	50	49.994	50.002	20.97	0.282	0.006322	15502	0.19	73.732	0.976
13.6674	3.00466	49.995	50	49.999	20.7	0.28	0.011939	15502	-0.134	73.073	0.976
13.6638	2.99473	49.998	50.001	49.999	20.35	0.277	0.038331	15502	-0.62	71.533	0.976
13.659	2.99649	50.002	50.004	49.999	20.25	0.298	0.025049	15502	-0.944	72.831	0.978
13.6874	3.00495	50.002	50.003	50.001	21.13	0.293	0.009629	15502	-1.106	69.523	0.977
13.6725	3.0031	50	50.001	50	22.02	0.321	0.030916	15502	-2.118	67.489	0.98
13.6646	3.00763	50	50	50.008	22.25	0.288	0.020203	15502	-2.453	71.83	0.98
13.6627	3.00145	50.002	49.995	50.002	21.75	0.303	0.038156	15502	-3.658	73.412	0.98
13.6891	2.99734	50.004	49.998	49.997	22.55	0.288	0.014667	15502	-4.966	80.236	0.98
13.6454	2.99286	50.003	49.998	50.001	21.74	0.311	0.016295	15502	-5.788	81.742	0.98
13.6263	2.99589	50.002	49.999	50.009	22.39	0.307	0.010649	15502	-4.855	76.498	0.982
13.6639	3.00113	50.003	50.002	49.998	22.35	0.312	0.006959	15502	-3.02	67.777	0.982
13.6689	2.99524	50.005	50	49.997	22.97	0.307	0.033513	15502	-1.126	61.251	0.981
13.6426	2.99385	50	50.002	50.001	25.82	0.299	0.0146	15502	-0.832	60.894	0.982
13.6814	2.99461	50.001	50.004	50.004	24.4	0.298	0	15502	-0.012	60.431	0.982
13.6671	2.99945	49.998	49.999	50	25.81	0.298	0.020144	15502	1.708	58.749	0.981
13.657	2.99984	50.003	50.002	50.001	26.93	0.298	0.038044	15502	1.748	58.196	0.978
13.6567	3.00283	50.001	50	49.999	28.68	0.294	0.028177	15502	3.447	54.465	0.98
13.6775	3.00898	50.006	49.999	50.002	29.43	0.299	0.018413	15502	2.668	58.709	0.977

13.6995	3.0035	49.998	50.001	49.999	26.22	0.307	0.034776	15502	2.537	66.221	0.977
13.6803	3.00978	50.004	50	50.001	23.74	0.289	0.065677	15502	2.395	68.062	0.975
13.7024	3.01404	50.007	50.008	50.004	22.62	0.318	0.072964	15502	2.274	75.74	0.973
13.6391	2.99068	49.998	49.999	49.998	21.66	0.287	0.047681	15502	2.335	77.471	0.973
13.6516	3.00756	50.001	49.999	49.999	20.97	0.302	0.052971	15502	2.415	78.824	0.972
13.6472	3.00733	50.001	50.002	50.001	20.96	0.3	0.058848	15502	2.335	81.101	0.971
13.6605	3.00182	50.002	49.996	49.998	20.75	0.306	0.065377	15502	2.597	80.231	0.971
13.655	2.99353	50.002	50.006	50.003	20.97	0.298	0.016754	15502	3.184	79.612	0.971
13.6551	2.99946	50.002	49.999	50.002	21.47	0.302	0.053792	15502	4.013	79.516	0.97
13.6353	2.99008	50	49.999	50.002	21.95	0.312	0.035153	15502	3.487	81.945	0.969
13.6875	2.9995	49.998	50.006	49.999	21.74	0.287	0.007949	15502	3.447	83.97	0.969
13.666	2.99779	50.004	50	49.996	21.88	0.305	0.017014	15502	3.123	86.032	0.97
13.6771	3.00334	50.002	50.009	50	21.8	0.312	0.032132	15502	2.961	86.344	0.969
13.6899	2.9996	50.002	50.006	50.001	21.87	0.302	0.17538	15502	2.284	87.734	0.97
13.6719	2.99651	50.003	50.004	50.002	21.65	0.287	0.023328	15502	1.121	90.723	0.969
13.6646	3.00014	50	50.001	50	21.76	0.309	0.015245	15502	1.708	90.238	0.97
13.6664	3.00296	50.001	50.001	49.998	23.04	0.287	0.011291	15502	2.254	88.962	0.97
13.6693	3.00199	49.998	49.999	50.004	25.76	0.285	0.021323	15502	4.932	79.293	0.97
13.6746	3.00417	50.003	49.997	50.001	28.54	0.275	0.00929	15502	6.174	74.656	0.971
13.6868	3.00112	49.999	50.004	50	31.97	0.306	0.006071	15502	7.728	70.761	0.972
13.6742	2.99535	50.004	50.003	49.998	33.57	0.283	0.011465	15502	7.789	72.071	0.972
13.6753	2.99777	50.003	50.001	50	33.32	0.286	0.021654	15502	8.697	68.189	0.972
13.6689	2.9995	50	49.999	50.001	33.32	0.275	0.027264	15502	8.626	67.476	0.971
13.7113	3.0135	49.998	49.997	50.002	32.72	0.288	0.05149	15502	8.132	70.683	0.972
13.6739	3.00316	50.009	49.997	50.001	30.5	0.298	0.038135	15502	5.497	78.915	0.972
13.689	3.00625	49.995	50.001	50.002	27.83	0.298	0.024921	15502	3.467	84.088	0.97
13.6615	3.00025	49.995	50.009	50	26.47	0.298	0.018457	15502	2.961	86.102	0.973
13.6917	2.99815	50.003	50.005	50.002	25.12	0.313	0.012062	15502	2.557	86.587	0.972
13.6657	2.9943	49.998	49.996	50.001	25.08	0.297	0.043889	15502	2.638	86.982	0.972
13.6581	3.0015	49.996	50.002	49.996	25.09	0.274	0.028681	15502	3.083	87.72	0.97
13.6565	3.00461	50.002	49.995	49.998	25.09	0.299	0.012495	15502	2.517	88.903	0.97
13.6885	3.00312	49.999	50.001	49.998	24.4	0.293	0.015733	15502	2.699	90.585	0.969
13.6699	2.99546	50	50.003	49.997	24.31	0.277	0.017478	15502	2.577	92.198	0.968
13.6693	3.00359	49.997	49.997	50.001	24.4	0.299	0.011422	15502	3.143	91.534	0.969
13.6402	2.99681	50.001	49.996	50.001	24.49	0.283	0.024447	15502	3.426	92.308	0.967
13.6833	3.00753	50.005	50	49.998	24.46	0.305	0.009398	15502	2.426	92.562	0.968

13.6869	3.00418	50.004	50	50	24.58	0.291	0.01044	15502	2.335	92.759	0.966
13.6465	2.9941	50	50.004	50	25.09	0.297	0.064582	15502	5.629	96.248	0.968
13.6815	3.00494	49.998	50.003	50	25.83	0.291	0.042204	15502	7.627	93.721	0.968
13.6546	2.99337	49.999	50.01	49.999	26.47	0.292	0.031257	15502	7.244	93.76	0.967
13.6811	3.00467	50.002	49.998	49.996	27.47	0.302	0.034725	15502	7.426	93.147	0.966
13.6801	3.00734	50.001	49.998	50	28.51	0.3	0.008899	15502	8.213	92.332	0.966
13.6886	3.00271	49.999	50.001	50	29.22	0.275	0.019048	15502	9.524	89.961	0.967
13.6516	3.00047	50.003	49.999	50.003	29.89	0.285	0.008298	15502	9.362	89.81	0.967
13.6946	3.00135	50	49.997	50.002	30	0.271	0.006146	15502	8.878	88.763	0.967
13.7028	3.01528	50.001	49.995	49.995	29.91	0.289	0.011607	15502	8.475	86.417	0.967
13.6463	2.99103	50	49.997	49.995	27.79	0.31	0.008597	15502	6.113	90.396	0.968
13.6573	2.99093	50.003	50	50.001	25.13	0.299	0.016236	15502	4.942	91.039	0.971
13.659	2.9978	49.999	49.994	49.996	24.07	0.304	0.012025	15502	4.487	91.273	0.972
13.641	2.99498	49.995	50.001	49.998	23.17	0.294	0.013359	15502	4.114	91.048	0.973
13.6692	2.99759	49.998	50	49.999	22.39	0.291	0.014841	15502	2.921	91.597	0.972
13.6555	2.99753	50.005	49.999	49.994	21.75	0.276	0.010992	15502	1.505	92.91	0.973
13.6734	2.99941	49.998	49.999	50	21.02	0.284	0.007183	15502	1.485	93.144	0.976
13.6702	3.01226	50.002	50.002	50.002	20.82	0.279	0.013566	15502	2.062	92.182	0.975
13.6562	2.99998	50	49.995	49.999	20.28	0.298	0.015071	15502	1.718	90.37	0.977
13.6751	3.00067	49.997	50.003	50.004	19.98	0.293	0.018975	15502	0.898	91.579	0.976
13.6662	3.00384	50.001	49.997	50.002	21.02	0.302	0.035837	15502	0.514	91.555	0.978
13.6798	3.0044	50.002	49.999	50.002	22.39	0.293	0.039812	15502	0.15	92.157	0.98
13.6859	3.00362	49.998	49.996	50.008	21.01	0.321	0.050126	15502	-0.296	92.491	0.978
13.6842	3.00275	50	50	50.013	21.16	0.304	0.032757	15502	-1.774	93.096	0.978
13.6817	2.99741	49.999	50.001	49.999	20.51	0.317	0.007407	15502	-1.825	94.291	0.978
13.664	3.00306	49.997	49.995	49.998	22.23	0.306	0.023782	15502	-1.622	94.672	0.979
13.7111	3.00469	49.998	49.999	50	22.35	0.322	0.015541	15502	-1.744	94.58	0.98
13.6809	3.0025	50.003	49.999	49.996	20.53	0.306	0.017265	15502	-1.308	94.875	0.98
13.6981	3.00442	50.001	50.001	50.001	22.93	0.321	0.021738	15502	0.494	92.551	0.982
13.6747	2.99886	49.999	50	49.999	23.71	0.284	0.014206	15502	3.052	86.869	0.983
13.6748	2.9987	50.001	50.004	50.002	28.96	0.316	0.026829	15502	4.316	83.383	0.985
13.6745	3.00702	49.999	50	50	27.44	0.321	0.011689	15502	0.878	93.034	0.984
13.654	2.99746	50.002	50.001	50.002	26.47	0.307	0.014717	15502	1.708	91.84	0.984
13.6363	2.99252	49.996	50.003	49.998	26.39	0.292	0.009617	15502	1.384	93.198	0.983
13.6653	3.00008	50	50.001	50.005	25.75	0.295	0.034994	15502	1.708	92.183	0.983
13.6829	3.00548	50.001	50.006	49.999	24.83	0.3	0.013452	15502	1.323	92.783	0.983

13.6923	3.00415	50.004	50.001	50.004	23.83	0.318	0.016937	15502	0.696	93.398	0.984
13.6359	2.99435	49.996	50.003	50.001	23.05	0.285	0.031988	15502	0.372	94.148	0.985
13.6308	2.9887	49.998	49.997	49.999	22.61	0.303	0.012296	15502	-0.741	94.352	0.983
13.6376	2.99708	50.004	50.001	49.995	21.51	0.295	0.023223	15502	-1.551	95.52	0.984
13.6932	2.99942	49.999	50	50.007	20.9	0.302	0.025799	15502	-1.734	95.876	0.983
13.6708	3.0053	49.993	49.999	50	20.73	0.31	0.048725	15502	-1.825	96.032	0.983
13.6517	2.99878	49.999	50.006	50.007	20.46	0.304	0.01873	15502	-1.551	96.078	0.985
13.6757	2.99872	50.006	49.995	49.997	20.48	0.31	0.020808	15502	-1.349	96.156	0.984
13.6843	3.00677	49.997	50.001	49.999	20.67	0.318	0.020397	15502	-0.853	96.246	0.984
13.6537	2.99721	49.996	50	50.005	21.02	0.302	0.038522	15502	-0.498	96.276	0.984
13.6684	3.00303	49.999	50	49.997	21.67	0.315	0.025174	15502	0.058	96.364	0.983
13.6784	3.00078	50.004	49.997	50.003	21.79	0.314	0.018644	15502	0.615	96.339	0.982
13.6608	2.9911	49.998	49.999	50.001	20.95	0.309	0.012184	15502	1.06	95.558	0.982
13.652	3.00334	50.001	49.996	49.995	20.52	0.304	0.015341	15502	1.627	91.289	0.981
13.6997	2.99775	49.999	50.001	49.999	20.57	0.294	0.028972	15502	2.082	89.338	0.978
13.6524	2.99142	49.997	50.003	49.995	20.41	0.319	0.011137	15502	2.335	88.58	0.977
13.6628	3.00254	49.999	50	50.004	21	0.291	0.035757	15502	3.244	86.852	0.976
13.6451	2.99605	49.999	50.001	50	20.97	0.303	0.076536	15502	2.971	89.95	0.975
13.6548	2.99102	50.006	49.994	49.995	20.97	0.305	0.017306	15502	3.416	91.895	0.972
13.6461	2.99727	50.001	49.998	50.005	20.75	0.284	0.032685	15502	3.234	92.824	0.971
13.6665	3.00583	49.999	50.004	49.997	20.46	0.294	0.024207	15502	2.8	94.933	0.968
13.6787	3.00255	49.998	50.001	49.998	20.28	0.288	0.009306	15502	2.921	96.017	0.968
13.655	2.99165	49.996	49.997	49.996	20.65	0.292	0.011716	15502	3.386	95.938	0.966
13.6586	2.99675	49.998	50.001	49.995	20.98	0.277	0.022127	15502	3.527	96.037	0.965
13.6554	2.99478	49.998	50.001	49.998	21.68	0.306	0.008506	15502	3.356	96.065	0.965
13.67	3.00729	50.001	50.003	50.003	22.24	0.294	0.0063	15502	3.244	96.264	0.964
13.6661	2.9982	50	49.999	49.997	22.34	0.3	0.011898	15502	3.083	96.372	0.964
13.702	3.00674	49.999	49.998	50.001	22.52	0.31	0.02247	15502	3.113	96.496	0.964
13.6811	2.996	49.997	50	50.002	23.03	0.313	0.014684	15502	2.941	96.522	0.966
13.675	3.00936	50	50.002	49.999	23.72	0.293	0.009596	15502	2.719	96.534	0.964
13.6981	3.00259	50.002	50	50.001	24.4	0.276	0.004181	15502	2.699	96.643	0.964
13.6453	2.99908	50	50.001	49.999	24.46	0.303	0.004644	15502	2.496	96.964	0.966
13.6418	2.99353	49.998	50	50.001	24.39	0.299	0.008772	15502	2.719	97.219	0.965
13.6821	2.99864	49.998	50.001	49.999	24.4	0.277	0.009745	15502	2.901	97.272	0.965
13.6784	3.00459	49.997	49.998	49.999	23.49	0.302	0.012269	15502	2.769	97.422	0.964
13.6756	3.00192	49.999	50.002	50	22.35	0.278	0.01363	15502	2.426	97.509	0.965

13.6584	2.99675	49.999	50.007	50.001	21.63	0.297	0.015143	15502	2.173	96.907	0.965
13.6563	2.99905	50.001	49.999	49.998	21.15	0.302	0.016822	15502	2.729	87.762	0.965
13.695	3.00311	49.997	50.007	49.996	21.04	0.289	0.012459	15502	2.577	84.612	0.966
13.6374	2.99293	49.999	50.002	50.002	21	0.301	0.013841	15502	2.557	85.782	0.968
13.6604	2.99982	49.998	49.999	50.002	21.76	0.305	0.026141	15502	3.012	85.652	0.967
13.6481	3.00687	49.998	50.001	50.002	21.63	0.297	0.017083	15502	2.941	88.588	0.969
13.6704	2.99857	49.998	50.001	49.998	21.78	0.304	0.018978	15502	2.688	88.99	0.97
13.6706	3.00634	49.997	50	50.002	21.15	0.309	0.023895	15502	1.809	87.591	0.971
13.6755	3.00628	50.004	49.999	50.001	20.36	0.291	0.045128	15502	1.384	85.971	0.972
13.6971	3.00023	49.996	50.01	50.001	21.93	0.291	0.017348	15502	0.757	85.922	0.972
13.6721	3.00083	50.001	49.998	50.005	20.98	0.293	0.037131	15502	-0.488	86.189	0.976
13.6871	3.00396	50.007	49.998	49.997	21.14	0.297	0.070126	15502	-0.66	84.019	0.977
13.6694	3.0027	49.998	50.001	50.005	21.55	0.285	0.045827	15502	-1.207	82.38	0.979
13.6622	2.99494	50.001	49.995	50.001	22.34	0.318	0.029948	15502	-1.602	81.678	0.98
13.6866	3.00683	50.001	49.998	50.012	22.11	0.32	0.056559	15502	-2.24	82.665	0.981
13.6814	2.999	49.997	49.997	49.997	21.69	0.299	0.036961	15502	-2.544	82.657	0.981
13.6391	2.99224	50.004	50	49.995	22.34	0.326	0.014208	15502	-2.686	82.269	0.983
13.6528	3.00393	50	50.002	50	22.4	0.319	0.017889	15502	-2.909	80.314	0.984
13.6819	3.00753	50	49.999	49.996	22.37	0.33	0.019874	15502	-3.486	80.697	0.986
13.6644	2.99515	50.002	49.997	49.997	22.39	0.286	0.00764	15502	-4.429	78.873	0.986
13.6704	2.99683	49.998	49.999	50	22.34	0.312	0.014428	15502	-4.834	79.256	0.987
13.6479	2.99014	50.005	49.998	49.997	22.7	0.313	0.009429	15502	-5.088	79.468	0.985
13.6885	3.00039	50	50.001	50.003	22.34	0.293	0.020182	15502	-5.676	78.699	0.987
13.6763	3.00274	49.997	49.992	49.995	22.33	0.302	0.022421	15502	-6.295	79.187	0.986
13.6721	2.99917	50.001	50.002	50.006	22.34	0.295	0.024908	15502	-6.681	82.002	0.988
13.6422	2.99145	50.003	50	50.004	22.47	0.326	0.016277	15502	-7.026	82.867	0.989
13.6561	2.99538	50.002	49.999	49.999	22.78	0.307	0.010637	15502	-7.269	85.371	0.987
13.6747	3.00065	50	49.998	50.01	22.51	0.314	0.011817	15502	-6.782	83.948	0.988
13.6782	2.99776	50	49.997	49.994	22.31	0.293	0.037941	15502	-5.615	79.592	0.99
13.7128	3.01336	49.999	50.001	50.005	21.68	0.298	0.024794	15502	-4.287	73.544	0.988
13.6769	2.99593	50.002	50.004	50	23	0.313	0.027545	15502	-3.091	64.4	0.991
13.6769	3.00088	50.005	50.002	49.998	23.7	0.313	0.018	15502	-1.794	62.992	0.987
13.6313	2.98941	49.999	49.998	50.005	24.4	0.287	0.019997	15502	-1.035	64.059	0.988
13.7175	3.01129	50	49.998	50.003	25.51	0.3	0.022216	15502	-0.154	60.105	0.99
13.658	2.99547	49.996	49.996	49.999	27.18	0.308	0.014518	15502	0.332	58.163	0.991
13.6425	2.9977	50.001	49.996	49.998	27.84	0.302	0.010752	15502	0.595	61.167	0.991

13.6659	3.00307	50.002	50.001	49.998	24.41	0.297	0.034522	15502	0.332	66.629	0.99
13.6743	3.00631	49.996	49.999	49.995	22.08	0.323	0.038352	15502	0.23	70.901	0.99
13.6465	2.98889	50.002	49.999	50.002	20.97	0.298	0.042607	15502	0.19	72.271	0.991
13.6723	2.99734	50.003	50.01	50.002	21.1	0.312	0.031556	15502	-0.093	74.484	0.989
13.6369	2.98913	50.004	50.002	50	20.92	0.31	0.035057	15502	-0.134	78.182	0.99
13.6511	2.98565	49.998	49.995	49.999	20.37	0.316	0.020214	15502	-0.093	80.054	0.987
13.6655	3.00819	49.999	49.998	50.007	20.95	0.306	0.01321	15502	-0.276	79.989	0.99
13.6579	2.99527	49.999	49.998	49.999	22.48	0.305	0.042412	15502	-0.448	80.386	0.99
13.676	3.00523	50.003	50.004	50.005	20.92	0.286	0.016303	15502	-0.417	78.704	0.99
13.6706	3.00453	50.003	50.004	50.001	21.07	0.327	0.030791	15502	-0.296	78.169	0.99
13.6623	3.00119	50	50.002	49.996	22.25	0.323	0.020122	15502	-1.085	84.767	0.99
13.6788	2.99746	50.001	49.997	49.997	22.34	0.316	0.064603	15502	-1.774	86.484	0.991
13.7232	3.00924	50.002	50.001	49.998	22.34	0.29	0.014608	15502	-1.794	87.698	0.991
13.6676	3.00124	50.001	49.999	50.001	22.46	0.322	0.018393	15502	-1.855	85.867	0.993
13.6437	2.99251	50.003	50.004	49.995	21.28	0.307	0.034737	15502	-2.21	83.133	0.994
13.6821	3.00235	49.996	49.991	50	22.34	0.29	0.0227	15502	-2.443	81.749	0.993
13.6444	2.99192	49.998	49.997	49.999	22	0.309	0.025219	15502	-2.382	81.5	0.995
13.7007	3.00646	50	49.997	49.997	20.97	0.312	0.031752	15502	-1.956	80.378	0.993
13.6793	3.00307	50	50.003	50.008	20.67	0.314	0.035275	15502	-2.017	79.908	0.994
13.6764	3.0012	50.004	50.002	50.002	20.94	0.31	0.039188	15502	-1.936	80.496	0.994
13.7009	3.0148	50.004	49.994	49.997	20.97	0.295	0.025609	15502	-2.037	79.857	0.993
13.6828	2.99775	49.999	50.003	50.003	21.04	0.318	0.032244	15502	-1.146	75.609	0.994
13.6654	2.99847	50	50.003	49.999	22.35	0.305	0.021071	15502	-1.187	76.792	0.993
13.6585	2.9977	50.002	49.999	50.002	21.66	0.294	0.039795	15502	-0.883	76.288	0.993
13.693	3.00057	50.001	50.002	50.006	20.97	0.299	0.04421	15502	-0.964	77.949	0.993
13.6622	3.00502	49.999	50.004	50	20.87	0.298	0.028891	15502	-1.237	79.905	0.992
13.6596	3.00426	49.998	50.001	50.001	20.53	0.321	0.021397	15502	-1.268	82.119	0.995
13.677	3.00622	49.997	50.002	49.995	20.96	0.309	0.040411	15502	-1.45	80.039	0.992
13.6563	2.9928	50.002	50.004	50.003	22.66	0.31	0.026409	15502	-2.625	85.609	0.993
13.6874	3.00952	50	49.998	50.004	22.07	0.324	0.029338	15502	-4.003	90.463	0.991
13.6734	2.99903	49.998	49.999	49.993	21.92	0.313	0.019173	15502	-4.084	91.733	0.992
13.6744	3.00761	50.002	49.998	49.989	22.24	0.322	0.0213	15502	-3.294	90.318	0.991
13.684	3.0041	50	50.002	50.008	22	0.298	0.04559	15502	-2.787	88.35	0.99
13.6739	3.00299	49.998	49.994	50.001	22.38	0.321	0.050648	15502	-2.605	87.82	0.991
13.6699	3.00625	49.998	50.009	50.006	21.56	0.318	0.011453	15502	-2.848	87.839	0.988
13.6747	3.00377	50.003	50.001	50.002	22.34	0.317	0.01442	15502	-2.807	88.344	0.991

13.6525	2.9909	50.002	50.001	50.006	21.75	0.3	0.027233	15502	-2.909	87.72	0.991
13.6501	2.98958	50.002	49.999	50.007	22.13	0.286	0.051432	15502	-3.294	90.557	0.991
13.654	2.99265	50	50.003	50.003	22.48	0.309	0.057138	15502	-3.598	92.004	0.991
13.6654	2.99553	49.997	49.995	49.999	22.14	0.329	0.024893	15502	-2.28	87.655	0.991
13.7272	3.00987	50.001	49.995	50	22.38	0.294	0.070519	15502	0.392	80.323	0.991
13.6947	3.0027	50.002	50	50	25.79	0.307	0.052229	15502	1.869	75.678	0.991
13.6748	2.99294	50.003	50.004	50.003	27.84	0.294	0.01181	15502	3.487	73.473	0.991
13.6797	3.00157	49.996	49.995	50.002	29.23	0.285	0.008747	15502	4.629	67.11	0.992
13.639	2.99586	49.998	49.996	50.004	29.91	0.307	0.028083	15502	5.77	66.521	0.987
13.6492	2.99132	49.999	49.999	49.998	30.6	0.288	0.018352	15502	5.649	63.541	0.99
13.6917	3.00611	50.001	50.001	50.004	31.22	0.291	0.020388	15502	7.153	59.067	0.989
13.652	2.99761	50.001	50	49.995	32.34	0.302	0.0151	15502	7.204	58.56	0.987
13.6466	2.99857	50.001	49.998	49.996	30.61	0.304	0.028518	15502	6.043	60.385	0.988
13.641	2.99268	50.001	49.995	49.997	26.45	0.314	0.018636	15502	1.606	80.19	0.985
13.6786	3.00259	50.001	49.997	49.997	23.33	0.298	0.03989	15502	-0.235	86.599	0.985
13.6731	3.00822	50.008	49.999	49.998	21.71	0.316	0.026068	15502	-1.116	90.507	0.985
13.6611	3.00251	49.998	49.997	50.004	20.6	0.309	0.049231	15502	-1.632	92.042	0.984
13.6938	3.00841	49.995	50.002	50	21.64	0.315	0.032172	15502	-2.098	93.237	0.984
13.6773	2.99948	49.999	49.998	50.006	20.83	0.322	0.021025	15502	0.999	88.614	0.983
13.6622	2.99395	50.001	50.008	50	20.99	0.314	0.008082	15502	1.242	84.994	0.981
13.7118	3.00861	49.997	49.999	49.997	21.42	0.288	0.029408	15502	0.797	87.247	0.983
13.6646	2.99772	50.003	50	50	22.02	0.304	0.05554	15502	2.254	85.464	0.98
13.6673	3.00654	50.005	50.002	49.999	21.97	0.299	0.036295	15502	2.769	78.809	0.98
13.6722	3.00205	50.004	49.997	50.001	22.14	0.312	0.040322	15502	3.436	76.745	0.979
13.6886	3.00132	49.999	49.999	49.998	22.25	0.31	0.010333	15502	3.255	78.391	0.978
13.6731	3.00475	49.999	50.003	50.001	22.32	0.288	0.019516	15502	3.335	78.554	0.977
13.6786	3.00399	49.997	50.003	49.997	22.25	0.302	0.012753	15502	3.315	77.494	0.976
13.6771	3.00086	49.997	50.006	50.001	22.3	0.279	0.014168	15502	3.345	77.789	0.975
13.6669	3.00162	50.001	49.998	50	23.7	0.3	0.010493	15502	4.79	73.413	0.976
13.6911	3.00035	49.996	49.999	49.999	26.24	0.282	0.019818	15502	5.467	69.93	0.976
13.6484	2.9877	50.013	50	50.004	27.05	0.282	0.008634	15502	6.063	67.911	0.976
13.7286	3.00943	49.997	50.003	50.002	27.89	0.278	0.02772	15502	6.366	66.711	0.976
13.6671	3.00235	49.996	50.003	49.996	27.84	0.289	0.012077	15502	6.406	68.612	0.975
13.7113	3.0083	50.001	49.999	49.998	27.21	0.295	0.007892	15502	6.548	70.399	0.975
13.6452	2.9881	49.997	50	50.008	28.53	0.295	0.028717	15502	7.496	66.864	0.976
13.6735	2.99856	50	49.998	49.999	29.91	0.302	0.021269	15502	7.829	60.793	0.976

13.6844	3.00271	50.002	49.994	49.999	28.53	0.283	0.004809	15502	5.952	66.5	0.973
13.6751	3.00195	50.001	49.997	50.001	25.05	0.303	0.009083	15502	4.255	72.393	0.973
13.6918	3.00157	49.997	49.997	49.998	22.97	0.302	0.010091	15502	2.628	77.847	0.975
13.6736	2.99381	49.997	49.996	49.996	21.75	0.297	0.004396	15502	1.869	80.064	0.973
13.6615	3.00566	50.006	50.001	50.002	20.97	0.31	0.004884	15502	1.161	83.172	0.973
13.6819	3.00553	49.997	49.996	50.001	20.42	0.299	0.005426	15502	0.888	84.244	0.974
13.6732	2.99891	50	50.001	49.999	20.28	0.307	0.006028	15502	0.494	85.116	0.972
13.6784	3.00795	50	49.999	49.998	21.64	0.302	0.011384	15502	0.666	83.612	0.97
13.6768	2.99845	49.999	50.003	49.997	22.33	0.287	0.007439	15502	0.15	86.245	0.972
13.6696	3.00339	50	49.998	50.003	20.41	0.303	0.023884	15502	-0.316	87.217	0.97
13.6536	2.9959	49.998	50.003	50.002	20.97	0.295	0.015608	15502	0.048	91.508	0.971
13.6766	3.00241	50.002	49.996	49.998	20.78	0.304	0.019652	15502	0.686	92.405	0.968
13.6508	2.99771	50	49.992	50	21.75	0.308	0.037115	15502	0.048	85.68	0.97
13.6638	2.99643	50.003	49.999	50.002	21.74	0.294	0.036382	15502	-0.822	74.082	0.971
13.6527	2.9978	49.998	50	50.004	22.34	0.305	0.06871	15502	-2.199	77.464	0.972
13.72	3.0186	49.997	49.999	50.005	21.65	0.325	0.029935	15502	-2.969	76.423	0.969
13.6644	2.9929	49.997	49.996	49.992	22.19	0.318	0.049883	15502	-4.246	83.595	0.973
13.7304	3.01354	50	50.001	50.003	22.34	0.307	0.019176	15502	-4.53	83.568	0.973
13.6456	2.99493	49.997	50.002	50.005	20.97	0.307	0.061566	15502	-4.044	76.701	0.972
13.6806	3.01071	49.998	50	50.003	21.8	0.321	0.013921	15502	-3.963	79.23	0.972
13.6938	2.99576	50.001	49.994	49.998	22.34	0.301	0.009098	15502	-3.638	78.022	0.972
13.6845	3.00737	49.998	50.001	50.001	21.73	0.283	0.029209	15502	-3.922	77.493	0.972
13.688	3.00453	49.998	50.002	49.992	22.34	0.305	0.016842	15502	-3.983	77.203	0.972
13.7072	3.01579	49.998	50.004	49.998	22.4	0.291	0.018711	15502	-3.881	76.737	0.973
13.6589	3.0017	49.998	50.004	49.999	22.47	0.304	0.035337	15502	-3.78	77.574	0.973
13.6579	2.99722	49.998	50.001	49.999	22.39	0.313	0.066738	15502	-3.8	78.008	0.976
13.7044	3.00849	50.002	49.999	50.005	22.33	0.291	0.013316	15502	-4.054	77.257	0.975
13.7088	3.0129	49.999	50	50	21.89	0.31	0.028501	15502	-4.287	76.156	0.975
13.6583	3.0036	49.998	50.002	50.004	22.34	0.298	0.027938	15502	-4.672	78.384	0.975
13.6498	2.99101	49.997	49.999	49.998	22.56	0.3	0.031037	15502	-5.058	77.425	0.975
13.6671	3.00332	50	50.002	50.002	22.27	0.304	0.020283	15502	-5.646	76.043	0.973
13.6791	3.00342	49.998	50.001	49.995	22.41	0.3	0.013255	15502	-5.909	76.031	0.975
13.6315	2.9873	49.994	49.995	49.997	22.34	0.314	0.025033	15502	-6.254	77.453	0.975
13.6637	3.00184	50.001	50.002	50.006	22.34	0.308	0.016359	15502	-6.64	77.841	0.975
13.6996	3.00641	49.998	50.003	49.995	22.34	0.29	0.030895	15502	-6.965	79.5	0.973
13.6748	2.9984	50	49.997	50.001	22.6	0.324	0.02019	15502	-7.482	83.244	0.973

13.6742	3.00384	50.001	50.003	50.005	22.68	0.321	0.013194	15502	-7.98	83.732	0.976
13.668	3.00121	50	50.004	49.994	22.49	0.314	0.009772	15502	-8.345	84.017	0.976
13.6782	3.00965	49.998	49.999	50.001	22.38	0.315	0.080003	15502	-8.711	86.569	0.977
13.6654	3.00555	50	50.001	50	22.36	0.307	0.01206	15502	-8.995	81.828	0.977
13.6749	3.0053	49.999	49.997	49.994	22.34	0.328	0.022777	15502	-8.812	76.027	0.977
13.6769	3.00676	50	49.999	50.006	22.39	0.323	0.043017	15502	-8.894	77.692	0.977
13.6597	2.99411	50	50.003	50.004	22.93	0.308	0.047789	15502	-8.122	71.306	0.977
13.6633	3.00023	50.004	50.005	50.004	22.23	0.328	0.053091	15502	-7.756	71.132	0.979
13.671	2.99886	49.999	50	49.996	22.77	0.309	0.058981	15502	-7.98	70.311	0.978
13.6997	3.00691	49.998	49.999	50.006	22.76	0.318	0.022673	15502	-7.675	71.101	0.979
13.6393	2.99905	49.997	49.995	50.004	22.56	0.29	0.123751	15502	-7.878	74.153	0.979
13.6672	2.99678	50.005	49.999	49.998	22.8	0.292	0.027983	15502	-7.777	75.341	0.979
13.6993	3.0105	49.998	49.995	50.005	22.52	0.333	0.031087	15502	-8.234	75.287	0.979
13.6688	3.00185	49.999	49.997	50.002	22.86	0.307	0.034536	15502	-8.853	83.429	0.981
13.6731	3.00261	49.995	49.998	49.997	22.35	0.303	0.038368	15502	-8.955	71.796	0.981
13.6709	2.99626	50.004	50.002	50.003	22.72	0.312	0.139609	15502	-9.28	78.626	0.982
13.667	2.99492	50.006	49.998	50.003	22.39	0.294	0.155097	15502	-9.371	71.661	0.981
13.7094	3.00863	50.005	50	50.004	22.79	0.293	0.035071	15502	-9.391	74.57	0.981
13.6556	2.99941	49.998	50.004	50.003	22.58	0.317	0.013482	15502	-10.61	74.992	0.981
13.6687	3.00081	50.005	49.998	50.003	22.34	0.298	0.016974	15502	-11.241	76.864	0.982
13.6824	3.01049	50	50.003	49.99	22.59	0.317	0.021372	15502	-11.556	76.231	0.982
13.6759	2.99597	49.998	49.998	50.002	22.35	0.327	0.023743	15502	-11.474	73.815	0.981
13.6514	2.99578	50.001	50.004	49.997	22.52	0.316	0.010344	15502	-11.84	76.345	0.982
13.6609	2.99694	49.998	50.003	49.993	22.37	0.332	0.037638	15502	-12.39	74.553	0.982
13.6976	3.00756	50.001	50	50	22.74	0.333	0.041814	15502	-12.908	77.581	0.983
13.6912	3.00997	50.001	50.003	50.002	22.44	0.331	0.010716	15502	-13.447	78.825	0.983
13.6628	3.0059	50.002	50.003	50	22.42	0.316	0.013492	15502	-13.458	77.849	0.984
13.6357	2.98922	50.002	50.001	49.996	22.41	0.312	0.025481	15502	-12.329	72.798	0.984
13.6524	3.00297	50.001	50.003	49.995	22.34	0.293	0.018872	15502	-10.743	67.433	0.983
13.6724	2.99713	49.998	49.999	49.998	22.34	0.304	0.012333	15502	-9.056	60.479	0.983
13.6727	2.99976	49.998	50	50.004	22.34	0.319	0.039596	15502	-8.335	60.335	0.985
13.6399	2.99672	50.001	50.001	50.008	21.74	0.293	0.043988	15502	-8.457	60.843	0.984
13.6712	2.99742	50	49.998	50.007	21.73	0.313	0.01691	15502	-7.807	60.559	0.981
13.6481	2.99119	50.001	50.004	50.004	22.35	0.327	0.031935	15502	-7.706	59.94	0.983
13.6381	2.9945	49.997	50.002	50.003	23.03	0.298	0.013913	15502	-6.863	57.492	0.984
13.657	2.99698	50	50.003	50	21.96	0.315	0.015457	15502	-6.863	57.465	0.983

13.6453	2.99227	50.002	50.01	49.999	22.65	0.303	0.043787	15502	-7.919	61.568	0.983
13.6878	2.9948	49.999	50	49.996	22.64	0.315	0.019076	15502	-8.538	65.254	0.985
13.6854	3.0013	50.001	50.001	50.003	23.02	0.325	0.061247	15502	-9.401	67.15	0.986
13.6971	3.00697	50.002	49.995	49.995	23.03	0.315	0.068042	15502	-10.113	70.863	0.987
13.6637	3.00048	49.998	49.996	49.995	22.82	0.333	0.044465	15502	-11.048	76.928	0.987
13.682	3.00666	50	49.999	50.006	22.96	0.313	0.032932	15502	-11.027	75.809	0.987
13.6777	3.0048	50.005	49.997	50.004	22.53	0.335	0.041464	15502	-10.275	72.065	0.988
13.6554	2.99789	50	49.996	49.997	22.68	0.295	0.078309	15502	-10.184	73.212	0.987
13.661	2.99957	49.994	49.998	49.997	23.01	0.316	0.006944	15502	-10.428	74.964	0.987
13.7026	3.00435	49.997	50	49.992	22.97	0.317	0.013115	15502	-10.539	72.222	0.987
13.6713	2.99802	49.997	50.002	49.999	22.74	0.329	0.028071	15502	-10.682	71.696	0.988
13.635	2.99839	49.999	50.006	50	23.02	0.314	0.031185	15502	-11.678	75.78	0.99
13.6535	3.00252	50	50.003	50.009	23.01	0.319	0.023096	15502	-12.288	76.065	0.991
13.6794	3.00316	49.998	50.001	50.002	22.97	0.34	0.04362	15502	-13.163	78.979	0.991
13.6846	2.99624	49.997	50	49.998	23.02	0.322	0.048459	15502	-13.305	78.254	0.991
13.6661	2.99535	49.999	49.998	50.005	22.98	0.292	0.021112	15502	-11.332	70.468	0.992
13.7203	3.00705	49.998	49.997	49.996	21.63	0.301	0.013797	15502	-9.259	59.62	0.992
13.6609	3.00208	50.002	49.996	50	22.48	0.314	0.015327	15502	-7.939	58.802	0.993
13.6798	3.00702	50.007	50.001	50.001	24.36	0.292	0.019298	15502	-5.778	52.488	0.992
13.6993	3.00478	50	50.004	49.997	24.41	0.303	0.021439	15502	-6.092	50.53	0.992
13.6753	2.9999	49.998	50.001	50.002	25.06	0.331	0.01401	15502	-5.433	52.596	0.993
13.6598	2.99336	49.999	50	50.003	25.09	0.303	0.009156	15502	-4.845	50.91	0.993
13.6726	2.99447	49.999	49.998	50.001	25.1	0.299	0.006781	15502	-4.713	51.564	0.991
13.6635	3.00107	49.999	50.004	49.995	25.36	0.291	0.012806	15502	-4.966	48.193	0.99
13.689	3.00401	50	49.996	49.991	23.72	0.318	0.024186	15502	-5.605	50.023	0.991
13.6687	2.99702	50.005	49.996	50.001	23.03	0.323	0.045678	15502	-6.64	61.767	0.991
13.6589	3.00001	50.001	50.003	50.002	23.03	0.333	0.050746	15502	-6.721	72.981	0.992
13.6876	3.00411	50	49.991	49.994	22.53	0.305	0.011475	15502	-6.133	67.078	0.991
13.6482	3.00255	49.999	49.999	50.005	23.03	0.318	0.012748	15502	-6.508	69.257	0.991
13.6725	3.00153	50	50.001	50.001	23.03	0.328	0.040929	15502	-7.858	77.203	0.99
13.69	3.00729	50	50.002	49.999	23.01	0.294	0.009255	15502	-8.538	82.706	0.991
13.6398	2.98837	50.001	49.996	50.001	23.03	0.322	0.010282	15502	-7.472	82.714	0.988
13.6406	2.98941	49.999	49.995	50.001	22.96	0.314	0.007615	15502	-6.66	75.307	0.99
13.6854	3.00684	49.997	50.002	49.999	22.11	0.304	0.00846	15502	-6.112	70.322	0.988
13.6848	3.01396	49.997	50.001	49.998	22.86	0.317	0.023966	15502	-5.98	71.5	0.987
13.7025	3.00014	50.001	49.997	50	22.21	0.313	0.01775	15502	-5.778	71.928	0.988

13.6699	2.99282	49.998	49.992	49.998	22.41	0.309	0.011599	15502	-5.767	73.516	0.985
13.6791	3.00431	50.002	50.001	49.999	22.34	0.3	0.021906	15502	-6.234	74.885	0.986
13.676	2.99755	50.001	50.004	49.998	22.89	0.33	0.014316	15502	-5.98	76.225	0.986
13.6982	3.01343	49.999	50.001	49.999	22.72	0.292	0.027037	15502	-5.707	79.817	0.986
13.6186	2.98799	50.005	50.004	50.005	22.55	0.299	0.010393	15502	-5.96	82.57	0.988
13.641	2.99102	50	49.996	49.998	22.7	0.316	0.056726	15502	-5.625	79.477	0.988
13.6785	3.00491	50.001	50	49.998	20.97	0.293	0.011318	15502	-4.54	66.131	0.988
13.6903	3.00681	49.996	49.998	49.999	21.93	0.303	0.021375	15502	-4.632	63.465	0.99
13.65	2.99694	50.003	49.995	49.995	21.72	0.313	0.008217	15502	-3.121	56.216	0.988
13.6667	2.99828	50.003	50	50.002	21.61	0.316	0.015518	15502	-3.284	54.534	0.986
13.6718	2.99537	49.998	50	50.002	21.24	0.319	0.01724	15502	-4.064	49.689	0.989
13.7273	3.0118	49.996	50.002	50.008	21.28	0.287	0.03256	15502	-4.469	47.523	0.99
13.6518	3.00641	50.002	50.005	50.003	22.36	0.324	0.021277	15502	-6.011	50.513	0.991
13.6859	2.99986	50.001	50.006	50	22.97	0.317	0.015759	15502	-7.31	53.891	0.993
13.6568	2.99428	50.002	49.998	49.999	22.63	0.321	0.029762	15502	-8.041	55.414	0.993
13.662	2.99615	50.005	50.004	49.999	22.85	0.322	0.019449	15502	-8.853	57.112	0.994
13.6544	2.98963	49.999	50	50.004	22.97	0.333	0.01271	15502	-9.544	53.133	0.995
13.6825	2.99972	49.998	50	49.998	22.92	0.335	0.016003	15502	-10.732	53.036	0.997
13.6801	3.00202	50.002	50.002	50.003	22.91	0.322	0.030223	15502	-11.759	53.322	0.997
13.6682	2.99756	50.007	50.003	50	22.63	0.349	0.013167	15502	-12.451	53.792	0.998
13.6699	3.00707	50	49.996	49.992	22.82	0.331	0.042274	15502	-13.183	57.053	1
13.6803	3.01077	50.003	49.992	49.998	22.63	0.34	0.016251	15502	-13.854	53.769	1
13.6576	2.99169	50.001	50	50.002	22.47	0.343	0.018054	15502	-14.445	58.033	0.999
13.6849	2.99849	49.999	50.005	50.003	22.53	0.326	0.038642	15502	-14.77	57.369	1
13.6656	2.99957	50.005	50.006	49.998	22.48	0.308	0.014854	15502	-15.259	66.719	1.001
13.6966	3.01337	50	49.998	50.004	22.68	0.334	0.016502	15502	-15.483	61.109	1
13.6829	3.00912	50.002	50.007	50.005	23	0.342	0.012222	15502	-15.768	66.595	1.001
13.6535	3.00186	50.006	49.999	50.005	23.03	0.331	0.03924	15502	-13.854	58.961	1.002
13.6905	3.00257	49.998	49.998	50.001	23.12	0.299	0.07411	15502	-12.451	48.859	1
13.6703	2.99781	50.002	49.999	50.005	23.03	0.329	0.018992	15502	-11.901	47.018	1.001
13.6658	3.00244	50	50.001	50	22.47	0.295	0.060977	15502	-10.285	45.347	1.003
13.6517	2.9934	49.996	50.002	49.999	22.96	0.319	0.015627	15502	-8.822	42.689	1.001
13.6628	3.00469	50	49.998	50	21.04	0.333	0.010212	15502	-8	41.162	1
13.668	3.00716	50.001	49.997	50.005	21.62	0.297	0.011345	15502	-7.655	40.168	0.999
13.6743	2.99676	49.997	49.999	50.003	23.04	0.333	0.021426	15502	-6.904	37.974	1
13.683	2.99795	50	50.003	50.007	22.12	0.297	0.026977	15502	-7.492	38.866	0.999

13.6691	3.00155	49.999	49.999	50.004	23.03	0.336	0.01037	15502	-8.284	43.264	1
13.6331	2.9953	50.001	50.002	50.007	23	0.309	0.019585	15502	-9.137	46.783	0.998
13.6781	3.00457	50	50.001	50.002	22.75	0.316	0.007529	15502	-9.848	58.429	0.999
13.6902	3.00786	49.999	49.999	50.002	23.02	0.302	0.027395	15502	-10.966	69.703	0.998
13.665	2.99477	50.001	50	50.008	23.03	0.295	0.030434	15502	-10.743	70.182	0.998
13.6748	2.99881	49.996	49.999	50.002	22.93	0.327	0.006882	15502	-10.255	64.881	0.996
13.6453	2.99773	50.001	50.003	49.999	22.72	0.331	0.01473	15502	-9.787	64.69	0.997
13.6545	2.99758	49.998	49.998	49.993	22.88	0.32	0.027819	15502	-9.401	60.099	0.997
13.7044	3.01642	50	49.996	50.002	23.03	0.31	0.035026	15502	-9.442	63.375	0.995
13.6637	2.99763	49.996	50	50.003	22.6	0.332	0.00792	15502	-8.873	60.849	0.995
13.6862	3.00605	50.005	49.997	49.996	23.03	0.293	0.014958	15502	-8.589	58.506	0.995
13.6676	2.99702	49.994	49.998	50.002	22.4	0.313	0.009775	15502	-8.386	58.028	0.995
13.672	3.00182	50.002	49.994	49.996	22.88	0.319	0.020923	15502	-9.036	80.482	0.993
13.6793	3.00183	50.001	50	49.997	23.03	0.333	0.039515	15502	-9.361	78.784	0.991
13.6578	2.99603	49.997	49.996	49.995	22.46	0.329	0.01519	15502	-9.056	75.128	0.991
13.6704	3.00183	49.996	49.997	50	22.69	0.31	0.093961	15502	-8.66	67.843	0.991
13.6453	2.99025	50.002	50.002	49.998	22.94	0.306	0.021247	15502	-8.477	67.703	0.988
13.6512	2.9905	50.001	49.999	49.999	22.81	0.322	0.513823	15502	-8.305	73.733	0.99
13.6822	3.00824	50.003	49.999	50.003	22.99	0.309	0.040203	15502	-8.508	89.252	0.988
13.6473	2.99423	49.998	50	49.996	22.49	0.302	0.015454	15502	-7.655	88.544	0.988
13.663	2.99077	50.002	49.996	50.004	21.88	0.305	0.010099	15502	-7.513	90.222	0.987
13.6487	2.99678	50.001	49.997	50.001	21.79	0.319	0.019074	15502	-7.107	84.706	0.983
13.6639	3.00292	49.999	50.008	50	23.01	0.312	0.007332	15502	-7.036	90.082	0.983
13.692	2.99961	50.001	49.996	49.999	22.34	0.312	0.013847	15502	-7.229	90.723	0.983
13.6723	3.00072	49.998	49.999	49.994	22.43	0.324	0.015384	15502	-7.35	91.679	0.982
13.6797	3.00153	49.998	50.004	50.012	22.79	0.313	0.005914	15502	-7.584	91.764	0.983
13.6732	3.00188	49.998	49.998	49.997	22.97	0.292	0.018987	15502	-7.614	91.755	0.984
13.6769	3.00792	50	49.998	49.994	22.34	0.327	0.021093	15502	-7.574	91.842	0.983
13.6778	2.99612	50.002	50.001	50.003	22.33	0.3	0.023433	15502	-7.513	91.859	0.981
13.6459	2.99094	49.993	49.995	49.996	22.34	0.32	0.010209	15502	-7.452	91.989	0.981
13.6836	3.00037	49.997	49.997	49.995	22.35	0.303	0.006671	15502	-7.188	92.364	0.981
13.6363	2.98505	50.001	50.004	50	22.91	0.321	0.0126	15502	-7.036	92.503	0.982
13.6622	2.9944	49.999	49.997	50.001	22.34	0.31	0.008234	15502	-6.538	92.997	0.98
13.6664	2.99778	49.999	50	50.003	21.88	0.318	0.009147	15502	-6.153	93.145	0.978
13.6654	3.00113	50.004	50.007	49.999	21.71	0.313	0.017276	15502	-5.97	93.309	0.979
13.657	2.99308	49.998	49.998	49.996	21.97	0.308	0.019192	15502	-6.052	93.342	0.977

13.6736	3.00142	49.999	50.004	49.995	22.34	0.31	0.014214	15502	-5.727	93.676	0.979
13.6748	2.99659	49.999	50	49.997	22.45	0.31	0.009289	15502	-5.382	93.776	0.978
13.6554	2.99355	49.997	50.003	49.998	22.97	0.288	0.017543	15502	-5.159	93.952	0.978
13.6637	2.99862	49.999	49.993	49.999	22.11	0.322	0.011464	15502	-4.409	94.32	0.979
13.6552	2.99347	50.001	50.003	50.012	20.97	0.307	0.021652	15502	-3.577	94.71	0.98
13.6865	3.01057	50	49.999	49.995	21.05	0.298	0.024054	15502	-2.848	94.751	0.977
13.6814	3.00024	49.997	49.999	49.997	21.73	0.298	0.009247	15502	-2.108	93.886	0.978
13.6639	3.00042	49.999	50.003	50	22.33	0.288	0.017463	15502	-1.794	90.001	0.976
13.656	2.99813	49.999	50.007	49.997	22.63	0.302	0.011412	15502	-1.551	88.053	0.975
13.6546	2.99742	50.001	50	49.998	22.83	0.305	0.012678	15502	-1.308	85.877	0.976
13.6626	2.9978	49.998	49.999	50.002	22.26	0.301	0.014085	15502	-1.653	86.238	0.975
13.6494	2.99848	50	50.001	49.996	20.7	0.302	0.015647	15502	-1.906	86.238	0.976
13.6589	2.99488	49.998	50.004	50.004	22.34	0.303	0.010225	15502	-2.321	85.707	0.976
13.6836	2.99666	50.002	49.998	49.996	22.25	0.289	0.003931	15502	-2.584	85.64	0.975
13.6443	2.99523	49.998	50.002	50.007	21.01	0.295	0.01262	15502	-2.686	86.335	0.977
13.6909	3.01	50.004	50	49.995	22.5	0.322	0.012371	15502	-2.929	86.062	0.975
13.6448	2.99818	50	50.002	49.995	21.77	0.298	0.013743	15502	-3.01	86.861	0.976
13.6587	2.99828	50	49.997	50.003	20.55	0.291	0.015268	15502	-3.01	86.966	0.976
13.6748	3.00879	50	49.998	49.999	22.42	0.299	0.009978	15502	-3.071	84.789	0.975
13.6791	3.00795	49.998	50.003	49.999	20.94	0.306	0.003384	15502	-3.294	85.842	0.973
13.6906	3.00467	49.994	50	50.001	22.08	0.295	0.010865	15502	-3.233	85.9	0.975
13.7014	2.99984	50.001	50.001	49.998	21.66	0.31	0.012071	15502	-3.121	84.907	0.973
13.6891	3.00805	49.995	50.003	50.001	21.05	0.304	0.01341	15502	-2.909	83.425	0.975
13.6233	2.98541	50.001	50.003	50.001	20.36	0.307	0.008763	15502	-2.99	82.924	0.976
13.6635	3.00636	50.002	50.009	50.01	22.34	0.316	0.014603	15502	-3.213	83.503	0.975
13.6848	3.00452	49.998	49.999	49.994	20.79	0.29	0.009543	15502	-3.557	84.712	0.975
13.6942	3.00501	49.998	49.998	50	22.61	0.299	0.010602	15502	-4.409	86.812	0.976
13.6735	3.00058	50.003	50	49.999	20.95	0.32	0.020023	15502	-3.648	85.963	0.975
13.6673	2.99969	50.001	50	49.998	22.34	0.309	0.007697	15502	-2.22	77.294	0.976
13.6749	2.99633	49.997	50.008	50.004	26.31	0.292	0.014537	15502	0.696	68.025	0.977
13.6609	3.0059	50.003	49.996	50.002	31.28	0.298	0.005588	15502	0.645	69.125	0.978
13.6484	3.00067	50.003	49.999	50	30.63	0.319	0.017941	15502	0.534	72.52	0.979
13.6984	3.00698	49.998	50	50.006	29.96	0.31	0.011724	15502	1.364	71.884	0.978
13.6672	2.99449	49.999	50.002	50.003	28.87	0.284	0.014762	15502	0.069	78.204	0.978
13.6363	2.9949	50	50.003	49.992	26.47	0.299	0.016399	15502	0.008	81.877	0.978
13.6494	2.99513	50.002	50.003	50.002	24.89	0.296	0.006304	15502	-0.741	88.16	0.975

13.6448	2.99396	49.998	49.999	49.999	23.03	0.306	0.011906	15502	-0.994	90.033	0.978
13.6831	3.00341	50.003	49.994	50.001	21.48	0.31	0.01499	15502	-0.923	90.194	0.978
13.6956	3.00726	50.004	49.997	49.994	22.27	0.305	0.009796	15502	-0.944	89.371	0.98
13.688	3.00501	50	50	49.995	21.79	0.309	0.018501	15502	-0.761	89.748	0.978
13.6482	2.99766	49.999	50	50.001	20.81	0.294	0.01209	15502	-0.417	89.305	0.981
13.6846	3.00132	49.993	50.003	50.003	20.97	0.321	0.015223	15502	-0.438	89.17	0.979
13.6487	2.98865	49.997	50	49.999	21.23	0.317	0.009948	15502	-0.397	85.633	0.982
13.6753	3.00613	50.003	50.005	50.005	22.34	0.301	0.018788	15502	-2.473	88.922	0.983
13.6567	2.9947	49.999	49.995	49.994	20.86	0.307	0.012278	15502	-1.835	87.479	0.983
13.6658	3.00188	49.998	49.997	50.009	20.87	0.284	0.01364	15502	-2.108	87.617	0.983
13.6941	3.00477	49.998	50	49.997	22.47	0.329	0.008913	15502	-3.902	90.623	0.983
13.6802	2.99701	49.999	50.003	50.002	22.96	0.317	0.009902	15502	-3.902	93.071	0.986
13.7059	3.01361	50.002	49.999	49.992	21.75	0.304	0.006471	15502	-2.686	89.562	0.985
13.6968	3.01045	50.009	50	49.992	20.97	0.286	0.020776	15502	-2.27	88.65	0.985
13.6275	2.98959	50.001	49.999	50.01	21.3	0.309	0.007987	15502	-2.443	85.868	0.986
13.6548	2.99455	49.998	50.005	50	21.12	0.314	0.015084	15502	-2.544	81.614	0.987
13.6818	3.00048	50.003	50.004	49.999	22.16	0.287	0.016757	15502	-1.734	73.378	0.99
13.6712	3.00294	50.002	50.001	50.009	26.84	0.307	0.012411	15502	-1.47	67.844	0.991
13.6745	3.00265	50.004	50.001	50.003	30.6	0.305	0.023439	15502	0.959	59.407	0.992
13.6405	2.99529	49.999	49.997	50.005	32.94	0.292	0.015317	15502	0.858	61.482	0.993
13.6787	3.00648	50	49.998	49.996	32.8	0.301	0.01001	15502	1.151	60.075	0.993
13.6874	3.00192	50.001	50.007	50	34.05	0.29	0.012603	15502	1.262	57.189	0.992
13.6985	3.01171	49.998	49.998	49.999	33.49	0.31	0.023802	15502	0.413	60.612	0.994
13.6406	2.98801	50.004	49.998	50.001	32.9	0.306	0.005382	15502	0.575	58.482	0.994
13.6752	3.00513	49.999	49.999	49.999	30.47	0.32	0.010165	15502	-0.205	62.518	0.992
13.676	3.00462	50.004	50.004	50.001	24.41	0.309	0.012798	15502	-2.564	71.015	0.993
13.718	3.01149	50.002	49.995	49.995	22.78	0.305	0.014218	15502	-3.648	76.952	0.992
13.6794	3.0015	50.001	49.993	50.003	22.27	0.312	0.005466	15502	-3.486	76.637	0.992
13.6932	3.0057	50	50	49.996	21.06	0.333	0.017548	15502	-3.456	77.298	0.991
13.7022	3.01232	50.004	50.002	49.999	21.01	0.315	0.019495	15502	-3.354	74.534	0.994
13.6775	3.00553	49.995	49.998	49.998	21.06	0.31	0.021657	15502	-2.524	77.317	0.992
13.6339	2.98906	49.999	50.001	50.003	22.55	0.315	0.01604	15502	-2.199	77.906	0.995
13.6592	2.99985	50.003	50.002	50.003	21.09	0.329	0.010482	15502	-2.078	78.607	0.994
13.6807	3.00783	50	50.002	50.001	22.34	0.306	0.00685	15502	-2.635	81.57	0.993
13.666	2.99692	49.996	50.005	50.003	22.92	0.31	0.021993	15502	-3.436	84.227	0.994
13.6899	2.99941	50.015	50.001	50.003	23.01	0.321	0.024433	15502	-4.125	87.005	0.992

13.6833	3.00039	49.999	50.001	49.998	23.02	0.307	0.015967	15502	-3.932	88.657	0.994
13.671	3.00398	50.005	49.998	50.007	22.83	0.292	0.010434	15502	-3.01	86.966	0.992
13.6803	3.00363	50.002	49.999	49.997	21.5	0.325	0.006819	15502	-2.969	87.185	0.993
13.6593	3.00313	49.999	50.004	49.999	21.18	0.32	0.021892	15502	-1.207	85.688	0.994
13.6522	2.99696	50.002	50.005	50.002	22.55	0.313	0.014306	15502	0.514	82.859	0.993
13.6774	2.99731	49.999	50.003	49.998	24.47	0.312	0.027019	15502	2.921	77.263	0.991
13.7172	3.00759	50.003	49.998	49.999	26.95	0.313	0.020011	15502	4.174	74.465	0.992
13.6565	2.99191	50.002	50	50.004	28.5	0.317	0.013077	15502	4.861	74.057	0.991
13.6838	3.00204	49.997	50	49.999	28.53	0.304	0.024697	15502	6.093	72.839	0.989
13.6806	3.0038	50	50.005	50.005	28.54	0.307	0.052863	15502	5.871	76.164	0.987
13.6662	3.00652	49.994	50.002	50.002	27.86	0.285	0.020321	15502	6.113	76.784	0.986
13.6427	3.0014	49.999	50.002	49.998	27.85	0.287	0.01328	15502	5.74	78.147	0.983
13.6925	3.00547	49.999	50.002	50.001	26.46	0.282	0.014753	15502	5.427	78.223	0.983
13.6371	2.99404	50	49.998	50.001	25.09	0.3	0.010926	15502	4.942	79.295	0.983
13.6542	3.00152	50.001	49.998	49.996	24.33	0.314	0.020636	15502	5.184	75.696	0.982
13.6938	3.00126	50.003	49.995	50.001	23.82	0.285	0.013485	15502	4.245	78.229	0.981
13.6825	3.00284	49.997	50.003	50.001	23.59	0.305	0.014981	15502	3.73	79.594	0.981
13.6886	3.00637	50.001	49.999	49.998	23.11	0.306	0.018863	15502	4.265	79.001	0.978
13.6861	2.99847	50.004	50.012	49.997	23.05	0.288	0.020955	15502	5.417	76.189	0.979
13.6654	2.99841	49.994	50.001	50.005	23.79	0.304	0.013694	15502	6.699	73.143	0.978
13.6909	3.00765	50.001	49.998	50	24.61	0.292	0.025863	15502	7.083	75.072	0.976
13.6755	2.99368	49.997	50.004	49.996	25.21	0.294	0.032563	15502	7.496	74.982	0.972
13.6656	2.99652	49.996	50.001	50.001	25.78	0.298	0.02128	15502	8.011	74.958	0.972
13.7132	3.01393	50.001	50.003	49.997	26	0.291	0.045548	15502	8.172	75.476	0.97
13.6771	3.00754	50.002	49.996	49.999	26.4	0.282	0.029765	15502	8.505	74.506	0.969
13.6706	2.99753	50	49.995	49.998	25.87	0.289	0.056215	15502	8.263	76.524	0.97
13.6778	3.00232	49.999	49.999	50.001	25.83	0.299	0.021609	15502	8.314	78.149	0.97
13.6529	2.99493	50.004	50.004	50.004	26.47	0.305	0.046253	15502	9.806	74.57	0.968
13.687	3.00448	49.998	49.998	50.002	29.3	0.3	0.01778	15502	12.275	69.612	0.969
13.6657	3.00575	50.002	50.003	50	33.35	0.282	0.019753	15502	14.842	65.932	0.968
13.6354	2.99679	50.002	50	50	34.04	0.288	0.107811	15502	17.075	54.05	0.969
13.7125	3.00987	49.998	50.001	50	33.35	0.273	0.203613	15502	16.25	46.841	0.969
13.6771	3.00022	50.002	50.002	50.003	34.42	0.276	0.078271	15502	15.929	51.71	0.969
13.6805	2.9942	50.004	49.996	50	34.65	0.298	0.098548	15502	15.154	53.227	0.97
13.6745	3.00438	50.005	49.998	50	34.72	0.31	0.037883	15502	14.339	53.719	0.972
13.6379	2.98804	49.996	49.999	49.999	32.12	0.3	0.014562	15502	13.363	58.373	0.974

13.6634	3.00147	49.997	50.003	50.004	31.96	0.298	0.027503	15502	13.433	56.109	0.973
13.7193	3.01823	49.998	50	49.996	29.43	0.315	0.017973	15502	10.733	67.157	0.976
13.6608	2.99828	50.001	49.997	49.999	27.84	0.283	0.00783	15502	9.736	64.974	0.977
13.6527	2.99095	50.004	49.997	50.004	26.54	0.296	0.008699	15502	8.404	66.432	0.979
13.6565	2.99896	50.001	50.001	50	25.91	0.279	0.009664	15502	7.527	69.01	0.978
13.6758	2.99281	50.001	50.004	50.004	25.2	0.306	0.018251	15502	8.213	63.656	0.977
13.6879	3.00388	49.998	49.996	50.002	25.12	0.282	0.011927	15502	7.537	64.364	0.977
13.6756	3.01071	50.004	49.998	50.001	25.01	0.308	0.005196	15502	6.659	66.441	0.979
13.6824	3.01497	49.998	49.999	50.001	25.09	0.314	0.009814	15502	7.284	62.608	0.977
13.6591	2.99809	49.995	49.997	50.001	25.1	0.291	0.021005	15502	5.487	70.973	0.979
13.6429	2.98949	49.998	50	50.001	24.51	0.295	0.03967	15502	6.285	67.872	0.976
13.6673	2.99129	49.999	49.999	50.001	24.38	0.316	0.01525	15502	6.628	61.408	0.977
13.6435	2.9875	50	50.001	50.003	24.4	0.3	0.0288	15502	7.022	58.273	0.977
13.6473	2.99693	49.998	50.002	50.003	24.77	0.308	0.011071	15502	6.982	59.038	0.977
13.6504	2.99535	50.001	50	50.002	24.7	0.29	0.012299	15502	6.144	61.746	0.977
13.6917	3.00818	50.003	50.019	50.001	25.47	0.282	0.015486	15502	8.949	53.305	0.978
13.6369	2.98907	50.001	50.005	50.004	30.33	0.298	0.01012	15502	11.278	48.584	0.98
13.6707	3.00694	49.999	50.001	50.002	33.45	0.277	0.019112	15502	11.822	50.87	0.982
13.654	3.00221	50	50	50.002	34.8	0.276	0.008327	15502	12.537	53.491	0.982
13.7232	3.01057	50.004	50.002	50.003	35.39	0.283	0.00925	15502	13.232	54.013	0.981
13.6845	3.00003	50.001	50.001	49.999	35.11	0.277	0.01747	15502	13.856	52.739	0.979
13.6668	3.00465	49.996	50.005	50.004	34.32	0.285	0.037394	15502	14.419	49.835	0.98
13.6617	2.99645	50.001	50.001	50.005	34.52	0.293	0.014374	15502	14.158	53.15	0.981
13.6825	3.00148	49.999	49.997	49.997	34.11	0.306	0.006262	15502	14.107	54.109	0.981
13.6549	3.0026	50.001	49.998	49.999	34.72	0.288	0.006957	15502	12.839	61.737	0.981
13.6664	2.99597	49.999	50.004	49.997	31.98	0.278	0.007729	15502	9.725	68.381	0.982
13.7054	3.01071	50.002	50	49.999	29.09	0.305	0.014597	15502	8.152	71.55	0.982
13.6668	2.99671	50.001	49.998	49.999	27.21	0.302	0.003741	15502	6.497	75.898	0.982
13.667	2.99587	49.998	50.003	49.997	26.15	0.301	0.01201	15502	5.972	77.613	0.983
13.6849	3.00472	49.996	49.997	49.999	25.78	0.31	0.013343	15502	4.467	80.494	0.981
13.6795	2.99915	50.004	49.996	50.002	25.05	0.31	0.00872	15502	3.932	81.285	0.981
13.6634	2.99546	49.997	50.002	50.001	24.4	0.295	0.003799	15502	3.164	83.222	0.982
13.6482	2.99969	50.005	49.993	49.996	23.72	0.286	0.012196	15502	2.355	85.924	0.982
13.6571	2.99378	49.999	50.004	49.999	23.05	0.316	0.00797	15502	2.456	85.187	0.983
13.6821	3.00055	49.999	49.998	49.999	22.65	0.301	0.008855	15502	2.638	84.515	0.981
13.6934	3.0137	49.996	49.999	50	22.37	0.283	0.009837	15502	2.294	85.165	0.981

13.6722	3.00837	50.004	50.003	50	22.34	0.325	0.006428	15502	2.557	84.652	0.982
13.6874	3.00145	50.003	50.001	49.997	22.92	0.319	0.023391	15502	1.981	86.186	0.982
13.6526	2.99044	49.999	49.997	50	22.66	0.287	0.008992	15502	1.283	89.042	0.983
13.6635	3.00069	50	49.998	50.003	23.23	0.297	0.016982	15502	3.366	82.677	0.985
13.6654	3.00026	50.001	50	50.006	25.76	0.324	0.011097	15502	4.396	81.018	0.985
13.6812	2.9999	49.997	50.001	50	26.53	0.315	0.007252	15502	4.477	81.645	0.985
13.6781	3.00682	50.004	50.001	49.999	27.34	0.291	0.009131	15502	5.003	79.977	0.985
13.6409	2.99767	49.998	50.003	50.008	28.64	0.293	0.005967	15502	5.79	76.739	0.988
13.6912	2.99926	50	49.999	50	29.69	0.302	0.011269	15502	6.78	73.618	0.987
13.6786	2.99852	50.002	50	50.003	31.18	0.284	0.01252	15502	7.436	70.022	0.985
13.6924	3.00598	49.998	50.001	49.995	31.27	0.288	0.005454	15502	6.336	74.287	0.986
13.6704	3.00039	50.003	50	49.997	28.79	0.303	0.017512	15502	5.477	74.384	0.986
13.642	2.99153	49.997	50.003	49.997	27.16	0.307	0.019455	15502	4.599	77.265	0.988
13.6726	3.00307	50	50.002	50.004	25.36	0.308	0.012713	15502	3.75	79.314	0.986
13.6593	2.99716	50.004	49.997	50	24.95	0.317	0.004887	15502	3.558	79.46	0.988
13.6385	2.99614	50	49.997	49.997	24.63	0.304	0.003194	15502	3.244	78.175	0.989
13.6724	3.0033	49.996	49.999	49.999	24.4	0.307	0.011621	15502	2.85	79.23	0.988
13.7269	3.0101	50.004	50	49.998	24.17	0.317	0.01291	15502	2.699	78.341	0.988
13.621	2.98551	49.999	49.998	49.996	24.38	0.324	0.008437	15502	2.597	78.58	0.988
13.6564	2.98833	49.999	49.996	49.998	24.4	0.283	0.018058	15502	2.355	80.035	0.988
13.6901	3.00206	49.997	50.003	49.998	23.44	0.307	0.006942	15502	0.028	87.961	0.987
13.6828	3.00461	49.998	50	50	21.65	0.308	0.011568	15502	-1.49	91.686	0.986
13.6688	2.99565	50.001	49.997	50.003	20.4	0.312	0.012851	15502	-1.703	93.019	0.986
13.6635	2.9966	50.001	49.998	50.004	21.61	0.302	0.024271	15502	-2.27	93.072	0.987
13.6393	2.99248	50.005	49.998	50.006	21.69	0.307	0.015861	15502	-2.706	93.678	0.987
13.6815	3.00138	49.996	50.004	50.002	22.77	0.316	0.006097	15502	-3.111	94.036	0.988
13.6759	3.00206	50.002	50.001	49.996	22.39	0.323	0.019576	15502	-2.848	94.168	0.987
13.685	3.00057	50.005	50.007	50.002	21.73	0.288	0.021747	15502	0.564	91.934	0.987
13.6611	2.99755	50.001	50.002	50.008	27.61	0.31	0.00836	15502	4.154	71.736	0.99
13.7003	3.01239	50.001	50.002	50.001	32.52	0.294	0.015788	15502	6.82	63.055	0.992
13.6836	2.99598	49.999	49.999	50.005	34.73	0.304	0.010318	15502	7.103	56.933	0.992
13.7077	3.01266	50.001	50.003	50.004	34.72	0.309	0.006743	15502	7.981	54.673	0.988
13.7174	3.01085	49.999	50.003	49.997	34.6	0.284	0.014432	15502	8.616	55.12	0.986
13.6605	3.00066	49.996	50.002	50	34.48	0.299	0.016033	15502	8.677	55.894	0.986
13.7037	3.00813	49.999	50.005	49.998	34.28	0.301	0.010477	15502	9.09	55.046	0.986
13.679	3.0104	50.002	49.995	49.997	34.86	0.309	0.013192	15502	7.829	56.784	0.986

13.6819	2.99788	49.998	49.998	50.002	32.31	0.307	0.014655	15502	6.982	61.075	0.986
13.6621	2.9939	49.998	49.998	49.998	29.5	0.305	0.018452	15502	4.013	73.959	0.984
13.6685	3.00218	49.998	49.996	50	27.19	0.305	0.012058	15502	4.518	73.911	0.985
13.7062	3.00642	49.996	50.001	50.002	26.07	0.324	0.013396	15502	3.901	81.068	0.984
13.6861	3.00349	50	50	50	25.09	0.325	0.005836	15502	2.577	85.826	0.984
13.6963	3.01464	49.998	50.001	49.997	23.28	0.307	0.018738	15502	0.908	90.232	0.985
13.7082	2.99351	49.995	49.994	49.998	22.14	0.321	0.007203	15502	-0.357	92.018	0.985
13.6572	2.99821	50	50.001	50	20.97	0.329	0.008002	15502	-1.166	93.383	0.985
13.6661	3.00239	49.998	50	49.999	20.29	0.309	0.025692	15502	-1.653	93.555	0.985
13.6637	2.99475	50	50.006	50.007	22.19	0.292	0.01679	15502	-1.977	91.631	0.984
13.7291	3.01001	50.008	50	50.008	21.24	0.314	0.012435	15502	-1.997	91.447	0.985
13.6778	3.00312	49.998	50.003	50.002	22.66	0.317	0.00478	15502	-2.118	91.941	0.983
13.6741	2.99853	50.001	49.999	49.999	22.56	0.315	0.02609	15502	-2.524	93.229	0.984
13.6708	3.00468	50.004	49.996	49.995	21.83	0.316	0.028984	15502	-2.929	93.804	0.984
13.6564	2.99532	49.998	50.003	49.998	20.97	0.297	0.018941	15502	-2.443	94.335	0.985
13.6974	3.00605	49.996	50.001	50	20.98	0.298	0.012378	15502	-0.073	88.46	0.984
13.6795	3.01037	50.005	50.004	49.998	24.15	0.325	0.023377	15502	2.709	73.337	0.984
13.6696	2.99844	50	50	50.001	27.93	0.321	0.02597	15502	5.306	65.034	0.986
13.6914	3.0139	50	50.001	50.003	32.14	0.303	0.016972	15502	6.638	59.239	0.987
13.6547	2.99878	49.999	49.999	49.999	33.96	0.294	0.021368	15502	8.606	48.877	0.985
13.6655	2.9938	49.997	49.999	49.999	34.72	0.314	0.023739	15502	8.919	49.255	0.985
13.6818	2.99878	50.002	49.998	49.997	34.25	0.292	0.005368	15502	9.241	50.183	0.983
13.6764	3.0058	50	50	49.995	34.21	0.306	0.019532	15502	9.362	45.79	0.984
13.6421	2.98784	49.999	50	50	35.51	0.293	0.021699	15502	9.11	45.759	0.984
13.6673	2.99029	49.999	49.997	50.003	32.92	0.306	0.01418	15502	7.375	49.231	0.983
13.662	3.00321	49.999	50.002	49.997	28.69	0.307	0.010502	15502	5.558	54.167	0.983
13.6671	2.99925	49.998	49.999	49.999	25.77	0.313	0.006863	15502	4.588	55.503	0.98
13.6779	3.00241	50	49.999	50.001	24.4	0.306	0.007625	15502	3.851	59.379	0.98
13.685	3.00621	50.002	49.998	49.998	23.89	0.318	0.0096	15502	3.194	63.031	0.979
13.6994	3.0075	49.999	49.997	50.001	23.14	0.321	0.010665	15502	2.759	66.129	0.979
13.6915	3.00281	49.998	49.999	50.001	22.34	0.285	0.00697	15502	2.547	68.196	0.979
13.6713	2.99819	50.001	49.993	50	21.79	0.285	0.007743	15502	1.829	73.106	0.978
13.7078	3.00206	50.007	50.005	50.002	21.46	0.304	0.024859	15502	1.809	74.512	0.977
13.6689	3.00299	50.006	50.005	50.003	20.99	0.322	0.016245	15502	2.062	74.397	0.975
13.6532	2.99563	49.998	49.994	50.003	20.97	0.312	0.018048	15502	2.102	76.311	0.975
13.6582	2.99659	50.002	50.001	50.003	20.97	0.304	0.006938	15502	2.062	76.544	0.972

13.682	2.99826	49.999	49.996	50.001	20.85	0.305	0.008735	15502	2.274	71.765	0.972
13.665	3.0009	50	49.999	50	20.78	0.304	0.008562	15502	2.193	70.886	0.97
13.6562	2.99121	50.003	49.999	50.001	20.83	0.302	0.010781	15502	2.517	66.561	0.972
13.7002	3.00755	50	50.002	49.995	20.96	0.286	0.011977	15502	2.719	66.493	0.971
13.678	2.99739	50.002	50.003	49.998	21.04	0.286	0.013305	15502	2.911	66.608	0.969
13.6652	2.99762	50.002	50.003	49.996	21.78	0.292	0.005115	15502	3.143	65.104	0.969
13.6385	2.99524	50	50.005	50.002	23.03	0.313	0.00966	15502	3.517	64.578	0.969
13.6613	2.99248	50.001	50.002	50.003	23.03	0.301	0.006313	15502	2.82	71.545	0.968
13.6763	3.00471	50.001	50.002	50.002	22.55	0.301	0.02297	15502	2.132	78.832	0.969
13.6315	2.9916	50	49.999	50.001	21.72	0.299	0.00883	15502	2.901	75.433	0.969
13.6939	3.00971	49.997	50.003	50.001	22.09	0.313	0.009809	15502	2.254	84.8	0.969
13.6546	2.99625	50	49.998	50.001	21.65	0.306	0.012351	15502	1.9	90.04	0.97
13.6503	2.98677	49.999	49.989	50	20.97	0.321	0.013721	15502	2.051	88.145	0.968
13.6876	3.00577	49.998	49.998	50.001	20.64	0.285	0.015243	15502	2.122	79.301	0.97
13.6789	3.00364	50.002	50.002	49.999	20.95	0.304	0.009961	15502	2.153	74.537	0.97
13.6809	3.00529	50.001	49.999	49.999	20.96	0.314	0.00651	15502	2.193	75.454	0.972
13.6605	3.00215	50.007	50.001	50.002	21.01	0.294	0.007232	15502	2.345	76.339	0.972
13.6871	3.00646	50.003	50.003	50.002	21.46	0.294	0.009105	15502	2.082	77.319	0.973
13.67	3.00109	49.998	50.001	49.999	21.27	0.318	0.00595	15502	2.011	76.392	0.973
13.674	2.99691	50	49.998	50.001	21.02	0.313	0.00661	15502	1.809	78.19	0.973
13.6729	3.00408	49.998	49.998	50.004	20.97	0.321	0.00432	15502	1.869	78.796	0.972
13.6931	3.00591	50.002	50.002	50.004	21.45	0.28	0.023578	15502	1.748	81.057	0.973
13.6247	2.98676	50.001	49.999	50.001	21.49	0.286	0.009064	15502	1.788	76.823	0.975
13.672	3.0096	50.002	49.998	49.998	21.53	0.307	0.006713	15502	1.768	75.261	0.975
13.6529	2.99573	50.001	49.997	50.001	21.7	0.314	0.012678	15502	1.657	74.752	0.975
13.6653	3.00607	50.002	49.999	50.004	21.83	0.289	0.008285	15502	1.546	76.045	0.977
13.7039	3.01391	49.995	50.001	49.999	21.54	0.317	0.015647	15502	0.362	84.383	0.978
13.6465	2.99488	50.003	50.001	49.996	21.54	0.315	0.017383	15502	0.575	81.036	0.978
13.6604	2.99438	49.997	50	49.998	22.14	0.313	0.01136	15502	1.262	67.195	0.98
13.6678	2.9976	49.997	50	49.999	23.66	0.304	0.01262	15502	2.294	60.847	0.98
13.674	3.0061	50.002	49.999	50.001	25.86	0.314	0.023834	15502	2.628	58.955	0.981
13.6741	3.00253	49.998	49.998	50.006	27.32	0.322	0.015575	15502	3.608	57.646	0.983
13.6584	2.99569	50.001	50.001	50.004	28.61	0.308	0.006786	15502	3.972	56.991	0.984
13.682	3.00212	50.002	50.004	49.998	28.02	0.31	0.012815	15502	3.992	57.394	0.982
13.6715	3.00547	49.999	49.994	49.994	26.48	0.318	0.024203	15502	3.527	60.443	0.983
13.6891	3.00308	50.001	50	49.997	25.1	0.309	0.009304	15502	3.002	62.177	0.984

13.6716	2.99846	49.998	49.996	50	23.84	0.308	0.017571	15502	2.395	65.503	0.984
13.6849	3.00269	50.004	49.999	49.997	22.7	0.287	0.007655	15502	1.566	66.596	0.985
13.6602	3.00025	50.001	49.999	49.998	22.38	0.319	0.008504	15502	1.283	69.608	0.987
13.6419	2.99691	50.006	50.005	50.002	22.52	0.318	0.010708	15502	1.161	72.495	0.986
13.673	3.00548	49.998	50.002	49.997	22.34	0.317	0.006997	15502	1.404	69.606	0.986
13.6746	3.00791	49.999	49.999	50	21.82	0.312	0.007774	15502	0.858	69.549	0.986
13.6281	2.98942	50.004	50.002	50.002	21.22	0.31	0.009788	15502	0.362	65.08	0.987
13.6421	3.0001	50.003	49.998	50.002	21.65	0.314	0.010873	15502	0.038	68.236	0.985
13.6755	3.00645	50	49.995	50.004	21.1	0.32	0.01208	15502	-0.346	77.046	0.988
13.6881	3.00752	49.992	50.003	50.003	21.4	0.314	0.022814	15502	-1.166	75.508	0.987
13.6572	2.99245	50.003	49.998	49.993	22.29	0.314	0.00877	15502	-1.815	74.551	0.989
13.7284	3.01401	49.999	50.002	49.992	22.52	0.313	0.006495	15502	-2.24	74.267	0.987
13.7016	3.00938	50.001	49.997	50	22.81	0.332	0.004245	15502	-2.868	80.052	0.987
13.6771	3.00356	50	49.996	49.995	22.39	0.299	0.023167	15502	-3.415	84.232	0.991
13.6907	3.00424	50.001	49.998	49.998	22.1	0.328	0.005239	15502	-3.091	84.571	0.991
13.7086	3.00639	50.002	50.004	49.997	21.07	0.328	0.009894	15502	-1.642	79.283	0.99
13.6828	3.01076	50	50	50.003	21.59	0.292	0.010991	15502	-0.053	56.613	0.99
13.6722	3.00202	50.002	50.001	50.002	22.8	0.31	0.012211	15502	0.281	59.656	0.993
13.6557	2.99683	50.005	50	50.002	23.72	0.286	0.00798	15502	0.564	61.129	0.991
13.7065	3.01217	50.002	50.002	49.998	23.95	0.313	0.01708	15502	0.817	62.481	0.991
13.709	3.01273	50.006	50.002	50.004	24.61	0.293	0.006566	15502	0.858	66.753	0.988
13.6756	2.99918	49.995	49.996	50.001	23.53	0.302	0.0124	15502	0.878	65.915	0.987
13.6638	2.99551	49.999	49.996	50.003	22.6	0.286	0.004206	15502	0.999	67.066	0.988
13.6641	2.99259	49.999	50.002	50.001	22.68	0.308	0.015304	15502	1.262	67.012	0.988
13.6775	3.00863	49.996	50.003	50	22.36	0.308	0.010001	15502	1.141	67.928	0.986
13.6642	3.00163	49.997	50.003	49.997	22.24	0.303	0.011111	15502	0.878	70.828	0.987
13.6813	3.00409	50	49.998	50	22.02	0.311	0.035672	15502	0.939	70.354	0.986
13.6635	2.99945	49.995	49.997	50.002	20.97	0.284	0.013713	15502	0.2	76.906	0.985
13.6684	3.00248	50.005	50	50.01	21.91	0.294	0.025898	15502	-0.61	79.843	0.985
13.6855	3.00262	50.003	49.995	50.001	22.42	0.307	0.003445	15502	-0.923	79.886	0.987
13.6923	2.99821	49.997	49.997	49.995	22.39	0.303	0.01106	15502	-0.964	79.784	0.986
13.6851	3.00267	50	49.995	50	21.56	0.318	0.020887	15502	-1.116	80.3	0.984
13.6847	3.01016	50.002	50.005	50.009	22.31	0.314	0.01365	15502	-1.227	81.025	0.984
13.6533	2.99397	50.004	49.995	49.992	22.31	0.315	0.022746	15502	-1.571	82.047	0.984
13.659	3.00101	50.002	50.007	50.015	22.01	0.323	0.048686	15502	-1.561	83.777	0.984
13.6791	2.99839	50.001	49.997	50.002	22.35	0.288	0.031816	15502	-1.501	83.701	0.982

13.6682	3.00616	49.997	50.001	50	21.14	0.302	0.020792	15502	-1.551	84.456	0.982
13.6832	3.00163	50	49.997	49.997	22.73	0.296	0.013587	15502	-1.511	84.575	0.982
13.6574	2.99452	49.996	50.002	49.996	22.42	0.307	0.008879	15502	-1.096	83.318	0.982
13.6635	3.00023	50.007	49.999	50	21.3	0.319	0.028508	15502	1.222	77.083	0.982
13.6339	2.99055	50.002	49.999	50.007	26.4	0.292	0.010959	15502	3.831	67.916	0.983
13.6446	3.00119	50.002	50.004	50.002	29.18	0.295	0.020697	15502	5.164	64.819	0.982
13.639	2.99742	50	49.999	50.001	31.24	0.294	0.015329	15502	8.102	57.32	0.981
13.682	3.00186	49.998	50	49.998	33.35	0.31	0.017029	15502	9.988	48.476	0.983
13.6538	2.99846	49.998	50	50.003	34.3	0.29	0.011128	15502	12.084	40.54	0.981
13.6469	3.0011	50.003	49.997	50	34.43	0.286	0.035729	15502	13.111	38.528	0.98
13.6374	2.98963	49.897	49.954	50.141	33.76	0.272	0	15502	14.279	36.363	0.977
13.6634	3.00477	50.002	49.998	50.002	34.18	0.307	0.014014	15502	14.681	37.169	0.979
13.6701	3.00229	49.999	50.002	49.996	34.31	0.297	0.017644	15502	13.795	39.389	0.977
13.6701	3.00409	49.997	49.997	49.997	33.07	0.28	0.01153	15502	12.053	46.062	0.977
13.6683	3.00283	49.999	50.005	49.999	30.6	0.308	0.00854	15502	9.564	69.396	0.977
13.6772	3.00479	50.002	50.001	49.997	28.53	0.306	0.016128	15502	8.939	70.101	0.976
13.665	2.99842	50.001	49.997	49.998	27.16	0.298	0.017917	15502	8.798	64.974	0.977
13.6921	3.00106	49.998	50	50.005	26.51	0.291	0.033839	15502	8.475	64.255	0.975
13.6516	2.98968	50.004	49.999	50.002	26.45	0.3	0.008672	15502	7.849	64.23	0.974
13.6794	3.00367	49.998	50.001	49.999	25.81	0.32	0.016378	15502	7.385	68.025	0.973
13.6691	2.99524	50.005	50.002	49.998	25.47	0.298	0.006296	15502	7.254	68.294	0.973
13.7121	3.00916	50	50	50	25.44	0.318	0.020214	15502	7.668	66.463	0.973
13.6307	2.99031	50	50	49.994	25.65	0.281	0.008806	15502	7.355	65.73	0.972
13.6656	2.99295	50	50.008	50.002	25.61	0.3	0.028274	15502	7.325	64.356	0.97
13.6757	2.99643	50	49.999	50.003	25.34	0.297	0.010869	15502	7.305	64.215	0.97
13.6657	3.00205	50.004	50.001	50	25.65	0.315	0.023264	15502	8.112	62.05	0.968
13.7199	3.01276	49.997	49.999	50.004	26.09	0.312	0.025844	15502	8.475	64.089	0.968
13.6676	2.99435	50	50	50.003	27.63	0.305	0.019141	15502	9.746	62.748	0.968
13.7186	3.01687	50.004	50.001	50	30.31	0.3	0.03615	15502	11.872	59.796	0.969
13.6723	3.00703	50	50.002	50.006	34.02	0.295	0.045515	15502	14.218	56.167	0.967
13.6722	2.99851	50.005	49.999	49.999	34.04	0.274	0.050565	15502	16.552	53.792	0.966
13.6716	3.00646	49.999	49.996	50	34.04	0.287	0.056175	15502	17.809	50.725	0.966
13.7059	3.00113	50.003	49.996	50.003	34.11	0.275	0.062407	15502	18.251	51.252	0.965
13.6535	2.99612	50.002	50.004	49.997	34.04	0.291	0.040783	15502	17.728	54.724	0.964
13.6478	2.9957	50.008	49.991	49.996	34.47	0.293	0.026651	15502	16.27	60.825	0.964
13.6429	2.99718	49.999	50.004	50.004	34.36	0.289	0.029608	15502	16.401	61.225	0.966

13.687	3.00984	50.001	49.996	49.998	34.31	0.289	0.021928	15502	14.822	63.327	0.967
13.6353	2.98917	50	49.999	49.996	31.31	0.302	0.00843	15502	11.257	70.892	0.969
13.6877	3.0044	49.998	50	50.002	28.4	0.312	0.01592	15502	8.334	78.888	0.968
13.6802	2.99789	50.002	49.998	49.997	24.44	0.301	0.011791	15502	5.407	82.513	0.97
13.6598	3.00356	50	49.999	50	23.03	0.312	0.007705	15502	4.669	81.269	0.973
13.6798	2.99645	49.999	49.996	50.005	22.99	0.295	0.014552	15502	4.023	78.781	0.973
13.6864	2.99979	50.002	49.996	49.998	22.74	0.304	0.00951	15502	3.153	72.751	0.975
13.6883	3.00918	50.002	49.999	50.002	22.29	0.307	0.010565	15502	2.739	76.933	0.977
13.644	2.99243	50.001	50.001	50	21.36	0.304	0.006904	15502	1.445	81.354	0.977
13.657	2.98853	50	49.999	50.006	20.97	0.324	0.022166	15502	1.354	84.069	0.978
13.6801	3.00412	50.001	50.004	50.001	21.16	0.307	0.008521	15502	2.476	79.946	0.977
13.6712	2.99466	50.001	49.994	49.997	21.25	0.283	0.009466	15502	1.91	80.863	0.978
13.6623	2.99657	50	50.004	49.998	20.41	0.309	0.011919	15502	0.423	84.659	0.977
13.6683	3.00112	50.002	50	49.997	21.32	0.317	0.007789	15502	0.018	85.694	0.978
13.6694	2.99437	50.005	49.998	49.998	21.01	0.298	0.01471	15502	0.382	85.306	0.978
13.6721	2.99751	50.001	50.003	50.003	21.31	0.306	0.027781	15502	2.335	79.749	0.979
13.6509	2.99462	50.002	50.001	50.002	25.75	0.304	0.010679	15502	4.316	75.166	0.98
13.6748	2.99779	49.997	50.001	50.001	28.95	0.305	0.013446	15502	7.405	63.212	0.979
13.6681	3.00279	50	50.003	50.002	30.74	0.306	0.014938	15502	8.162	59.941	0.979
13.7292	3.0191	49.998	50.005	49.999	25.16	0.306	0	15502	9.937	54.875	0.979
13.6468	2.99483	50	50.002	50.002	30.1	0.283	0.023035	15502	12.507	44.283	0.98
13.6863	2.99254	49.997	49.997	49.996	34.06	0.311	0.029003	15502	14.902	40.197	0.98
13.6807	3.00519	49.998	49.998	49.998	34.72	0.295	0.03222	15502	14.409	43.613	0.98
13.684	3.00368	50.001	49.998	49.998	34.33	0.291	0.007286	15502	11.701	57.529	0.98
13.6726	3.00564	49.998	50.001	50.001	31.92	0.301	0.009173	15502	10.29	60.716	0.981
13.6657	3.00323	50.002	49.999	50.001	30.17	0.302	0.010191	15502	9.373	63.216	0.98
13.6811	3.00532	50	49.998	49.999	29.07	0.324	0.019247	15502	4.689	70.454	0.982
13.684	3.00036	49.999	49.996	50	24.41	0.309	0.014255	15502	2.385	74.685	0.981
13.6757	3.00257	50.001	49.999	50	22.34	0.291	0.015836	15502	1.647	73.446	0.98
13.6961	3.00976	49.994	49.998	50.004	20.99	0.31	0.029908	15502	0.999	74.221	0.981
13.6704	2.99627	50	50	50.002	21.76	0.321	0.019545	15502	0.332	79.34	0.979
13.6546	2.99453	50.001	50	50.013	21.86	0.291	0.106676	15502	0.089	77.737	0.979
13.6177	2.99495	49.997	50	49.998	22.3	0.307	0.041007	15502	-0.255	77.684	0.978
13.6756	2.99787	50.002	49.996	49.998	20.97	0.311	0.045557	15502	-0.518	79.981	0.977
13.6461	2.99758	50	50.006	50.001	21.68	0.318	0.029771	15502	-0.62	82.505	0.978
13.6746	3.00127	50.003	49.994	49.996	21.82	0.317	0.056226	15502	-0.741	86.427	0.976

13.6621	3.00085	50.001	50	50	22.33	0.3	0.021614	15502	-0.417	89.341	0.973
13.7004	2.99999	50.001	50	49.999	21.14	0.308	0.024012	15502	-0.296	89.769	0.975
13.6845	3.00518	50.001	49.999	50	21.26	0.288	0.015691	15502	-0.195	90.063	0.973
13.6782	3.0055	50.003	50.004	50.004	21.96	0.288	0.029635	15502	-0.033	89.407	0.975
13.6765	3.00212	50.006	50.003	50.003	20.38	0.305	0.032923	15502	-0.357	89.589	0.973
13.683	3.00822	49.997	50.007	50.008	21.68	0.305	0.021515	15502	-0.913	89.112	0.973
13.6745	2.99937	50	49.998	49.994	22.31	0.314	0.035853	15502	-1.237	90.917	0.975
13.6751	2.99968	49.998	50.002	49.999	22.34	0.323	0.045141	15502	-2.473	87.854	0.975
13.6905	2.99821	50.006	49.997	49.995	22.36	0.322	0.026029	15502	-4.084	82.876	0.976
13.6781	2.99394	50.005	50.005	50.01	21.87	0.317	0.049158	15502	-3.081	80.274	0.975
13.6791	3.00184	50.004	50	50.002	20.9	0.324	0.011116	15502	-2.909	75.085	0.977
13.6767	2.99226	50.003	50.002	50.005	21.37	0.297	0.020993	15502	-3.152	74.767	0.979
13.6794	2.99485	50	50	49.995	21.86	0.319	0.013719	15502	-3.902	73.626	0.979
13.6531	2.99537	49.999	50.008	50.004	22.44	0.323	0.015241	15502	-4.145	73.934	0.982
13.6502	2.99589	49.996	50.002	49.996	22.25	0.31	0.00996	15502	-4.013	73.847	0.983
13.6824	3.00918	50.003	50.002	50	22.5	0.294	0.031978	15502	-4.267	74.458	0.984
13.6995	3.00853	49.998	50.001	50.006	22.91	0.306	0.020897	15502	-4.763	76.091	0.984
13.6564	2.99611	49.999	50.004	49.995	22.54	0.307	0.039467	15502	-5.139	76.713	0.986
13.6824	2.99529	50	49.998	50.001	22.34	0.306	0.025791	15502	-5.433	73.923	0.983
13.6705	2.99824	50.004	49.999	50	22.76	0.329	0.048709	15502	-5.93	79.092	0.985
13.6689	3.0023	50.002	50.004	50.004	22.71	0.297	0.016521	15502	-6.396	81.598	0.985
13.6916	3.01344	50.001	50.003	50.007	22.76	0.306	0.018354	15502	-6.772	76.855	0.986
13.668	3.00001	50.001	50.004	50.001	22.54	0.306	0.011995	15502	-7.3	79.399	0.987
13.6777	3.00076	50.001	50.001	49.998	22.89	0.293	0.022653	15502	-7.756	80.941	0.986
13.6916	3.01048	49.998	50.003	49.996	22.73	0.301	0.028521	15502	-8.162	80.539	0.986
13.6964	3.01129	49.999	49.998	49.999	22.74	0.314	0.018639	15502	-8.711	82.536	0.986
13.6535	2.9945	49.992	49.998	49.997	22.58	0.334	0.020706	15502	-8.69	83.344	0.986
13.664	3.00352	49.998	49.997	49.998	21.64	0.317	0.039106	15502	-6.254	72.143	0.987
13.6739	3.00536	49.999	50.004	50	23.03	0.288	0.015033	15502	-3.861	51.971	0.99
13.6631	2.99758	50.005	50.001	49.997	24.95	0.295	0.011134	15502	-2.544	47.069	0.988
13.6353	2.99246	50.005	50.002	50	25.84	0.312	0.021027	15502	-1.784	44.675	0.987
13.6723	2.9974	49.998	49.991	50.006	26.51	0.29	0.009161	15502	-0.478	38.553	0.987
13.6719	3.00565	50	50.001	50.005	27.84	0.313	0.010177	15502	1.161	35.021	0.987
13.6675	2.99307	50.001	49.999	50	29.85	0.309	0.032675	15502	2.072	31.384	0.986
13.6698	2.998	50.001	50.001	50.011	31.36	0.289	0.021353	15502	2.466	29.627	0.987
13.6784	2.99944	49.996	50.002	49.999	30.93	0.306	0.015814	15502	2.547	31.128	0.986

13.6729	3.00287	49.996	49.997	50	27.13	0.305	0.017569	15502	2.193	36.544	0.985
13.6916	2.99482	50.002	49.998	50	24.32	0.313	0.011481	15502	1.667	39.861	0.983
13.6734	3.00696	50	49.997	50.001	23.01	0.303	0.024575	15502	1.354	44.976	0.985
13.6867	3.0141	50	50.002	49.999	21.7	0.301	0.027301	15502	0.119	61.926	0.985
13.695	3.00755	49.998	49.995	49.996	20.96	0.303	0.03033	15502	-1.632	89.104	0.984
13.6577	3.00062	49.995	50.004	49.999	20.45	0.324	0.033695	15502	-1.653	91.977	0.983
13.6489	2.99167	50	50.001	50.001	20.45	0.287	0.012953	15502	-1.531	92.815	0.983
13.6679	2.99642	49.998	50.004	50.003	20.37	0.3	0.024462	15502	-1.45	92.837	0.983
13.6874	3.00243	49.995	50	49.996	22.34	0.308	0.005531	15502	-1.44	94.035	0.983
13.6553	2.9945	50.002	50	50.007	22.34	0.308	0.01184	15502	-1.308	95.102	0.983
13.6626	2.99495	49.997	49.999	50.003	20.48	0.308	0.013153	15502	-1.328	95.66	0.982
13.6646	2.99722	49.997	49.998	50	20.82	0.306	0.021919	15502	-1.389	95.847	0.98
13.6956	3.00344	49.995	49.997	50	21.43	0.321	0.02435	15502	-0.994	96.018	0.982
13.6839	3.00328	49.999	50.004	49.998	20.32	0.324	0.027052	15502	-0.913	96.042	0.982
13.6925	3.00642	49.999	49.995	50	20.97	0.319	0.017678	15502	-0.842	96.286	0.982
13.6619	2.99606	50.001	50.001	50	20.3	0.32	0.033387	15502	-0.832	96.175	0.981
13.6715	3.00893	49.996	50.001	50.001	20.35	0.292	0.021818	15502	-0.539	95.457	0.982
13.683	2.99546	50.003	50.004	49.997	21.11	0.305	0.014258	15502	-0.316	90.784	0.983
13.6773	3.00645	49.998	49.996	49.997	24.33	0.308	0.01056	15502	0.413	87.383	0.983
13.6783	2.99351	49.997	49.996	50.001	24.46	0.297	0.019944	15502	0.797	86.754	0.982
13.6732	3.0081	49.997	49.999	49.999	24.31	0.321	0.013033	15502	0.736	86.194	0.983
13.6707	3.00513	49.996	49.999	50.004	23.85	0.319	0.027896	15502	0.908	86.307	0.983
13.6758	2.99395	50.004	50.003	49.997	23.72	0.299	0.01823	15502	1.283	85.421	0.981
13.6547	3.00147	50	50.01	49.998	24.14	0.3	0.034429	15502	1.546	85.464	0.983
13.6483	3.00188	49.999	50	50.001	24.24	0.32	0.013235	15502	1.728	85.422	0.983
13.6482	2.99321	50.001	49.996	50	23.03	0.3	0.016664	15502	1.303	86.016	0.984
13.6726	3.0008	49.999	49.999	50.004	22.34	0.295	0.018512	15502	1.08	86.264	0.985
13.6599	3.00498	49.999	50	50.006	21.79	0.301	0.012098	15502	0.797	86.581	0.983
13.6562	2.99694	49.999	49.999	50.002	21.21	0.321	0.00896	15502	0.554	85.065	0.985
13.6873	2.99988	49.998	49.999	50.003	21.04	0.318	0.003444	15502	0.342	84.221	0.985
13.6706	3.00081	49.999	50.002	50.002	20.37	0.292	0.031958	15502	-0.174	83.163	0.986
13.6733	2.99895	50.003	49.998	50.004	20.28	0.307	0.012285	15502	-0.62	80.689	0.984
13.6613	3.00496	50.001	49.999	50	21.04	0.295	0.023202	15502	-2.524	88.053	0.985
13.6797	3.00043	49.998	49.997	49.994	21.97	0.294	0.003498	15502	-3.638	89.465	0.986
13.6911	2.99961	50.002	49.998	49.997	21.79	0.325	0.01909	15502	-4.774	87.742	0.986
13.6604	2.99252	50	50	50.001	22.56	0.327	0.036054	15502	-5.909	89.922	0.985

13.6846	2.99906	50.009	49.999	50.007	22.39	0.316	0.023561	15502	-6.62	92.225	0.987
13.6573	2.99699	49.996	50.005	50.008	22.38	0.332	0.026175	15502	-7.492	91.902	0.986
13.6776	3.00195	50.003	50.001	50.008	22.8	0.338	0.029079	15502	-7.33	92.174	0.988
13.654	2.99862	49.999	50.003	50.005	21.59	0.326	0.032305	15502	-2.483	77.539	0.989
13.67	3.00168	50.001	49.998	50.006	26.92	0.288	0.012418	15502	0.372	66.531	0.99
13.66	3.00308	49.999	49.999	50.006	30.6	0.302	0.015636	15502	1.849	59.635	0.99
13.6951	3.00513	50.001	49.998	50.002	33.87	0.298	0.029529	15502	3.487	49.879	0.991
13.6733	2.99919	50.003	49.998	49.997	34.07	0.318	0.032805	15502	3.669	51.657	0.992
13.6806	2.99241	50.001	50.009	50	31.99	0.318	0.021438	15502	3.356	54.075	0.99
13.669	3.00281	50.002	49.998	50.003	29.91	0.291	0.01401	15502	3.244	57.048	0.987
13.6699	3.00397	50	50	49.999	30.52	0.315	0.026459	15502	2.557	57.281	0.986
13.6892	3.00048	50.001	49.996	50	29.91	0.292	0.010171	15502	2.961	55.431	0.986
13.6828	3.00324	50	50.003	49.998	28.14	0.288	0.02177	15502	2.112	65.212	0.987
13.7077	2.99917	50.002	49.997	50.001	25.08	0.323	0.014227	15502	1.07	70.714	0.986
13.6812	3.00902	49.999	50	49.998	23.03	0.29	0.026869	15502	0.564	76.699	0.983
13.6608	2.99959	50.002	50.006	49.999	21.76	0.292	0.0199	15502	0.261	75.161	0.983
13.6893	3.00272	50.002	50.001	49.999	21.38	0.313	0.022107	15502	0.139	74.554	0.983
13.6829	3.00018	50.003	49.998	49.999	21.01	0.318	0.008498	15502	0.19	76.306	0.983
13.6486	2.99156	50.004	50.003	50.006	20.97	0.331	0.01605	15502	-0.215	85.027	0.983
13.6824	3.00277	49.995	50.007	50.002	20.98	0.323	0.020208	15502	0.524	85.344	0.982
13.6488	2.99632	50	50.002	50.002	21.63	0.321	0.013206	15502	0.989	85.698	0.982
13.6764	3.00366	49.997	50.005	50	21.58	0.307	0.014671	15502	1.202	88.355	0.982
13.6777	2.99675	49.999	50.001	50	21.48	0.307	0.016298	15502	1.06	90.151	0.981
13.683	3.0051	50.007	50	49.999	21.59	0.321	0.010651	15502	1.333	89.747	0.982
13.6555	2.99913	50	49.999	50	21.66	0.307	0.022797	15502	1.202	90.647	0.982
13.6591	2.99622	49.996	50.003	50.003	21.66	0.29	0.025327	15502	1.01	91.165	0.979
13.6892	2.99911	50	50	49.998	21.65	0.29	0.009736	15502	1.06	91.562	0.981
13.6551	2.99324	50.003	49.997	50.003	22.3	0.325	0.018387	15502	1.849	89.529	0.982
13.6685	2.99272	49.999	50.003	49.998	23.05	0.289	0.039356	15502	2.577	86.641	0.983
13.6574	2.99807	50.007	50.001	50	24.37	0.289	0.025719	15502	4.134	83.185	0.983
13.6593	3.00008	50.001	50	50.005	24.94	0.325	0.009887	15502	4.437	82.193	0.984
13.6814	2.99796	50.005	50.001	50.002	27.08	0.302	0.021161	15502	5.477	77.846	0.987
13.6746	3.00674	49.999	50	50.002	27.76	0.301	0.013829	15502	5.447	79.552	0.986
13.6498	2.99337	50.003	49.999	49.995	26.78	0.314	0.010242	15502	5.164	77.217	0.986
13.651	2.99732	50.001	49.999	49.999	26.98	0.319	0.007586	15502	5.578	73.195	0.988
13.6627	2.99923	49.999	49.999	49.999	27.98	0.289	0.004957	15502	5.407	69.579	0.988

13.6793	2.99533	49.998	49.999	49.998	26.77	0.328	0.01061	15502	4.952	72.786	0.99
13.6785	2.9981	49.999	49.999	50.004	25.86	0.307	0.034066	15502	3.76	78.959	0.987
13.6651	3.00393	49.999	50.006	49.998	24.69	0.319	0.02523	15502	3.083	77.535	0.991
13.7143	3.00783	50	49.998	50.002	23.7	0.309	0.005705	15502	2.395	77.268	0.99
13.674	2.99183	50.002	49.996	50	23.59	0.313	0.018317	15502	2.153	78.291	0.991
13.665	3.00708	50	50.006	49.996	23.7	0.309	0.013566	15502	2.011	79.083	0.99
13.6732	3.00425	49.998	50.006	50	23.72	0.312	0.008865	15502	1.728	80.381	0.991
13.68	2.99127	50	49.999	50	23.72	0.303	0.009849	15502	1.525	81.74	0.99
13.6572	2.99629	50	49.998	49.998	23.15	0.29	0.010941	15502	1.515	80.541	0.991
13.674	2.99522	49.999	50	49.997	23.03	0.307	0.012155	15502	1.546	82.064	0.99
13.6666	3.00411	49.998	50.003	50	22.91	0.304	0.022957	15502	1.121	81.416	0.991
13.6642	2.99809	49.999	49.998	49.995	21.94	0.304	0.025503	15502	0.413	83.149	0.988
13.6622	3.003	49.997	50	50	20.44	0.316	0.009804	15502	-1.45	88.661	0.987
13.683	3.00922	50.001	49.997	50.004	21.02	0.305	0.05351	15502	-1.653	90.4	0.988
13.6404	2.98724	50	50.002	50	20.72	0.303	0.0121	15502	-0.964	89.817	0.99
13.6676	3.01296	49.998	50.002	50.001	22.34	0.321	0.038848	15502	3.8	76.016	0.988
13.6688	3.0097	49.996	49.999	49.999	27.05	0.318	0.043158	15502	4.841	75.572	0.99
13.6895	3.00393	50.001	50.003	50	29.9	0.307	0.018802	15502	6.315	71.576	0.988
13.654	2.99761	50	49.999	50.004	30.57	0.314	0.020888	15502	8.061	69.031	0.986
13.665	3.00273	50.003	50.002	50	32.63	0.302	0.023205	15502	10.109	60.915	0.986
13.674	2.99574	50.001	50.004	50.001	34.03	0.286	0.02578	15502	10.925	58.804	0.986
13.647	2.99236	50	49.997	50.001	34.72	0.31	0.048688	15502	12.406	54.703	0.983
13.6755	3.00402	50.002	49.998	49.998	34.01	0.286	0.091952	15502	13.332	53.211	0.982
13.6687	3.00131	50.007	50.004	50.003	34.57	0.299	0.04006	15502	13.594	51.756	0.983
13.6691	3.00642	50	49.995	49.995	33.72	0.283	0.044505	15502	13.312	54.956	0.981
13.6362	2.99495	49.998	49.995	49.998	32.64	0.319	0.017108	15502	11.55	59.917	0.983
13.6555	3.00212	49.999	50	49.996	30.43	0.312	0.054927	15502	10.854	63.807	0.981
13.6623	2.99218	49.998	50.004	49.996	28.88	0.304	0.061021	15502	9.957	71.247	0.979
13.654	2.99911	49.999	49.997	49.998	27.91	0.305	0.045194	15502	9.967	73.081	0.979
13.6487	2.99535	50.001	50.001	50	27.32	0.309	0.033472	15502	9.564	70.486	0.98
13.6563	2.99813	50	50.003	50.001	27.21	0.316	0.037185	15502	9.06	72.172	0.979
13.6774	3.00254	50.003	50.003	50.004	27.05	0.312	0.046819	15502	8.556	73.724	0.979
13.6715	2.99547	50	50.001	50.002	26.77	0.315	0.052013	15502	8.112	73.786	0.98
13.6809	3.00022	49.997	50.001	50.003	27.58	0.31	0.02266	15502	8.657	71.362	0.978
13.6818	3.0073	49.995	50	49.998	28.27	0.302	0.025174	15502	10.572	66.362	0.977
13.6712	2.99869	49.999	49.998	49.997	27.92	0.301	0.018645	15502	10.23	75.551	0.978

13.6437	2.99805	50.001	49.998	50.001	27.85	0.301	0.067843	15502	9.413	77.841	0.978
13.641	2.98695	50.001	49.999	49.996	27.84	0.306	0.044335	15502	9.12	78.276	0.977
13.681	3.00666	50	50	50.009	27.84	0.306	0.055821	15502	9.292	80.609	0.978
13.6508	2.99182	50.001	49.997	49.996	28.78	0.303	0.024319	15502	10.35	81.017	0.98
13.6825	3.00393	50.001	50.003	50.001	30.42	0.297	0.045929	15502	11.207	81.574	0.98
13.6996	3.01653	49.998	50.001	50.016	31.71	0.299	0.034016	15502	13.463	70.542	0.98
13.687	3.01014	49.998	49.999	50.005	34.11	0.308	0.064243	15502	13.624	72.416	0.98
13.6568	2.99472	50	50.002	50.001	34.03	0.278	0.04758	15502	15.295	68.264	0.979
13.6387	2.99162	50	50	50.004	33.92	0.29	0.052859	15502	15.617	70.19	0.979
13.6737	3.00111	50.003	49.999	50.003	34.03	0.291	0.066553	15502	15.798	68.413	0.978
13.6447	2.99851	50.004	49.998	50.002	34.76	0.302	0.025584	15502	15.355	70.44	0.978
13.6631	2.99729	49.999	50.002	49.999	34.65	0.279	0.048317	15502	14.902	72.906	0.977
13.6843	3.01217	50.001	50.001	50.001	34.68	0.299	0.031575	15502	15.275	73.776	0.979
13.6667	3.00446	49.999	49.998	50.003	34.93	0.291	0.023385	15502	15.043	76.268	0.979
13.6957	2.99858	50	49.998	50.003	34.72	0.301	0.075082	15502	16.803	70.902	0.978
13.6692	2.99079	49.998	49.999	50.001	34.72	0.287	0.028862	15502	16.622	69.613	0.979
13.6887	3.01199	49.998	50.002	49.998	34.11	0.29	0.032064	15502	15.989	69.96	0.977
13.6746	3.00131	50.004	49.996	49.998	34.02	0.297	0.040371	15502	15.818	69.518	0.978
13.6885	3.00166	50	49.999	49.997	33.55	0.309	0.04485	15502	15.607	70.515	0.98
13.6282	2.98402	50.003	50	50.003	32.81	0.287	0.029309	15502	14.923	72.511	0.979
13.658	2.99898	50.002	49.998	50.005	32.63	0.302	0.062734	15502	14.349	79.008	0.98
13.6705	3.00129	50.002	50	49.998	32.71	0.298	0.024115	15502	14.902	80.084	0.979
13.6586	2.99574	50.002	50.002	50.001	33.05	0.297	0.026791	15502	15.637	79.388	0.98
13.6718	3.00254	50.002	49.994	49.998	33.35	0.314	0.029763	15502	16.15	77.993	0.979
13.6648	3.00335	49.999	49.997	49.999	33.35	0.298	0.022043	15502	15.506	79.665	0.979
13.6959	3.00602	49.999	49.998	50.003	33.35	0.316	0.070773	15502	15.084	81.419	0.98
13.6426	2.9893	50.001	49.995	49.999	32.94	0.294	0.016003	15502	14.601	81.856	0.978
13.6732	3.00107	50.002	50.002	49.999	33.29	0.278	0.051381	15502	14.741	80.398	0.98
13.6655	2.99962	49.997	49.997	49.998	33.94	0.297	0.022385	15502	17.105	71.371	0.98
13.6704	3.00323	50	50.003	49.999	33.62	0.285	0.014628	15502	18.994	65.327	0.98
13.6607	2.99394	50.003	49.997	50.003	33.71	0.291	0.027627	15502	20.491	60.352	0.98
13.6811	3.00238	50	49.999	49.998	33.46	0.29	0.030692	15502	20.892	59.999	0.98
13.6109	2.98806	49.999	50.002	49.997	33.42	0.288	0.098541	15502	21.053	59.725	0.978
13.6665	2.99853	49.995	49.999	49.999	33.35	0.28	0.022282	15502	22.237	56.361	0.977
13.6984	3.00432	50.003	50.001	49.998	33.35	0.269	0.024754	15502	22.899	54.357	0.978
13.6777	2.9947	49.999	49.998	50	33.35	0.273	0.009516	15502	22.849	55.217	0.977

13.6309	2.99204	50	50.004	49.995	33.44	0.287	0.030552	15502	21.835	59.125	0.977
13.6902	3.00237	50	50.004	49.997	33.93	0.309	0.033941	15502	20.28	63.409	0.976
13.7165	3.00571	50.002	50	50.001	34.15	0.284	0.064101	15502	19.286	69.582	0.977
13.7019	3.01763	49.997	50.005	50.001	34.08	0.288	0.027927	15502	18.19	74.491	0.979
13.6837	2.99915	49.995	50.004	50.002	34.76	0.298	0.01825	15502	17.185	78.886	0.977
13.6619	2.99638	49.996	50	50	34.76	0.301	0.011926	15502	17.356	79.761	0.979
13.6667	2.99624	49.998	50.001	50.005	34.49	0.301	0.025527	15502	17.407	80.406	0.979
13.6948	3.00133	49.999	50.004	50.003	34.74	0.29	0.028359	15502	16.371	88.076	0.979
13.6884	3.01048	50.004	49.998	49.997	34.06	0.291	0.031505	15502	15.245	92.922	0.979
13.6858	3.00427	50.001	50.001	49.997	33.35	0.296	0.023334	15502	15.084	93.756	0.976
13.6741	3.00491	50.002	50.004	50.003	33.16	0.301	0.074916	15502	14.902	93.096	0.976
13.6617	2.9996	50	49.998	50.001	33.43	0.278	0.028798	15502	15.104	89.519	0.977
13.6502	2.99518	49.997	49.998	49.998	33.39	0.307	0.021329	15502	14.882	89.646	0.978
13.6774	2.99526	49.999	50	49.999	33.15	0.285	0.040282	15502	15.144	90.462	0.978
13.6926	2.99846	49.997	50.001	50.008	32.83	0.292	0.026324	15502	14.812	91.657	0.978
13.6619	2.99709	49.993	50	49.999	33.36	0.283	0.011468	15502	15.929	89.359	0.979
13.6905	3.00184	50.003	49.997	49.996	33.98	0.278	0.007495	15502	17.085	86.046	0.98
13.6723	3.00165	50.001	50.008	50.001	33.84	0.313	0.008326	15502	16.994	86.717	0.979
13.693	3.01196	50	50.002	50	34.04	0.293	0.010483	15502	17.497	84.157	0.98
13.6559	3.00105	49.998	49.999	49.997	34.72	0.308	0.006851	15502	14.902	89.154	0.982
13.646	2.99349	50.001	50.001	50.008	33.87	0.314	0.007611	15502	13.705	91.282	0.982
13.6638	2.99801	50.003	50	49.997	33.39	0.279	0.014373	15502	13.715	91.927	0.982
13.6704	3.00845	50.002	50.001	49.999	34	0.296	0.018097	15502	15.204	85.885	0.982
13.6804	2.99821	49.998	50.003	50.004	33.59	0.304	0.006957	15502	15.114	82.51	0.981
13.6833	2.99865	50.002	50.003	50.005	34.07	0.299	0.01489	15502	14.58	83.259	0.982
13.6715	2.99942	49.999	49.999	50	33.72	0.317	0.016542	15502	13.654	81.616	0.982
13.6632	3.0011	50	50	50	32.32	0.279	0.003741	15502	12.728	82.766	0.983
13.6716	2.99697	50.002	50.001	49.998	31.33	0.293	0.023138	15502	11.6	84.155	0.982
13.6297	2.99272	50.001	50	49.999	30.6	0.304	0.015121	15502	10.864	83.221	0.984
13.6597	3.00176	49.997	50.007	50.001	30.5	0.313	0.016798	15502	9.967	81.918	0.984
13.6818	3.00207	50.003	49.999	50	30.04	0.31	0.010978	15502	9.504	81.524	0.982
13.6811	2.99637	50.002	49.999	50	29.91	0.299	0.020732	15502	9.282	82.288	0.982
13.6661	2.99175	50.004	50	50.002	29.87	0.318	0.003125	15502	8.959	84.165	0.983
13.6335	2.9878	50.002	50	50.001	29.33	0.286	0.010034	15502	8.586	85.348	0.983
13.6565	3.0041	49.998	49.998	49.991	28.92	0.324	0.007432	15502	8.102	86.597	0.984
13.6895	3.01185	49.998	49.997	50	28.66	0.324	0.014036	15502	7.91	85.482	0.983

13.6556	2.99452	50.002	49.995	49.995	28.53	0.307	0.009172	15502	7.587	86.83	0.984
13.6667	2.99734	50.002	49.998	50.002	28.43	0.298	0.005994	15502	7.183	87.977	0.985
13.6834	3.0022	49.998	49.999	49.994	27.85	0.305	0.01283	15502	7.123	87.654	0.983
13.6581	2.99804	50.002	50.001	50.001	28.53	0.317	0.008384	15502	7.971	84.763	0.986
13.6517	3.00238	50	50.002	50.002	29.34	0.318	0.00621	15502	8.455	82.498	0.986
13.6804	3.00338	50	49.999	50	31.28	0.308	0.019936	15502	9.705	79.288	0.987
13.6507	2.99234	50.003	49.998	50.001	32.75	0.296	0.022148	15502	10.592	73.206	0.986
13.6533	3.00138	49.999	49.999	50.004	33.35	0.304	0.005008	15502	10.371	73.991	0.987
13.6825	3.00183	50	49.995	50.003	34.71	0.313	0.005564	15502	11.076	70.43	0.988
13.6734	2.99987	50.002	50.003	50.001	34.27	0.287	0.010508	15502	11.237	71.392	0.987
13.6588	2.99123	49.995	50.003	49.999	34.15	0.303	0.006867	15502	11.358	69.681	0.986
13.6883	3.00098	50	50.001	50.001	34.72	0.31	0.042477	15502	11.943	67.679	0.985
13.6572	2.99381	49.997	50	49.995	34.1	0.313	0.00565	15502	11.116	68.478	0.985
13.6542	2.9916	49.997	49.997	49.996	32.76	0.304	0.006277	15502	10.119	72.825	0.988
13.6649	2.99737	50.001	49.997	49.999	30.15	0.291	0.011854	15502	7.183	85.556	0.988
13.6941	3.00577	50	50	50	28.61	0.318	0.014926	15502	6.77	89.621	0.987
13.6943	3.00522	50.009	50.003	50	27.21	0.312	0.009754	15502	5.083	91.62	0.989
13.6735	3.00596	49.998	50.001	49.999	25.82	0.331	0.018421	15502	4.538	93.871	0.99
13.6651	3.0074	50.001	49.998	49.998	24.92	0.291	0.03479	15502	4.073	94.003	0.99
13.672	2.99962	49.999	49.999	50.005	24.32	0.303	0.013374	15502	3.467	93.674	0.991
13.6965	3.00766	49.999	50.004	50.002	23.82	0.303	0.025257	15502	2.982	94.513	0.991
13.6597	3.00134	50.003	50.005	49.994	23.65	0.313	0.018706	15502	2.749	94.919	0.99
13.6681	2.99647	49.996	49.998	49.998	23.36	0.289	0.020782	15502	2.213	95.215	0.992
13.6903	3.00717	49.998	50	50.002	23.39	0.303	0.009054	15502	1.94	95.349	0.992
13.672	3.01121	49.997	49.999	49.999	23.01	0.29	0.005917	15502	1.182	95.708	0.992
13.7018	3.00363	50.002	50.003	50.004	22.59	0.333	0.006573	15502	0.777	96.047	0.993
13.6467	2.99182	50.003	49.999	50.002	22.37	0.324	0.021104	15502	0.999	96.341	0.994
13.6608	2.99914	50.003	49.998	50.001	24.5	0.313	0.01563	15502	5.154	96.348	0.995
13.6343	2.99535	50	50.006	50	31.32	0.328	0.029519	15502	8.868	75.697	0.995
13.7122	3.00915	49.996	49.997	50.001	34.76	0.309	0.01929	15502	10.915	68.547	0.995
13.6743	2.99823	49.996	50.002	50.002	34.22	0.289	0.024288	15502	12.104	60.842	0.997
13.6913	3.00378	49.998	49.999	50.001	34.03	0.304	0.015872	15502	13.916	56.777	0.995
13.6716	2.99715	50.001	50.001	49.998	34.04	0.316	0.017633	15502	15.617	51.821	0.996
13.6702	2.9985	50.002	49.998	50.003	33.89	0.289	0.013059	15502	16.472	46.389	0.993
13.6832	3.00642	50	50.003	49.997	33.98	0.297	0.041929	15502	16.944	39.793	0.993
13.6927	3.00491	50	50.001	49.999	33.94	0.302	0.010745	15502	17.366	39.375	0.992

13.6998	3.00641	50.002	49.997	50.002	33.89	0.314	0.007022	15502	17.035	38.809	0.992
13.6645	2.99582	50	49.997	50.003	34.1	0.296	0.013262	15502	13.654	51.857	0.993
13.656	2.99681	49.997	50	50.002	32.14	0.319	0.139457	15502	9.181	72.794	0.992
13.6848	3.0037	50	49.998	50	29.56	0.328	0.01855	15502	7.607	80.398	0.993
13.6819	3.00013	49.997	50.001	49.997	27.83	0.317	0.020608	15502	7.89	75.744	0.992
13.6673	2.99646	50	50.002	49.997	26.47	0.312	0.025946	15502	6.174	78.969	0.991
13.6519	2.99812	50.004	50	50.001	25.51	0.319	0.011304	15502	4.71	83.248	0.991
13.6738	3.00332	50.001	50.001	50.005	24.88	0.303	0.036293	15502	4.578	84.515	0.991
13.6349	2.98815	49.994	50	49.999	24.41	0.303	0.013951	15502	3.517	88.716	0.99
13.6753	2.99923	50	50.001	50.004	23.74	0.295	0.017566	15502	3.194	89.419	0.988
13.6289	2.99088	49.998	49.999	49.999	23.44	0.327	0.019514	15502	2.314	91.392	0.988
13.6565	2.99731	49.998	50.004	49.998	23.03	0.315	0.012752	15502	1.677	92.437	0.987
13.689	2.99817	49.996	50	49.997	22.97	0.322	0.027296	15502	1.546	93.021	0.986
13.6692	3.00535	50.002	50.001	50.005	23.02	0.307	0.010493	15502	1.879	93.828	0.986
13.6806	3.00581	50	49.998	49.999	23.59	0.289	0.007771	15502	3.002	93.964	0.987
13.6901	3.0001	50	50.007	50.004	25.09	0.321	0.008633	15502	5.124	93.753	0.987
13.6714	3.00813	50.002	49.997	49.996	27.23	0.316	0.01087	15502	6.366	91.303	0.986
13.6489	3.00054	50.001	50.011	50.009	29.81	0.285	0.004179	15502	8.979	87.805	0.988
13.659	2.99012	50.001	50.005	49.995	33.3	0.307	0.034083	15502	15.335	65.794	0.985
13.6528	2.99991	50.001	50.001	49.993	34.02	0.278	0.008734	15502	16.22	58.348	0.983
13.6624	3.00019	49.999	49.997	49.998	34.04	0.307	0.009703	15502	16.602	57.124	0.983
13.6884	3.00669	49.996	50.003	50.001	34.15	0.303	0.020769	15502	15.486	60.698	0.984
13.6868	3.00428	50.005	50.001	49.998	34.09	0.297	0.015382	15502	15.023	64.498	0.984
13.6955	2.99653	49.998	50.002	49.998	35.07	0.303	0.019368	15502	14.158	68.415	0.983
13.6668	2.99887	49.996	50.002	49.998	34.7	0.305	0.007445	15502	13.423	70.667	0.983
13.6652	3.00134	50.004	49.998	49.997	33.37	0.302	0.009374	15502	12.507	75.098	0.982
13.6665	2.99973	50.001	49.998	49.998	32.65	0.318	0.020064	15502	11.902	77.978	0.983
13.6655	3.0024	50.001	50.003	49.999	32.1	0.31	0.02229	15502	11.499	78.94	0.982
13.675	2.99389	50.003	49.996	50.002	31.55	0.306	0.016508	15502	11.096	80.43	0.982
13.6455	2.99371	50.003	50	49.997	31.31	0.314	0.01834	15502	10.965	80.693	0.982
13.6846	3.0058	49.996	49.999	50.002	31.13	0.29	0.023091	15502	10.25	88.257	0.981
13.6654	2.9966	49.999	49.995	49.994	29.29	0.298	0.01509	15502	9.504	93.501	0.978
13.6687	3.0017	49.997	49.992	49.997	28.56	0.292	0.011176	15502	9.403	94.766	0.978
13.6706	3.00228	49.997	49.997	49.998	27.84	0.322	0.021107	15502	9.867	95.266	0.978

13.6686	2.99938	49.996	49.999	49.998	27.8	0.301	0.005409	15502	9.877	95.557	0.976
13.664	2.9973	50.006	49.995	50.004	27.84	0.305	0.006811	15502	10.048	95.891	0.976
13.6616	2.99933	49.998	49.999	49.999	27.9	0.301	0.014577	15502	10.461	95.513	0.977
13.6911	3.00144	50.002	50	50.001	28.07	0.31	0.009526	15502	10.552	93.722	0.976
13.6246	2.9841	49.998	49.996	50	28.51	0.316	0.011994	15502	10.512	93.774	0.974
13.696	3.00998	49.999	49.997	50.001	28.53	0.282	0.007838	15502	10.562	94.209	0.973
13.6338	2.98756	50.003	50	50.004	28.94	0.32	0.003415	15502	11.026	94.503	0.975
13.6582	2.99721	50.004	50	49.999	29.23	0.306	0.018638	15502	10.996	94.704	0.973
13.6937	3.00994	49.999	49.997	50.001	29.18	0.31	0.004776	15502	11.197	94.613	0.973
13.6812	3.00424	49.999	49.997	50.001	29.9	0.309	0.005306	15502	11.137	95.244	0.972
13.6751	2.99481	50.002	50.001	50.002	30.38	0.305	0.017037	15502	11.268	95.819	0.972
13.6681	2.99715	50.002	49.996	49.996	30.84	0.312	0.007422	15502	11.419	95.675	0.973
13.6749	2.99782	50.005	49.995	49.999	30.71	0.308	0.009345	15502	11.006	95.788	0.972
13.6785	3.00323	50.001	50.007	49.996	30.14	0.297	0.011766	15502	9.907	95.627	0.972
13.6694	2.9948	49.995	49.999	50.015	29.23	0.31	0.004523	15502	9.181	95.649	0.973
13.664	3.00107	49.997	49.997	49.997	29.22	0.316	0.009681	15502	8.939	95.5	0.973
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13.6982	3.00626	50.001	49.997	49.999	29.4	0.294	0.004223	15502	8.394	95.774	0.972
13.6811	2.99943	50	49.997	49.998	29.23	0.281	0.004691	15502	8.152	95.605	0.973
13.6762	3.00274	49.999	49.998	50.001	29.22	0.291	0.010041	15502	8.112	95.472	0.972
13.6801	3.00914	50.002	50.003	49.999	28.91	0.299	0.006562	15502	8.061	95.539	0.972
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13.7042	3.0114	49.997	50.003	50.003	32.46	0.277	0.012177	15502	12.597	91.303	0.973
13.6825	2.99909	49.999	49.998	50.003	34.06	0.297	0.022998	15502	14.077	88.323	0.973
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Serial Number	Variant	Software Version
1405A229261409	Single	1.7

MAX	64.48	94.71	174.78	242.02	113.54	4.00	###########
AVERAGE	12.31	12.93	13.45	13.83	38.10	3.99	976730.04
Units / Setting	24 hour Average ug/M^3	12 hour Average ug/M^3	1 hour Average ug/M^3	Current Conc. ug/M^3	Below 90%	Mode	Setting

Date	Time	tmoTEOMAMC 24Hr_0	tmoTEOMAMC 12Hr_0	tmoTEOMAMC 1Hr_0	tmoTEOMAMC_0	tmoTEOMA FilterLoad_ 0	tmo Operating Mode_0	tmo Status Condition_0
2/2/2015	20:00:00	0.00	(null)	0.00	(null)	(null)	(null)	33554496
2/2/2015	21:00:01	0.00	(null)	0.00	(null)	(null)	(null)	0
2/2/2015	22:00:01	0.00	(null)	0.00	(null)	(null)	(null)	0
2/2/2015	23:00:01	0.00	(null)	0.00	(null)	(null)	(null)	0
2/3/2015	0:00:00	0.00	(null)	14.47	(null)	(null)	(null)	0
2/3/2015	1:00:00	0.00	(null)	13.11	(null)	(null)	(null)	0
2/3/2015	2:00:01	0.00	(null)	9.03	(null)	(null)	(null)	0
2/3/2015	3:00:01	0.00	(null)	9.48	(null)	(null)	(null)	0
2/3/2015	4:00:01	0.00	(null)	8.51	(null)	(null)	(null)	0
2/3/2015	5:00:00	0.00	(null)	7.61	(null)	(null)	(null)	0
2/3/2015	6:00:00	0.00	(null)	7.57	(null)	(null)	(null)	0
2/3/2015	7:00:01	0.00	(null)	7.52	(null)	(null)	(null)	0
2/3/2015	8:00:01	0.00	(null)	7.28	(null)	(null)	(null)	0
2/3/2015	9:00:01	0.00	(null)	8.17	(null)	(null)	(null)	0
2/3/2015	9:32:51	0.00	0.00	0.00	0.00	19.4002	1	0
2/3/2015	10:00:00	0.00	(null)	6.95	(null)	(null)	(null)	0
2/3/2015	10:32:50	0.00	0.00	0.00	0.00	19.4002	1	0
2/3/2015	11:00:00	0.00	(null)	10.24	(null)	(null)	(null)	0
2/3/2015	11:32:50	0.00	0.00	0.00	0.00	19.8086	1	0
2/3/2015	12:32:50	0.00	0.00	0.00	0.00	19.6044	3	0
2/3/2015	13:35:19	0.00	0.00	0.00	0.00	26.5476	1	0
2/3/2015	14:32:50	0.00	0.00	0.00	0.00	7.35164	3	0
2/3/2015	15:32:50	0.00	0.00	0.00	13.10	7.76007	4	0
2/3/2015	16:32:50	0.00	0.00	0.00	0.00	19.6044	3	0
2/3/2015	17:32:49	0.00	0.00	0.00	-15.11	19.6044	4	0

2/3/2015	18:32:49	0.00	0.00	0.00	-4.25	19.6044	4	0
2/3/2015	19:32:49	0.00	0.00	-3.97	-3.61	19.8086	4	0
2/3/2015	20:32:49	0.00	0.00	-4.27	-1.66	19.6044	4	0
2/3/2015	21:32:49	0.00	0.00	-5.74	-1.41	20.0128	4	0
2/3/2015	22:32:49	0.00	0.00	-1.77	-3.39	20.217	4	0
2/3/2015	23:32:49	0.00	0.00	0.06	1.76	19.8086	4	0
2/4/2015	0:32:50	0.00	0.00	1.03	2.92	20.0128	4	0
2/4/2015	1:32:50	0.00	0.00	1.68	3.34	20.0128	4	0
2/4/2015	2:32:49	0.00	0.00	2.56	5.00	20.0128	4	0
2/4/2015	3:32:49	0.00	0.00	3.47	4.34	20.0128	4	0
2/4/2015	4:32:49	0.00	0.00	3.50	4.87	20.217	4	0
2/4/2015	5:32:50	0.00	0.00	3.64	6.18	20.8297	4	0
2/4/2015	6:32:50	0.00	0.36	4.09	4.00	20.217	4	0
2/4/2015	7:32:49	0.00	1.08	4.78	7.88	20.4212	4	0
2/4/2015	8:32:49	0.00	2.17	8.67	10.97	20.217	4	0
2/4/2015	9:32:49	0.00	4.85	26.47	32.37	21.0339	4	0
2/4/2015	10:32:50	0.00	0.00	0.00	0.00	19.6044	1	0
2/4/2015	11:32:50	0.00	0.00	0.00	-34.03	18.9918	4	0
2/4/2015	14:00:00	0.00	0.00	0.00	0.00	20.0128	1	33554496
2/4/2015	15:00:01	0.00	0.00	0.00	0.00	21.2381	3	0
2/4/2015	16:00:00	0.00	0.00	0.00	21.63	22.0549	4	0
2/4/2015	17:00:00	0.00	0.00	0.00	-2.35	23.076	4	0
2/4/2015	18:00:01	0.00	0.00	0.21	2.22	22.8718	4	0
2/4/2015	19:00:01	0.00	0.00	1.72	2.50	23.8928	4	0
2/4/2015	20:00:01	0.00	0.00	3.15	2.95	24.5055	4	0
2/4/2015	21:00:00	0.00	0.00	3.37	1.09	24.7097	4	0
2/4/2015	22:00:00	0.00	0.00	3.16	3.27	24.7097	4	0
2/4/2015	23:00:01	0.00	0.00	4.12	4.22	24.5055	4	0
2/5/2015	0:00:01	0.00	0.00	4.82	3.35	25.3223	4	0
2/5/2015	1:00:00	0.00	0.00	5.07	5.02	24.9139	4	0
2/5/2015	2:00:01	0.00	0.00	5.62	3.92	25.1181	4	0
2/5/2015	3:00:00	0.00	0.00	5.35	5.32	26.3434	4	0
2/5/2015	4:00:01	0.00	0.00	5.79	6.13	26.7518	4	0
2/5/2015	5:00:00	0.00	4.23	8.45	10.32	26.1392	4	0
2/5/2015	6:00:00	0.00	4.85	7.86	8.01	27.1602	4	0
2/5/2015	7:00:01	0.00	5.33	7.41	6.16	26.7518	4	0

2/5/2015	8:00:01	0.00	5.80	8.40	11.52	26.7518	4	0
2/5/2015	9:00:00	0.00	6.19	7.74	11.56	25.935	4	0
2/5/2015	10:00:01	0.00	6.79	10.35	7.37	26.3434	4	0
2/5/2015	11:00:01	0.00	0.00	0.00	0.00	23.076	1	0
2/5/2015	12:00:00	0.00	0.00	0.00	0.00	23.2802	3	0
2/5/2015	13:00:00	0.00	0.00	0.00	-50.51	23.2802	4	0
2/5/2015	14:00:01	0.00	0.00	0.00	-30.77	23.4844	4	0
2/5/2015	15:00:00	0.00	0.00	-19.94	-18.86	23.6886	4	0
2/5/2015	16:00:00	0.00	0.00	-13.54	-12.10	23.8928	4	0
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2/5/2015	18:00:00	0.00	0.00	-5.52	-5.01	24.9139	4	0
2/5/2015	19:00:00	0.00	0.00	-0.80	-1.96	24.5055	4	0
2/5/2015	20:00:01	0.00	0.00	1.57	2.59	24.9139	4	0
2/5/2015	21:00:01	0.00	0.00	2.02	1.62	24.9139	4	0
2/5/2015	22:00:00	0.00	0.00	3.63	4.16	25.1181	4	0
2/5/2015	23:00:00	0.00	0.00	3.78	5.15	24.0971	4	0
2/6/2015	0:00:01	0.00	0.00	3.60	1.67	24.5055	4	0
2/6/2015	1:00:00	0.00	0.00	3.60	3.07	24.7097	4	0
2/6/2015	2:00:00	0.00	-1.84	4.01	4.27	24.7097	4	0
2/6/2015	3:00:01	0.00	0.32	5.88	4.89	25.1181	4	0
2/6/2015	4:00:01	0.00	1.99	6.37	4.43	24.7097	4	0
2/6/2015	5:00:00	0.00	2.97	7.78	7.53	25.5266	4	0
2/6/2015	6:00:01	0.00	4.04	7.04	7.49	25.1181	4	0
2/6/2015	7:00:01	0.00	4.78	8.01	8.75	25.3223	4	0
2/6/2015	8:00:00	0.00	5.31	7.74	7.63	25.3223	4	0
2/6/2015	9:00:00	0.00	5.75	7.26	13.69	25.3223	4	0
2/6/2015	10:00:01	0.00	6.09	7.49	8.52	25.3223	4	0
2/6/2015	11:00:01	0.00	6.67	10.51	11.03	25.1181	4	0
2/6/2015	12:00:00	0.00	7.03	7.60	9.69	24.9139	4	0
2/6/2015	13:00:01	0.00	7.41	7.87	9.52	24.9139	4	0
2/6/2015	14:00:01	2.92	7.91	10.11	12.50	25.3223	4	0
2/6/2015	15:00:00	4.23	8.26	10.12	11.29	25.5266	4	0
2/6/2015	16:00:00	5.25	8.55	10.08	9.42	25.5266	4	0
2/6/2015	17:00:00	5.82	8.68	9.70	13.16	25.935	4	0
2/6/2015	18:00:00	6.57	9.08	12.14	12.43	26.1392	4	0
2/6/2015	19:00:01	7.04	9.25	10.38	9.00	26.5476	4	0

2/6/2015	20:00:01	7.32	9.28	8.12	7.26	26.956	4	0
2/6/2015	21:00:00	7.57	9.33	7.98	6.43	27.1603	4	0
2/6/2015	22:00:00	7.68	9.21	5.71	4.96	26.5476	4	0
2/6/2015	23:00:01	7.74	8.78	5.58	7.05	27.3645	4	0
2/7/2015	0:00:00	7.84	8.65	6.16	7.54	27.3645	4	0
2/7/2015	1:00:00	7.99	8.60	7.22	4.01	27.5687	4	0
2/7/2015	2:00:01	8.12	8.33	6.61	7.48	27.5687	4	0
2/7/2015	3:00:01	8.18	8.12	7.60	6.37	27.5687	4	0
2/7/2015	4:00:00	8.26	8.01	8.90	13.46	27.7729	4	0
2/7/2015	5:00:01	8.27	7.87	8.13	6.24	27.7729	4	0
2/7/2015	6:00:00	8.25	7.42	6.52	6.11	28.1813	4	0
2/7/2015	7:00:01	8.21	7.13	6.96	6.65	28.5897	4	0
2/7/2015	8:00:01	8.31	7.24	8.80	15.98	27.9771	4	0
2/7/2015	9:00:00	8.37	7.28	8.50	10.38	28.1813	4	0
2/7/2015	10:00:00	8.42	7.49	7.88	6.81	27.3645	4	0
2/7/2015	11:00:01	8.45	7.93	10.68	10.03	27.3645	4	0
2/7/2015	12:00:01	8.52	8.21	9.51	12.19	28.1813	4	0
2/7/2015	13:00:00	8.85	8.88	15.05	14.83	27.9771	4	0
2/7/2015	14:00:01	8.98	9.43	13.35	13.77	27.9771	4	0
2/7/2015	15:00:01	9.14	9.98	14.32	11.97	28.5897	4	0
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2/7/2015	17:00:00	9.73	11.40	16.48	19.50	28.7939	4	0
2/7/2015	18:00:01	9.71	11.86	12.36	10.59	28.5897	4	0
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2/7/2015	20:00:00	9.96	12.58	11.95	12.41	28.794	4	0
2/7/2015	21:00:01	10.02	12.69	10.60	10.62	28.9982	4	0
2/7/2015	22:00:01	10.19	12.84	9.52	10.67	28.9982	4	0
2/7/2015	23:00:00	10.37	12.79	10.35	10.92	29.4066	4	0
Study Start Date 2/8/15								
2/8/2015	0:00:00	10.51	12.81	9.79	11.06	29.6108	4	0
2/8/2015	1:00:01	10.59	12.34	9.46	11.47	29.6108	4	0
2/8/2015	2:00:00	10.75	12.10	10.59	11.35	29.6108	4	0
2/8/2015	3:00:00	10.89	11.86	11.56	15.52	30.0192	4	0
2/8/2015	4:00:01	11.01	11.40	13.20	13.01	30.2234	4	0
2/8/2015	5:00:01	11.14	11.00	11.66	14.30	31.0403	4	0
2/8/2015	6:00:00	11.35	10.94	11.42	11.00	30.6319	4	0

2/8/2015	7:00:01	11.62	11.09	13.76	12.27	30.8361	4	0
2/8/2015	8:00:01	11.86	11.29	13.81	10.00	30.8361	4	0
2/8/2015	9:00:00	12.14	11.66	14.79	13.01	30.4276	4	0
2/8/2015	10:00:00	12.58	12.38	17.77	20.69	31.0403	4	0
2/8/2015	11:00:01	13.07	13.36	21.82	29.28	31.0403	4	0
2/8/2015	12:00:01	13.76	14.72	26.05	21.01	31.6529	4	0
2/8/2015	13:00:00	14.00	15.69	21.56	16.75	31.6529	4	0
2/8/2015	14:00:01	14.36	16.62	21.68	22.34	31.2445	4	0
2/8/2015	15:00:01	14.71	17.62	24.67	30.46	31.4487	4	0
2/8/2015	16:00:00	14.87	18.36	22.74	20.82	32.674	4	0
2/8/2015	17:00:00	14.80	18.66	16.35	10.93	32.674	4	0
2/8/2015	18:00:01	14.77	18.69	12.40	16.18	32.674	4	0
2/8/2015	19:00:00	14.90	18.82	15.65	22.08	33.2866	4	0
2/8/2015	20:00:00	15.00	18.88	14.76	8.04	33.2866	4	0
2/8/2015	21:00:00	14.92	18.39	9.07	11.59	33.695	4	0
2/8/2015	22:00:01	14.84	17.58	8.15	11.23	33.2866	4	0
2/8/2015	23:00:00	14.69	16.38	7.29	8.61	33.6951	4	0
2/9/2015	0:00:00	14.72	15.19	11.48	12.16	33.6951	4	0
2/9/2015	1:00:01	14.77	14.37	11.44	14.37	34.1035	4	0
2/9/2015	2:00:00	14.89	13.73	13.40	15.44	33.695	4	0
2/9/2015	3:00:00	15.02	12.92	14.05	15.08	34.1035	4	0
2/9/2015	4:00:01	15.04	12.22	13.87	12.75	33.8993	4	0
2/9/2015	5:00:01	15.13	12.04	14.03	12.57	34.1035	4	0
2/9/2015	6:00:00	15.17	12.06	12.59	13.15	34.5119	4	0
2/9/2015	7:00:00	15.15	11.87	13.26	14.27	34.7161	4	0
2/9/2015	8:00:01	15.14	11.71	12.31	13.97	34.1035	4	0
2/9/2015	9:00:01	15.06	12.00	12.48	14.43	33.8993	4	0
2/9/2015	10:00:00	14.88	12.41	13.13	12.46	34.3077	4	0
2/9/2015	11:00:01	14.54	12.86	12.43	13.38	34.5119	4	0
2/9/2015	12:00:01	14.03	12.90	11.46	12.99	34.1035	4	0
2/9/2015	13:00:00	13.64	12.90	11.36	11.60	34.3077	4	0
2/9/2015	14:00:00	13.25	12.73	11.21	10.53	34.9203	4	0
2/9/2015	15:00:01	12.70	12.45	10.57	11.20	34.5119	4	0
2/9/2015	16:00:00	12.17	12.08	9.49	8.87	34.3077	4	0
2/9/2015	17:00:00	11.90	11.73	10.19	9.65	34.3077	4	0
2/9/2015	18:00:01	11.82	11.54	10.51	11.35	34.3077	4	0

2/9/2015	19:00:01	11.59	11.26	10.17	9.06	35.3287	4	0
2/9/2015	20:00:00	11.34	10.98	9.23	11.38	34.7161	4	0
2/9/2015	21:00:00	11.37	10.77	10.26	9.03	35.1245	4	0
2/9/2015	22:00:01	11.42	10.52	10.57	12.51	35.3287	4	0
2/9/2015	23:00:00	11.68	10.65	14.23	13.13	35.533	4	0
2/10/2015	0:00:00	11.68	10.69	12.02	13.92	35.533	4	0
2/10/2015	1:00:01	11.60	10.59	10.50	10.44	35.9414	4	0
2/10/2015	2:00:01	11.54	10.67	12.11	10.62	35.9414	4	0
2/10/2015	3:00:00	11.44	10.76	11.32	8.54	36.9624	4	0
2/10/2015	4:00:01	11.40	11.03	12.50	16.57	36.3498	4	0
2/10/2015	5:00:01	11.37	11.27	12.67	10.98	36.7582	4	0
2/10/2015	6:00:00	11.54	11.77	16.31	10.28	36.7582	4	0
2/10/2015	7:00:00	11.71	12.33	16.21	20.36	36.7582	4	0
2/10/2015	8:00:00	12.15	13.41	21.37	14.10	36.1456	4	0
2/10/2015	9:00:01	12.31	13.86	14.99	20.41	35.9414	4	0
2/10/2015	10:00:01	12.62	14.62	18.46	20.59	35.533	4	0
2/10/2015	11:00:00	12.77	14.68	13.88	10.16	34.7161	4	0
2/10/2015	12:00:00	12.65	14.36	8.49	9.85	35.3288	4	0
2/10/2015	13:00:01	12.66	14.42	11.33	7.46	34.9203	4	0
2/10/2015	14:00:01	12.58	14.14	8.67	8.39	34.9203	4	0
2/10/2015	15:00:00	12.41	13.73	7.18	3.85	34.9203	4	0
2/10/2015	16:00:01	12.31	13.28	7.78	5.04	35.1245	4	0
2/10/2015	17:00:01	12.34	13.10	10.87	9.64	35.7372	4	0
2/10/2015	18:00:00	12.41	12.73	12.45	15.48	35.1245	4	0
2/10/2015	19:00:00	12.49	12.37	12.43	8.82	35.533	4	0
2/10/2015	20:00:01	12.59	11.50	10.91	9.57	35.3288	4	0
2/10/2015	21:00:00	12.57	11.03	9.61	12.49	35.533	4	0
2/10/2015	22:00:00	12.64	10.49	11.92	14.02	35.3288	4	0
2/10/2015	23:00:01	12.44	10.14	9.79	9.97	35.3288	4	0
2/11/2015	0:00:01	12.32	10.25	9.99	9.71	35.533	4	0
2/11/2015	1:00:00	12.27	10.08	9.01	10.18	35.3288	4	0
2/11/2015	2:00:00	12.12	10.08	8.61	8.65	35.1245	4	0
2/11/2015	3:00:01	11.97	10.12	7.47	8.42	35.7372	4	0
2/11/2015	4:00:00	11.79	10.18	8.34	7.75	35.3287	4	0
2/11/2015	5:00:00	11.66	10.10	10.05	9.22	35.3287	4	0
2/11/2015	6:00:01	11.41	9.96	10.91	11.60	35.1245	4	0

2/11/2015	7:00:01	11.26	10.00	12.84	13.69	35.9414	4	0
2/11/2015	8:00:00	10.91	10.21	13.54	14.32	35.7372	4	0
2/11/2015	9:00:01	10.77	10.40	11.81	11.92	35.7372	4	0
2/11/2015	10:00:01	10.30	10.04	7.83	5.09	35.3288	4	0
2/11/2015	11:00:00	9.89	9.56	4.00	5.94	35.3288	4	0
2/11/2015	12:00:00	9.70	9.08	4.55	4.02	35.7372	4	0
2/11/2015	13:00:01	9.44	8.78	5.66	8.24	35.7372	4	0
2/11/2015	14:00:01	9.33	8.58	6.29	6.48	35.7372	4	0
2/11/2015	15:00:00	9.35	8.60	7.95	8.38	36.1456	4	0
2/11/2015	16:00:01	9.38	8.63	8.60	10.35	35.3288	4	0
2/11/2015	17:00:01	9.28	8.54	9.27	9.42	36.554	4	0
2/11/2015	18:00:00	9.10	8.39	9.49	8.33	37.1667	4	0
2/11/2015	19:00:00	8.94	8.09	9.26	10.18	37.1667	4	0
2/11/2015	20:00:01	8.85	7.71	8.90	9.56	37.5751	4	0
2/11/2015	21:00:00	8.85	7.58	10.11	10.13	37.5751	4	0
2/11/2015	22:00:00	8.85	7.92	11.84	11.91	37.7793	4	0
2/11/2015	23:00:00	8.84	8.41	10.23	10.94	38.1877	4	0
2/12/2015	0:00:01	8.82	8.82	9.49	9.09	37.7793	4	0
2/12/2015	1:00:01	8.83	9.10	8.87	9.61	38.5961	4	0
2/12/2015	2:00:00	8.92	9.47	10.67	12.44	37.9835	4	0
2/12/2015	3:00:00	9.06	9.73	10.93	11.61	38.3919	4	0
2/12/2015	4:00:00	9.09	9.76	9.02	7.24	38.3919	4	0
2/12/2015	5:00:00	9.04	9.75	9.29	9.10	37.9835	4	0
2/12/2015	6:00:01	8.93	9.65	8.39	8.67	38.5961	4	0
2/12/2015	7:00:01	8.76	9.61	9.02	13.43	39.0046	4	0
2/12/2015	8:00:00	8.63	9.69	9.66	8.36	38.8004	4	0
2/12/2015	9:00:01	8.46	9.44	6.61	7.45	38.8003	4	0
2/12/2015	10:00:01	8.49	9.17	8.52	13.09	38.5961	4	0
2/12/2015	11:00:00	8.65	8.97	7.55	7.59	38.1877	4	0
2/12/2015	12:00:00	8.77	8.78	7.15	10.11	38.3919	4	0
2/12/2015	13:00:01	8.88	8.75	8.45	8.07	38.3919	4	0
2/12/2015	14:00:01	8.90	8.41	6.39	6.07	38.5961	4	0
2/12/2015	15:00:00	8.84	8.03	6.18	7.72	38.8003	4	0
2/12/2015	16:00:01	8.89	8.08	9.80	15.02	38.5961	4	0
2/12/2015	17:00:01	8.92	8.15	10.25	10.38	39.2088	4	0
2/12/2015	18:00:00	8.92	8.24	9.61	9.57	39.2088	4	0

2/12/2015	19:00:00	8.88	8.17	8.32	6.58	39.2088	4	0
2/12/2015	20:00:01	8.90	8.14	9.17	12.27	39.6172	4	0
2/12/2015	21:00:00	8.82	8.28	8.52	9.59	40.0256	4	0
2/12/2015	22:00:00	8.70	8.32	9.02	9.70	40.0256	4	0
2/12/2015	23:00:01	8.73	8.59	10.92	16.40	40.4341	4	0
2/13/2015	0:00:01	9.03	9.38	16.49	14.42	40.8425	4	0
2/13/2015	1:00:00	9.19	9.73	12.72	13.79	40.434	4	0
2/13/2015	2:00:00	9.25	10.20	12.15	10.52	40.8425	4	0
2/13/2015	3:00:01	9.32	10.74	12.56	14.27	40.4341	4	0
2/13/2015	4:00:00	9.44	10.88	11.13	11.65	40.8425	4	0
2/13/2015	5:00:00	9.60	11.13	13.32	13.12	40.8425	4	0
2/13/2015	6:00:01	9.83	11.46	12.92	13.55	40.4341	4	0
2/13/2015	7:00:01	9.93	11.72	11.33	12.63	40.6383	4	0
2/13/2015	8:00:00	10.06	11.97	11.32	13.11	40.0256	4	0
2/13/2015	9:00:00	10.31	12.26	11.20	11.74	40.0256	4	0
2/13/2015	10:00:01	10.37	12.28	8.50	10.84	39.8214	4	0
2/13/2015	11:00:01	10.49	12.19	9.38	6.90	38.5961	4	0
2/13/2015	12:00:00	10.59	11.55	8.97	11.59	38.5961	4	0
2/13/2015	13:00:01	10.53	11.02	6.27	6.22	38.3919	4	0
2/13/2015	14:00:01	10.68	10.76	9.03	8.45	38.8003	4	0
2/13/2015	15:00:00	10.86	10.52	9.80	10.50	38.1877	4	0
2/13/2015	16:00:00	10.85	10.35	9.43	7.61	38.3919	4	0
2/13/2015	17:00:01	10.84	10.04	10.11	12.16	38.5961	4	0
2/13/2015	18:00:00	10.89	9.86	11.18	10.75	38.3919	4	0
2/13/2015	19:00:00	11.13	10.03	13.59	15.66	38.1877	4	0
2/13/2015	20:00:01	11.30	10.16	13.12	13.74	38.1877	4	0
2/13/2015	21:00:01	11.43	10.17	11.68	12.35	38.1877	4	0
2/13/2015	22:00:00	11.47	10.31	10.19	7.90	37.9835	4	0
2/13/2015	23:00:00	11.53	10.57	12.58	12.62	37.3709	4	0
2/14/2015	0:00:01	11.36	10.90	13.06	11.78	37.5751	4	0
2/14/2015	1:00:00	11.42	11.59	14.43	13.94	37.5751	4	0
2/14/2015	2:00:00	11.50	12.07	15.06	13.48	38.5961	4	0
2/14/2015	3:00:01	11.48	12.32	12.96	13.16	37.9835	4	0
2/14/2015	4:00:01	11.29	12.16	8.07	7.39	37.9835	4	0
2/14/2015	5:00:00	11.28	12.52	15.22	25.42	39.6172	4	0
2/14/2015	6:00:01	11.18	12.51	11.28	10.28	38.8004	4	0

2/14/2015	7:00:01	11.32	12.69	16.17	23.93	39.413	4	0
2/14/2015	8:00:00	11.73	13.46	23.31	33.79	39.8214	4	0
2/14/2015	9:00:01	12.14	14.31	22.41	13.23	40.2299	4	0
2/14/2015	10:00:01	12.76	15.48	24.54	21.70	40.2298	4	0
2/14/2015	11:00:00	12.86	15.46	12.21	11.81	40.2298	4	0
2/14/2015	12:00:00	13.04	15.53	14.27	15.52	40.2299	4	0
2/14/2015	13:00:01	13.32	15.43	12.16	13.84	40.2298	4	0
2/14/2015	14:00:01	13.35	15.07	11.10	9.22	41.2509	4	0
2/14/2015	15:00:00	13.47	15.07	12.48	10.24	40.4341	4	0
2/14/2015	16:00:01	13.66	15.60	14.91	16.09	41.0467	4	0
2/14/2015	17:00:01	13.81	15.54	14.87	12.98	41.2509	4	0
2/14/2015	18:00:00	14.00	15.96	16.70	17.57	41.8635	4	0
2/14/2015	19:00:00	13.97	15.77	14.21	15.11	41.8635	4	0
2/14/2015	20:00:01	13.99	15.01	14.09	16.24	42.4762	4	0
2/14/2015	21:00:00	14.05	14.27	12.89	14.09	42.272	4	0
2/14/2015	22:00:00	14.12	13.30	12.72	13.23	42.4762	4	0
2/14/2015	23:00:00	14.06	13.24	11.51	11.92	43.0888	4	0
2/15/2015	0:00:01	13.98	12.99	11.14	11.34	43.7015	4	0
2/15/2015	1:00:01	13.89	12.94	11.04	11.15	42.6804	4	0
2/15/2015	2:00:00	13.76	12.89	9.80	7.80	43.0888	4	0
2/15/2015	3:00:00	13.61	12.58	8.29	8.03	42.4762	4	0
2/15/2015	4:00:01	13.60	12.02	8.02	3.56	43.293	4	0
2/15/2015	5:00:01	13.30	11.39	6.93	7.91	42.6804	4	0
2/15/2015	6:00:00	13.18	10.64	7.13	6.73	42.6804	4	0
2/15/2015	7:00:01	12.75	9.92	5.71	8.76	42.6804	4	0
2/15/2015	8:00:01	12.20	9.47	8.33	11.49	42.6804	4	0
2/15/2015	9:00:00	11.71	9.14	8.39	6.94	42.4762	4	0
2/15/2015	10:00:00	11.13	8.77	7.72	10.32	41.4551	4	0
2/15/2015	11:00:01	10.99	8.47	7.71	10.20	41.2509	4	0
2/15/2015	12:00:01	10.83	8.30	9.07	6.59	41.0467	4	0
2/15/2015	13:00:00	10.69	8.08	8.60	12.37	41.0467	4	0
2/15/2015	14:00:00	10.60	7.89	7.17	9.62	40.6383	4	0
2/15/2015	15:00:01	10.46	7.99	10.11	9.21	41.0467	4	0
2/15/2015	16:00:01	10.25	8.13	9.89	10.91	41.0467	4	0
2/15/2015	17:00:00	9.91	8.14	7.20	5.64	41.2509	4	0
2/15/2015	18:00:00	9.57	8.26	8.72	11.08	41.0467	4	0

2/15/2015	19:00:01	9.33	8.49	8.49	8.23	41.2509	4	0
2/15/2015	20:00:00	9.14	8.60	9.97	11.17	41.6593	4	0
2/15/2015	21:00:00	9.04	8.80	10.82	12.67	41.0467	4	0
2/15/2015	22:00:01	8.90	8.94	9.51	5.35	41.2509	4	0
2/15/2015	23:00:01	8.73	8.93	7.46	8.52	41.0467	4	0
2/16/2015	0:00:00	8.58	8.82	7.75	8.17	40.8425	4	0
2/16/2015	1:00:00	8.37	8.64	6.51	6.72	41.2509	4	0
2/16/2015	2:00:01	8.20	8.54	5.99	5.84	41.6593	4	0
2/16/2015	3:00:00	8.13	8.26	6.59	9.62	41.6593	4	0
2/16/2015	4:00:00	8.04	7.96	6.61	5.85	41.8635	4	0
2/16/2015	5:00:01	8.06	8.00	7.77	5.49	41.8635	4	0
2/16/2015	6:00:01	8.07	7.93	8.13	8.13	42.272	4	0
2/16/2015	7:00:00	8.72	8.99	21.01	47.10	42.6804	4	0
2/16/2015	8:00:01	10.16	11.73	42.77	25.77	42.4762	4	0
2/16/2015	9:00:01	10.91	13.02	25.98	11.54	41.4551	4	0
2/16/2015	10:00:00	11.38	13.78	17.82	11.59	41.8635	4	0
2/16/2015	11:00:00	11.76	14.54	15.97	12.93	41.2509	4	0
2/16/2015	12:00:01	11.80	14.71	9.49	7.60	40.8425	4	0
2/16/2015	13:00:01	12.03	15.32	13.09	13.49	40.8425	4	0
2/16/2015	14:00:00	12.43	16.16	14.63	15.08	40.8425	4	0
2/16/2015	15:00:01	12.40	16.47	11.85	7.65	40.4341	4	0
2/16/2015	16:00:01	12.51	16.96	12.88	21.32	41.2509	4	0
2/16/2015	17:00:00	12.75	17.42	13.91	10.56	41.8635	4	0
2/16/2015	18:00:00	12.88	17.73	12.10	13.97	41.4551	4	0
2/16/2015	19:00:01	13.06	17.04	13.71	14.92	41.6593	4	0
2/16/2015	20:00:00	13.22	14.57	13.29	12.62	42.0678	4	0
2/16/2015	21:00:00	13.39	13.60	14.58	16.30	41.8635	4	0
2/16/2015	22:00:01	13.90	13.90	21.07	19.78	41.2509	4	0
2/16/2015	23:00:01	14.25	13.87	15.55	14.32	42.272	4	0
2/17/2015	0:00:00	14.48	14.18	13.18	13.83	41.4551	4	0
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2/17/2015	2:00:01	14.97	13.86	12.52	13.81	41.2509	4	0
2/17/2015	3:00:00	15.33	14.13	15.05	17.20	41.4551	4	0
2/17/2015	4:00:00	15.82	14.58	18.10	21.89	41.4551	4	0
2/17/2015	5:00:01	16.41	15.18	20.85	22.35	41.2509	4	0
2/17/2015	6:00:01	16.90	15.85	20.25	23.13	41.2509	4	0

2/17/2015	7:00:00	16.79	16.27	19.08	14.22	41.0467	4	0
2/17/2015	8:00:01	15.54	16.40	15.87	13.34	41.8636	4	0
2/17/2015	9:00:01	14.78	15.83	7.65	9.89	41.6593	4	0
2/17/2015	10:00:00	14.48	14.95	10.37	10.92	41.4551	4	0
2/17/2015	11:00:00	14.32	14.67	12.03	12.46	41.4551	4	0
2/17/2015	12:00:01	14.39	14.48	10.71	6.95	41.6593	4	0
2/17/2015	13:00:00	14.31	14.47	10.39	12.45	41.6593	4	0
2/17/2015	14:00:01	14.15	14.36	11.69	11.79	41.0467	4	0
2/17/2015	15:00:01	14.32	14.44	15.86	12.75	41.2509	4	0
2/17/2015	16:00:00	14.28	13.93	12.32	13.14	41.6593	4	0
2/17/2015	17:00:00	15.47	15.78	43.34	12.51	41.6593	4	0
2/17/2015	18:00:01	15.43	15.14	13.59	13.00	42.272	4	0
2/17/2015	19:00:00	15.46	14.77	14.33	13.14	42.272	4	0
2/17/2015	20:00:00	15.45	14.56	13.64	11.18	43.0888	4	0
2/17/2015	21:00:01	15.35	14.98	13.03	14.17	43.293	4	0
2/17/2015	22:00:01	15.00	15.21	13.29	13.70	43.0888	4	0
2/17/2015	23:00:00	14.86	15.25	12.77	13.30	43.0888	4	0
2/18/2015	0:00:00	14.85	15.50	14.13	12.86	43.4972	4	0
2/18/2015	1:00:01	14.97	15.83	14.80	15.89	43.4972	4	0
2/18/2015	2:00:00	15.08	16.08	13.88	15.13	43.293	4	0
2/18/2015	3:00:00	15.14	16.13	16.11	16.15	43.0888	4	0
2/18/2015	4:00:01	14.94	16.20	12.78	10.37	43.9057	4	0
2/18/2015	5:00:01	14.54	13.63	12.49	13.64	43.7015	4	0
2/18/2015	6:00:00	14.61	14.35	22.49	12.66	43.9057	4	0
2/18/2015	7:00:01	14.78	15.08	22.74	14.84	44.5183	4	0
2/18/2015	8:00:01	14.79	15.25	15.17	15.90	43.9057	4	0
2/18/2015	9:00:00	15.31	15.84	20.04	17.37	43.7015	4	0
2/18/2015	10:00:00	15.52	16.03	15.62	14.20	43.9057	4	0
2/18/2015	11:00:01	15.60	16.09	12.89	12.31	43.4972	4	0
2/18/2015	12:00:01	15.63	15.85	11.34	12.10	43.4972	4	0
2/18/2015	13:00:00	15.81	15.83	14.49	12.15	43.4972	4	0
2/18/2015	14:00:01	15.83	15.64	11.41	10.28	43.4972	4	0
2/18/2015	15:00:01	16.09	16.16	22.82	24.74	43.7015	4	0
2/18/2015	16:00:00	17.09	18.15	36.92	67.46	43.9057	4	0
2/18/2015	17:00:00	16.47	19.42	28.51	21.19	44.5183	4	0
2/18/2015	18:00:01	16.70	19.17	19.72	22.85	44.5183	4	0

2/18/2015	19:00:00	16.90	18.89	19.96	21.84	44.5183	4	0
2/18/2015	20:00:00	17.14	19.29	20.51	19.30	45.5394	4	0
2/18/2015	21:00:01	17.35	19.14	18.32	18.14	44.9267	4	0
2/18/2015	22:00:01	17.50	19.30	18.01	18.48	45.7436	4	0
2/18/2015	23:00:00	17.68	19.66	17.27	19.38	45.5394	4	0
2/19/2015	0:00:00	17.74	20.03	15.89	18.04	45.9478	4	0
2/19/2015	1:00:01	17.75	20.10	15.59	15.98	46.152	4	0
2/19/2015	2:00:00	17.75	20.10	15.59	17.52	46.3562	4	0
2/19/2015	3:00:00	17.81	19.88	15.05	16.09	46.5604	4	0
2/19/2015	4:00:01	17.81	17.96	13.25	12.88	46.3562	4	0
2/19/2015	5:00:00	17.86	16.78	13.89	15.49	46.5604	4	0
2/19/2015	6:00:00	18.04	17.39	26.94	14.95	47.1731	4	0
2/19/2015	7:00:01	18.24	17.99	26.71	39.34	46.9689	4	0
2/19/2015	8:00:01	18.51	17.99	19.28	16.44	46.5604	4	0
2/19/2015	9:00:00	18.44	17.87	15.80	13.90	46.7646	4	0
2/19/2015	10:00:01	18.42	17.57	13.99	14.26	46.3562	4	0
2/19/2015	11:00:01	18.38	17.04	10.47	10.89	46.152	4	0
2/19/2015	12:00:00	18.38	17.04	10.47	12.41	45.5394	4	0
2/19/2015	13:00:00	18.31	16.21	9.02	8.65	44.9267	4	0
2/19/2015	14:00:01	18.31	15.82	11.57	12.28	45.5394	4	0
2/19/2015	15:00:01	17.90	15.53	11.14	11.44	45.3352	4	0
2/19/2015	16:00:00	16.88	15.41	11.94	11.94	45.5394	4	0
2/19/2015	17:00:01	16.81	16.47	27.13	39.38	45.3352	4	0
2/19/2015	18:00:01	16.50	15.33	15.24	12.69	46.152	4	0
2/19/2015	19:00:00	16.18	14.10	12.59	13.04	46.3562	4	0
2/19/2015	20:00:00	15.90	13.64	13.94	15.84	46.3562	4	0
2/19/2015	21:00:01	15.69	13.50	15.02	18.55	46.7646	4	0
2/19/2015	22:00:00	15.75	13.99	19.90	22.96	47.1731	4	0
2/19/2015	23:00:00	15.87	14.79	20.06	18.88	47.1731	4	0
2/20/2015	0:00:01	16.00	15.46	19.42	19.23	47.1731	4	0
2/20/2015	1:00:01	16.10	16.24	18.61	19.62	47.7857	4	0
2/20/2015	2:00:00	16.25	16.87	18.65	17.13	47.3773	4	0
2/20/2015	3:00:00	16.20	17.08	13.07	12.73	47.3773	4	0
2/20/2015	4:00:01	16.20	17.18	12.54	12.03	46.9689	4	0
2/20/2015	5:00:00	16.20	16.07	12.90	13.06	46.9689	4	0
2/20/2015	6:00:00	15.53	15.68	9.67	8.11	46.7646	4	0

2/20/2015	7:00:01	14.93	15.62	10.94	12.53	45.9478	4	0
2/20/2015	8:00:01	14.72	15.64	14.07	18.15	46.3562	4	0
2/20/2015	9:00:00	14.78	15.78	16.17	18.32	45.3352	4	0
2/20/2015	10:00:01	14.95	15.53	16.63	30.99	45.3352	4	0
2/20/2015	11:00:01	15.89	16.53	32.24	28.51	45.3352	4	0
2/20/2015	12:00:00	16.36	16.70	21.11	20.82	44.3141	4	0
2/20/2015	13:00:00	16.96	16.94	21.28	21.18	44.3141	4	0
2/20/2015	14:00:01	17.44	17.19	21.75	19.91	43.9057	4	0
2/20/2015	15:00:01	17.86	17.79	19.91	22.28	43.7015	4	0
2/20/2015	16:00:00	18.35	18.63	22.43	25.75	43.9057	4	0
2/20/2015	17:00:01	17.97	19.08	18.55	19.32	43.4972	4	0
2/20/2015	18:00:01	18.01	19.70	18.06	19.47	44.3141	4	0
2/20/2015	19:00:00	18.10	20.07	16.35	15.48	44.3141	4	0
2/20/2015	20:00:00	18.13	20.13	15.02	12.26	45.1309	4	0
2/20/2015	21:00:01	18.14	20.08	16.23	16.83	44.7225	4	0
2/20/2015	22:00:00	17.95	19.99	15.45	15.01	44.5183	4	0
2/20/2015	23:00:00	17.70	18.53	15.61	16.24	44.3141	4	0
2/21/2015	0:00:01	17.49	18.01	14.93	16.42	45.1309	4	0
2/21/2015	1:00:01	17.34	17.53	15.43	15.23	44.3141	4	0
2/21/2015	2:00:00	17.12	16.93	15.18	14.44	44.7225	4	0
2/21/2015	3:00:00	17.14	16.44	14.08	13.92	45.1309	4	0
2/21/2015	4:00:01	17.17	15.72	13.53	15.33	44.7225	4	0
2/21/2015	5:00:00	17.17	15.72	13.53	16.95	45.9478	4	0
2/21/2015	6:00:00	17.39	15.07	14.12	13.97	44.9267	4	0
2/21/2015	7:00:01	17.50	14.86	13.85	11.12	45.1309	4	0
2/21/2015	8:00:01	17.61	14.97	15.91	12.58	45.7436	4	0
2/21/2015	9:00:00	17.45	14.63	11.84	13.19	44.9267	4	0
2/21/2015	10:00:01	17.44	14.63	14.77	19.20	44.7225	4	0
2/21/2015	11:00:01	16.78	14.66	15.13	16.71	43.9057	4	0
2/21/2015	12:00:00	16.78	14.66	15.13	22.96	43.7015	4	0
2/21/2015	13:00:00	16.44	15.07	18.60	16.54	44.1099	4	0
2/21/2015	14:00:01	16.32	15.44	20.20	23.37	44.5183	4	0
2/21/2015	15:00:01	16.30	15.87	19.19	24.07	44.1099	4	0
2/21/2015	16:00:00	16.17	16.43	21.12	21.38	44.5183	4	0
2/21/2015	17:00:01	16.26	16.94	21.12	20.98	45.1309	4	0
2/21/2015	18:00:01	16.49	17.75	24.00	23.21	45.3352	4	0

2/21/2015	19:00:00	16.82	18.61	24.25	24.37	44.9267	4	0
2/21/2015	20:00:00	17.24	19.39	25.64	28.67	45.5394	4	0
2/21/2015	21:00:01	17.54	20.36	23.25	30.73	45.3351	4	0
2/21/2015	22:00:00	18.22	21.84	33.35	33.61	45.5394	4	0
2/21/2015	23:00:00	18.72	22.92	28.15	26.30	45.3351	4	0
2/22/2015	0:00:01	19.00	23.30	21.93	16.96	45.3352	4	0
2/22/2015	1:00:00	19.05	23.18	17.25	17.03	45.7436	4	0
2/22/2015	2:00:00	19.05	23.18	17.25	13.39	45.7436	4	0
2/22/2015	3:00:01	18.66	21.75	11.26	10.12	46.3562	4	0
2/22/2015	4:00:01	18.36	20.63	8.77	10.08	46.7646	4	0
2/22/2015	5:00:00	18.06	19.70	12.05	11.89	47.9899	4	0
2/22/2015	6:00:00	17.91	18.61	10.07	10.05	48.1941	4	0
2/22/2015	7:00:01	17.73	17.49	10.86	12.97	47.7857	4	0
2/22/2015	8:00:01	17.65	16.50	12.09	12.40	48.1941	4	0
2/22/2015	9:00:00	17.54	15.38	9.12	7.10	47.5815	4	0
2/22/2015	10:00:01	17.38	13.63	11.79	15.60	48.1941	4	0
2/22/2015	11:00:01	17.27	12.32	11.37	10.37	48.1941	4	0
2/22/2015	12:00:00	17.11	11.57	12.01	10.21	47.9899	4	0
2/22/2015	13:00:00	16.81	11.09	11.34	11.10	48.1941	4	0
2/22/2015	14:00:01	16.42	10.91	10.68	12.41	47.9899	4	0
2/22/2015	15:00:01	16.14	10.98	12.05	13.22	48.3983	4	0
2/22/2015	16:00:00	15.66	11.05	9.70	10.20	48.6026	4	0
2/22/2015	17:00:01	15.22	10.90	10.45	12.24	48.3983	4	0
2/22/2015	18:00:01	14.67	11.03	12.17	12.69	49.4194	4	0
2/22/2015	19:00:00	14.17	11.17	13.25	12.88	50.2362	4	0
2/22/2015	20:00:01	13.58	11.08	11.27	12.57	50.4404	4	0
2/22/2015	21:00:01	13.16	11.36	12.34	12.27	50.6447	4	0
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2/22/2015	23:00:00	11.63	11.28	11.49	11.91	50.4405	4	0
2/23/2015	0:00:01	11.19	11.20	11.21	11.69	51.0531	4	0
2/23/2015	1:00:01	10.97	11.21	11.32	11.13	51.2573	4	0
2/23/2015	2:00:00	10.90	11.24	10.77	11.55	52.2784	4	0
2/23/2015	3:00:00	10.82	11.04	9.64	9.05	51.87	4	0
2/23/2015	4:00:01	10.86	11.06	10.19	9.16	51.87	4	0
2/23/2015	5:00:00	10.75	10.99	9.31	9.52	52.2784	4	0
2/23/2015	6:00:00	10.71	10.75	9.29	11.92	52.6868	4	0

2/23/2015	7:00:01	10.77	10.64	11.19	12.00	52.4826	4	0
2/23/2015	8:00:01	10.81	10.72	11.76	13.34	52.2784	4	0
2/23/2015	9:00:00	11.10	10.96	14.27	13.97	51.4615	4	0
2/23/2015	9:00:00	11.10	10.96	14.27	13.97	51.4615	4	0
2/23/2015	10:00:00	0.00	0.00	0.00	0.00	51.0531	1	0
2/23/2015	11:00:01	0.00	0.00	0.00	0.00	50.4405	3	0
2/23/2015	12:00:00	0.00	0.00	0.00	10.44	49.8278	4	0
2/23/2015	13:00:00	0.00	0.00	0.00	10.07	50.032	4	0
2/23/2015	14:00:01	0.00	0.00	11.05	11.61	49.8278	4	0
2/23/2015	15:00:01	0.00	0.00	13.55	9.49	50.032	4	0
2/23/2015	16:00:00	0.00	0.00	16.27	40.60	49.4194	4	0
2/23/2015	17:00:00	0.00	0.00	10.45	8.46	49.8278	4	0
2/23/2015	18:00:00	0.00	0.00	8.47	10.50	50.8489	4	0
2/23/2015	19:00:01	0.00	0.00	9.34	9.05	51.6657	4	0
2/23/2015	20:00:01	0.00	0.00	12.73	17.28	50.4405	4	0
2/23/2015	21:00:00	0.00	0.00	15.82	13.47	51.0531	4	0
2/23/2015	22:00:00	0.00	0.00	12.74	13.27	51.6657	4	0
2/23/2015	23:00:01	0.00	0.00	9.45	8.16	51.4615	4	0
2/24/2015	0:00:01	0.00	0.00	11.56	14.70	51.2573	4	0
2/24/2015	1:00:01	0.00	11.95	11.79	11.01	51.0531	4	0
2/24/2015	2:00:00	0.00	12.02	11.30	11.75	50.8489	4	0
2/24/2015	3:00:00	0.00	11.73	10.37	10.06	51.2573	4	0
2/24/2015	4:00:01	0.00	11.14	8.91	10.74	50.4405	4	0
2/24/2015	5:00:00	0.00	11.04	8.94	10.44	50.2363	4	0
2/24/2015	6:00:00	0.00	11.00	7.99	7.16	50.8489	4	0
2/24/2015	7:00:00	0.00	11.01	9.07	9.00	50.6447	4	0
2/24/2015	8:00:01	0.00	10.96	11.61	14.62	50.2363	4	0
2/24/2015	9:00:01	0.00	10.96	15.55	21.20	49.2152	4	0
2/24/2015	10:00:00	0.00	11.64	20.40	16.55	49.011	4	0
2/24/2015	11:00:00	0.00	12.28	16.54	17.88	48.3984	4	0
2/24/2015	12:00:01	0.00	12.70	15.98	17.61	47.1731	4	0
2/24/2015	13:00:01	12.96	13.34	19.35	18.98	47.3773	4	0
2/24/2015	14:00:00	13.28	13.91	18.18	19.82	46.9689	4	0
2/24/2015	16:00:00	13.62	15.46	19.44	19.25	46.5604	4	0
2/24/2015	17:00:01	13.88	16.12	17.17	20.69	46.7646	4	0
2/24/2015	18:00:01	14.14	16.76	17.17	16.98	46.9688	4	0

2/24/2015	19:00:00	14.36	17.22	14.95	13.30	46.7646	4	0
2/24/2015	20:00:00	14.35	17.38	14.70	17.01	47.3773	4	0
2/24/2015	21:00:01	14.48	17.75	21.35	26.53	47.5815	4	0
2/24/2015	22:00:01	14.91	18.08	26.01	32.13	48.3984	4	0
2/24/2015	23:00:01	15.82	19.33	31.53	34.15	48.1941	4	0
2/25/2015	0:00:00	16.73	20.90	36.41	35.92	49.011	4	0
2/25/2015	1:00:00	17.52	21.94	31.95	25.74	48.8068	4	0
2/25/2015	2:00:01	18.22	22.87	29.64	36.82	49.2152	4	0
2/25/2015	3:00:01	18.82	23.50	25.82	18.27	49.2152	4	0
2/25/2015	4:00:01	19.01	23.09	14.62	15.44	49.6236	4	0
2/25/2015	5:00:00	19.10	22.63	10.53	9.69	49.8278	4	0
2/25/2015	6:00:00	20.19	24.20	37.02	13.05	49.8278	4	0
2/25/2015	7:00:01	22.62	28.60	67.15	127.99	49.6236	4	0
2/25/2015	8:00:01	24.42	31.97	54.43	58.76	49.8278	4	0
2/25/2015	9:00:00	26.14	34.84	51.76	73.04	48.8068	4	0
2/25/2015	10:00:00	26.14	34.84	51.76	36.29	48.3983	4	0
2/25/2015	11:00:01	29.43	39.59	50.68	78.54	48.3983	4	0
2/25/2015	12:00:01	31.41	41.74	60.66	54.01	47.9899	4	0
2/25/2015	13:00:01	33.16	44.19	62.67	87.47	48.1941	4	0
2/25/2015	14:00:00	35.42	47.62	69.32	67.27	48.6026	4	0
2/25/2015	15:00:01	36.28	48.80	43.52	25.58	48.6026	4	0
2/25/2015	16:00:01	36.00	48.64	14.06	15.54	49.011	4	0
2/25/2015	17:00:01	35.78	48.70	11.24	8.86	49.4194	4	0
2/25/2015	18:00:00	35.49	46.40	10.27	11.26	48.3983	4	0
2/25/2015	19:00:00	35.40	41.77	13.07	16.95	48.8068	4	0
2/25/2015	20:00:01	35.35	38.24	12.69	9.90	49.2152	4	0
2/25/2015	21:00:01	34.60	34.27	5.56	9.16	49.2152	4	0
2/25/2015	22:00:00	33.81	29.84	6.88	5.67	49.011	4	0
2/25/2015	23:00:00	32.58	25.94	4.91	10.12	49.6236	4	0
2/26/2015	0:00:01	31.23	21.33	4.75	3.36	49.4194	4	0
2/26/2015	1:00:01	29.98	16.45	3.72	8.55	49.6236	4	0
2/26/2015	2:00:00	28.84	11.09	3.86	4.81	49.011	4	0
2/26/2015	3:00:00	27.83	7.74	2.72	1.61	49.8278	4	0
2/26/2015	4:00:00	27.44	7.00	5.05	8.74	49.2152	4	0
2/26/2015	5:00:01	27.10	6.44	4.49	2.89	49.6236	4	0
2/26/2015	6:00:01	25.87	6.24	7.73	4.34	49.2152	4	0

2/26/2015	7:00:00	23.31	5.71	6.64	7.33	49.8278	4	0
2/26/2015	8:00:00	21.38	5.34	8.02	9.41	50.032	4	0
2/26/2015	9:00:01	19.66	5.58	8.26	8.21	49.8278	4	0
2/26/2015	10:00:01	17.53	5.68	7.99	6.70	50.032	4	0
2/26/2015	11:00:01	15.84	6.01	8.95	9.06	49.6236	4	0
2/26/2015	12:00:00	13.75	6.31	8.21	7.28	49.4194	4	0
2/26/2015	13:00:00	11.57	6.75	8.99	7.22	49.8278	4	0
2/26/2015	14:00:01	9.08	7.11	8.23	6.09	49.8278	4	0
2/26/2015	15:00:01	7.73	7.75	10.53	10.82	50.4405	4	0
2/26/2015	16:00:01	7.51	8.07	9.11	6.91	50.4405	4	0
2/26/2015	17:00:00	7.42	8.44	9.44	9.88	51.0531	4	0
2/26/2015	18:00:01	7.44	8.70	11.03	12.41	51.2573	4	0
2/26/2015	19:00:01	7.33	9.02	10.91	10.81	51.6657	4	0
2/26/2015	20:00:01	7.28	9.28	11.52	11.59	52.891	4	0
2/26/2015	21:00:00	7.51	9.54	11.65	12.85	53.5036	4	0
2/26/2015	22:00:00	7.66	9.76	10.63	13.14	53.5036	4	0
2/26/2015	23:00:01	7.87	9.86	10.24	10.56	53.7079	4	0
2/27/2015	0:00:01	8.10	10.07	11.06	12.49	54.9331	4	0
2/27/2015	1:00:00	8.35	10.17	10.09	9.49	55.1373	4	0
2/27/2015	2:00:00	8.58	10.32	10.61	11.38	55.75	4	0
2/27/2015	3:00:00	8.89	10.35	10.38	9.46	55.75	4	0
2/27/2015	4:00:01	9.13	10.52	11.19	12.92	56.1584	4	0
2/27/2015	5:00:01	9.50	10.86	12.94	12.96	56.5668	4	0
2/27/2015	6:00:00	9.70	11.00	12.48	11.29	56.1584	4	0
2/27/2015	7:00:00	9.96	11.18	12.74	13.77	56.3626	4	0
2/27/2015	8:00:01	10.36	11.61	15.37	13.56	56.1584	4	0
2/27/2015	9:00:01	10.66	11.88	14.04	19.17	54.5247	4	0
2/27/2015	10:00:00	10.66	11.88	14.04	16.48	52.891	4	0
2/27/2015	11:00:00	11.39	12.79	13.74	13.87	52.6868	4	0
2/27/2015	12:00:01	11.66	13.00	12.70	10.67	51.6657	4	0
2/27/2015	13:00:01	11.77	13.09	11.42	11.23	52.2784	4	0
2/27/2015	14:00:01	12.09	13.47	15.10	16.39	51.4615	4	0
2/27/2015	15:00:00	12.09	13.46	11.20	12.29	52.2784	4	0
2/27/2015	16:00:00	12.13	13.29	9.19	10.72	52.0742	4	0
2/27/2015	17:00:01	12.28	13.32	14.76	11.92	53.0952	4	0
2/27/2015	18:00:01	12.16	13.02	10.65	10.25	54.1163	4	0

2/27/2015	19:00:00	12.13	12.81	11.23	11.74	54.5247	4	0
2/27/2015	20:00:00	12.03	12.34	10.81	11.24	54.7289	4	0
2/27/2015	21:00:00	12.03	12.16	12.33	15.39	54.9331	4	0
2/27/2015	22:00:01	12.14	12.02	13.91	13.97	55.5458	4	0
2/27/2015	23:00:01	12.38	12.30	17.52	19.67	56.5668	4	0
2/28/2015	0:00:00	12.61	12.69	17.16	18.97	56.3626	4	0
2/28/2015	1:00:00	12.95	13.29	18.26	18.79	56.5668	4	0
2/28/2015	2:00:01	13.38	13.85	21.62	26.02	56.9753	4	0
2/28/2015	3:00:01	14.07	15.19	26.86	28.37	57.3837	4	0
2/28/2015	4:00:00	14.68	16.65	26.77	27.82	57.3837	4	0
2/28/2015	5:00:00	15.15	17.50	24.70	25.92	57.7921	4	0
2/28/2015	6:00:01	15.71	18.81	26.47	31.20	57.7921	4	0
2/28/2015	7:00:01	16.23	19.98	24.73	33.38	57.7921	4	0
2/28/2015	8:00:00	17.00	21.75	28.55	27.61	56.5668	4	0
2/28/2015	9:00:00	17.66	23.09	24.99	19.79	55.1374	4	0
2/28/2015	10:00:01	17.88	23.41	12.71	7.42	53.7079	4	0
2/28/2015	11:00:01	17.85	22.93	10.99	6.22	52.891	4	0
2/28/2015	12:00:01	0.00	0.00	0.00	0.00	22.0549	1	0
2/28/2015	13:00:00	0.00	0.00	0.00	0.00	22.8718	1	0
2/28/2015	14:00:01	0.00	0.00	0.00	0.00	23.2802	3	0
2/28/2015	15:00:01	0.00	0.00	0.00	-5.79	22.8718	4	0
2/28/2015	16:00:01	0.00	0.00	5.49	18.27	23.2802	4	0
2/28/2015	17:00:00	0.00	0.00	-22.00	-73.25	23.4844	4	0
2/28/2015	18:00:00	0.00	0.00	-9.30	-14.57	23.6886	4	0
2/28/2015	19:00:01	0.00	0.00	-17.63	-3.15	24.0971	4	0
2/28/2015	20:00:01	0.00	0.00	-38.65	-85.83	24.5055	4	0
2/28/2015	21:00:00	0.00	0.00	-38.65	10.85	24.3013	4	0
2/28/2015	22:00:00	0.00	0.00	-54.20	-17.74	24.5055	4	0
2/28/2015	23:00:01	0.00	0.00	-17.43	22.91	24.9139	4	0
3/1/2015	0:00:01	0.00	0.00	-49.19	-51.63	24.9139	4	0
3/1/2015	1:00:00	0.00	0.00	-35.46	-78.50	25.3223	4	0
3/1/2015	2:00:00	0.00	0.00	-119.26	-6.50	24.9139	4	0
3/1/2015	3:00:00	0.00	0.00	-63.30	-70.21	25.5266	4	0
3/1/2015	4:00:01	0.00	-41.85	-61.09	-31.29	26.1392	4	0
3/1/2015	5:00:01	0.00	-49.11	-112.09	-88.15	26.1392	4	0
3/1/2015	6:00:00	0.00	-54.45	-71.40	-77.62	26.7518	4	0

3/1/2015	7:00:00	0.00	-57.71	-54.84	-73.12	25.935	4	0
3/1/2015	8:00:01	0.00	-56.76	-25.94	-12.27	26.7518	4	0
3/1/2015	9:00:01	0.00	-60.78	-60.36	-42.76	26.956	4	0
3/1/2015	10:00:01	0.00	-60.56	-46.26	-55.18	26.3434	4	0
3/1/2015	11:00:00	0.00	-61.24	-22.75	-19.77	26.3434	4	0
3/1/2015	12:00:00	0.00	-59.26	-22.09	-42.22	26.956	4	0
3/1/2015	13:00:01	0.00	-60.25	-47.40	-57.95	26.3434	4	0
3/1/2015	14:00:01	0.00	-53.99	-48.56	-86.76	27.1603	4	0
3/1/2015	15:00:00	0.00	-52.06	-39.65	-51.81	26.3434	4	0
3/1/2015	16:00:00	-46.62	-50.34	-44.03	-45.88	27.1603	4	0
3/1/2015	17:00:01	-46.98	-43.48	-34.97	-30.10	27.7729	4	0
3/1/2015	18:00:01	-47.73	-40.21	-38.10	-49.39	27.9771	4	0
3/1/2015	19:00:00	-48.43	-39.20	-48.76	-37.65	28.794	4	0
3/1/2015	20:00:00	-49.02	-41.35	-50.97	-46.92	28.794	4	0
3/1/2015	21:00:00	-50.11	-39.65	-38.27	-48.05	29.2024	4	0
3/1/2015	22:00:01	-49.82	-40.04	-52.25	-80.70	29.4066	4	0
3/1/2015	23:00:00	-51.52	-43.40	-65.39	-87.74	30.2234	4	0
3/2/2015	0:00:00	-52.20	-47.47	-73.98	-72.34	30.2234	4	0
3/2/2015	1:00:00	-54.02	-50.25	-79.14	-110.09	30.6319	4	0
3/2/2015	2:00:01	-52.12	-52.50	-75.44	-82.11	30.8361	4	0
3/2/2015	3:00:01	-52.55	-55.33	-71.01	-86.85	31.0403	4	0
3/2/2015	4:00:00	-52.04	-56.14	-56.48	-46.91	31.2445	4	0
3/2/2015	5:00:00	-49.87	-58.08	-54.77	-46.76	31.0403	4	0
3/2/2015	6:00:01	-48.75	-58.91	-52.01	-43.30	31.6529	4	0
3/2/2015	7:00:01	-48.41	-58.49	-38.26	-22.85	31.6529	4	0
3/2/2015	8:00:00	-49.18	-57.96	-42.91	-57.89	31.4487	4	0
3/2/2015	9:00:00	-49.72	-59.95	-46.77	-60.49	30.4277	4	0
3/2/2015	10:00:00	-50.75	-60.78	-51.34	-36.47	29.4066	4	0
3/2/2015	11:00:01	-51.42	-57.94	-25.36	-0.97	29.6108	4	0
3/2/2015	12:00:01	-52.01	-54.63	-38.66	-44.53	30.4277	4	0
3/2/2015	13:00:00	-52.11	-51.09	-30.72	6.86	29.815	4	0
3/2/2015	14:00:00	-50.62	-46.31	-29.91	-37.40	30.0192	4	0
3/2/2015	15:00:01	-49.81	-41.79	-19.70	-22.09	30.6318	4	0
3/2/2015	16:00:01	-48.88	-39.00	-28.68	-30.70	30.6319	4	0
3/2/2015	17:00:00	-48.79	-37.01	-33.55	-36.45	30.6319	4	0
3/2/2015	18:00:00	-48.44	-35.06	-31.93	-20.18	30.8361	4	0

3/2/2015	19:00:00	-47.34	-33.60	-21.87	-26.99	30.4276	4	0
3/2/2015	20:00:01	-46.01	-31.50	-19.39	-20.61	30.8361	4	0
3/2/2015	21:00:01	-45.54	-29.69	-25.30	-14.04	31.2445	4	0
3/2/2015	22:00:00	-44.17	-26.86	-16.49	-10.61	30.4276	4	0
3/2/2015	23:00:00	-41.37	-24.99	-4.15	7.76	31.2445	4	0
3/3/2015	0:00:01	-38.40	-21.99	-1.24	-6.10	31.6529	4	0
3/3/2015	1:00:01	-35.46	-20.35	-10.02	-12.23	31.2445	4	0
3/3/2015	2:00:00	-32.31	-18.07	-2.33	8.94	31.6529	4	0
3/3/2015	3:00:00	-29.23	-16.37	1.00	4.92	31.4487	4	0
3/3/2015	4:00:01	-26.90	-14.20	-2.53	-19.11	31.2445	4	0
3/3/2015	5:00:01	-24.83	-11.89	-5.72	-10.98	31.6529	4	0
3/3/2015	6:00:00	-23.07	-10.07	-10.10	7.47	30.8361	4	0
3/3/2015	7:00:00	-21.70	-8.84	-7.52	-10.18	31.6529	4	0
3/3/2015	8:00:01	-20.02	-7.48	-3.09	-1.43	30.6319	4	0
3/3/2015	9:00:01	-18.30	-5.97	-7.85	-3.35	31.0403	4	0
3/3/2015	10:00:01	-16.36	-4.96	-4.44	-1.90	31.4487	4	0
3/3/2015	11:00:00	-15.63	-5.21	-7.13	-8.54	31.2445	4	0
3/3/2015	12:00:00	-14.20	-5.51	-4.68	-16.63	31.4487	4	0
3/3/2015	13:00:01	-12.82	-4.39	3.39	-8.02	31.2445	4	0
3/3/2015	14:00:01	-11.34	-3.86	3.75	11.49	30.8361	4	0
3/3/2015	15:00:00	-10.37	-3.71	2.86	7.45	30.6319	4	0
3/3/2015	16:00:00	-8.94	-3.16	3.65	6.16	31.0403	4	0
3/3/2015	17:00:00	-7.63	-3.01	-4.17	-0.69	30.8361	4	0
3/3/2015	18:00:01	-6.18	-2.07	0.75	-2.23	30.8361	4	0
3/3/2015	19:00:01	-5.62	-2.28	-10.34	-11.27	31.6529	4	0
3/3/2015	20:00:00	-4.91	-2.28	-3.35	-6.71	31.6529	4	0
3/3/2015	21:00:00	-3.86	-1.74	-1.48	-9.50	32.0614	4	0
3/3/2015	22:00:01	-3.07	-1.21	1.82	4.56	32.2656	4	0
3/3/2015	23:00:01	-2.78	-0.42	2.48	6.79	32.0614	4	0
3/4/2015	0:00:01	-2.60	0.19	2.66	8.22	31.8571	4	0
3/4/2015	1:00:00	-2.16	-0.12	-0.56	-7.50	32.4698	4	0
3/4/2015	2:00:00	-2.05	-0.44	-0.33	-2.67	32.8782	4	0
3/4/2015	3:00:01	-2.00	-0.56	1.07	6.14	33.4908	4	0
3/4/2015	4:00:01	1.36	5.61	77.27	56.30	33.6951	4	0
3/4/2015	5:00:00	2.56	7.82	22.88	13.39	33.6951	4	0
3/4/2015	6:00:00	3.71	9.22	17.91	20.35	33.8993	4	0

3/4/2015	7:00:01	4.51	11.02	12.27	10.32	34.3077	4	0
3/4/2015	8:00:01	5.13	12.29	11.76	12.70	34.5119	4	0
3/4/2015	9:00:01	6.11	13.75	16.44	9.29	34.5119	4	0
3/4/2015	10:00:00	6.99	15.03	16.66	8.90	33.695	4	0
3/4/2015	11:00:00	7.89	16.05	14.81	9.07	33.8993	4	0
3/4/2015	12:00:01	8.67	17.05	14.56	11.68	33.8993	4	0
3/4/2015	13:00:01	9.08	18.18	12.68	15.35	34.1035	4	0
3/4/2015	14:00:00	9.34	19.03	9.95	10.40	34.3077	4	0
3/4/2015	15:00:00	9.64	19.78	10.07	11.32	33.8993	4	0
3/4/2015	16:00:00	9.69	13.79	5.35	-2.61	33.8993	4	0
3/4/2015	17:00:01	10.13	12.44	6.57	7.00	34.5119	4	0
3/4/2015	18:00:01	10.38	11.56	8.18	6.01	34.3077	4	0
3/4/2015	19:00:01	10.93	10.89	4.79	2.24	34.5119	4	0
3/4/2015	20:00:01	11.40	10.63	8.82	11.45	34.9203	4	0
3/4/2015	21:00:01	11.68	9.76	5.95	-0.19	34.9203	4	0
3/4/2015	22:00:00	11.92	9.08	8.63	8.98	35.3287	4	0
3/4/2015	23:00:00	11.97	8.20	4.13	13.93	35.533	4	0
3/5/2015	0:00:01	11.92	7.20	2.42	7.71	36.1456	4	0
3/5/2015	1:00:01	11.95	6.22	0.79	-7.08	35.7372	4	0
3/5/2015	2:00:00	12.09	5.75	4.22	8.75	36.1456	4	0
3/5/2015	3:00:00	12.29	5.43	5.87	8.58	36.1456	4	0
3/5/2015	4:00:00	9.41	5.41	5.10	6.47	36.3498	4	0
3/5/2015	5:00:01	8.65	5.26	4.80	13.27	36.3498	4	0
3/5/2015	6:00:01	8.18	5.12	6.37	8.75	36.7582	4	0
3/5/2015	7:00:00	8.17	5.72	11.98	20.43	36.7582	4	0
3/5/2015	8:00:00	8.20	5.98	11.69	14.45	36.7582	4	0
3/5/2015	9:00:01	8.00	6.35	10.07	4.24	36.1456	4	0
3/5/2015	10:00:01	7.79	6.52	10.19	9.70	35.533	4	0
3/5/2015	11:00:00	7.78	7.36	14.14	4.72	35.533	4	0
3/5/2015	12:00:00	7.59	7.93	9.04	5.15	34.9203	4	0
3/5/2015	13:00:00	7.40	8.52	7.68	14.72	35.3288	4	0
3/5/2015	14:00:01	7.38	8.94	9.11	11.87	35.3288	4	0
3/5/2015	15:00:01	7.29	9.11	8.15	9.69	34.9203	4	0
3/5/2015	16:00:01	7.44	9.41	8.56	13.18	35.3288	4	0
3/5/2015	17:00:01	7.52	9.72	8.80	3.87	35.533	4	0
3/5/2015	18:00:00	7.41	9.67	6.77	13.53	35.9414	4	0

3/5/2015	19:00:00	7.60	9.44	9.84	8.32	35.533	4	0
3/5/2015	20:00:01	7.50	9.00	6.52	11.63	36.3498	4	0
3/5/2015	21:00:01	7.49	8.64	6.01	4.51	36.7582	4	0
3/5/2015	22:00:00	7.58	8.70	11.03	14.97	37.1667	4	0
3/5/2015	23:00:00	7.91	8.55	12.24	8.79	37.1667	4	0
3/6/2015	0:00:01	8.31	8.83	12.29	10.58	37.3709	4	0
3/6/2015	1:00:01	8.67	8.99	9.71	4.14	37.5751	4	0
3/6/2015	2:00:01	9.15	9.56	15.77	20.58	37.7793	4	0
3/6/2015	3:00:00	9.34	9.79	10.85	7.07	37.9835	4	0
3/6/2015	4:00:00	9.62	10.05	11.35	9.42	38.1877	4	0
3/6/2015	5:00:01	9.89	10.26	11.00	9.34	38.5961	4	0
3/6/2015	6:00:01	10.07	10.59	10.47	4.18	38.1877	4	0
3/6/2015	7:00:00	10.05	10.70	10.72	11.17	38.1877	4	0
3/6/2015	8:00:00	10.09	11.15	10.80	7.59	37.5751	4	0
3/6/2015	9:00:01	10.05	11.32	6.92	11.75	36.3498	4	0
3/6/2015	10:00:00	10.19	11.48	12.41	19.15	36.3498	4	0
3/6/2015	11:00:00	10.04	11.29	9.55	9.68	36.1456	4	0
3/6/2015	12:00:00	10.14	11.12	9.87	4.55	35.1245	4	0
3/6/2015	13:00:01	10.32	11.27	11.47	22.70	34.9203	4	0
3/6/2015	14:00:00	10.40	10.77	10.15	6.26	34.7161	4	0
3/6/2015	15:00:00	10.49	10.70	10.50	9.45	35.1245	4	0
3/6/2015	16:00:00	10.51	10.45	8.56	9.81	34.9203	4	0
3/6/2015	17:00:01	10.52	10.24	9.08	10.66	34.9203	4	0
3/6/2015	18:00:01	10.68	10.27	11.62	11.34	35.3288	4	0
3/6/2015	19:00:00	10.64	10.13	9.88	6.50	35.1245	4	0
3/6/2015	20:00:00	10.81	10.07	10.38	14.99	35.3288	4	0
3/6/2015	21:00:01	10.82	10.07	7.25	10.71	35.7372	4	0
3/6/2015	22:00:01	10.81	9.92	10.74	9.47	35.533	4	0
3/6/2015	23:00:00	10.60	9.74	7.26	5.63	35.533	4	0
3/7/2015	0:00:00	10.47	9.71	9.47	12.11	36.1456	4	0
3/7/2015	1:00:01	10.51	9.65	10.52	8.40	35.1245	4	0
3/7/2015	2:00:01	10.35	9.91	13.51	14.85	35.9414	4	0
3/7/2015	3:00:01	10.36	9.99	11.46	18.46	35.7372	4	0
3/7/2015	4:00:00	10.27	10.06	8.82	9.10	35.3288	4	0
3/7/2015	5:00:00	10.31	10.34	12.61	16.55	35.533	4	0
3/7/2015	6:00:01	10.28	10.24	10.44	2.50	35.7372	4	0

3/7/2015	7:00:01	10.21	10.17	8.70	7.21	35.533	4	0
3/7/2015	8:00:00	10.23	10.21	10.22	13.11	35.1245	4	0
3/7/2015	9:00:01	10.54	10.73	12.78	25.79	35.1245	4	0
3/7/2015	10:00:00	10.54	10.73	12.78	4.39	35.1245	4	0
3/7/2015	11:00:00	10.77	11.53	11.90	18.82	34.7161	4	0
3/7/2015	12:00:00	10.77	11.56	9.72	10.14	34.7161	4	0
3/7/2015	13:00:01	10.87	11.83	13.94	12.16	34.5119	4	0
3/7/2015	14:00:00	10.95	11.71	12.49	12.01	34.5119	4	0
3/7/2015	15:00:00	11.02	11.81	13.40	13.39	34.9203	4	0
3/7/2015	16:00:01	11.22	12.20	14.15	14.39	35.533	4	0
3/7/2015	17:00:01	11.06	11.62	6.16	0.60	35.1245	4	0
3/7/2015	18:00:01	10.76	11.20	6.44	6.40	35.533	4	0
3/7/2015	19:00:00	10.58	10.95	5.89	7.68	35.533	4	0
3/7/2015	20:00:00	10.39	10.60	6.16	7.58	35.3287	4	0
3/7/2015	21:00:01	10.36	10.11	6.89	2.88	35.9414	4	0
3/7/2015	22:00:01	10.05	9.12	3.81	3.02	35.7372	4	0
3/7/2015	23:00:00	9.92	8.52	4.66	5.09	35.7372	4	0
3/8/2015	0:00:00	9.86	8.42	8.39	12.46	35.9414	4	0
3/8/2015	1:00:01	9.72	7.88	7.03	12.08	35.9414	4	0
3/8/2015	2:00:01	9.28	7.16	3.90	3.91	36.3498	4	0
3/8/2015	3:00:01	9.08	6.61	6.31	5.97	36.554	4	0
3/8/2015	4:00:00	9.02	6.06	7.28	9.61	36.554	4	0
3/8/2015	5:00:00	8.85	6.27	8.63	8.94	36.554	4	0
3/8/2015	6:00:01	8.78	6.47	8.88	5.71	36.1456	4	0
3/8/2015	7:00:01	8.73	6.63	7.85	7.90	36.9624	4	0
3/8/2015	8:00:00	8.63	6.67	6.20	12.41	36.1456	4	0
3/8/2015	9:00:00	8.35	6.57	5.50	3.29	35.7372	4	0
3/8/2015	10:00:00	8.26	7.32	12.47	11.05	35.533	4	0
3/8/2015	11:00:01	8.19	7.77	9.98	1.10	36.1456	4	0
3/8/2015	12:00:01	8.17	7.82	9.05	2.24	35.9414	4	0
3/8/2015	13:00:00	7.83	7.69	5.50	4.91	36.1456	4	0
3/8/2015	14:00:00	7.49	7.71	4.10	4.74	35.533	4	0
3/8/2015	15:00:01	7.23	7.77	7.02	9.76	35.533	4	0
3/8/2015	16:00:01	6.87	7.62	5.84	1.19	35.7372	4	0
3/8/2015	17:00:00	6.88	7.42	6.13	11.74	35.9414	4	0
3/8/2015	18:00:00	6.92	7.30	7.79	5.57	35.7372	4	0

3/8/2015	19:00:01	6.95	7.21	7.38	1.74	36.3498	4	0
3/8/2015	20:00:01	6.94	7.20	6.30	7.77	36.7582	4	0
3/8/2015	21:00:00	7.16	7.77	12.30	6.34	36.3498	4	0
3/8/2015	22:00:00	7.45	7.65	10.96	0.32	37.1667	4	0
3/8/2015	23:00:01	7.59	7.50	8.25	0.07	36.3498	4	0
3/9/2015	0:00:01	7.77	7.84	13.32	11.38	37.9835	4	0
3/9/2015	1:00:00	7.98	8.39	11.98	14.18	37.5751	4	0
3/9/2015	2:00:00	8.02	8.49	5.56	3.45	37.9835	4	0
3/9/2015	3:00:00	8.49	9.37	17.53	23.51	38.1877	4	0
3/9/2015	4:00:01	9.38	11.27	28.70	28.95	38.1877	4	0
3/9/2015	5:00:00	9.90	12.54	21.68	21.58	38.3919	4	0
3/9/2015	6:00:00	10.16	13.15	14.31	8.88	38.1877	4	0
3/9/2015	7:00:00	10.49	13.83	14.67	11.80	37.9835	4	0
3/9/2015	8:00:01	11.46	15.66	25.40	20.97	37.3709	4	0
3/9/2015	9:00:01	12.01	16.14	16.89	15.53	36.3498	4	0
3/9/2015	10:00:00	11.94	16.14	11.43	19.57	36.9624	4	0
3/9/2015	11:00:01	11.88	16.10	6.05	11.16	36.3498	4	0
3/9/2015	12:00:00	11.79	15.52	6.37	7.33	35.9414	4	0
3/9/2015	13:00:00	11.77	14.91	5.23	2.24	36.554	4	0
3/9/2015	14:00:01	11.70	14.64	2.39	2.47	35.9414	4	0
3/9/2015	15:00:01	11.47	13.25	1.68	9.37	36.7582	4	0
3/9/2015	16:00:01	11.49	11.30	6.88	9.90	37.1667	4	0
3/9/2015	17:00:00	11.38	9.75	4.45	9.52	37.5751	4	0
3/9/2015	18:00:01	11.27	9.04	6.85	7.02	37.3709	4	0
3/9/2015	19:00:01	11.36	8.59	9.57	2.94	36.9624	4	0
3/9/2015	20:00:01	11.41	7.14	8.19	9.22	36.7582	4	0
3/9/2015	21:00:00	11.14	6.31	7.03	15.77	37.1667	4	0
3/9/2015	22:00:00	11.13	6.24	10.60	11.26	37.7793	4	0
3/9/2015	23:00:01	11.31	6.84	13.28	4.29	37.9835	4	0
3/10/2015	0:00:01	11.03	6.88	6.61	0.36	37.7793	4	0
3/10/2015	1:00:00	10.85	7.07	7.53	-4.46	37.7793	4	0
3/10/2015	2:00:00	10.87	7.39	6.32	16.83	38.1877	4	0
3/10/2015	3:00:01	10.22	7.40	1.51	4.40	38.1877	4	0
3/10/2015	4:00:01	9.11	7.07	2.83	7.52	37.7793	4	0
3/10/2015	5:00:01	8.25	6.85	1.86	-1.62	37.5751	4	0
3/10/2015	6:00:00	7.73	6.49	2.63	-1.84	37.9835	4	0

3/10/2015	7:00:00	7.29	6.05	4.24	4.88	37.9835	4	0
3/10/2015	8:00:01	6.51	5.91	6.50	12.97	37.9835	4	0
3/10/2015	9:00:01	6.35	6.37	12.36	17.00	37.9835	4	0
3/10/2015	10:00:00	6.31	6.34	10.10	9.16	37.1667	4	0
3/10/2015	11:00:00	6.77	6.63	16.73	17.50	37.7793	4	0
3/10/2015	12:00:01	7.18	7.38	15.34	19.10	37.5751	4	0
3/10/2015	13:00:01	7.53	7.88	13.54	11.61	37.7793	4	0
3/10/2015	14:00:01	8.06	8.59	14.93	15.47	37.3709	4	0
3/10/2015	15:00:00	8.52	9.54	12.96	15.03	37.5751	4	0
3/10/2015	16:00:00	8.81	10.45	13.53	8.35	37.1667	4	0
3/10/2015	17:00:01	8.95	10.98	8.78	6.35	37.7793	4	0
3/10/2015	18:00:01	8.62	10.72	1.02	10.20	38.3919	4	0
3/10/2015	19:00:00	8.53	11.00	7.96	2.29	38.5961	4	0
3/10/2015	20:00:00	8.36	10.81	4.37	9.58	38.3919	4	0
3/10/2015	21:00:01	8.12	9.92	2.48	-2.92	39.2088	4	0
3/10/2015	22:00:01	7.93	9.58	5.61	7.71	38.8004	4	0
3/10/2015	23:00:00	7.59	8.65	5.42	6.29	38.5961	4	0
3/11/2015	0:00:00	7.51	7.80	4.81	9.63	39.413	4	0
3/11/2015	1:00:01	7.76	7.79	12.84	15.12	39.0046	4	0
3/11/2015	2:00:01	7.95	7.50	11.07	15.22	38.5961	4	0
3/11/2015	3:00:00	8.37	7.39	11.29	13.66	38.8004	4	0
3/11/2015	4:00:00	8.71	7.26	11.81	13.02	39.413	4	0
3/11/2015	5:00:00	9.13	7.56	12.38	15.07	39.6172	4	0
3/11/2015	6:00:01	9.84	9.12	19.73	18.75	39.6172	4	0
3/11/2015	7:00:00	10.50	10.12	19.83	25.21	40.0256	4	0
3/11/2015	8:00:00	12.18	13.56	44.85	59.98	39.0046	4	0
3/11/2015	9:00:00	13.23	16.44	35.88	22.91	39.0046	4	0
3/11/2015	10:00:01	13.69	17.63	18.02	13.49	38.1877	4	0
3/11/2015	11:00:01	13.78	18.70	17.08	15.27	38.5961	4	0
3/11/2015	12:00:00	13.68	19.37	12.32	17.21	38.5961	4	0
3/11/2015	13:00:00	13.86	19.75	17.37	12.96	38.1877	4	0
3/11/2015	14:00:01	14.36	21.05	26.63	46.06	37.7793	4	0
3/11/2015	15:00:01	14.52	21.47	16.39	15.06	38.1877	4	0
3/11/2015	16:00:01	14.49	21.55	14.19	13.58	37.9835	4	0
3/11/2015	17:00:00	14.43	21.12	8.40	11.71	38.3919	4	0
3/11/2015	18:00:00	14.78	20.27	12.03	4.99	39.0046	4	0

3/11/2015	19:00:01	14.86	19.47	12.27	19.32	39.2088	4	0
3/11/2015	20:00:01	15.59	17.60	24.23	11.38	39.6172	4	0
3/11/2015	21:00:00	15.90	15.53	11.44	12.53	40.0256	4	0
3/11/2015	22:00:00	16.23	15.23	14.54	19.73	40.0256	4	0
3/11/2015	23:00:01	16.51	14.87	12.47	14.58	39.8214	4	0
3/12/2015	0:00:01	16.85	15.07	15.32	22.23	40.8425	4	0
3/12/2015	1:00:01	16.96	14.92	14.65	12.15	40.6383	4	0
3/12/2015	2:00:00	17.13	14.22	18.10	15.31	41.2509	4	0
3/12/2015	3:00:00	17.75	15.11	26.43	37.90	40.8425	4	0
3/12/2015	4:00:01	18.60	16.59	31.00	30.15	41.2509	4	0
3/12/2015	5:00:01	18.93	17.60	20.34	18.84	41.4551	4	0
3/12/2015	6:00:00	18.74	17.88	15.02	18.94	41.4551	4	0
3/12/2015	7:00:00	18.97	18.90	23.30	26.07	40.6383	4	0
3/12/2015	8:00:00	18.47	19.47	29.45	18.16	40.6383	4	0
3/12/2015	9:00:01	17.94	20.31	19.86	18.68	40.8425	4	0
3/12/2015	10:00:01	17.92	20.35	12.48	12.89	39.8214	4	0
3/12/2015	11:00:00	17.66	20.17	10.06	14.28	40.0256	4	0
3/12/2015	12:00:01	17.66	19.81	10.66	5.13	39.8214	4	0
3/12/2015	13:00:01	17.39	19.38	8.64	11.80	39.413	4	0
3/12/2015	14:00:01	16.66	18.51	7.98	9.85	39.2088	4	0
3/12/2015	15:00:00	16.41	17.02	9.20	7.12	39.0046	4	0
3/12/2015	16:00:00	16.23	15.17	10.86	6.55	38.5961	4	0
3/12/2015	17:00:01	16.28	14.29	11.21	6.07	39.8214	4	0
3/12/2015	18:00:01	16.05	13.66	8.96	12.39	39.8214	4	0
3/12/2015	19:00:00	15.94	12.54	10.93	12.32	40.0256	4	0
3/12/2015	20:00:00	15.19	10.67	8.17	7.49	40.6383	4	0
3/12/2015	21:00:01	15.06	9.72	8.53	12.31	40.0256	4	0
3/12/2015	22:00:01	14.74	9.27	7.14	10.12	39.8214	4	0
3/12/2015	23:00:00	14.48	8.99	6.64	6.43	40.2299	4	0
3/13/2015	0:00:00	14.08	8.60	5.76	3.65	40.8425	4	0
3/13/2015	1:00:00	13.74	8.44	6.62	5.69	40.2299	4	0
3/13/2015	2:00:01	13.23	8.38	7.46	4.91	41.2509	4	0
3/13/2015	3:00:01	12.37	8.20	6.96	8.36	40.8425	4	0
3/13/2015	4:00:00	11.32	7.82	6.03	3.72	41.0467	4	0
3/13/2015	5:00:00	10.82	7.62	8.50	7.77	41.2509	4	0
3/13/2015	6:00:00	10.51	7.52	7.66	9.19	40.434	4	0

3/13/2015	7:00:01	10.09	7.74	13.50	13.17	40.8425	4	0
3/13/2015	8:00:01	9.62	8.53	17.09	23.33	40.2299	4	0
3/13/2015	9:00:00	9.47	9.07	14.06	14.07	40.0256	4	0
3/13/2015	10:00:00	9.49	9.57	13.23	14.30	40.2299	4	0
3/13/2015	11:00:01	9.75	10.31	15.00	14.11	39.6172	4	0
3/13/2015	12:00:01	10.17	11.50	19.17	21.39	38.8004	4	0
3/13/2015	13:00:00	10.65	12.62	20.05	19.17	38.8004	4	0
3/13/2015	14:00:00	11.04	13.38	15.75	15.19	38.8004	4	0
3/13/2015	15:00:01	11.63	14.76	24.08	19.92	38.3919	4	0
3/13/2015	16:00:01	11.87	15.65	17.31	9.74	39.2088	4	0
3/13/2015	17:00:00	12.17	16.48	18.79	24.99	39.2088	4	0
3/13/2015	18:00:00	12.36	17.01	15.77	13.73	40.2299	4	0
3/13/2015	19:00:01	12.50	17.09	15.71	24.54	40.0256	4	0
3/13/2015	20:00:01	12.79	16.95	16.86	17.09	40.2299	4	0
3/13/2015	21:00:00	13.02	16.95	13.95	13.82	40.0256	4	0
3/13/2015	22:00:00	13.13	16.73	11.88	13.53	40.6383	4	0
3/13/2015	23:00:00	13.31	16.41	11.20	11.16	40.8425	4	0
3/14/2015	0:00:01	13.45	15.64	9.87	10.97	40.6383	4	0
3/14/2015	1:00:01	13.65	14.99	12.07	13.91	40.6383	4	0
3/14/2015	2:00:00	13.95	14.92	14.06	15.50	40.4341	4	0
3/14/2015	3:00:00	14.16	14.08	14.28	17.73	41.4551	4	0
3/14/2015	4:00:01	14.37	13.57	10.30	3.56	41.0467	4	0
3/14/2015	5:00:00	14.41	12.88	10.15	9.15	41.6593	4	0
3/14/2015	6:00:01	14.46	12.41	10.19	9.02	41.2509	4	0
3/14/2015	7:00:01	14.26	11.86	8.93	6.87	41.8635	4	0
3/14/2015	8:00:00	14.02	11.36	9.92	9.06	41.4551	4	0
3/14/2015	9:00:00	14.24	11.61	15.51	17.47	41.2509	4	0
3/14/2015	10:00:00	14.00	11.24	7.35	2.97	40.6383	4	0
3/14/2015	11:00:01	13.82	11.05	8.17	5.94	40.4341	4	0
3/14/2015	12:00:01	13.36	10.82	6.85	9.29	40.6383	4	0
3/14/2015	13:00:00	12.91	10.47	7.38	6.38	40.434	4	0
3/14/2015	14:00:00	12.45	9.61	3.91	7.49	40.2299	4	0
3/14/2015	15:00:01	11.66	8.80	4.93	7.91	39.8214	4	0
3/14/2015	16:00:01	11.12	8.29	4.46	3.56	40.6383	4	0
3/14/2015	17:00:00	10.73	8.23	10.02	17.82	39.6172	4	0
3/14/2015	18:00:00	10.18	7.73	5.24	1.61	41.0467	4	0

3/14/2015	19:00:01	9.72	7.42	5.73	8.13	41.0467	4	0
3/14/2015	20:00:01	9.18	6.96	4.77	4.38	41.2509	4	0
3/14/2015	21:00:00	8.78	6.07	4.97	5.76	41.4551	4	0
3/14/2015	22:00:00	8.52	5.95	5.98	5.38	41.2509	4	0
3/14/2015	23:00:00	8.25	5.70	5.09	4.07	41.8635	4	0
3/15/2015	0:00:00	8.07	5.65	6.25	3.48	42.0678	4	0
3/15/2015	1:00:00	7.86	5.63	7.16	4.62	42.4762	4	0
3/15/2015	2:00:01	7.59	5.94	7.60	12.12	42.6804	4	0
3/15/2015	3:00:01	7.38	6.29	9.06	10.00	42.4762	4	0
3/15/2015	4:00:00	7.45	6.91	11.84	17.77	42.6804	4	0
3/15/2015	5:00:00	7.65	7.34	14.66	20.48	42.6804	4	0
3/15/2015	6:00:01	7.66	7.78	10.71	9.75	42.6804	4	0
3/15/2015	7:00:01	7.96	8.62	15.36	16.73	42.6804	4	0
3/15/2015	8:00:00	8.28	9.66	16.61	13.66	42.4762	4	0
3/15/2015	9:00:00	8.14	10.19	10.39	13.28	41.8635	4	0
3/15/2015	10:00:01	8.30	10.60	10.06	13.04	41.6593	4	0
3/15/2015	11:00:01	8.43	11.07	9.42	11.07	40.2299	4	0
3/15/2015	12:00:01	8.56	11.36	9.84	11.96	40.0256	4	0
3/15/2015	13:00:00	8.56	11.36	9.84	10.21	40.2299	4	0
3/15/2015	14:00:00	8.70	11.26	6.20	7.94	40.0256	4	0
3/15/2015	15:00:01	8.83	11.16	8.23	5.13	40.434	4	0
3/15/2015	16:00:01	9.18	11.20	12.95	13.63	40.4341	4	0
3/15/2015	17:00:00	9.21	10.80	10.53	9.36	40.8425	4	0
3/15/2015	18:00:00	9.36	10.64	9.72	9.29	40.6383	4	0
3/15/2015	19:00:01	9.61	10.29	12.07	14.61	40.6383	4	0
3/15/2015	20:00:01	9.96	10.00	14.21	15.34	41.0467	4	0
3/15/2015	21:00:00	10.23	10.08	11.53	12.48	40.6383	4	0
3/15/2015	22:00:00	10.34	10.02	10.24	13.48	41.4551	4	0
3/15/2015	23:00:00	10.48	9.90	7.24	5.53	40.6383	4	0
3/16/2015	0:00:01	10.49	9.61	6.26	7.22	40.8425	4	0
3/16/2015	1:00:01	10.52	9.75	8.40	9.02	40.8425	4	0
3/16/2015	2:00:00	10.56	10.01	9.43	7.46	40.6383	4	0
3/16/2015	3:00:00	10.56	10.15	10.19	12.36	41.2509	4	0
3/16/2015	4:00:01	10.51	10.04	11.99	14.26	41.6593	4	0
3/16/2015	5:00:01	10.51	10.44	14.99	18.44	41.0467	4	0
3/16/2015	6:00:00	10.78	11.11	17.60	22.16	41.8635	4	0

3/16/2015	7:00:00	11.06	11.95	21.57	24.54	41.4551	4	0
3/16/2015	8:00:00	11.38	12.77	22.99	24.28	41.6593	4	0
3/16/2015	9:00:01	11.89	13.67	21.63	25.21	41.2509	4	0
3/16/2015	10:00:01	12.66	15.11	26.27	26.88	41.0467	4	0
3/16/2015	11:00:00	13.36	16.64	24.62	25.68	40.6383	4	0
3/16/2015	12:00:00	13.94	18.07	22.39	26.83	40.2299	4	0
3/16/2015	13:00:01	14.68	19.32	21.91	23.97	40.0256	4	0
3/16/2015	14:00:01	15.23	20.10	18.07	17.86	39.8214	4	0
3/16/2015	15:00:01	15.71	20.84	18.38	21.70	39.6172	4	0
3/16/2015	16:00:00	15.85	21.20	18.02	20.13	40.0256	4	0
3/16/2015	17:00:00	16.09	21.28	16.77	18.59	39.8214	4	0
3/16/2015	18:00:01	16.30	21.08	18.62	20.55	40.2299	4	0
3/16/2015	19:00:01	16.52	20.76	19.96	19.41	41.2509	4	0
3/16/2015	20:00:00	16.38	19.82	14.21	12.85	41.8635	4	0
3/16/2015	21:00:01	16.64	19.49	17.82	12.41	41.6593	4	0
3/16/2015	22:00:00	16.80	18.61	17.36	21.89	42.0678	4	0
3/16/2015	23:00:00	17.32	18.26	20.38	25.80	42.0678	4	0
3/17/2015	0:00:00	18.10	18.77	30.56	23.00	42.4762	4	0
3/17/2015	1:00:01	18.28	18.16	14.80	11.06	42.8846	4	0
3/17/2015	2:00:01	18.19	17.38	8.25	10.28	43.0888	4	0
3/17/2015	3:00:00	18.12	16.68	9.34	10.92	43.293	4	0
3/17/2015	4:00:00	17.90	15.84	7.02	0.39	43.293	4	0
3/17/2015	5:00:01	17.39	14.82	4.41	8.00	43.293	4	0
3/17/2015	6:00:01	16.95	13.97	7.89	18.50	43.0888	4	0
3/17/2015	7:00:00	16.56	13.47	13.46	12.25	44.1099	4	0
3/17/2015	8:00:00	15.96	13.03	8.83	3.96	44.3141	4	0
3/17/2015	9:00:01	15.43	12.25	7.39	1.35	43.9057	4	0
3/17/2015	10:00:01	15.59	13.17	27.18	20.06	43.4972	4	0
3/17/2015	11:00:00	15.13	12.58	12.87	7.86	43.7015	4	0
3/17/2015	12:00:00	14.60	10.70	6.83	8.15	43.293	4	0
3/17/2015	13:00:01	14.06	10.13	7.71	5.49	43.293	4	0
3/17/2015	14:00:01	13.53	9.77	3.80	3.77	43.7015	4	0
3/17/2015	15:00:01	13.20	9.74	8.81	11.33	43.4972	4	0
3/17/2015	16:00:00	12.75	9.67	6.23	3.87	43.9057	4	0
3/17/2015	17:00:00	12.34	9.84	6.61	7.58	43.4972	4	0
3/17/2015	18:00:01	11.91	9.88	8.95	10.54	44.1099	4	0

3/17/2015	19:00:01	11.46	9.48	9.18	8.60	43.9057	4	0
3/17/2015	20:00:00	11.07	9.16	5.47	6.17	44.3141	4	0
3/17/2015	21:00:00	10.64	9.17	7.95	4.26	45.3352	4	0
3/17/2015	22:00:01	10.26	7.61	8.10	3.70	45.3352	4	0
3/17/2015	23:00:01	9.85	7.36	9.64	13.00	45.1309	4	0
3/18/2015	0:00:00	8.99	7.52	8.69	10.21	45.3352	4	0
3/18/2015	1:00:01	8.94	7.97	12.83	18.42	45.5394	4	0
3/18/2015	2:00:01	9.37	9.19	18.55	21.25	45.3352	4	0
3/18/2015	3:00:00	9.70	9.91	17.40	13.79	45.7436	4	0
3/18/2015	4:00:00	10.15	10.85	17.22	20.10	45.3352	4	0
3/18/2015	5:00:01	10.61	11.59	15.42	16.90	45.9478	4	0
3/18/2015	6:00:01	10.86	12.01	13.89	20.85	45.7436	4	0
3/18/2015	7:00:01	12.05	14.70	40.79	40.90	44.9267	4	0
3/18/2015	8:00:00	12.51	15.87	18.93	13.22	44.5183	4	0
3/18/2015	9:00:00	13.19	17.12	21.52	24.81	44.3141	4	0
3/18/2015	10:00:01	12.75	17.79	15.46	12.20	43.9057	4	0
3/18/2015	11:00:01	12.57	17.65	7.10	9.14	43.9057	4	0
3/18/2015	12:00:00	12.70	17.73	8.96	11.91	44.1099	4	0
3/18/2015	13:00:00	12.75	17.34	7.81	5.51	44.1099	4	0
3/18/2015	14:00:01	12.89	16.34	6.89	9.00	43.9057	4	0
3/18/2015	15:00:01	12.78	15.36	6.27	5.44	43.7015	4	0
3/18/2015	16:00:00	12.74	14.32	5.48	-0.19	43.7015	4	0
3/18/2015	17:00:00	12.75	13.61	7.90	6.98	43.9057	4	0
3/18/2015	18:00:01	12.79	13.24	9.76	5.95	43.9057	4	0
3/18/2015	19:00:00	12.75	10.50	9.37	9.83	43.293	4	0
3/18/2015	20:00:00	12.75	10.50	9.37	12.48	43.7015	4	0
3/18/2015	21:00:00	13.45	9.63	17.05	22.27	43.4972	4	0
3/18/2015	22:00:01	13.68	9.50	14.11	9.98	44.1099	4	0
3/18/2015	23:00:00	13.69	9.81	11.12	10.43	44.7225	4	0
3/19/2015	0:00:00	13.78	9.96	10.62	8.97	44.3141	4	0
3/19/2015	1:00:00	13.64	10.16	10.37	10.83	44.5183	4	0
3/19/2015	2:00:01	13.29	10.48	10.66	8.67	44.9267	4	0
3/19/2015	3:00:01	13.20	11.29	16.10	10.52	44.7225	4	0
3/19/2015	4:00:00	12.95	11.82	12.03	11.45	44.7225	4	0
3/19/2015	5:00:00	12.93	12.44	15.36	23.23	45.1309	4	0
3/19/2015	6:00:01	12.97	12.92	15.79	10.69	45.7436	4	0

3/19/2015	7:00:01	11.86	13.33	13.98	13.93	45.3352	4	0
3/19/2015	8:00:01	11.70	13.42	13.65	16.70	44.9267	4	0
3/19/2015	9:00:00	11.32	12.99	10.55	0.82	44.1099	4	0
3/19/2015	10:00:00	11.26	12.96	13.40	16.68	44.1099	4	0
3/19/2015	11:00:01	11.22	12.54	6.05	3.75	44.7225	4	0
3/19/2015	12:00:01	11.30	12.51	9.87	12.25	43.4972	4	0
3/19/2015	13:00:00	11.40	12.48	10.06	7.11	43.9057	4	0
3/19/2015	14:00:00	11.49	12.32	8.81	15.20	43.7015	4	0
3/19/2015	15:00:01	11.70	11.90	11.58	16.10	44.1099	4	0
3/19/2015	16:00:01	11.83	11.58	8.21	9.54	43.7015	4	0
3/19/2015	17:00:00	11.86	11.01	8.97	10.83	43.9057	4	0
3/19/2015	18:00:00	11.94	10.68	12.51	11.99	43.7015	4	0
3/19/2015	19:00:01	12.01	10.43	11.47	15.42	44.3141	4	0
3/19/2015	20:00:01	11.86	10.12	10.21	9.07	44.1099	4	0
3/19/2015	21:00:00	11.66	10.32	13.29	10.09	44.5183	4	0
3/19/2015	22:00:00	11.45	10.01	9.93	9.75	44.3141	4	0
3/19/2015	23:00:00	11.34	10.25	9.08	8.80	44.9267	4	0
3/20/2015	0:00:01	11.22	10.06	7.36	6.75	44.9267	4	0
3/20/2015	1:00:01	11.05	9.78	6.81	11.33	45.1309	4	0
3/20/2015	2:00:00	10.99	9.82	9.14	8.91	45.3352	4	0
3/20/2015	3:00:00	10.73	9.72	10.35	9.50	44.5183	4	0
3/20/2015	4:00:01	10.70	9.97	10.96	13.67	44.9267	4	0
3/20/2015	5:00:01	10.52	10.19	11.75	13.24	45.3352	4	0
3/20/2015	6:00:00	10.44	10.33	13.98	13.96	45.1309	4	0
3/20/2015	7:00:00	10.40	10.47	12.91	8.66	45.5394	4	0
3/20/2015	8:00:01	10.49	10.93	15.56	16.33	45.3352	4	0
3/20/2015	9:00:00	10.49	10.93	15.56	15.24	44.7225	4	0
3/20/2015	10:00:00	11.00	11.94	14.93	17.01	44.5183	4	0
3/20/2015	11:00:01	11.29	12.26	12.79	14.66	44.9267	4	0
3/20/2015	12:00:01	11.57	12.99	15.64	14.68	44.5183	4	0
3/20/2015	13:00:00	11.72	13.52	12.73	13.10	44.3141	4	0
3/20/2015	14:00:01	12.01	14.04	15.26	17.27	44.3141	4	0
3/20/2015	15:00:01	12.21	14.51	15.59	16.69	44.5183	4	0
3/20/2015	16:00:01	12.54	14.93	16.31	15.60	44.3141	4	0
3/20/2015	17:00:00	12.83	15.32	17.69	19.46	44.5183	4	0
3/20/2015	18:00:00	12.78	15.13	13.03	14.05	45.3352	4	0

3/20/2015	19:00:01	12.79	15.05	12.53	12.22	45.1309	4	0
3/20/2015	20:00:00	12.72	14.50	9.71	8.33	46.152	4	0
3/20/2015	21:00:01	12.61	13.75	10.55	12.89	45.7436	4	0
3/20/2015	22:00:00	12.73	13.64	14.18	12.33	46.7646	4	0
3/20/2015	23:00:00	12.82	13.51	11.09	11.12	46.5604	4	0
3/21/2015	0:00:00	12.92	13.06	10.18	12.30	46.5604	4	0
3/21/2015	1:00:01	13.10	12.92	10.64	13.78	46.7646	4	0
3/21/2015	2:00:01	13.14	12.51	9.90	9.72	46.5604	4	0
3/21/2015	3:00:00	13.03	11.90	8.13	9.80	46.5604	4	0
3/21/2015	4:00:00	13.01	11.44	10.29	12.71	46.5604	4	0
3/21/2015	5:00:01	13.07	11.08	12.96	13.45	46.5604	4	0
3/21/2015	6:00:01	13.08	11.27	15.84	18.80	46.152	4	0
3/21/2015	7:00:00	13.35	11.73	16.88	21.53	46.3562	4	0
3/21/2015	8:00:00	13.85	13.10	25.24	33.60	45.5394	4	0
3/21/2015	9:00:00	13.56	13.23	11.69	7.73	45.9478	4	0
3/21/2015	10:00:01	13.26	12.61	6.26	11.16	44.9267	4	0
3/21/2015	11:00:00	13.05	12.28	6.99	7.71	45.1309	4	0
3/21/2015	12:00:01	12.72	12.04	6.99	7.48	44.7225	4	0
3/21/2015	13:00:01	12.42	11.58	5.26	4.57	44.7225	4	0
3/21/2015	14:00:00	11.90	10.97	2.56	4.96	44.3141	4	0
3/21/2015	15:00:00	11.45	10.65	4.42	-1.08	44.5183	4	0
3/21/2015	16:00:00	11.11	10.45	7.98	9.19	44.9267	4	0
3/21/2015	17:00:01	10.67	9.98	8.02	16.87	45.1309	4	0
3/21/2015	18:00:01	10.35	9.19	7.66	5.75	45.3351	4	0
3/21/2015	19:00:00	10.39	8.98	15.28	28.30	45.9478	4	0
3/21/2015	20:00:00	10.53	8.09	15.16	9.53	46.5604	4	0
3/21/2015	21:00:01	10.47	7.97	10.45	9.16	46.152	4	0
3/21/2015	22:00:01	10.19	8.09	7.73	7.58	47.7857	4	0
3/21/2015	23:00:00	9.99	8.10	7.38	8.03	47.7857	4	0
3/22/2015	0:00:00	9.99	8.10	7.38	11.68	47.3773	4	0
3/22/2015	1:00:01	9.99	8.85	11.86	16.48	47.7857	4	0
3/22/2015	2:00:01	10.13	9.72	13.08	14.36	47.7857	4	0
3/22/2015	3:00:00	10.30	10.35	11.88	12.27	47.7857	4	0
3/22/2015	4:00:00	10.28	10.55	10.34	7.79	48.3983	4	0
3/22/2015	5:00:01	10.15	10.71	9.63	11.32	47.9899	4	0
3/22/2015	6:00:01	9.93	10.95	10.48	7.90	48.3983	4	0

3/22/2015	7:00:01	9.59	10.38	7.64	8.08	48.3984	4	0
3/22/2015	8:00:00	9.02	10.01	9.76	17.83	47.3773	4	0
3/22/2015	9:00:00	9.58	11.16	23.74	35.01	46.3562	4	0
3/22/2015	10:00:01	10.17	12.18	19.42	20.56	46.7646	4	0
3/22/2015	11:00:01	10.76	13.31	20.88	17.70	46.5604	4	0
3/22/2015	12:00:00	11.31	14.17	19.21	16.46	46.9688	4	0
3/22/2015	13:00:00	11.83	14.63	17.46	19.68	46.7646	4	0
3/22/2015	14:00:01	12.58	15.23	20.53	28.28	46.7646	4	0
3/22/2015	15:00:01	13.51	16.47	27.49	19.32	46.152	4	0
3/22/2015	16:00:01	13.78	16.84	16.22	12.08	46.9689	4	0
3/22/2015	17:00:00	13.98	17.09	13.01	14.91	46.7646	4	0
3/22/2015	18:00:00	14.19	17.33	14.68	17.05	47.7857	4	0
3/22/2015	19:00:01	14.02	17.60	11.40	5.35	47.7857	4	0
3/22/2015	20:00:01	13.87	17.77	12.46	10.35	48.3983	4	0
3/22/2015	21:00:00	13.86	16.68	10.65	11.81	48.3983	4	0
3/22/2015	22:00:00	13.93	15.89	9.89	11.48	48.1941	4	0
3/22/2015	23:00:01	14.02	14.97	9.09	9.70	48.8068	4	0
3/23/2015	0:00:01	13.96	14.06	7.87	7.45	48.6026	4	0
3/23/2015	1:00:00	13.92	13.52	10.42	13.22	48.3983	4	0
3/23/2015	2:00:00	13.85	12.80	11.32	12.61	47.9899	4	0
3/23/2015	3:00:01	13.86	11.54	11.69	13.93	48.3983	4	0
3/23/2015	4:00:01	14.38	12.15	23.72	12.91	48.6026	4	0
3/23/2015	5:00:01	14.48	12.04	11.19	13.44	48.6026	4	0
3/23/2015	6:00:00	14.54	11.89	13.25	18.22	48.8068	4	0
3/23/2015	7:00:00	14.68	11.86	10.96	9.75	48.8068	4	0
3/23/2015	8:00:01	14.60	11.52	8.65	11.11	48.8068	4	0
3/23/2015	9:00:01	13.94	11.26	7.55	4.84	48.3983	4	0
3/23/2015	10:00:00	13.52	11.16	8.36	9.30	48.6026	4	0
3/23/2015	11:00:00	12.97	10.99	6.98	5.24	48.8068	4	0
3/23/2015	12:00:01	12.53	11.00	7.97	10.47	48.3983	4	0
3/23/2015	13:00:01	12.25	11.00	10.40	8.96	48.8068	4	0
3/23/2015	14:00:02	11.93	11.09	12.38	12.45	48.6026	4	0
3/23/2015	15:00:00	11.44	11.35	14.52	19.18	49.011	4	0
3/23/2015	16:00:00	11.37	10.58	14.67	13.97	49.2152	4	0
3/23/2015	17:00:01	11.35	10.68	12.36	12.05	48.3983	4	0
3/23/2015	18:00:01	11.30	10.71	13.75	14.89	48.3983	4	0

3/23/2015	19:00:00	11.49	11.14	16.24	19.21	49.2152	4	0
3/23/2015	20:00:00	11.60	11.68	15.44	15.52	49.4194	4	0
3/23/2015	21:00:01	11.71	12.16	13.23	13.70	49.4194	4	0
3/23/2015	22:00:00	11.88	12.67	14.94	13.46	49.4194	4	0
3/23/2015	23:00:01	12.12	13.32	14.88	15.96	49.6236	4	0
3/24/2015	0:00:01	12.45	13.93	14.48	13.95	49.4194	4	0
3/24/2015	1:00:00	12.45	13.93	14.48	12.92	49.6236	4	0
3/24/2015	2:00:00	12.54	14.08	13.21	15.44	50.2363	4	0
3/24/2015	3:00:00	12.36	13.52	8.33	7.96	50.6447	4	0
3/24/2015	4:00:00	11.76	13.08	9.38	12.13	50.8489	4	0
3/24/2015	5:00:00	11.65	12.77	8.46	8.99	51.2573	4	0
3/24/2015	6:00:01	11.49	12.42	9.41	8.76	50.24	4	0
3/24/2015	7:00:01	11.44	11.88	9.57	9.91	50.85	4	0
3/24/2015	8:00:00	11.56	11.48	9.78	8.38	50.64	4	0
3/24/2015	9:00:00	11.66	11.21	9.78	11.64	49.62	4	0
3/24/2015	10:00:01	11.71	10.70	8.19	9.14	49.22	4	0
3/24/2015	11:00:01	11.92	10.38	10.73	4.53	49.22	4	0
3/24/2015	12:00:00	12.08	10.12	11.17	15.78	49.01	4	0
3/24/2015	13:00:00	12.38	10.53	16.83	16.92	49.42	4	0
3/24/2015	14:00:00	12.41	10.47	12.50	10.66	48.60	4	0
3/24/2015	15:00:01	12.22	10.58	9.69	11.96	48.60	4	0
3/24/2015	16:00:01	11.97	10.54	9.17	6.93	49.01	4	0
3/24/2015	17:00:00	11.79	10.49	7.85	6.23	49.22	4	0
3/24/2015	18:00:00	11.66	10.58	10.81	8.04	49.01	4	0
3/24/2015	19:00:01	11.23	10.28	6.28	10.17	49.83	4	0
3/24/2015	20:00:01	11.01	10.31	10.13	8.89	49.83	4	0
3/24/2015	21:00:00	10.71	9.98	5.82	5.92	49.22	4	0
3/24/2015	22:00:00	10.48	10.09	9.54	10.59	49.62	4	0
3/24/2015	23:00:01	10.30	10.07	10.29	10.99	49.83	4	0
3/25/2015	0:00:01	10.14	10.05	11.05	10.82	49.42	4	0
3/25/2015	1:00:00	10.06	9.48	10.09	11.15	49.01	4	0
3/25/2015	2:00:00	9.99	9.42	11.77	16.18	48.81	4	0
3/25/2015	3:00:00	10.02	9.39	9.62	4.70	49.22	4	0
3/25/2015	4:00:01	9.97	9.34	8.62	8.58	48.60	4	0
3/25/2015	5:00:01	10.17	9.82	13.78	13.27	49.22	4	0
3/25/2015	6:00:00	10.47	10.30	16.64	11.28	49.22	4	0

3/25/2015	7:00:00	10.56	10.79	12.04	10.77	49.01	4	0
3/25/2015	8:00:01	10.46	10.58	7.88	8.13	49.42	4	0
3/25/2015	9:00:01	10.33	10.66	6.60	9.58	49.22	4	0
3/25/2015	10:00:00	10.38	10.66	9.70	9.09	49.62	4	0
3/25/2015	11:00:00	10.29	10.50	8.19	8.40	49.22	4	0
3/25/2015	12:00:00	10.29	10.53	11.36	11.43	49.22	4	0
3/25/2015	13:00:01	10.00	10.54	10.14	9.82	49.22	4	0
3/25/2015	14:00:01	9.98	10.53	11.41	13.15	49.83	4	0
3/25/2015	15:00:00	10.10	10.78	12.56	10.63	49.42	4	0
3/25/2015	16:00:00	10.25	11.14	13.10	12.62	49.01	4	0
3/25/2015	17:00:01	10.42	10.98	11.83	12.18	49.22	4	0
3/25/2015	18:00:01	10.39	10.44	10.37	10.49	49.42	4	0
3/25/2015	19:00:00	10.64	10.48	12.50	14.49	49.01	4	0
3/25/2015	20:00:00	10.70	10.80	12.09	10.84	49.42	4	0
3/25/2015	21:00:01	10.82	10.99	8.97	8.00	49.83	4	0
3/25/2015	22:00:01	10.69	10.71	6.12	1.30	49.83	4	0
3/25/2015	23:00:00	10.41	10.36	4.52	3.58	49.83	4	0
3/26/2015	0:00:00	10.03	9.58	2.21	0.84	49.83	4	0
3/26/2015	1:00:01	9.67	8.89	1.85	3.85	50.24	4	0
3/26/2015	2:00:01	9.25	8.07	1.56	0.41	50.44	4	0
3/26/2015	3:00:01	8.92	7.20	2.12	1.04	50.64	4	0
3/26/2015	4:00:00	8.72	6.44	3.74	4.26	50.24	4	0
3/26/2015	5:00:00	8.30	5.76	3.60	6.65	50.85	4	0
3/26/2015	6:00:01	7.86	5.41	6.12	6.13	50.85	4	0
3/26/2015	7:00:01	7.59	4.83	5.31	6.70	51.05	4	0
3/26/2015	8:00:00	7.61	4.47	7.62	9.66	50.24	4	0
3/26/2015	9:00:00	7.65	4.31	6.93	9.22	49.83	4	0
3/26/2015	10:00:01	7.45	4.21	4.88	6.63	50.44	4	0
3/26/2015	11:00:01	7.43	4.43	7.08	4.36	50.03	4	0
3/26/2015	12:00:00	7.21	4.75	5.95	5.09	49.22	4	0
3/26/2015	13:00:00	7.06	5.12	6.18	2.67	49.22	4	0
3/26/2015	14:00:00	6.90	5.63	7.69	10.31	49.42	4	0
3/26/2015	15:00:01	6.80	6.29	10.03	15.19	49.22	4	0
3/26/2015	16:00:01	6.67	6.84	10.39	6.02	49.01	4	0
3/26/2015	17:00:00	6.49	7.17	7.71	11.83	49.42	4	0
3/26/2015	18:00:00	6.38	7.31	8.16	9.96	50.03	4	0

3/26/2015	19:00:01	6.16	7.48	7.72	8.05	50.44	4	0
3/26/2015	20:00:01	6.04	7.62	9.58	12.31	51.05	4	0
3/26/2015	21:00:01	6.02	7.73	8.28	7.64	50.85	4	0
3/26/2015	22:00:00	5.99	7.78	5.59	6.07	51.67	4	0
3/26/2015	23:00:00	6.04	7.68	5.90	6.55	52.07	4	0
3/27/2015	0:00:01	6.12	7.54	4.03	3.35	51.26	4	0
3/27/2015	1:00:01	6.21	7.37	4.12	6.04	51.26	4	0
3/27/2015	2:00:00	6.34	7.13	4.77	4.14	51.05	4	0
3/27/2015	3:00:00	6.43	6.67	4.37	3.75	51.05	4	0
3/27/2015	4:00:01	6.48	6.26	5.53	5.96	51.67	4	0
3/27/2015	5:00:01	6.54	6.05	5.18	5.61	52.28	4	0
3/27/2015	6:00:00	6.50	5.82	5.36	3.12	52.28	4	0
3/27/2015	7:00:00	6.46	5.54	4.12	6.90	52.28	4	0
3/27/2015	8:00:00	6.40	5.23	5.66	0.22	51.46	4	0
3/27/2015	9:00:01	6.45	5.22	8.01	12.30	51.67	4	0
3/27/2015	10:00:01	7.28	6.82	24.83	15.59	51.67	4	0
3/27/2015	11:00:00	7.36	7.05	8.37	13.00	51.05	4	0
3/27/2015	12:00:00	7.65	7.78	12.68	12.35	50.64	4	0
3/27/2015	13:00:01	7.76	8.15	8.43	8.24	50.85	4	0
3/27/2015	14:00:01	7.68	8.21	5.41	13.82	50.64	4	0
3/27/2015	15:00:00	7.51	8.31	5.26	3.40	50.85	4	0
3/27/2015	16:00:00	7.42	8.53	8.44	6.09	50.85	4	0
3/27/2015	17:00:01	7.37	8.64	6.54	7.27	50.64	4	0
3/27/2015	18:00:01	7.29	8.72	6.73	9.38	50.85	4	0
3/27/2015	19:00:01	7.22	8.88	6.65	6.66	52.28	4	0
3/27/2015	20:00:00	7.12	9.02	7.60	12.77	51.87	4	0
3/27/2015	21:00:00	7.29	9.38	12.50	12.53	52.69	4	0
3/27/2015	22:00:01	7.47	8.17	10.40	10.35	52.89	4	0
3/27/2015	23:00:01	7.56	8.16	8.36	7.85	53.10	4	0
3/28/2015	0:00:00	7.82	7.97	10.19	10.98	53.10	4	0
3/28/2015	1:00:00	8.01	8.03	9.23	11.93	53.91	4	0
3/28/2015	2:00:01	8.16	8.26	8.07	8.23	54.12	4	0
3/28/2015	3:00:01	8.28	8.46	7.67	6.03	53.30	4	0
3/28/2015	4:00:01	8.37	8.43	8.06	9.08	53.91	4	0
3/28/2015	5:00:00	8.58	8.73	10.11	11.46	53.91	4	0
3/28/2015	6:00:00	8.58	8.73	10.11	12.07	53.91	4	0

3/28/2015	7:00:01	9.16	9.49	9.68	8.83	52.89	4	0
3/28/2015	8:00:01	9.76	10.49	19.09	7.94	51.67	4	0
3/28/2015	9:00:00	9.62	9.81	4.08	3.64	51.87	4	0
3/28/2015	10:00:00	8.91	9.54	6.77	7.79	52.07	4	0
3/28/2015	11:00:00	8.76	9.22	4.39	1.88	51.67	4	0
3/28/2015	12:00:01	8.52	8.92	6.47	11.99	52.07	4	0
3/28/2015	13:00:01	8.44	8.66	5.98	7.49	51.26	4	0
3/28/2015	14:00:00	8.55	8.61	7.46	8.40	51.05	4	0
3/28/2015	15:00:00	8.64	8.56	7.17	5.56	50.64	4	0
3/28/2015	16:00:01	8.64	8.57	8.23	8.90	50.64	4	0
3/28/2015	17:00:01	8.78	8.53	10.21	9.40	51.46	4	0
3/28/2015	18:00:00	8.88	8.35	10.29	6.94	51.46	4	0
3/28/2015	19:00:00	8.98	8.30	9.37	16.01	51.87	4	0
3/28/2015	20:00:01	9.15	7.73	12.90	11.98	52.07	4	0
3/28/2015	21:00:01	9.08	8.30	11.01	8.80	51.05	4	0
3/28/2015	22:00:01	9.03	8.53	9.69	11.34	52.07	4	0
3/28/2015	23:00:00	9.09	9.01	10.18	10.99	52.69	4	0
3/29/2015	0:00:00	8.97	9.11	7.84	4.35	52.28	4	0
3/29/2015	1:00:01	8.80	9.05	4.95	4.52	52.07	4	0
3/29/2015	2:00:01	8.72	8.95	6.06	6.30	52.28	4	0
3/29/2015	3:00:00	8.61	8.78	5.15	4.02	52.48	4	0
3/29/2015	4:00:00	8.51	8.60	5.96	5.93	52.28	4	0
3/29/2015	5:00:01	8.29	8.17	4.79	5.36	52.69	4	0
3/29/2015	6:00:01	8.13	7.99	8.08	7.81	52.07	4	0
3/29/2015	7:00:00	8.01	7.75	5.99	3.06	52.48	4	0
3/29/2015	8:00:00	7.57	7.36	8.01	5.85	51.46	4	0
3/29/2015	9:00:00	7.76	7.14	8.36	11.55	51.26	4	0
3/29/2015	10:00:01	7.86	7.09	9.17	5.94	51.26	4	0
3/29/2015	11:00:00	8.08	7.04	9.66	17.60	51.87	4	0
3/29/2015	12:00:00	8.04	6.81	4.99	7.15	51.67	4	0
3/29/2015	13:00:01	8.15	7.08	7.94	9.17	50.85	4	0
3/29/2015	14:00:01	8.38	7.56	11.15	9.30	50.03	4	0
3/29/2015	15:00:01	8.64	8.20	12.61	11.85	49.62	4	0
3/29/2015	16:00:00	8.64	8.20	12.61	16.12	49.01	4	0
3/29/2015	17:00:00	9.02	9.58	16.17	17.95	49.22	4	0
3/29/2015	18:00:01	9.27	10.26	16.41	18.44	48.81	4	0

3/29/2015	19:00:01	9.41	10.89	14.54	3.75	49.42	4	0
3/29/2015	20:00:00	8.81	10.16	0.65	-0.18	50.85	4	0
3/29/2015	21:00:00	8.43	9.68	3.34	3.10	50.85	4	0
3/29/2015	22:00:01	8.17	9.22	3.89	5.57	50.85	4	0
3/29/2015	23:00:01	7.94	8.83	5.02	6.64	51.67	4	0
3/30/2015	0:00:01	7.72	8.66	3.45	4.13	51.67	4	0
3/30/2015	1:00:00	7.76	8.47	5.39	6.25	52.07	4	0
3/30/2015	2:00:00	7.67	7.92	4.68	4.26	52.07	4	0
3/30/2015	3:00:01	7.70	7.39	5.91	8.25	52.28	4	0
3/30/2015	4:00:01	7.72	7.05	6.75	9.46	51.67	4	0
3/30/2015	5:00:00	7.80	6.32	7.00	8.82	52.07	4	0
3/30/2015	6:00:00	7.81	5.69	8.07	9.53	52.69	4	0
3/30/2015	7:00:01	8.04	5.40	10.39	13.42	50.64	4	0
3/30/2015	8:00:01	8.48	6.80	17.17	20.70	50.44	4	0
3/30/2015	9:00:01	8.78	7.76	14.45	8.13	50.4405	4	0
3/30/2015	10:00:00	8.88	8.35	10.42	8.93	50.032	4	0
3/30/2015	11:00:00	8.85	8.63	7.80	11.59	48.6026	4	0
3/30/2015	12:00:01	9.01	9.04	7.83	8.50	48.8068	4	0
3/30/2015	13:00:01	8.99	9.18	6.72	5.72	48.1941	4	0
3/30/2015	14:00:00	8.82	9.40	7.31	5.29	48.1941	4	0
3/30/2015	15:00:00	8.58	9.44	6.17	10.09	47.7857	4	0
3/30/2015	16:00:01	8.59	9.86	12.73	14.74	48.6026	4	0
3/30/2015	17:00:01	8.32	10.08	9.98	11.03	48.6026	4	0
3/30/2015	18:00:00	8.32	10.78	17.11	18.80	48.8068	4	0
3/30/2015	19:00:00	8.17	10.83	11.60	13.68	48.8068	4	0
3/30/2015	20:00:01	8.55	10.17	9.93	6.56	49.8278	4	0
3/30/2015	21:00:01	8.87	9.87	11.18	11.09	49.2152	4	0
3/30/2015	22:00:01	9.19	9.96	11.87	11.97	49.011	4	0
3/30/2015	23:00:00	9.48	10.35	12.79	9.35	50.032	4	0
3/31/2015	0:00:00	9.85	10.74	12.74	13.25	49.62	4	0
3/31/2015	1:00:01	10.19	11.27	12.03	14.10	49.2152	4	0
3/31/2015	2:00:01	10.63	11.96	15.75	18.59	49.011	4	0
3/31/2015	3:00:00	11.17	13.09	20.54	22.37	49.6236	4	0
3/31/2015	4:00:00	11.56	13.49	18.60	16.18	50.2363	4	0
3/31/2015	5:00:01	11.92	14.01	16.68	19.62	50.6447	4	0
3/31/2015	6:00:01	12.10	13.72	14.07	11.47	52.0742	4	0

3/31/2015	7:00:00	12.31	14.02	14.01	16.32	51.0531	4	0
3/31/2015	8:00:00	12.31	14.02	14.01	7.28	51.0531	4	0
3/31/2015	9:00:00	11.95	14.15	8.46	8.73	51.4615	4	0
3/31/2015	10:00:01	11.96	14.00	8.80	8.40	49.6236	4	0
3/31/2015	11:00:01	11.90	13.42	5.22	2.54	49.8278	4	0
3/31/2015	12:00:00	11.86	12.91	6.43	7.83	49.6236	4	0
3/31/2015	13:00:00	11.86	12.44	6.13	8.70	49.6236	4	0
3/31/2015	14:00:01	11.88	11.74	7.09	7.64	49.6236	4	0
3/31/2015	15:00:01	11.90	10.54	6.22	3.68	49.6236	4	0
3/31/2015	16:00:00	11.69	9.57	7.23	10.34	49.011	4	0
3/31/2015	17:00:00	11.68	8.96	9.89	9.19	49.2152	4	0
3/31/2015	18:00:01	11.34	8.58	10.46	16.53	49.6236	4	0
3/31/2015	19:00:01	11.16	8.08	8.85	9.53	50.8489	4	0
3/31/2015	20:00:00	11.13	7.90	10.78	13.20	50.6447	4	0
3/31/2015	21:00:01	11.29	8.51	16.18	18.18	51.2573	4	0
3/31/2015	22:00:01	11.51	9.29	18.62	25.29	51.87	4	0
3/31/2015	23:00:00	12.03	10.95	25.19	20.83	52.0742	4	0
4/1/2015	0:00:00	12.30	12.00	18.74	14.17	51.87	4	0
4/1/2015	1:00:01	12.28	12.41	10.68	12.87	51.8699	4	0
4/1/2015	2:00:01	12.15	12.86	12.44	12.60	51.4615	4	0
4/1/2015	3:00:01	11.71	13.16	9.98	9.42	52.2784	4	0
4/1/2015	4:00:00	11.40	13.52	11.55	12.24	52.2784	4	0
4/1/2015	5:00:00	11.39	14.07	16.11	11.82	51.87	4	0
4/1/2015	6:00:01	11.32	14.26	12.66	17.19	52.2784	4	0
4/1/2015	7:00:01	11.50	15.01	16.70	12.62	51.4615	4	0
4/1/2015	8:00:00	11.76	15.61	16.23	16.39	51.2573	4	0
4/1/2015	9:00:00	12.13	15.60	13.81	13.63	50.4405	4	0
4/1/2015	10:00:01	0.00	0.00	0.00	0.00	20.4212	1	0
4/1/2015	11:00:01	0	0	0	0	20.0128	3	0
4/1/2015	12:00:00	0	0	0	0	20.0128	3	0
4/1/2015	13:00:00	0	0	0	-165.834	20.0128	4	0
4/1/2015	14:00:01	0	0	0	-99.8031	19.8086	4	0
4/1/2015	15:00:01	0	0	-164.107	-224.708	19.8086	4	0
4/1/2015	16:00:01	0	0	-212.05	-328.364	19.6044	4	0
4/1/2015	17:00:01	0	0	-344.46	-428.384	20.4212	4	0
4/1/2015	18:00:01	0	0	-294.08	-281.131	20.6255	4	0

4/1/2015	19:00:00	0	0	-164.635	-126.094	21.0339	4	0
4/1/2015	20:00:00	0	0	-107.894	-116.033	21.2381	4	0
4/1/2015	21:00:01	0	0	-82.1631	-78.2606	21.6465	4	0
4/1/2015	22:00:00	0	0	-37.8538	-34.6214	21.0339	4	0
4/1/2015	23:00:01	0	0	-23.949	-23.0949	21.8507	4	0
4/2/2015	0:00:01	0.00	0.00	-11.08	-12.33	21.44	4	0
4/2/2015	1:00:00	0	0	0.102319	2.18644	21.8507	4	0
4/2/2015	2:00:00	0	-118.06	-7.23967	-6.10444	22.0549	4	0
4/2/2015	3:00:00	0	-103.747	2.15138	12.1534	22.0549	4	0
4/2/2015	4:00:01	0	-87.2767	-1.4223	-2.89664	22.4634	4	0
4/2/2015	5:00:01	0	-58.9165	4.42209	1.45993	22.6676	4	0
4/2/2015	6:00:00	0	-35.5522	-1.0267	9.97666	22.4634	4	0
4/2/2015	7:00:00	0	-21.2427	7.49788	6.95056	23.2802	4	0
4/2/2015	8:00:01	0	-11.9831	4.81643	3.43786	23.076	4	0
4/2/2015	9:00:01	0	-4.55427	8.55129	8.72002	23.076	4	0
4/2/2015	10:00:00	0	-0.806471	7.67787	12.8818	23.076	4	0
4/2/2015	11:00:00	0	1.87144	8.06791	13.6122	23.6886	4	0
4/2/2015	12:00:01	0	3.77506	11.7434	8.32426	23.4844	4	0
4/2/2015	13:00:01	0	4.47952	8.51322	2.2504	23.076	4	0
4/2/2015	14:00:00	-57.12	5.67109	6.86348	4.40518	23.2802	4	0
4/2/2015	15:00:00	-50.4233	6.13098	7.45252	9.78039	23.4844	4	0
4/2/2015	16:00:01	-41.4724	6.82929	6.79092	7.11913	23.076	4	0
4/2/2015	17:00:01	-26.8679	6.99972	6.59116	9.79805	23.076	4	0
4/2/2015	18:00:01	-14.0438	7.7321	8.40304	8.18425	23.8928	4	0
4/2/2015	19:00:00	-6.9511	7.45429	4.64113	2.41231	24.7097	4	0
4/2/2015	20:00:00	-2.26302	7.4061	4.62476	3.5211	24.7097	4	0
4/2/2015	21:00:01	1.45926	7.35044	8.12369	6.81517	24.5055	4	0
4/2/2015	22:00:01	3.23024	7.17216	5.52285	5.58847	24.7097	4	0
4/2/2015	23:00:01	4.43639	6.96882	5.78851	-2.2064	24.9139	4	0
4/3/2015	0:00:01	5.09	6.43	5.28	1.51	25.32	4	0
4/3/2015	1:00:00	5.31088	6.20116	5.40634	2.8757	25.1181	4	0
4/3/2015	2:00:00	6.01947	6.48054	10.0632	11.524	25.5266	4	0
4/3/2015	3:00:01	6.06382	6.14347	3.15541	4.41506	25.3223	4	0
4/3/2015	4:00:00	6.52984	6.40261	9.6099	15.5814	25.3223	4	0
4/3/2015	5:00:00	7.23206	7.62169	20.9107	43.2732	25.3223	4	0
4/3/2015	6:00:01	8.74383	9.89964	35.8418	34.7244	25.5266	4	0

4/3/2015	7:00:01	9.80212	12.2452	32.6482	32.8298	25.3223	4	0
4/3/2015	8:00:00	10.9435	14.4896	30.1887	35.7887	24.9139	4	0
4/3/2015	9:00:00	11.7581	16.1794	29.4035	24.0414	25.7308	4	0
4/3/2015	10:00:00	12.1598	17.1583	17.4887	17.2851	25.7308	4	0
4/3/2015	11:00:00	12.5551	18.115	16.7575	18.9435	25.7308	4	0
4/3/2015	12:00:01	12.6932	18.8944	14.042	12.7497	25.5266	4	0
4/3/2015	13:00:01	12.9472	19.6578	15.2527	14.7299	26.1392	4	0
4/3/2015	14:00:00	13.3955	20.2746	17.7408	21.6519	25.3223	4	0
4/3/2015	15:00:00	13.9373	21.6909	19.4317	16.8784	25.7308	4	0
4/3/2015	16:00:01	14.4078	22.3897	18.6446	18.9497	25.935	4	0
4/3/2015	17:00:00	14.7251	21.8358	15.2291	8.80794	26.5476	4	0
4/3/2015	18:00:00	14.6916	19.5413	10.6577	10.9553	26.7518	4	0
4/3/2015	19:00:01	14.738	17.3904	7.86051	5.24088	26.7518	4	0
4/3/2015	20:00:01	14.8104	15.5036	7.23147	5.9712	26.5476	4	0
4/3/2015	21:00:00	14.6747	13.6118	7.09604	8.66381	27.3645	4	0
4/3/2015	22:00:00	14.6481	12.6433	5.81851	6.72847	27.1602	4	0
4/3/2015	23:00:01	14.5907	11.7532	6.26185	5.90759	27.7729	4	0
4/4/2015	0:00:01	14.57	11.03	4.92	5.75	28.18	4	0
4/4/2015	1:00:00	14.5113	10.2066	5.16815	4.63815	28.3855	4	0
4/4/2015	2:00:00	14.2642	9.14767	4.46806	4.22366	28.5897	4	0
4/4/2015	3:00:00	14.2948	7.97217	4.56962	3.86814	28.5897	4	0
4/4/2015	4:00:00	14.1876	7.03876	6.55809	8.34696	28.3855	4	0
4/4/2015	5:00:00	13.6973	6.53776	8.6686	8.90387	29.2024	4	0
4/4/2015	6:00:01	12.807	6.68556	11.9801	13.0604	28.1813	4	0
4/4/2015	7:00:00	12.2122	7.38643	15.9214	15.0562	28.5897	4	0
4/4/2015	8:00:00	11.6345	7.84413	11.8915	9.24519	27.9771	4	0
4/4/2015	9:00:01	10.9595	8.21248	11.1653	12.5007	27.7729	4	0
4/4/2015	10:00:01	10.6895	8.53726	9.2846	8.42145	28.1813	4	0
4/4/2015	11:00:00	10.5274	8.9647	10.8234	8.90389	27.7729	4	0
4/4/2015	12:00:00	10.3287	9.25537	8.03215	8.42148	27.3645	4	0
4/4/2015	13:00:01	10.1995	9.77737	11.0761	12.4183	27.1603	4	0
4/4/2015	14:00:01	9.91069	10.2602	9.80306	10.5544	26.7518	4	0
4/4/2015	15:00:01	9.86019	11.3851	17.9366	21.4651	26.956	4	0
4/4/2015	16:00:01	10.0536	12.7753	23.4792	18.9069	26.956	4	0
4/4/2015	17:00:01	10.09	13.3874	16.6906	17.2579	27.3645	4	0
4/4/2015	18:00:00	10.1045	13.307	12.609	10.974	27.9771	4	0

4/4/2015	19:00:00	10.3146	13.0666	15.0898	17.9383	28.3855	4	0
4/4/2015	20:00:01	10.6229	13.2996	15.2741	15.7876	28.5897	4	0
4/4/2015	21:00:01	10.9139	13.5441	14.2915	12.9174	28.3855	4	0
4/4/2015	22:00:01	11.093	13.6101	9.97285	6.13694	28.3855	4	0
4/4/2015	23:00:00	11.2662	13.5876	10.5135	9.60976	28.9982	4	0
4/5/2015	0:00:00	11.45	13.72	9.78	9.71	29.00	4	0
4/5/2015	1:00:01	11.5355	13.4412	8.08414	7.28843	28.1813	4	0
4/5/2015	2:00:01	11.5814	13.1352	6.37605	7.08176	29.6108	4	0
4/5/2015	3:00:00	11.6264	12.1795	6.21827	9.89812	29.6108	4	0
4/5/2015	4:00:00	11.5937	10.8103	6.59854	4.94542	30.0192	4	0
4/5/2015	5:00:01	11.4764	9.9892	6.49978	6.28291	30.0192	4	0
4/5/2015	6:00:01	11.3507	9.68925	8.39579	10.1501	30.0192	4	0
4/5/2015	7:00:00	11.1019	9.26702	9.58031	12.0741	29.815	4	0
4/5/2015	8:00:00	11.0851	8.86229	9.6358	4.35753	28.9982	4	0
4/5/2015	9:00:01	11.0386	8.37695	7.69687	5.10994	28.7939	4	0
4/5/2015	10:00:01	11.0129	8.16663	6.98507	8.51656	28.3855	4	0
4/5/2015	11:00:01	10.8904	7.86488	6.66243	7.4877	28.9982	4	0
4/5/2015	12:00:00	10.8884	7.6798	7.6606	9.25107	28.3855	4	0
4/5/2015	13:00:00	10.9868	8.04596	12.329	14.0337	28.1813	4	0
4/5/2015	14:00:01	11.249	8.85068	16.2003	17.706	28.9982	4	0
4/5/2015	15:00:01	11.1539	9.60877	15.2691	12.5458	28.9982	4	0
4/5/2015	16:00:01	10.6711	10.0754	12.546	11.3691	28.9982	4	0
4/5/2015	17:00:00	10.3215	10.2485	9.01655	12.7705	28.794	4	0
4/5/2015	18:00:00	10.0952	10.1793	8.28908	10.0078	29.6108	4	0
4/5/2015	19:00:01	9.73567	9.99008	8.37627	7.64041	30.0192	4	0
4/5/2015	20:00:01	9.54534	10.1345	12.0826	17.4582	30.2234	4	0
4/5/2015	21:00:00	9.43961	10.5277	13.0229	12.5792	31.0403	4	0
4/5/2015	22:00:00	9.47193	10.8712	11.3888	9.12728	30.6319	4	0
4/5/2015	23:00:01	9.34742	10.953	7.53481	6.5368	30.4276	4	0
4/6/2015	0:00:01	9.27	11.01	8.71	8.53	30.84	4	0
4/6/2015	1:00:00	9.25612	10.6585	7.61762	10.0316	31.0403	4	0
4/6/2015	2:00:01	9.26537	9.89831	6.50497	5.13523	31.2445	4	0
4/6/2015	3:00:00	9.26537	9.89831	6.50497	9.27445	30.8361	4	0
4/6/2015	4:00:00	9.53393	9.18715	7.85715	7.29606	30.2234	4	0
4/6/2015	5:00:00	9.59624	9.13029	8.24834	8.66182	30.6319	4	0
4/6/2015	6:00:01	9.53286	9.0538	7.46098	10.4683	31.0403	4	0

4/6/2015	7:00:01	9.56215	9.2077	9.93332	12.6135	30.4276	4	0
4/6/2015	8:00:00	9.67232	9.20179	11.6885	11.8164	31.2445	4	0
4/6/2015	9:00:00	9.82184	9.02231	10.7097	9.54874	31.0403	4	0
4/6/2015	10:00:01	10.1132	9.22427	13.9368	14.8246	31.0403	4	0
4/6/2015	11:00:01	10.4852	9.83528	14.4973	14.8786	30.6319	4	0
4/6/2015	12:00:00	10.8116	10.3359	14.4319	15.2047	30.8361	4	0
4/6/2015	13:00:00	10.8134	10.7444	12.9865	15.1047	30.8361	4	0
4/6/2015	14:00:01	10.7659	11.3881	13.6997	13.6552	30.4276	4	0
4/6/2015	15:00:01	10.6774	11.6286	12.6656	14.962	30.4276	4	0
4/6/2015	16:00:01	11.0033	12.682	20.9856	23.6389	30.8361	4	0
4/6/2015	17:00:00	11.0033	12.682	20.9856	22.2177	31.2445	4	0
4/6/2015	18:00:00	12.0104	14.8281	21.4214	35.7744	30.8361	4	0
4/6/2015	19:00:01	13.0039	16.6983	32.9454	34.0099	31.2445	4	0
4/6/2015	20:00:01	13.4188	17.6159	24.1308	22.0179	32.2656	4	0
4/6/2015	21:00:00	14.0737	19.1693	30.4748	31.5498	32.0614	4	0
4/6/2015	22:00:00	14.6826	20.2569	28.9516	27.6604	32.674	4	0
4/6/2015	23:00:00	15.0572	20.4942	18.3958	12.2634	32.8782	4	0
4/7/2015	0:00:01	15.20	20.35	12.31	12.86	33.29	4	0
4/7/2015	1:00:01	15.4877	20.4813	13.9447	9.08701	32.8782	4	0
4/7/2015	2:00:00	15.7011	20.3607	12.2979	10.3805	33.2866	4	0
4/7/2015	3:00:00	15.657	20.0841	9.48235	8.69068	33.0824	4	0
4/7/2015	4:00:01	15.7678	19.2324	9.29852	11.7315	33.4908	4	0
4/7/2015	5:00:01	15.9032	18.552	12.3854	19.0838	33.0824	4	0
4/7/2015	6:00:00	16.1908	18.0119	14.1317	13.6643	33.0824	4	0
4/7/2015	7:00:00	16.2873	16.3426	11.5919	10.2232	32.8782	4	0
4/7/2015	8:00:00	16.3893	15.5812	14.8666	14.455	34.1035	4	0
4/7/2015	9:00:01	16.5511	14.2169	12.9283	9.40304	32.674	4	0
4/7/2015	10:00:01	16.6375	13.04	14.0907	13.5262	33.6951	4	0
4/7/2015	11:00:00	16.7039	12.7912	15.3506	19.6702	33.2866	4	0
4/7/2015	12:00:00	16.9144	13.2826	17.8298	20.3818	33.0824	4	0
4/7/2015	13:00:01	17.1257	13.5995	17.8702	13.3207	33.2866	4	0
4/7/2015	14:00:01	17.3758	14.1619	19.0322	21.0931	33.8993	4	0
4/7/2015	15:00:00	17.8815	15.4129	24.6555	27.2977	33.2866	4	0
4/7/2015	16:00:00	17.8815	15.4129	24.6555	21.3786	33.695	4	0
4/7/2015	17:00:01	18.0094	17.2728	23.1921	25.0664	33.8993	4	0
4/7/2015	18:00:01	18.32	18.4597	28.6258	28.3088	33.8993	4	0

4/7/2015	19:00:01	17.9677	19.5018	24.6509	26.277	34.1035	4	0
4/7/2015	20:00:00	18.0039	20.2648	23.5817	24.7882	34.3077	4	0
4/7/2015	21:00:00	17.8353	21.3724	26.4948	30.8849	34.5119	4	0
4/7/2015	22:00:01	17.7077	22.3128	24.5132	18.9263	33.4908	4	0
4/7/2015	23:00:01	17.6954	22.5478	18.1319	23.9852	34.1035	4	0
4/8/2015	0:00:00	17.95	22.61	18.50	17.96	33.90	4	0
4/8/2015	1:00:00	18.0243	22.4355	15.898	14.3286	34.1035	4	0
4/8/2015	2:00:00	17.9641	21.7821	11.5444	13.0015	34.1035	4	0
4/8/2015	3:00:01	17.9928	20.5765	10.0364	2.11748	33.8993	4	0
4/8/2015	4:00:01	17.892	19.2269	3.14439	-5.75498	34.3077	4	0
4/8/2015	5:00:00	17.8882	18.4672	16.1504	16.9027	34.7161	4	0
4/8/2015	6:00:00	17.9765	17.4757	17.1569	16.1132	34.5119	4	0
4/8/2015	7:00:01	18.0025	16.3842	11.1206	6.76265	34.3077	4	0
4/8/2015	8:00:01	17.9717	15.5675	13.5566	16.6306	34.3077	4	0
4/8/2015	9:00:00	17.9717	15.5675	13.5566	18.7245	34.9203	4	0
4/8/2015	10:00:00	18.369	14.2976	18.925	20.6109	34.3077	4	0
4/8/2015	11:00:01	18.3392	14.0017	14.62	16.1003	34.7161	4	0
4/8/2015	12:00:01	18.3118	13.7888	15.4305	18.1118	34.9203	4	0
4/8/2015	13:00:00	18.5065	14.2782	21.5213	20.9897	34.9203	4	0
4/8/2015	14:00:00	18.5877	14.999	19.8488	19.8289	34.9203	4	0
4/8/2015	15:00:00	18.6267	16.2412	24.4882	30.5108	34.5119	4	0
4/8/2015	16:00:01	19.0292	18.576	30.8709	35.1649	34.9203	4	0
4/8/2015	17:00:01	19.3766	19.9249	33.2011	31.5433	35.1245	4	0
4/8/2015	18:00:00	19.0828	20.5079	26.903	17.6576	35.533	4	0
4/8/2015	19:00:00	18.682	20.9715	18.4641	17.5879	35.7372	4	0
4/8/2015	20:00:01	18.239	20.9647	14.0169	12.2323	35.3287	4	0
4/8/2015	21:00:01	17.5764	20.4652	10.5728	12.6141	35.7372	4	0
4/8/2015	22:00:00	16.9312	19.657	9.25245	14.1823	36.1456	4	0
4/8/2015	23:00:00	16.8796	19.8144	15.7556	20.4102	35.3288	4	0
4/9/2015	0:00:01	16.73	19.78	14.83	14.71	35.53	4	0
4/9/2015	1:00:01	16.7156	19.3234	16.0937	17.4549	35.7372	4	0
4/9/2015	2:00:00	16.9356	19.0517	15.5467	18.1845	35.9414	4	0
4/9/2015	3:00:00	17.3751	18.7344	19.8782	16.2173	35.1245	4	0
4/9/2015	4:00:00	17.9093	17.5077	15.325	14.3148	35.533	4	0
4/9/2015	5:00:01	17.9875	16.2424	17.1949	20.0722	35.3287	4	0
4/9/2015	6:00:01	18.023	15.4924	17.7608	18.7517	35.9414	4	0

4/9/2015	7:00:00	18.2806	15.2895	15.4649	13.4613	35.3287	4	0
4/9/2015	8:00:00	18.4709	15.4955	15.7254	16.0829	35.7372	4	0
4/9/2015	9:00:01	18.5846	16.0748	16.4089	15.1328	34.9203	4	0
4/9/2015	10:00:01	18.4352	16.5013	13.7374	7.41216	35.3287	4	0
4/9/2015	11:00:02	18.2919	16.0478	10.2731	9.78983	34.3077	4	0
4/9/2015	12:00:00	18.1628	15.6135	8.33545	13.338	34.5119	4	0
4/9/2015	13:00:00	17.8413	15.3929	13.9482	17.1403	34.1035	4	0
4/9/2015	14:00:00	17.4175	15.0328	12.9667	10.2255	34.7161	4	0
4/9/2015	15:00:01	17.1972	14.801	16.6076	10.417	34.1035	4	0
4/9/2015	16:00:01	16.3093	14.3387	10.3545	12.4596	33.8993	4	0
4/9/2015	17:00:00	16.3093	14.3387	10.3545	25.8629	33.8993	4	0
4/9/2015	18:00:00	14.6219	13.1501	9.23424	16.1035	34.3077	4	0
4/9/2015	19:00:00	14.39	12.9433	13.2912	14.2937	34.1035	4	0
4/9/2015	20:00:01	14.3964	13.0206	18.6526	18.156	34.9203	4	0
4/9/2015	21:00:01	14.3633	12.6904	14.2729	14.3619	35.3287	4	0
4/9/2015	22:00:00	14.1584	12.0794	7.47621	6.10194	35.7372	4	0
4/9/2015	23:00:00	13.5797	11.525	4.34834	0.252758	35.533	4	0
4/10/2015	0:00:01	13.02	11.03	2.72	1.60	35.53	4	0
4/10/2015	1:00:01	12.4761	10.2595	4.66876	6.16431	36.554	4	0
4/10/2015	2:00:00	11.8997	9.42321	2.88698	3.58082	36.7582	4	0
4/10/2015	3:00:00	11.1837	8.34881	3.02567	1.92078	36.7582	4	0
4/10/2015	4:00:01	10.6608	7.75301	2.78096	4.7033	36.7582	4	0
4/10/2015	5:00:01	10.187	7.19454	5.63985	5.18805	36.7582	4	0
4/10/2015	6:00:00	9.76475	7.07174	7.35732	6.73209	37.1667	4	0
4/10/2015	7:00:00	9.76475	7.07174	7.35732	10.9317	36.1456	4	0
4/10/2015	8:00:01	9.17674	5.82072	6.00318	5.34415	36.3498	4	0
4/10/2015	9:00:01	8.94856	5.46438	9.44843	9.71362	36.554	4	0
4/10/2015	10:00:01	8.74408	5.49381	7.59561	7.11314	36.1456	4	0
4/10/2015	11:00:00	8.79372	6.01567	10.4367	14.9613	35.533	4	0
4/10/2015	12:00:00	8.88966	6.59542	9.38629	11.7687	35.7372	4	0
4/10/2015	13:00:01	8.69977	6.8989	8.03659	3.4881	35.1245	4	0
4/10/2015	14:00:01	8.87595	8.07432	16.9683	23.7622	34.7161	4	0
4/10/2015	15:00:00	9.92755	11.3764	43.7139	79.6543	36.3498	4	0
4/10/2015	16:00:00	10.9879	14.1548	37.2141	16.064	36.1456	4	0
4/10/2015	17:00:01	11.0224	14.7878	13.2857	14.2508	36.7582	4	0
4/10/2015	18:00:01	11.1579	15.213	13.5735	13.8719	36.1456	4	0

4/10/2015	19:00:00	11.0293	15.2705	10.5615	6.12564	36.1456	4	0
4/10/2015	20:00:00	10.5161	15.253	7.03382	7.44342	37.3709	4	0
4/10/2015	21:00:00	10.1525	14.9125	6.26135	5.82576	37.5751	4	0
4/10/2015	22:00:01	10.1268	14.855	7.13907	5.62627	38.1877	4	0
4/10/2015	23:00:01	10.1753	14.4674	5.45023	4.96365	37.5751	4	0
4/11/2015	0:00:00	10.27	14.16	6.15	5.22	38.60	4	0
4/11/2015	1:00:00	10.3489	14.0515	6.5144	10.0088	37.9835	4	0
4/11/2015	2:00:01	10.589	13.4213	8.16365	9.68939	38.3919	4	0
4/11/2015	3:00:01	10.7991	10.645	8.93973	10.449	38.3919	4	0
4/11/2015	4:00:01	11.043	8.38136	8.69684	6.10986	38.1877	4	0
4/11/2015	5:00:00	11.2167	8.13507	9.98647	6.7153	38.3919	4	0
4/11/2015	6:00:00	11.4008	7.99134	11.4258	12.2139	38.1877	4	0
4/11/2015	7:00:01	11.7483	8.35748	13.825	7.16466	36.9624	4	0
4/11/2015	8:00:01	12.0227	8.73692	11.1849	7.33169	37.5751	4	0
4/11/2015	9:00:00	12.0459	8.93136	8.064	7.22393	36.7582	4	0
4/11/2015	10:00:00	12.1243	9.05195	8.35284	5.69984	36.7582	4	0
4/11/2015	11:00:00	11.9991	9.12299	5.90845	5.17511	36.554	4	0
4/11/2015	12:00:01	11.9	9.10198	5.59091	4.65714	36.3498	4	0
4/11/2015	13:00:01	11.8035	8.9818	5.05489	1.4333	36.1456	4	0
4/11/2015	14:00:00	11.3814	8.78059	5.69691	4.69172	36.3498	4	0
4/11/2015	15:00:00	11.3814	8.78059	5.69691	3.37554	35.7372	4	0
4/11/2015	16:00:01	8.55187	8.38632	7.83328	9.01123	35.9414	4	0
4/11/2015	17:00:01	8.40721	8.36372	10.2878	15.0627	36.1456	4	0
4/11/2015	18:00:01	8.22823	8.20253	10.3949	12.8153	36.7582	4	0
4/11/2015	19:00:00	8.25161	7.99371	11.9951	18.5327	37.1667	4	0
4/11/2015	20:00:00	8.74513	8.65413	19.5094	23.1504	37.1667	4	0
4/11/2015	21:00:01	9.24993	9.54809	19.151	19.9757	37.3709	4	0
4/11/2015	22:00:01	9.80207	10.5792	20.9344	22.2066	37.3709	4	0
4/11/2015	23:00:00	9.80207	10.5792	20.9344	12.6044	37.7793	4	0
4/12/2015	0:00:00	10.68	12.40	12.64	14.57	37.78	4	0
4/12/2015	1:00:01	10.8373	12.8458	10.4121	9.49247	37.3709	4	0
4/12/2015	2:00:01	10.9394	13.2795	10.9796	11.5118	37.3709	4	0
4/12/2015	3:00:01	10.9898	13.7185	11.6388	21.7782	38.8003	4	0
4/12/2015	4:00:00	11.3377	14.5154	17.2865	22.3931	38.8003	4	0
4/12/2015	5:00:01	11.5808	15.0191	16.2273	12.6706	38.5961	4	0
4/12/2015	6:00:01	11.8729	15.715	18.3015	16.3659	38.8003	4	0

4/12/2015	7:00:01	12.1392	16.3566	17.5431	11.2866	38.3919	4	0
4/12/2015	8:00:00	12.4392	16.1879	14.9097	12.6427	37.9835	4	0
4/12/2015	9:00:00	12.7257	15.8103	14.4311	16.4335	37.5751	4	0
4/12/2015	10:00:01	13.0444	15.3051	13.8796	11.311	37.3709	4	0
4/12/2015	11:00:01	13.3483	14.536	11.5201	12.7654	36.7582	4	0
4/12/2015	12:00:00	13.7623	14.701	14.3781	14.2013	37.1667	4	0
4/12/2015	13:00:00	14.1579	15.0808	16.0811	17.0073	37.5751	4	0
4/12/2015	14:00:01	14.4998	15.2834	13.5389	14.4915	37.1667	4	0
4/12/2015	15:00:01	14.9776	15.7234	17.6403	14.6885	37.7793	4	0
4/12/2015	16:00:00	15.2473	15.4247	14.4646	12.1296	37.5751	4	0
4/12/2015	17:00:00	15.3722	15.18	14.4962	12.9827	37.9835	4	0
4/12/2015	18:00:00	15.5927	14.8836	15.1378	17.6442	37.7793	4	0
4/12/2015	19:00:01	15.7355	14.7745	17.5757	16.4099	38.1877	4	0
4/12/2015	20:00:00	15.5848	14.8478	15.6864	20.3713	38.3919	4	0
4/12/2015	21:00:00	15.5493	15.1492	17.6989	14.3868	38.1877	4	0
4/12/2015	22:00:00	15.2487	15.1582	13.7944	16.383	38.3919	4	0
4/12/2015	23:00:01	14.9347	15.3576	13.5499	14.3405	38.1877	4	0
4/13/2015	0:00:01	14.99	15.35	14.10	14.37	38.19	4	0
4/13/2015	1:00:00	15.1537	15.2814	15.8275	16.5744	38.3919	4	0
4/13/2015	2:00:00	15.331	15.4101	14.5498	14.2008	38.1877	4	0
4/13/2015	3:00:01	15.4758	15.2403	15.6593	16.7116	38.1877	4	0
4/13/2015	4:00:01	15.6057	15.8583	22.5941	23.9829	38.5961	4	0
4/13/2015	5:00:01	15.7653	16.45	22.499	17.8795	38.3919	4	0
4/13/2015	6:00:00	15.652	16.5546	16.4216	16.9334	38.5961	4	0
4/13/2015	7:00:00	15.6414	16.5022	16.1342	16.104	38.1877	4	0
4/13/2015	8:00:01	15.5924	16.385	14.7129	21.1551	38.3919	4	0
4/13/2015	9:00:01	15.5612	16.0341	13.036	13.8421	38.3919	4	0
4/13/2015	10:00:00	15.4702	15.8197	10.6428	13.7474	38.3919	4	0
4/13/2015	11:00:00	15.4434	15.548	9.66781	5.06989	38.3919	4	0
4/13/2015	12:00:01	15.1216	14.9047	6.15934	9.10594	37.9835	4	0
4/13/2015	13:00:01	14.8023	14.2333	7.29613	15.9184	37.5751	4	0
4/13/2015	14:00:01	14.5919	13.7954	10.029	7.67689	38.1877	4	0
4/13/2015	15:00:00	14.3015	13.3276	9.54415	8.63468	37.5751	4	0
4/13/2015	16:00:00	14.0041	12.0846	8.16523	7.24845	38.1877	4	0
4/13/2015	17:00:01	13.7506	10.9007	8.55426	11.978	37.9835	4	0
4/13/2015	18:00:01	13.4675	10.3673	11.0886	15.5408	39.0046	4	0

4/13/2015	19:00:00	13.0182	9.72476	9.13158	10.1071	39.2088	4	0
4/13/2015	20:00:00	12.8136	9.47959	12.0995	16.1906	39.2088	4	0
4/13/2015	21:00:00	12.5291	9.30904	10.9139	9.49622	38.8004	4	0
4/13/2015	22:00:01	12.3445	9.23852	9.85212	11.609	39.2088	4	0
4/13/2015	23:00:01	12.1283	9.1333	8.27503	8.54365	39.2088	4	0
4/14/2015	0:00:00	11.77	9.07	5.32	6.38	39.00	4	0
4/14/2015	1:00:00	11.4114	9.0806	7.56088	3.90055	39.8214	4	0
4/14/2015	2:00:01	11.1007	8.89134	7.94481	7.23657	40.8425	4	0
4/14/2015	3:00:01	10.8301	8.82236	8.2955	4.90808	40.2299	4	0
4/14/2015	4:00:00	10.2024	8.79424	8.12507	9.31364	40.4341	4	0
4/14/2015	5:00:00	9.8768	9.24044	13.4339	10.3272	40.4341	4	0
4/14/2015	6:00:01	9.6616	9.26546	11.3346	12.1377	40.4341	4	0
4/14/2015	7:00:01	9.58572	9.64384	13.2654	15.6358	40.4341	4	0
4/14/2015	8:00:01	9.5817	9.69741	11.0324	14.8212	39.0046	4	0
4/14/2015	9:00:00	9.49929	9.60621	8.8422	15.7191	38.8004	4	0
4/14/2015	10:00:00	9.7553	10.118	15.5561	13.8018	38.8004	4	0
4/14/2015	11:00:01	10.0866	10.8533	16.8927	22.7731	38.3919	4	0
4/14/2015	12:00:01	10.7595	12.2267	21.3559	18.2472	38.5961	4	0
4/14/2015	13:00:00	10.7595	12.2267	21.3559	23.1888	38.3919	4	0
4/14/2015	14:00:00	11.6357	14.075	17.7998	20.7445	37.9835	4	0
4/14/2015	15:00:00	12.1583	15.1844	21.504	21.8903	37.5751	4	0
4/14/2015	16:00:01	12.8058	16.4391	23.0414	20.7611	37.3709	4	0
4/14/2015	17:00:01	13.2606	16.9457	21.3595	22.5625	38.1877	4	0
4/14/2015	18:00:00	13.8305	18.073	26.282	33.3285	38.8004	4	0
4/14/2015	19:00:00	14.5315	19.1566	28.1908	29.5255	39.413	4	0
4/14/2015	20:00:01	15.5704	21.3697	38.9993	46.7918	39.413	4	0
4/14/2015	21:00:01	16.6165	23.6922	38.3064	36.8836	39.6172	4	0
4/14/2015	22:00:00	17.3759	24.7424	27.4187	25.281	39.413	4	0
4/14/2015	23:00:00	17.9322	25.2195	24.1315	24.103	39.8214	4	0
4/15/2015	0:00:01	18.70	25.51	25.51	22.74	40.23	4	0
4/15/2015	1:00:01	19.4735	26.1173	27.5286	31.3448	40.8425	4	0
4/15/2015	2:00:00	20.2862	27.0083	28.6197	27.0927	40.4341	4	0
4/15/2015	3:00:00	21.1427	27.7401	30.3872	32.0044	41.2509	4	0
4/15/2015	4:00:00	21.8193	27.9644	25.0349	24.0517	41.4551	4	0
4/15/2015	5:00:01	22.1329	28.0174	21.2841	22.1673	41.2509	4	0
4/15/2015	6:00:01	22.8206	28.1745	25.9413	34.3665	40.434	4	0

4/15/2015	7:00:00	23.6724	28.5513	29.1396	35.3172	40.6383	4	0
4/15/2015	8:00:00	25.155	29.1039	43.1712	56.2154	40.434	4	0
4/15/2015	9:00:01	26.4077	28.9457	33.5734	46.3653	40.0256	4	0
4/15/2015	10:00:01	26.9876	28.9041	24.5799	25.8472	39.6172	4	0
4/15/2015	11:00:00	27.5067	29.1297	25.2206	23.8487	39.413	4	0
4/15/2015	12:00:00	27.6761	28.9353	22.5178	25.1995	39.0046	4	0
4/15/2015	13:00:00	28.3941	29.5536	34.8638	65.0012	38.8003	4	0
4/15/2015	14:00:01	28.9637	29.6699	31.1594	46.2126	38.3919	4	0
4/15/2015	15:00:00	29.788	30.3822	39.6961	28.7001	38.5961	4	0
4/15/2015	16:00:01	30.9588	32.4055	50.1654	46.103	39.0046	4	0
4/15/2015	17:00:00	31.7876	34.1983	46.5757	46.4431	39.6172	4	0
4/15/2015	18:00:00	32.3777	35.5316	45.8056	37.456	40.0256	4	0
4/15/2015	19:00:00	32.3077	35.4079	30.4962	29.8562	40.434	4	0
4/15/2015	20:00:01	31.7721	34.0583	29.0711	27.7352	40.8425	4	0
4/15/2015	21:00:01	31.2997	33.5563	27.9657	28.5983	40.6383	4	0
4/15/2015	22:00:00	31.1571	33.6121	26.1475	29.9534	40.8425	4	0
4/15/2015	23:00:00	31.1019	33.447	22.6777	14.6069	40.8425	4	0
4/16/2015	0:00:01	30.51	32.56	11.24	13.56	40.84	4	0
4/16/2015	1:00:01	29.7996	30.6624	11.6466	10.8714	40.8425	4	0
4/16/2015	2:00:00	28.9541	28.93	10.364	11.0771	41.0467	4	0
4/16/2015	3:00:00	28.3727	27.1887	18.2184	13.8972	41.2509	4	0
4/16/2015	4:00:01	27.6328	23.9233	10.6204	10.2702	41.2509	4	0
4/16/2015	5:00:01	27.1371	21.1055	12.491	12.973	41.0467	4	0
4/16/2015	6:00:01	27.1066	19.5316	25.9569	20.3705	42.0678	4	0
4/16/2015	7:00:00	26.6617	18.5841	18.5467	26.4576	41.6593	4	0
4/16/2015	8:00:00	25.6733	17.7469	18.2493	19.3103	41.8635	4	0
4/16/2015	9:00:01	25.2007	17.1806	20.3608	24.966	41.6593	4	0
4/16/2015	10:00:01	25.1664	16.7423	19.6024	13.8938	41.4551	4	0
4/16/2015	11:00:00	24.9285	16.0938	13.1592	15.2149	40.2299	4	0
4/16/2015	12:00:00	24.7399	16.4502	14.6713	14.825	40.0256	4	0
4/16/2015	13:00:00	23.9387	16.6356	13.3822	12.0965	40.0256	4	0
4/16/2015	14:00:01	23.4795	17.1898	15.7832	21.061	39.6172	4	0
4/16/2015	15:00:01	22.4554	16.8918	15.1301	17.6644	39.6172	4	0
4/16/2015	16:00:00	21.1803	17.5637	18.5806	17.9678	39.413	4	0
4/16/2015	17:00:00	20.0128	18.0806	19.1758	22.6825	39.6172	4	0
4/16/2015	18:00:01	18.926	17.5833	21.4516	19.0401	39.8214	4	0

4/16/2015	19:00:01	18.3789	17.7091	22.9846	27.6921	40.6383	4	0
4/16/2015	20:00:01	18.2925	18.4759	28.36	25.1366	40.8425	4	0
4/16/2015	21:00:00	18.0572	18.7732	25.9684	26.5391	41.6593	4	0
4/16/2015	22:00:00	18.3169	19.9018	33.998	33.3608	41.8635	4	0
4/16/2015	23:00:01	18.5832	21.2819	30.3014	31.9697	42.0678	4	0
4/17/2015	0:00:01	19.62	23.14	37.55	46.34	42.27	4	0
4/17/2015	1:00:00	20.1173	24.0142	23.6726	21.225	42.0678	4	0
4/17/2015	2:00:00	20.7699	24.8975	25.7594	33.0285	42.0678	4	0
4/17/2015	3:00:00	20.8953	25.4975	22.988	19.5935	42.0678	4	0
4/17/2015	4:00:01	21.1745	25.4685	17.9006	21.7715	42.272	4	0
4/17/2015	5:00:00	21.7911	26.2252	27.8484	29.3097	42.6804	4	0
4/17/2015	6:00:00	21.6942	26.4567	23.118	22.7129	42.4762	4	0
4/17/2015	7:00:00	22.344	27.2047	27.0957	26.9006	42.272	4	0
4/17/2015	8:00:01	23.0702	27.6321	29.2914	31.9798	41.4551	4	0
4/17/2015	9:00:01	23.962	28.7421	35.8614	33.4542	40.8425	4	0
4/17/2015	10:00:00	24.7972	28.9892	34.956	44.7579	40.0256	4	0
4/17/2015	11:00:00	25.8521	29.4551	35.1134	39.3014	40.0256	4	0
4/17/2015	12:00:01	26.4548	28.5829	28.5646	24.5881	40.2298	4	0
4/17/2015	13:00:01	27.1027	29.0612	32.1644	32.0667	40.0256	4	0
4/17/2015	14:00:01	27.7929	29.4354	30.3661	32.0614	40.4341	4	0
4/17/2015	15:00:00	28.4733	30.1006	32.7818	35.6759	40.434	4	0
4/17/2015	16:00:00	29.129	31.3875	34.0001	37.4612	40.6383	4	0
4/17/2015	17:00:01	29.6706	31.6397	32.5453	30.758	40.6383	4	0
4/17/2015	18:00:01	29.8892	31.9307	28.829	27.5221	40.8425	4	0
4/17/2015	19:00:00	29.9852	32.0391	33.2495	39.1219	41.0467	4	0
4/17/2015	20:00:00	30.3844	33.0104	44.5295	46.1298	42.0678	4	0
4/17/2015	21:00:00	31.5066	34.6584	57.5667	47.0898	42.6804	4	0
4/17/2015	22:00:01	32.1705	36.0314	50.8702	56.4751	43.0888	4	0
4/17/2015	23:00:01	32.7549	36.9877	46.3686	50.0548	42.8846	4	0
4/18/2015	0:00:00	33.31	38.97	51.19	52.28	43.29	4	0
4/18/2015	1:00:00	34.1197	40.0654	45.5923	44.5791	43.9057	4	0
4/18/2015	2:00:01	34.7846	41.1632	43.0485	42.3324	43.9057	4	0
4/18/2015	3:00:01	35.4345	41.7914	39.5182	41.8684	44.1099	4	0
4/18/2015	4:00:01	36.1505	42.1308	38.8377	40.7174	44.5183	4	0
4/18/2015	5:00:00	36.3881	42.4636	36.9897	39.6439	44.3141	4	0
4/18/2015	6:00:00	37.1544	43.5538	39.4554	47.6437	44.3141	4	0

4/18/2015	7:00:01	38.5218	45.5947	52.7312	39.5115	44.3141	4	0
4/18/2015	8:00:01	39.6331	46.0745	41.9757	38.7077	42.8846	4	0
4/18/2015	9:00:00	39.6331	46.0745	41.9757	45.4343	43.4972	4	0
4/18/2015	10:00:00	40.8767	44.9702	52.7609	89.987	42.6804	4	0
4/18/2015	11:00:01	41.8346	45.9226	60.1377	56.5636	43.293	4	0
4/18/2015	12:00:01	42.6142	45.4727	46.785	34.9771	43.0888	4	0
4/18/2015	13:00:00	42.6142	45.4727	46.785	42.3568	43.293	4	0
4/18/2015	14:00:00	44.568	46.5387	57.0513	53.9789	42.8846	4	0
4/18/2015	15:00:01	45.2129	47.1691	48.7328	44.7988	43.0888	4	0
4/18/2015	16:00:01	45.9141	48.2766	56.5574	54.1352	43.293	4	0
4/18/2015	17:00:01	46.4898	49.2326	53.6482	80.3304	43.4972	4	0
4/18/2015	18:00:00	46.6512	48.9566	42.211	37.0821	44.5183	4	0
4/18/2015	19:00:00	46.0537	46.3638	25.5616	26.204	45.3352	4	0
4/18/2015	20:00:01	44.6447	44.0453	16.6952	14.9134	45.3352	4	0
4/18/2015	21:00:01	42.702	41.9177	16.1648	14.5311	45.9478	4	0
4/18/2015	22:00:00	41.1187	38.8046	14.941	18.629	45.7436	4	0
4/18/2015	23:00:00	39.8055	35.2422	16.2982	16.6374	46.152	4	0
4/19/2015	0:00:00	38.66	33.20	19.05	20.83	45.54	4	0
4/19/2015	1:00:01	37.7873	31.6553	19.8258	18.6237	44.7225	4	0
4/19/2015	2:00:01	36.7094	28.4417	16.0991	15.1874	45.3352	4	0
4/19/2015	3:00:00	35.6515	25.7081	14.3872	13.3737	45.5394	4	0
4/19/2015	4:00:00	34.6662	22.3636	14.5862	16.2025	46.152	4	0
4/19/2015	5:00:01	33.6336	19.2969	16.8345	19.8397	45.9478	4	0
4/19/2015	6:00:01	32.7857	17.2959	17.0208	14.692	45.3352	4	0
4/19/2015	7:00:00	31.4872	16.5303	14.7048	12.9221	46.3562	4	0
4/19/2015	8:00:00	30.604	16.6176	17.1125	18.4163	45.3352	4	0
4/19/2015	9:00:01	29.8437	16.7643	17.2182	17.1143	44.7225	4	0
4/19/2015	10:00:01	28.7727	17.3474	20.7825	22.9268	44.1099	4	0
4/19/2015	11:00:01	27.1291	17.6684	20.6238	16.9911	44.3141	4	0
4/19/2015	12:00:00	26.1676	18.0283	23.9949	26.684	44.5183	4	0
4/19/2015	13:00:00	25.3405	18.273	24.0375	29.4109	44.9267	4	0
4/19/2015	14:00:01	23.9431	19.0459	27.2363	16.5857	46.3562	4	0
4/19/2015	15:00:01	22.5536	18.897	11.6849	10.5307	45.7436	4	0
4/19/2015	16:00:00	20.97	19.2124	19.0059	18.783	46.3562	4	0
4/19/2015	17:00:00	19.0871	18.5618	10.3346	13.2224	46.7646	4	0
4/19/2015	18:00:01	17.7312	17.9898	11.0459	14.4593	46.3562	4	0

No Data Power Outage From 4/19/15 @ 18:30 - 4/22/15 @ 10:55 Based on Data from PM4 Interval Data

4/22/2015	11:00:00	0	0	0	0	43.9057	1	33554496
4/22/2015	12:00:00	0	0	0	0	47.1731	3	0
4/22/2015	13:00:00	0	0	0	9.40494	46.9688	4	0
4/22/2015	14:00:01	0	0	9.33959	10.5435	47.3773	4	0
4/22/2015	15:00:00	0	0	9.26392	6.97205	47.1731	4	0
4/22/2015	16:00:00	0	0	9.99219	9.58205	47.3773	4	0
4/22/2015	17:00:01	0	0	9.32015	10.2328	46.9689	4	0
4/22/2015	18:00:01	0	0	9.03186	10.7644	47.3773	4	0
4/22/2015	19:00:00	0	0	11.5801	6.86622	47.3773	4	0
4/22/2015	20:00:00	0	0	9.74163	8.63416	47.9899	4	0
4/22/2015	21:00:01	0	0	10.9739	17.2031	48.8068	4	0
4/22/2015	22:00:00	0	0	11.7667	13.0241	48.3984	4	0
4/22/2015	23:00:00	0	0	13.7183	13.2157	49.2152	4	0
4/23/2015	0:00:01	0.00	0.00	13.76	13.19	49.01	4	0
4/23/2015	1:00:01	0	0	10.7474	11.8017	49.6236	4	0
4/23/2015	2:00:00	0	10.8463	12.1259	13.2441	49.8278	4	0
4/23/2015	3:00:01	0	11.0692	11.7335	10.55	49.8278	4	0
4/23/2015	4:00:01	0	11.1771	11.3148	12.5266	50.032	4	0
4/23/2015	5:00:00	0	11.4245	12.3589	16.1101	50.8489	4	0
4/23/2015	6:00:00	0	12.0397	15.423	19.4968	49.6236	4	0
4/23/2015	7:00:01	0	12.4523	15.0062	17.028	48.3983	4	0
4/23/2015	8:00:01	0	12.8076	12.471	16.9789	48.3984	4	0
4/23/2015	9:00:00	0	12.8345	11.0774	6.71226	48.1941	4	0
4/23/2015	10:00:01	0	12.7774	10.522	11.19	47.7857	4	0
4/23/2015	11:00:01	0	12.2853	7.74815	2.91004	47.3773	4	0
4/23/2015	12:00:00	0	12.3376	14.3212	12.4396	46.9689	4	0
4/23/2015	13:00:00	0	12.117	8.21911	8.8271	47.7857	4	0
4/23/2015	14:00:01	11.5611	11.9038	9.72465	6.61116	46.7646	4	0
4/23/2015	15:00:00	11.5611	11.9038	9.72465	10.0339	46.9689	4	0
4/23/2015	16:00:00	12.1078	12.5567	14.5089	11.5801	46.152	4	0
4/23/2015	17:00:01	12.272	12.6266	14.2203	18.1535	46.9689	4	0
4/23/2015	18:00:01	12.5241	12.59	16.03	20.3648	47.1731	4	0
4/23/2015	19:00:00	13.0391	13.4092	26.2647	54.9899	47.9899	4	0
4/23/2015	20:00:00	13.5891	14.333	24.265	23.9324	47.7857	4	0
4/23/2015	21:00:01	13.9499	15.1806	22.8588	15.029	48.3983	4	0

4/23/2015	22:00:00	14.5173	16.4414	25.6762	51.2541	48.6026	4	0
4/23/2015	23:00:00	14.9286	17.8361	25.3678	48.514	49.4194	4	0
4/24/2015	0:00:01	15.61	19.24	31.70	30.62	50.03	4	0
4/24/2015	1:00:01	15.9494	20.1804	20.1738	19.866	50.032	4	0
4/24/2015	2:00:00	16.4815	21.4994	25.9407	19.8386	50.6447	4	0
4/24/2015	3:00:01	16.8418	21.9065	21.5809	23.2545	50.4405	4	0
4/24/2015	4:00:01	17.3458	22.6809	22.5981	19.2413	50.2363	4	0
4/24/2015	5:00:00	17.8528	23.6067	25.1134	24.969	50.6447	4	0
4/24/2015	6:00:00	18.4831	24.7942	27.7941	36.0538	50.2363	4	0
4/24/2015	7:00:01	19.612	25.9972	35.8577	29.9068	48.3984	4	0
4/24/2015	8:00:01	20.1276	25.8664	18.011	8.42098	48.1941	4	0
4/24/2015	9:00:00	21.159	26.7672	30.8463	31.2207	47.3773	4	0
4/24/2015	10:00:01	21.7402	26.5129	21.4172	20.9275	47.5815	4	0
4/24/2015	11:00:01	22.5177	26.4178	23.5343	23.3461	46.9689	4	0
4/24/2015	12:00:00	23.0344	25.8364	25.7598	26.91	46.7646	4	0
4/24/2015	13:00:00	23.8066	26.2164	24.7206	29.8661	47.1731	4	0
4/24/2015	14:00:01	24.5517	26.2757	29.0135	24.558	46.7646	4	0
4/24/2015	15:00:00	25.1369	26.9146	30.4617	34.895	46.7646	4	0
4/24/2015	16:00:00	25.7414	27.3612	29.6704	36.7163	46.7646	4	0
4/24/2015	17:00:01	26.32	27.5264	29.2273	30.4548	46.9689	4	0
4/24/2015	18:00:01	26.8731	27.6558	32.3127	34.9095	47.1731	4	0
4/24/2015	19:00:00	27.0684	27.294	34.1547	43.1836	47.9899	4	0
4/24/2015	20:00:00	26.9862	28.1525	34.3238	17.4297	48.6026	4	0
4/24/2015	21:00:01	26.7038	27.0946	19.0783	22.2647	49.2152	4	0
4/24/2015	22:00:00	26.3224	26.4981	10.7989	31.2002	48.3983	4	0
4/24/2015	23:00:00	25.7333	25.7612	16.4772	9.58855	48.6026	4	0
4/25/2015	0:00:01	24.91	24.74	12.81	6.26	49.22	4	0
4/25/2015	1:00:01	24.4568	23.5603	9.68873	9.14069	49.4194	4	0
4/25/2015	2:00:00	23.8362	22.1344	10.312	12.3461	48.8068	4	0
4/25/2015	3:00:01	23.429	20.7082	12.3606	11.5623	48.3983	4	0
4/25/2015	4:00:01	22.9946	19.3756	12.7835	13.9558	49.011	4	0
4/25/2015	5:00:00	22.4921	18.1751	14.107	13.3325	49.011	4	0
4/25/2015	6:00:00	21.6927	16.3083	9.06903	6.97862	49.2152	4	0
4/25/2015	7:00:01	20.5483	14.2748	9.26255	7.61408	49.4194	4	0
No Data Power Outage From 4/25/15 @ 07:10 - 4/27/15 @ 11:45 Based on Data from PM4 Interval Data								
4/27/2015	12:00:00	0	0	0	0	49.011	1	64

4/27/2015	13:00:02	0	0	0	0	47.1731	3	0
4/27/2015	14:00:00	0	0	0	0	46.9689	1	0
4/27/2015	15:00:01	0	0	0	0	47.1731	3	0
4/27/2015	16:00:00	0	0	0	0	47.3773	3	0
4/27/2015	17:00:00	0	0	0	12.9958	47.5815	4	0
4/27/2015	18:00:01	0	0	0	25.6308	48.3983	4	0
4/27/2015	19:00:01	0	0	13.1606	12.2471	49.4194	4	0
4/27/2015	20:00:00	0	0	10.6912	8.89355	49.6236	4	0
4/27/2015	21:00:01	0	0	8.09151	7.30602	49.2152	4	0
4/27/2015	22:00:01	0	0	10.4336	8.92774	49.4194	4	0
4/27/2015	23:00:00	0	0	13.7195	15.1114	49.8278	4	0
4/28/2015	0:00:01	0.00	0.00	10.96	12.54	50.24	4	0
4/28/2015	1:00:00	0	0	11.878	10.2715	50.4405	4	0
4/28/2015	2:00:00	0	0	11.878	13.6234	50.4405	4	0
4/28/2015	3:00:01	0	0	6.35079	5.90159	50.8489	4	0
4/28/2015	4:00:01	0	0	8.84234	13.9221	51.0531	4	0
4/28/2015	5:00:00	0	0	8.84234	11.9668	51.0531	4	0
4/28/2015	6:00:00	0	10.6756	14.4053	22.4226	49.6236	4	0
4/28/2015	7:00:01	0	10.9881	16.0586	15.1053	50.2363	4	0
4/28/2015	8:00:01	0	11.4252	15.3641	1.19235	49.2152	4	0
4/28/2015	9:00:00	0	11.4252	15.3641	3.66437	48.8068	4	0
4/28/2015	11:00:00	0	0		0	48.1941	3	0
4/28/2015	12:00:00	0	0		11.7263	47.9899	4	0
4/28/2015	13:00:00	0	0		2.71123	47.5815	4	0
4/28/2015	14:00:01	0	0	10.0252	10.6801	46.9689	4	0
4/28/2015	15:00:01	0	0	11.4244	11.8236	47.3773	4	0
4/28/2015	16:00:00	0	0	12.8659	12.5589	46.3562	4	0
4/28/2015	17:00:00	0	0	16.7147	18.3889	47.1731	4	0
4/28/2015	18:00:01	0	0	22.6717	21.335	47.1731	4	0
4/28/2015	19:00:01	0	0	53.012	53.5842	49.011	4	0
4/28/2015	20:00:00	0	0	38.3982	30.1126	49.4194	4	0
4/28/2015	21:00:01	0	0	62.5537	121.616	49.2152	4	0
4/28/2015	22:00:01	0	0	44.1015	35.7083	49.011	4	0
4/28/2015	23:00:00	0	0	17.1546	10.3813	49.6236	4	0
4/29/2015	0:00:00	0.00	0.00	12.79	11.57	50.03	4	0
4/29/2015	1:00:01	0	25.8946	15.2951	15.505	50.2363	4	0

4/29/2015	2:00:00	0	26.3439	16.4553	15.1468	50.4405	4	0
4/29/2015	3:00:01	0	26.8539	16.4633	17.0412	50.6447	4	0
4/29/2015	4:00:00	0	27.5951	20.9655	18.5087	50.8489	4	0
4/29/2015	5:00:00	0	27.1356	12.8362	14.6229	50.8489	4	0
4/29/2015	6:00:01	0	27.259	18.9282	25.4743	50.4405	4	0
4/29/2015	7:00:00	0	24.7525	18.1644	16.814	49.8278	4	0
4/29/2015	8:00:00	0	22.8362	14.5083	9.71823	49.6236	4	0
4/29/2015	9:00:01	0	18.5989	10.6346	3.24587	48.6026	4	0
4/29/2015	10:00:01	0	15.754	9.17441	5.61852	48.3983	4	0
4/29/2015	11:00:00	0	15.214	10.7428	6.97972	48.1941	4	0
4/29/2015	12:00:01	0	16.2137	24.5909	37.7911	47.3773	4	0
4/29/2015	13:00:01	21.8644	16.5346	19.5515	14.895	47.3773	4	0
4/29/2015	14:00:00	22.6237	17.4292	27.8954	30.7544	47.7857	4	0
4/29/2015	15:00:00	24.8976	21.5243	66.6303	44.8877	47.7857	4	0
4/29/2015	16:00:01	26.458	24.0349	53.332	52.2578	48.3984	4	0
4/29/2015	17:00:01	26.8122	25.0736	26.4396	26.2798	48.6026	4	0
4/29/2015	18:00:00	26.6686	25.1553	21.6501	18.2107	49.2152	4	0
4/29/2015	19:00:01	25.5384	25.9504	29.2733	32.2369	49.011	4	0
4/29/2015	20:00:01	24.7824	26.6084	24.3288	23.6611	49.011	4	0
4/29/2015	21:00:00	23.0223	27.591	24.1554	25.2264	49.011	4	0
4/29/2015	22:00:00	21.6615	27.9069	14.5834	12.3972	50.032	4	0
4/29/2015	23:00:01	21.4631	28.1225	14.2393	10.426	50.032	4	0
4/30/2015	0:00:00	21.17	26.70	7.92	13.28	49.83	4	0
4/30/2015	1:00:00	20.8676	25.8123	8.44519	6.8254	51.0531	4	0
4/30/2015	2:00:00	20.3777	24.0624	7.05255	1.82869	50.6447	4	0
4/30/2015	3:00:01	19.9449	19.2838	6.07775	8.09177	50.6447	4	0
4/30/2015	4:00:00	19.2356	15.4552	5.86149	6.46367	51.0531	4	0
4/30/2015	5:00:00	18.972	13.9758	8.10273	6.21806	51.6657	4	0
4/30/2015	6:00:01	18.6868	13.0931	9.4236	12.7649	51.0531	4	0
4/30/2015	7:00:01	18.4231	11.5822	9.74951	8.72097	50.6447	4	0
4/30/2015	8:00:00	18.3204	10.4917	10.4186	11.6161	50.4405	4	0
4/30/2015	9:00:01	18.8488	10.1847	19.4936	9.84654	50.6447	4	0
4/30/2015	10:00:01	20.6965	13.3484	52.3839	42.7703	50.032	4	0
4/30/2015	11:00:00	21.1501	13.7843	18.8861	31.867	49.8278	4	0
4/30/2015	12:00:00	21.2234	15.4223	28.4587	24.1764	50.4405	4	0
4/30/2015	13:00:01	21.0941	15.9478	14.2633	14.2209	50.032	4	0

4/30/2015	14:00:01	20.9745	17.3015	22.8506	34.0217	49.2152	4	0
4/30/2015	15:00:00	19.2125	18.74	23.9033	33.4975	49.8278	4	0
4/30/2015	16:00:01	18.6287	21.4568	38.8553	34.3146	49.8278	4	0
4/30/2015	17:00:01	18.4434	22.6038	22.8288	22.6057	50.4405	4	0
4/30/2015	18:00:00	18.2212	23.169	17.0531	18.5813	50.4405	4	0
4/30/2015	19:00:00	17.4815	23.3467	14.0095	19.8559	51.0531	4	0
4/30/2015	20:00:01	17.2264	24.0071	19.8025	20.8475	50.6447	4	0
4/30/2015	21:00:00	16.5837	23.1334	9.90797	9.8448	51.2573	4	0
4/30/2015	22:00:00	16.438	19.8027	11.8471	13.0591	51.0531	4	0
4/30/2015	23:00:00	16.2776	19.2132	12.9363	12.4498	51.87	4	0
5/1/2015	0:00:01	16.43	17.92	12.89	12.75	52.07	4	0
5/1/2015	1:00:01	16.5694	17.7678	12.1342	15.8272	52.6868	4	0
5/1/2015	2:00:00	16.7922	16.9774	12.5125	12.7171	52.2784	4	0
5/1/2015	3:00:00	17.1035	16.2339	14.4675	8.6961	52.891	4	0
5/1/2015	4:00:01	17.2035	13.8446	8.66452	7.60413	52.891	4	0
5/1/2015	5:00:00	17.3447	12.9895	11.8142	10.5235	53.5036	4	0
5/1/2015	6:00:00	17.9201	13.3219	19.2279	18.7001	51.6657	4	0
5/1/2015	7:00:01	18.4025	13.5361	14.0027	15.9614	50.4405	4	0
5/1/2015	8:00:01	18.8561	13.3958	16.8068	25.9437	50.2363	4	0
5/1/2015	9:00:00	19.1998	14.7607	25.8073	20.4008	50.032	4	0
5/1/2015	10:00:01	17.8394	15.2632	17.0732	16.6848	49.2152	4	0
5/1/2015	11:00:01	17.9519	15.8066	18.755	15.6079	48.6026	4	0
5/1/2015	12:00:00	17.4715	16.0289	15.217	8.20564	47.9899	4	0
5/1/2015	13:00:00	17.4886	16.1854	14.4239	5.68501	48.3983	4	0
5/1/2015	14:00:01	17.3105	16.62	17.9454	18.7144	48.1941	4	0
5/1/2015	15:00:01	17.2598	17.3357	24.5912	26.9684	48.8068	4	0
5/1/2015	16:00:00	16.3676	18.1058	18.4602	7.58756	48.6026	4	0
5/1/2015	17:00:01	16.1707	18.583	17.6631	21.3853	47.9899	4	0
5/1/2015	18:00:01	16.1013	18.2797	17.7048	20.5964	49.011	4	0
5/1/2015	19:00:00	16.6363	19.3918	28.4649	45.6544	50.2363	4	0
5/1/2015	20:00:00	17.9652	22.3999	54.4679	58.6047	49.6236	4	0
5/1/2015	21:00:01	23.2362	31.6372	137.108	242.022	50.2363	4	0
5/1/2015	22:00:00	29.9334	44.6721	174.776	102.268	50.8489	4	0
5/1/2015	23:00:00	31.5308	47.5028	55.17	41.7787	50.8489	4	0
5/2/2015	0:00:01	32.65	49.64	41.86	48.52	51.46	4	0
5/2/2015	1:00:01	33.7548	51.7465	40.7949	45.4972	51.2573	4	0

5/2/2015	2:00:00	34.87	53.6262	41.2871	41.7952	51.0531	4	0
5/2/2015	3:00:00	35.4818	54.2121	35.6421	37.438	51.6657	4	0
5/2/2015	4:00:01	36.4725	55.4791	34.5524	31.3956	52.2784	4	0
5/2/2015	5:00:00	37.0035	56.1511	25.9512	30.8501	52.6868	4	0
5/2/2015	6:00:00	37.7208	57.6175	27.6605	34.3232	51.4615	4	0
5/2/2015	7:00:01	38.4861	57.7897	21.4442	21.577	50.8489	4	0
5/2/2015	8:00:01	39.0847	55.7201	24.2637	28.2171	50.8489	4	0
5/2/2015	9:00:01	39.625	47.0234	24.9828	26.7019	49.6236	4	0
5/2/2015	10:00:01	40.0326	34.2004	23.7641	24.9515	49.6236	4	0
5/2/2015	11:00:00	40.4561	31.7002	25.6914	22.0946	49.2152	4	0
5/2/2015	12:00:00	40.9446	30.232	25.1879	36.6793	49.2152	4	0
5/2/2015	13:00:01	42.5336	30.794	47.6685	98.0685	48.8068	4	0
5/2/2015	14:00:01	46.2428	36.1921	108.575	61.6897	48.3983	4	0
5/2/2015	15:00:00	49.5936	41.7605	103.94	211.074	49.8278	4	0
5/2/2015	16:00:00	51.7089	44.6164	71.7544	60.5301	49.4194	4	0
5/2/2015	17:00:01	52.4835	45.4646	38.4156	23.7547	49.4194	4	0
5/2/2015	18:00:01	53.4354	46.4539	40.7596	86.7118	49.4194	4	0
5/2/2015	19:00:00	54.3695	49.4531	63.0045	23.2604	50.4405	4	0
5/2/2015	20:00:00	53.7412	51.1238	48.2239	40.4249	51.0531	4	0
5/2/2015	21:00:01	49.1234	51.5808	32.4143	34.4498	51.4615	4	0
5/2/2015	22:00:00	42.8991	52.113	32.4953	37.0202	51.87	4	0
5/2/2015	23:00:00	41.9842	52.9237	36.3806	38.0825	52.0742	4	0
5/3/2015	0:00:01	41.87	54.19	39.92	37.05	51.67	4	0
5/3/2015	1:00:01	41.7167	53.4708	37.3258	37.6667	51.87	4	0
5/3/2015	2:00:00	41.3217	47.4674	34.6407	37.2984	52.2784	4	0
5/3/2015	3:00:00	41.0534	41.6422	31.4475	30.8463	52.4826	4	0
5/3/2015	4:00:01	40.6651	38.0906	27.6261	29.1376	52.4826	4	0
5/3/2015	5:00:00	40.6592	37.1361	25.3432	27.2636	52.4826	4	0
5/3/2015	6:00:00	40.7169	36.1946	27.4297	32.3765	52.891	4	0
5/3/2015	7:00:01	41.3382	33.8082	31.2498	36.8536	52.4826	4	0
5/3/2015	8:00:01	41.681	32.2831	27.9664	27.9159	51.8699	4	0
5/3/2015	9:00:00	42.182	32.2567	29.5854	33.3992	51.0531	4	0
5/3/2015	10:00:01	42.457	31.9772	29.2028	25.0452	51.2573	4	0
5/3/2015	11:00:01	43.1265	31.9449	34.0529	52.8635	50.6447	4	0
5/3/2015	12:00:00	43.9188	31.4567	30.597	51.0474	50.032	4	0
5/3/2015	13:00:01	43.3997	31.3839	38.9642	35.1666	49.8278	4	0

5/3/2015	14:00:01	40.3516	31.3727	35.4828	34.7307	49.8278	4	0
5/3/2015	15:00:02	37.3806	31.3146	31.0149	29.7121	49.4194	4	0
5/3/2015	16:00:00	35.7178	31.676	33.4146	46.9457	49.6236	4	0
5/3/2015	17:00:01	35.5686	32.6497	40.0848	35.5934	50.8489	4	0
5/3/2015	18:00:01	35.3718	33.6525	43.5909	43.5806	51.0531	4	0
5/3/2015	19:00:00	33.8771	33.5419	33.1167	27.6251	51.87	4	0
5/3/2015	20:00:01	32.5301	32.437	13.6474	15.1064	51.2573	4	0
5/3/2015	21:00:01	32.0985	31.8481	22.7344	37.0625	51.4615	4	0
5/3/2015	22:00:00	31.7831	31.6872	29.0162	30.4427	52.4826	4	0
5/3/2015	23:00:00	31.3279	31.1421	28.2212	27.5272	52.4826	4	0
5/4/2015	0:00:01	30.88	31.03	27.42	25.10	52.28	4	0
5/4/2015	1:00:01	30.6506	30.4866	30.9249	31.965	51.87	4	0
5/4/2015	2:00:00	31.0513	31.5359	49.6284	38.8268	52.2784	4	0
5/4/2015	3:00:00	30.3416	30.4168	18.5233	16.8754	53.2994	4	0
5/4/2015	4:00:01	29.727	28.8898	14.7788	20.1015	53.5037	4	0
5/4/2015	5:00:00	29.3377	27.0991	18.3903	14.6125	53.7079	4	0
5/4/2015	6:00:00	28.736	24.5522	11.2239	10.6094	53.0952	4	0
5/4/2015	7:00:01	27.8248	22.6962	11.0292	8.6968	53.5037	4	0
5/4/2015	8:00:01	27.3759	22.8628	14.4212	21.2915	53.2994	4	0
5/4/2015	9:00:01	26.8923	22.3186	14.727	10.8826	52.2784	4	0
5/4/2015	10:00:01	26.6186	21.6482	19.8143	19.8348	53.0952	4	0
5/4/2015	11:00:01	0	0	0	0	19.4002	3	0
5/4/2015	12:00:00	0	0	0	3.30709	19.6044	4	0
5/4/2015	13:00:01	0	0	0	5.28663	19.4002	4	0
5/4/2015	14:00:01	0	0	6.20594	6.68902	19.4002	4	0
5/4/2015	15:00:01	0	0	5.57134	5.69278	19.4002	4	0
5/4/2015	16:00:00	0	0	6.68799	5.64767	18.9918	4	0
5/4/2015	17:00:01	0	0	10.2631	11.7049	19.6044	4	0
5/4/2015	18:00:01	0	0	10.6053	21.6851	19.8086	4	0
5/4/2015	19:00:00	0	0	21.3055	15.1415	20.0128	4	0
5/4/2015	20:00:01	0	0	24.2303	24.3167	20.4212	4	0
5/4/2015	21:00:01	0	0	20.8724	18.9649	20.6254	4	0
5/4/2015	22:00:00	0	0	15.0502	14.1801	21.0339	4	0
5/4/2015	23:00:00	0	0	13.5952	12.9665	20.6254	4	0
5/5/2015	0:00:01	0.00	0.00	9.62	9.35	21.03	4	0
5/5/2015	1:00:00	0	12.7311	10.6931	10.8087	21.2381	4	0

5/5/2015	2:00:00	0	13.6293	17.3713	26.2323	21.0339	4	0
5/5/2015	3:00:01	0	14.8989	21.1875	17.4477	21.4423	4	0
5/5/2015	4:00:01	0	15.3142	11.5909	7.47126	21.2381	4	0
5/5/2015	5:00:00	0	15.3428	10.0768	8.44237	21.6465	4	0
5/5/2015	6:00:00	0	15.1329	7.62927	8.13766	21.0339	4	0
5/5/2015	7:00:01	0	14.4233	12.0136	13.5323	21.4423	4	0
5/5/2015	8:00:00	0	13.6618	14.5131	14.6748	21.6465	4	0
5/5/2015	9:00:00	0	13.2952	15.933	16.4504	21.6465	4	0
5/5/2015	10:00:01	0	13.2591	13.8571	14.5045	20.8297	4	0
5/5/2015	11:00:01	0	13.4375	15.4721	16.7805	21.8507	4	0
5/5/2015	12:00:00	0	14.4333	20.905	24.0853	21.4423	4	0
5/5/2015	13:00:01	14.1941	15.466	22.4723	24.4044	20.6254	4	0
5/5/2015	14:00:01	14.9093	15.9168	22.9396	23.228	20.8297	4	0
5/5/2015	15:00:00	15.7438	16.1805	24.2766	26.7071	21.4423	4	0
5/5/2015	16:00:00	16.1436	16.6458	18.6833	20.813	22.2591	4	0
5/5/2015	17:00:01	16.4102	17.193	17.1198	15.835	22.0549	4	0
5/5/2015	18:00:01	16.5863	17.8593	16.8545	21.6083	22.0549	4	0
5/5/2015	19:00:00	16.2766	18.0629	15.7952	13.3036	22.6676	4	0
5/5/2015	20:00:00	15.7357	17.8064	12.1995	13.3485	22.8718	4	0
5/5/2015	21:00:01	15.3248	17.4013	11.4228	10.3153	22.6676	4	0
5/5/2015	22:00:00	15.3248	17.4013	11.4228	9.91154	22.8718	4	0
5/5/2015	23:00:00	14.9283	16.5777	9.67815	8.35105	23.076	4	0
5/6/2015	0:00:01	15.03	15.86	11.92	16.95	22.67	4	0
5/6/2015	1:00:01	15.2784	15.4034	16.2702	18.6847	23.4844	4	0
5/6/2015	2:00:00	15.3547	15.1486	19.5013	19.6198	23.4844	4	0
5/6/2015	3:00:00	14.9633	14.1656	11.7895	12.7838	23.6886	4	0
5/6/2015	4:00:00	14.9347	13.5529	10.9813	9.76329	23.4844	4	0
5/6/2015	5:00:00	14.8775	12.889	8.92976	8.9401	23.6886	4	0
5/6/2015	6:00:01	14.9634	12.3054	9.5902	9.14895	23.6886	4	0
5/6/2015	7:00:01	14.9137	11.8412	9.73257	12.498	23.8929	4	0
5/6/2015	8:00:00	14.8995	11.9436	13.0138	12.0609	24.3013	4	0
5/6/2015	9:00:01	14.8815	12.1785	13.5921	14.8648	23.6886	4	0
5/6/2015	10:00:01	15.2138	13.0194	18.8792	23.4437	23.2802	4	0
5/6/2015	11:00:00	15.7187	14.2023	21.5562	21.4004	22.8718	4	0
5/6/2015	12:00:00	15.7368	14.94	20.7402	22.2833	22.6676	4	0
5/6/2015	13:00:01	15.6778	15.2828	20.6664	21.1494	23.4844	4	0

5/6/2015	14:00:01	15.5531	15.2396	19.4082	19.8193	23.2802	4	0
5/6/2015	15:00:00	15.3758	15.9005	19.9271	23.93	23.2802	4	0
5/6/2015	16:00:01	15.3442	16.5105	19.1235	20.4651	23.076	4	0
5/6/2015	17:00:01	15.5073	17.5262	21.3972	20.0602	23.4844	4	0
5/6/2015	18:00:00	15.7682	18.6955	24.4469	27.5162	23.6886	4	0
5/6/2015	19:00:00	16.1679	20.0981	28.4148	27.516	24.3013	4	0
5/6/2015	20:00:01	16.6074	20.9769	25.3831	25.9611	25.1181	4	0
5/6/2015	21:00:00	17.5066	22.6515	35.1028	36.3678	25.5266	4	0
5/6/2015	22:00:00	18.3398	23.5944	30.8666	40.5339	25.935	4	0
5/6/2015	23:00:01	19.2099	24.4415	32.5913	33.6169	25.935	4	0
5/7/2015	0:00:01	19.90	25.18	29.83	24.18	26.55	4	0
5/7/2015	1:00:00	20.3924	25.8361	27.5091	26.3713	27.1603	4	0
5/7/2015	2:00:00	20.7961	26.7192	29.2718	32.0625	26.5476	4	0
5/7/2015	3:00:01	21.6078	27.738	31.7844	35.4265	27.3645	4	0
5/7/2015	4:00:00	22.3849	28.716	31.2942	35.0563	27.5687	4	0
5/7/2015	5:00:00	23.3785	29.7216	32.6877	32.9069	27.3645	4	0
5/7/2015	6:00:01	24.5198	30.7981	35.9574	38.6696	27.7729	4	0
5/7/2015	7:00:01	25.7833	31.652	34.9314	29.7497	26.956	4	0
5/7/2015	8:00:00	26.5288	32.0576	28.6362	27.3866	26.7518	4	0
5/7/2015	9:00:01	27.284	31.6258	27.6642	28.1692	26.5476	4	0
5/7/2015	10:00:01	27.6716	31.2718	25.2656	25.5752	26.7518	4	0
5/7/2015	11:00:01	27.6798	30.2697	20.8313	25.8644	26.5476	4	0
5/7/2015	12:00:00	27.8773	29.7828	24.0891	22.3852	26.7518	4	0
5/7/2015	13:00:01	27.9684	29.3666	23.7452	26.707	26.956	4	0
5/7/2015	14:00:01	28.2042	28.8622	23.0192	17.3683	26.5476	4	0
5/7/2015	15:00:00	28.4015	28.1284	23.3759	22.4616	26.956	4	0
5/7/2015	16:00:00	28.89	27.9222	29.1778	30.587	26.7518	4	0
5/7/2015	17:00:01	29.1741	27.5967	31.4535	37.0404	27.1603	4	0
5/7/2015	18:00:00	29.2086	27.3286	40.3628	61.1911	28.1813	4	0
5/7/2015	19:00:00	28.4954	25.5492	15.5127	19.0832	28.5897	4	0
5/7/2015	20:00:01	28.1004	24.4996	15.7831	11.1685	28.7939	4	0
5/7/2015	21:00:01	27.1945	23.2408	11.2877	6.08609	27.7729	4	0
5/7/2015	22:00:00	26.296	21.9438	9.13236	8.4758	28.1813	4	0
5/7/2015	23:00:00	25.1581	20.784	7.1727	10.0516	27.9771	4	0
5/8/2015	0:00:01	24.31	19.62	9.38	12.29	28.39	4	0
5/8/2015	1:00:00	23.5971	18.5144	9.60627	9.06896	28.3855	4	0

5/8/2015	2:00:00	22.8161	17.6214	12.3069	12.9519	28.3855	4	0
5/8/2015	3:00:01	21.9557	16.6522	10.9522	12.1948	27.9771	4	0
5/8/2015	4:00:01	20.9677	15.0036	8.74204	7.86384	27.9771	4	0
5/8/2015	5:00:00	19.9647	13.1789	8.51817	8.15458	28.1813	4	0
5/8/2015	6:00:01	18.9347	10.7248	10.331	9.14661	28.1813	4	0
5/8/2015	7:00:01	18.0852	10.4742	11.9695	12.584	28.1813	4	0
5/8/2015	8:00:00	17.4585	10.2059	12.4123	13.112	27.9771	4	0
5/8/2015	9:00:00	16.955	10.508	14.8517	18.9758	27.5687	4	0
5/8/2015	10:00:01	16.679	11.1065	15.6447	13.9966	27.1602	4	0
5/8/2015	11:00:01	16.477	11.6697	13.232	15.9366	27.3645	4	0
5/8/2015	12:00:00	15.9146	11.8469	12.2277	12.2331	27.5687	4	0
5/8/2015	13:00:01	15.5288	12.2479	14.6553	13.0257	27.1603	4	0
5/8/2015	14:00:01	15.3904	12.9009	20.8492	23.4834	27.5687	4	0
5/8/2015	15:00:00	15.1601	13.6174	21.1523	17.6648	27.9771	4	0
5/8/2015	16:00:00	14.4623	13.8349	11.2567	15.7023	28.5897	4	0
5/8/2015	17:00:01	13.6837	14.1284	12.1818	10.4856	28.3855	4	0
5/8/2015	18:00:00	12.427	14.1234	10.6331	7.23022	27.9771	4	0
5/8/2015	19:00:00	12.2253	14.0331	11.048	14.7794	28.5897	4	0
5/8/2015	20:00:01	12.0264	13.944	11.5961	7.11927	29.2024	4	0
5/8/2015	21:00:01	11.7829	13.1618	5.16016	5.20703	28.5897	4	0
5/8/2015	22:00:00	11.6762	12.4287	6.60436	14.2746	28.7939	4	0
5/8/2015	23:00:00	11.6701	11.9453	7.22707	6.41638	28.7939	4	0
5/9/2015	0:00:01	11.56	11.52	6.94	2.79	28.59	4	0
5/9/2015	1:00:00	11.5619	11.5172	6.93546	6.70876	28.9982	4	0
5/9/2015	2:00:00	10.9295	9.18581	3.37388	4.5985	28.9982	4	0
5/9/2015	3:00:01	10.7171	7.92148	5.79863	7.75334	28.5897	4	0
5/9/2015	4:00:01	10.6473	7.59345	7.30326	8.95151	29.4066	4	0
5/9/2015	5:00:00	10.7787	7.56779	11.8128	14.1077	28.794	4	0
5/9/2015	6:00:01	10.7423	7.49629	9.81064	9.22191	28.794	4	0
5/9/2015	7:00:01	10.6525	7.35054	9.06065	11.2074	28.5897	4	0
5/9/2015	8:00:00	10.6164	7.28169	10.5173	14.4509	28.5897	4	0
5/9/2015	9:00:00	10.502	7.81968	11.4851	7.54329	28.3855	4	0
5/9/2015	10:00:01	10.4676	8.41036	13.2893	14.8829	28.3855	4	0
5/9/2015	11:00:01	10.4425	8.79784	11.6495	12.5556	28.5897	4	0
5/9/2015	12:00:00	10.3804	9.12967	11.2017	17.1061	28.3855	4	0
5/9/2015	13:00:01	10.4199	10.1441	16.027	17.4408	28.5897	4	0

5/9/2015	14:00:01	10.055	10.8404	11.5647	15.5161	28.794	4	0
5/9/2015	15:00:00	9.8341	11.6713	15.6459	17.1429	28.9982	4	0
5/9/2015	16:00:00	10.0063	12.3683	16.2994	19.689	29.2024	4	0
5/9/2015	17:00:01	10.0444	12.4952	14.0948	12.9704	29.6108	4	0
5/9/2015	18:00:00	9.97329	12.4532	10.2836	13.5365	30.0192	4	0
5/9/2015	19:00:00	9.81531	12.3218	8.06261	7.07489	30.0192	4	0
5/9/2015	20:00:00	9.60412	12.0061	7.05681	8.88277	30.2234	4	0
5/9/2015	21:00:01	9.69403	11.6908	7.95368	8.07268	30.8361	4	0
5/9/2015	22:00:00	9.61864	10.9998	4.58145	2.71816	30.8361	4	0
5/9/2015	23:00:00	9.54539	10.5151	5.70073	4.12581	30.4276	4	0
5/10/2015	0:00:01	9.47	10.03	5.07	5.26	30.43	4	0
5/10/2015	1:00:01	9.53412	9.14376	4.92434	6.35848	30.8361	4	0
5/10/2015	2:00:00	9.59702	8.61314	4.94729	5.70312	30.4276	4	0
5/10/2015	3:00:01	9.58296	7.78869	5.26156	6.46052	30.8361	4	0
5/10/2015	4:00:01	9.57002	7.02838	6.74852	6.46496	31.0403	4	0
5/10/2015	5:00:00	9.35507	6.43183	6.76289	9.92416	31.0403	4	0
5/10/2015	6:00:01	9.24763	6.18168	7.19186	5.09075	30.8361	4	0
5/10/2015	7:00:01	9.05281	5.88342	4.4863	3.58479	31.2445	4	0
5/10/2015	8:00:01	8.79545	5.63673	4.04639	2.8087	30.8361	4	0
5/10/2015	9:00:00	8.57221	5.47019	5.96039	6.9127	30.6319	4	0
5/10/2015	10:00:01	8.32706	5.66025	6.80162	9.35697	31.0403	4	0
5/10/2015	11:00:01	8.26838	5.99461	9.65056	14.8979	30.8361	4	0
5/10/2015	12:00:00	8.24519	6.38359	9.49185	10.7897	31.4487	4	0
5/10/2015	13:00:00	8.22733	7.22309	14.8579	13.6528	31.2445	4	0
5/10/2015	14:00:01	8.2762	7.83318	12.0983	9.69595	31.0403	4	0
5/10/2015	15:00:00	8.25574	8.5971	14.0159	15.502	30.4276	4	0
5/10/2015	16:00:00	8.15854	9.17427	13.566	11.7127	30.4276	4	0
5/10/2015	17:00:01	8.09981	9.6789	13.2187	18.3536	30.8361	4	0
5/10/2015	18:00:01	8.18715	10.1159	12.7097	10.9352	31.0403	4	0
5/10/2015	19:00:00	8.41342	10.885	14.1939	13.2209	31.0403	4	0
5/10/2015	20:00:00	8.6586	11.6356	13.3032	14.8188	31.4487	4	0
5/10/2015	21:00:01	8.79078	12.0808	11.8572	13.1417	31.6529	4	0
5/10/2015	22:00:00	9.10637	12.5303	12.4456	12.0727	31.6529	4	0
5/10/2015	23:00:00	9.34165	12.6725	11.4647	11.0431	31.6529	4	0
5/11/2015	0:00:01	9.59	12.80	11.03	11.90	31.65	4	0
5/11/2015	1:00:01	9.89922	12.596	12.1633	13.8053	31.8571	4	0

5/11/2015	2:00:00	10.2243	12.6262	11.6623	8.50014	32.0614	4	0
5/11/2015	3:00:01	10.5294	12.4758	11.279	9.45352	31.8571	4	0
5/11/2015	4:00:00	10.6897	12.2312	10.4142	9.02294	31.6529	4	0
5/11/2015	5:00:00	10.9724	12.2541	13.3006	16.0356	31.8571	4	0
5/11/2015	6:00:01	11.2717	12.4026	14.5762	15.0248	31.6529	4	0
5/11/2015	7:00:01	11.492	12.0334	9.90882	11.2736	32.0614	4	0
5/11/2015	8:00:00	11.6695	11.5999	8.09725	12.143	31.8571	4	0
5/11/2015	9:00:01	11.6897	11.1458	6.58194	7.53271	31.6529	4	0
5/11/2015	10:00:01	11.625	10.5035	4.58568	2.24047	31.4487	4	0
5/11/2015	11:00:00	11.4386	9.98548	5.49756	4.40926	31.8571	4	0
5/11/2015	12:00:00	11.3399	9.61693	6.51117	7.95532	31.4487	4	0
5/11/2015	13:00:01	11.1687	9.55171	11.9797	18.1327	31.6529	4	0
5/11/2015	14:00:00	10.9315	9.05167	5.33914	2.02703	31.2445	4	0
5/11/2015	15:00:00	10.7718	8.91635	9.453	11.9847	31.2445	4	0
5/11/2015	16:00:01	10.6239	8.91933	10.8008	14.6241	31.2445	4	0
5/11/2015	17:00:01	10.6297	8.99591	14.7659	15.3583	32.0614	4	0
5/11/2015	18:00:00	10.5157	8.69443	11.485	15.0962	31.8571	4	0
5/11/2015	19:00:00	10.5041	9.12111	15.5821	11.6354	32.2656	4	0
5/11/2015	20:00:01	10.4274	9.43022	11.9304	11.4417	32.4698	4	0
5/11/2015	21:00:00	10.2983	9.63166	9.08037	10.6067	32.2656	4	0
5/11/2015	22:00:00	10.0524	9.81523	6.96003	7.01191	32.674	4	0
5/11/2015	23:00:01	9.83162	9.86446	5.92377	10.5759	32.4698	4	0
5/12/2015	0:00:01	9.64	9.89	6.96	9.28	32.67	4	0
5/12/2015	1:00:00	9.4448	9.52318	7.31556	10.2211	32.2656	4	0
5/12/2015	2:00:01	9.27491	9.71112	7.58527	8.55788	32.2656	4	0
5/12/2015	3:00:01	9.08244	9.49661	6.8026	8.70588	32.8782	4	0
5/12/2015	4:00:00	8.96762	9.25876	7.85245	7.39454	32.8782	4	0
5/12/2015	5:00:00	8.65296	8.52213	5.63786	7.45305	32.2656	4	0
5/12/2015	6:00:01	8.27367	8.01674	5.2855	8.53254	33.0824	4	0
5/12/2015	7:00:01	8.10873	7.2067	5.56118	5.56777	33.0824	4	0
5/12/2015	8:00:00	7.988	6.66694	5.48336	6.12335	33.0824	4	0
5/12/2015	9:00:01	8.0394	6.53315	7.22485	9.3826	32.8782	4	0
5/12/2015	10:00:01	8.13998	6.54113	7.05152	6.6102	32.2656	4	0
5/12/2015	11:00:00	8.25229	6.6726	7.15801	6.56639	32.8782	4	0
5/12/2015	12:00:00	8.32874	6.78091	8.27137	9.58	33.2866	4	0
5/12/2015	13:00:01	8.28351	7.05947	10.6635	12.6947	33.4908	4	0

5/12/2015	14:00:00	8.6455	7.55112	13.2244	17.4871	33.2866	4	0
5/12/2015	15:00:00	8.76418	7.98147	11.9406	17.7442	32.674	4	0
5/12/2015	16:00:01	8.85116	8.34839	12.061	11.5416	32.4698	4	0
5/12/2015	17:00:01	8.62202	8.64272	9.37134	10.0752	32.4698	4	0
5/12/2015	18:00:00	8.56694	9.06083	10.6478	12.3383	32.2656	4	0
5/12/2015	19:00:00	8.29925	9.38382	10.0248	8.3425	33.0824	4	0
5/12/2015	20:00:01	8.30393	9.9389	12.5494	13.4981	33.6951	4	0
5/12/2015	21:00:00	8.35894	10.2163	10.985	10.3575	33.4908	4	0
5/12/2015	22:00:01	8.44584	10.3922	9.4434	9.12056	33.4908	4	0
5/12/2015	23:00:00	8.48633	10.3777	7.05489	4.93806	33.4908	4	0
5/13/2015	0:00:00	8.44	10.18	6.10	7.20	34.31	4	0
5/13/2015	1:00:01	8.38481	9.81936	6.38172	8.81331	34.1035	4	0
5/13/2015	2:00:01	8.34803	9.29463	6.62686	8.0764	33.8993	4	0
5/13/2015	3:00:00	8.3495	8.90449	7.2089	5.05761	34.3077	4	0
5/13/2015	4:00:00	8.27936	8.41902	5.67401	8.35802	34.5119	4	0
5/13/2015	5:00:01	8.32235	8.21144	6.68141	6.47461	34.3077	4	0
5/13/2015	6:00:01	8.55209	8.23422	10.6115	7.80653	34.3077	4	0
5/13/2015	7:00:00	8.94078	8.60812	13.98	11.2479	33.4908	4	0
5/13/2015	8:00:01	9.18509	8.47066	10.4089	11.5512	34.1035	4	0
5/13/2015	9:00:01	9.22463	8.20612	7.59345	5.6477	33.695	4	0
5/13/2015	10:00:00	9.46909	8.45672	12.2474	26.4357	34.1035	4	0
5/13/2015	11:00:00	9.71796	8.92223	12.4223	14.9121	33.695	4	0
5/13/2015	12:00:01	9.82599	9.27293	10.0118	8.92194	33.6951	4	0
5/13/2015	13:00:00	10.3031	10.5692	21.9582	21.8167	33.2866	4	0
5/13/2015	14:00:00	10.4806	11.4481	17.0938	17.12	33.695	4	0
5/13/2015	15:00:01	10.6362	12.1321	15.4576	17.9615	33.8993	4	0
5/13/2015	16:00:00	10.9085	13.2086	18.8913	18.2736	33.8993	4	0
5/13/2015	17:00:00	11.1871	14.0004	16.8191	20.4447	33.8993	4	0
5/13/2015	18:00:00	11.3779	14.3958	16.3047	20.1054	34.9203	4	0
5/13/2015	19:00:01	11.5662	14.4576	15.5893	13.7029	35.1245	4	0
5/13/2015	20:00:00	11.6851	14.8907	16.137	17.6876	34.5119	4	0
5/13/2015	21:00:00	11.7951	15.4268	14.8546	15.7439	34.5119	4	0
5/13/2015	22:00:01	11.9435	15.505	13.2189	10.3004	34.7161	4	0
5/13/2015	23:00:01	12.1458	15.5092	13.0913	16.2442	35.1245	4	0
5/14/2015	0:00:00	12.39	15.70	12.20	13.72	35.53	4	0
5/14/2015	1:00:01	12.4577	14.5878	8.20702	10.1916	35.7372	4	0

5/14/2015	2:00:01	12.5019	13.8333	7.39578	5.17384	35.533	4	0
5/14/2015	3:00:00	12.5727	13.3203	8.82058	11.0985	35.3288	4	0
5/14/2015	4:00:00	12.9295	12.971	14.1513	14.5157	35.533	4	0
5/14/2015	5:00:01	13.1828	12.6496	12.432	15.3388	35.533	4	0
5/14/2015	6:00:01	13.2929	12.3436	11.6616	8.94774	34.9203	4	0
5/14/2015	7:00:00	13.2521	12.0365	10.8981	15.8608	35.1245	4	0
5/14/2015	8:00:01	13.4428	11.8645	13.5369	16.525	35.533	4	0
5/14/2015	9:00:01	13.6456	11.6039	11.5741	11.6483	35.3288	4	0
5/14/2015	10:00:00	13.7785	11.6877	13.8089	13.1697	34.5119	4	0
5/14/2015	11:00:00	13.762	11.5247	11.1042	15.7494	35.3288	4	0
5/14/2015	12:00:01	13.9798	11.6429	13.2184	17.8955	34.3077	4	0
5/14/2015	13:00:00	13.6048	12.0118	12.6404	10.8128	34.9203	4	0
5/14/2015	14:00:00	13.4238	12.3953	11.6465	17.455	34.5119	4	0
5/14/2015	15:00:01	13.3837	12.8861	15.2676	18.8471	34.7161	4	0
5/14/2015	16:00:01	13.1352	12.8338	14.8602	14.9613	34.9203	4	0
5/14/2015	17:00:00	13.0505	13.0913	16.7621	15.1494	35.3287	4	0
5/14/2015	18:00:00	12.8679	13.1289	12.6037	14.5415	35.9414	4	0
5/14/2015	19:00:01	12.7081	13.1845	11.419	11.9573	36.1456	4	0
5/14/2015	20:00:01	12.5356	13.0633	12.1362	11.1414	35.7372	4	0
5/14/2015	21:00:00	12.5023	13.3008	14.6134	14.6277	36.1456	4	0
5/14/2015	22:00:01	12.596	13.4462	15.3788	16.5359	35.3287	4	0
5/14/2015	23:00:01	12.6797	13.7967	15.1132	17.9809	36.1456	4	0
5/15/2015	0:00:00	12.74	13.87	14.00	13.41	35.53	4	0
5/15/2015	1:00:01	13.0706	14.1549	15.636	17.5206	35.7372	4	0
5/15/2015	2:00:01	13.4916	14.669	17.7788	20.9228	36.554	4	0
5/15/2015	3:00:01	13.9457	15.0677	19.9444	21.684	36.7582	4	0
5/15/2015	4:00:00	14.1612	15.4886	19.9975	21.3701	36.554	4	0
5/15/2015	5:00:01	14.4636	15.7556	20.0181	19.49	36.3498	4	0
5/15/2015	6:00:01	14.9511	16.6013	21.8581	25.3994	36.1456	4	0
5/15/2015	7:00:00	15.4719	17.631	24.1611	28.3393	36.3498	4	0
5/15/2015	8:00:00	16.0613	18.8981	26.7269	28.0079	36.554	4	0
5/15/2015	9:00:01	16.7939	20.0699	28.1122	31.5223	35.7372	4	0
5/15/2015	10:00:00	17.3021	20.9029	24.5967	27.5338	35.533	4	0
5/15/2015	11:00:00	17.6701	21.35	21.6603	22.8094	35.7372	4	0
5/15/2015	12:00:01	18.1072	22.1348	23.2102	20.992	35.3288	4	0
5/15/2015	13:00:01	18.4587	22.538	19.8438	15.6664	35.533	4	0

5/15/2015	14:00:00	18.6473	22.2876	13.2365	9.13716	35.1245	4	0
5/15/2015	15:00:00	18.6089	21.7841	14.057	13.6122	34.7161	4	0
5/15/2015	16:00:01	18.5161	21.1737	13.467	14.5609	35.1245	4	0
5/15/2015	17:00:01	18.2755	20.4454	12.1249	18.7617	35.7372	4	0
5/15/2015	18:00:00	18.2755	20.4454	12.1249	13.0917	35.3287	4	0
5/15/2015	19:00:00	18.2059	18.6022	13.2343	17.296	35.533	4	0
5/15/2015	20:00:01	18.1969	17.3941	12.6508	19.6963	35.7372	4	0
5/15/2015	21:00:01	18.4066	16.7869	21.5737	23.448	35.9414	4	0
5/15/2015	22:00:00	18.62	16.5258	21.6943	27.1953	36.3498	4	0
5/15/2015	23:00:01	18.636	16.0802	16.5674	18.3836	36.7582	4	0
5/16/2015	0:00:01	18.55	15.16	12.00	17.26	36.76	4	0
5/16/2015	1:00:01	18.5227	14.77	14.7724	16.5995	36.7582	4	0
5/16/2015	2:00:00	18.2825	14.7402	12.973	12.1816	36.554	4	0
5/16/2015	3:00:01	18.0838	14.8279	14.5809	12.1081	37.3709	4	0
5/16/2015	4:00:01	17.8499	14.9276	14.3887	13.5047	36.7582	4	0
5/16/2015	5:00:00	17.6965	15.3308	16.9933	18.53	36.9624	4	0
5/16/2015	6:00:01	17.7503	16.1495	22.673	19.3841	36.7582	4	0
5/16/2015	7:00:01	17.4961	16.5068	16.8719	19.0527	36.3498	4	0
5/16/2015	8:00:00	17.2129	17.0751	18.9441	20.9066	36.554	4	0
5/16/2015	9:00:00	17.123	17.4129	25.411	24.1641	36.554	4	0
5/16/2015	10:00:01	16.667	16.8197	15.7618	-0.727359	36.554	4	0
5/16/2015	11:00:00	16.5129	16.8003	14.9316	17.9188	36.1456	4	0
5/16/2015	12:00:01	16.535	17.6623	21.0511	35.5677	35.7372	4	0
5/16/2015	13:00:01	16.5357	18.0584	19.5182	20.9834	36.1456	4	0
5/16/2015	14:00:00	16.9992	18.9478	23.3224	19.3476	35.9414	4	0
5/16/2015	15:00:00	17.3088	19.4221	19.4053	19.4467	35.533	4	0
5/16/2015	16:00:01	17.523	19.7498	18.6469	21.928	35.533	4	0
5/16/2015	17:00:00	17.5932	19.4973	15.05	19.9964	35.1245	4	0
5/16/2015	18:00:00	17.8244	19.327	23.7008	21.6983	35.9414	4	0
5/16/2015	19:00:01	18.014	19.4477	19.1697	16.9955	36.1456	4	0
5/16/2015	20:00:01	18.0915	19.0972	15.0683	20.3337	36.3498	4	0
5/16/2015	21:00:00	18.0915	19.0972	15.0683	17.9375	36.3498	4	0
5/16/2015	22:00:01	17.5227	18.1583	13.4346	13.878	36.554	4	0
5/16/2015	23:00:01	17.4005	18.0638	13.7671	17.647	36.554	4	0
5/17/2015	0:00:00	17.35	17.21	10.51	9.58	36.55	4	0
5/17/2015	1:00:00	17.0921	16.3642	9.35437	12.7029	36.554	4	0

5/17/2015	2:00:01	17.0007	15.3826	11.3869	6.89929	36.554	4	0
5/17/2015	3:00:01	16.9197	14.8059	11.6082	16.2216	36.3498	4	0
5/17/2015	4:00:00	16.8793	14.4177	13.6962	15.6116	36.7582	4	0
5/17/2015	5:00:01	16.7137	14.2369	12.3049	13.5678	36.3498	4	0
5/17/2015	6:00:01	16.4541	13.663	16.7872	17.9784	36.554	4	0
5/17/2015	7:00:00	16.4391	13.3778	15.2525	19.5603	36.3498	4	0
5/17/2015	8:00:00	16.3689	13.5457	17.0213	18.5069	35.9414	4	0
5/17/2015	9:00:01	16.2554	13.9359	20.7114	29.0755	36.554	4	0
5/17/2015	10:00:00	16.5875	14.7297	22.5407	23.5464	35.7372	4	0
5/17/2015	11:00:00	16.9728	15.5679	23.804	21.3383	35.7372	4	0
5/17/2015	12:00:01	17.0716	16.578	22.1533	18.1329	35.9414	4	0
5/17/2015	13:00:01	16.922	17.0968	15.4134	17.6427	35.7372	4	0
5/17/2015	14:00:00	16.6024	17.3879	14.402	19.2417	34.5119	4	0
5/17/2015	15:00:00	15.9546	16.7295	3.98336	5.46229	35.533	4	0
5/17/2015	16:00:01	15.603	16.4171	10.2626	6.89401	35.533	4	0
5/17/2015	17:00:00	15.5564	16.551	14.3312	13.5699	35.533	4	0
5/17/2015	18:00:00	15.2912	16.6612	19.278	19.5128	35.7372	4	0
5/17/2015	19:00:01	15.0996	16.6746	16.5065	15.283	35.7372	4	0
5/17/2015	20:00:01	15.1071	16.5723	16.5579	21.576	35.9414	4	0
5/17/2015	21:00:00	15.2056	16.5064	20.6755	19.8299	36.3498	4	0
5/17/2015	22:00:01	15.4888	16.3563	20.8397	19.5502	36.554	4	0
5/17/2015	23:00:01	15.6632	15.9069	18.3026	17.3748	35.9414	4	0
5/18/2015	0:00:01	16.04	15.78	21.08	27.05	36.76	4	0
5/18/2015	1:00:00	16.4917	16.2276	20.5643	20.8766	36.7582	4	0
5/18/2015	2:00:01	16.7662	16.5956	18.9065	17.0827	36.7582	4	0
5/18/2015	3:00:01	17.1385	18.0073	21.2543	15.7236	37.1667	4	0
5/18/2015	4:00:00	17.5052	19.048	22.5446	24.1629	37.1667	4	0
5/18/2015	5:00:00	17.8682	19.6534	21.514	27.451	37.5751	4	0
5/18/2015	6:00:01	18.1421	20.0015	22.6228	25.0154	37.5751	4	0
5/18/2015	7:00:00	18.1421	20.0015	22.6228	16.1668	37.1667	4	0
5/18/2015	8:00:00	18.61	20.8051	17.9389	20.1561	36.7582	4	0
5/18/2015	9:00:01	18.3668	20.2758	13.5969	16.7422	36.3498	4	0
5/18/2015	10:00:01	17.8821	19.4289	10.5852	7.81278	36.7582	4	0
5/18/2015	11:00:00	17.2211	18.5521	7.87418	6.18931	36.7582	4	0
5/18/2015	12:00:00	16.6676	17.4927	8.33815	11.7965	36.3498	4	0
5/18/2015	13:00:01	16.4324	16.6089	10.5622	15.5769	36.9624	4	0

5/18/2015	14:00:00	16.4324	16.6089	10.5622	17.8961	36.3498	4	0
5/18/2015	15:00:00	17.1559	16.1938	19.88	24.7816	36.7582	4	0
5/18/2015	16:00:01	17.7337	16.395	25.9423	26.7726	37.1667	4	0
5/18/2015	17:00:01	17.9877	16.3851	22.4356	25.1026	37.7793	4	0
5/18/2015	18:00:00	18.0739	16.3585	23.1571	30.1871	38.1877	4	0
5/18/2015	19:00:01	18.2529	16.3491	23.9405	21.9127	38.1877	4	0
5/18/2015	20:00:01	18.3584	16.5482	20.836	28.3321	38.5961	4	0
5/18/2015	21:00:00	18.3584	16.5482	20.836	17.3962	38.8003	4	0
5/18/2015	22:00:00	18.1227	17.637	13.6283	12.709	38.5961	4	0
5/18/2015	23:00:01	17.749	17.7259	8.83428	6.6908	38.1877	4	0
5/19/2015	0:00:01	17.23	17.70	7.61	6.70	38.60	4	0
5/19/2015	1:00:00	16.6028	17.2625	5.33461	5.11357	38.8004	4	0
5/19/2015	2:00:01	16.0018	16.3783	4.77756	0.667632	38.8004	4	0
5/19/2015	3:00:01	15.4031	15.2996	6.04943	9.12615	39.2088	4	0
5/19/2015	4:00:00	14.7004	13.6424	5.14627	5.87058	39.413	4	0
5/19/2015	5:00:00	14.0177	12.2115	4.58817	5.29668	39.0046	4	0
5/19/2015	6:00:01	13.3362	10.7607	4.85679	2.95445	39.2088	4	0
5/19/2015	7:00:00	12.654	9.2656	5.48244	5.13941	39.0046	4	0
5/19/2015	8:00:00	12.1376	7.9492	4.73357	3.55441	39.0046	4	0
5/19/2015	9:00:01	11.8296	6.34361	5.08571	5.33074	39.2088	4	0
5/19/2015	10:00:01	11.6936	5.75781	6.51264	5.84646	39.413	4	0
5/19/2015	11:00:00	11.5491	5.33783	3.73932	0.300018	39.0046	4	0
5/19/2015	12:00:00	11.5237	5.27015	6.71461	6.16775	38.5961	4	0
5/19/2015	13:00:01	11.3252	5.32565	6.09535	6.13035	39.413	4	0
5/19/2015	14:00:00	11.0108	5.46165	6.26857	7.5783	39.2088	4	0
5/19/2015	15:00:00	10.4884	5.47844	6.22341	4.12755	39.0046	4	0
5/19/2015	16:00:01	10.0524	6.23344	14.1327	11.6298	38.3919	4	0
5/19/2015	17:00:01	9.48642	6.57576	8.82157	8.99113	39.0046	4	0
5/19/2015	18:00:00	8.90525	6.8776	8.34994	6.32068	38.5961	4	0
5/19/2015	19:00:00	8.29911	7.24415	10.2659	5.68731	39.0046	4	0
5/19/2015	20:00:01	7.99807	7.99428	13.9193	17.584	39.2088	4	0
5/19/2015	21:00:01	7.95264	9.56985	24.6104	13.6138	39.413	4	0
5/19/2015	22:00:01	7.93415	10.1277	13.3258	12.0779	39.6172	4	0
5/19/2015	23:00:00	8.05552	10.7988	12.0121	7.96913	39.413	4	0
5/20/2015	0:00:01	8.20	11.17	11.27	4.78	39.62	4	0
5/20/2015	1:00:01	8.53617	11.7786	13.3952	14.3345	39.8214	4	0

5/20/2015	2:00:01	8.72668	12.0401	9.35283	14.7601	39.8214	4	0
5/20/2015	3:00:01	8.93645	12.4586	11.5752	12.1973	40.2299	4	0
5/20/2015	4:00:00	8.93252	11.7264	4.96251	7.7404	40.2299	4	0
5/20/2015	5:00:00	9.07392	11.6636	7.77008	7.67028	40.2299	4	0
5/20/2015	6:00:01	9.28612	11.8093	9.95511	12.6974	40.2298	4	0
5/20/2015	7:00:01	9.41371	11.6693	8.22762	7.23183	39.2088	4	0
5/20/2015	8:00:00	9.71437	11.4879	10.9514	11.01	39.413	4	0
5/20/2015	9:00:00	9.96374	10.3494	10.8145	11.6592	39.8214	4	0
5/20/2015	10:00:01	10.5261	10.8725	19.3067	19.4881	39.8214	4	0
5/20/2015	11:00:00	11.304	11.7046	21.795	18.6011	39.6172	4	0
5/20/2015	12:00:01	11.8621	12.4313	20.1406	16.0376	40.0256	4	0
5/20/2015	13:00:01	0	0	0	0	40.4341	1	0
5/20/2015	14:00:00	0	0	0	0	20.4212	3	0
5/20/2015	15:00:01	0	0	0	11.9268	20.4212	4	0
5/20/2015	16:00:01	0	0	0	10.7915	20.8297	4	0
5/20/2015	17:00:00	0	0	9.92877	11.1311	21.2381	4	0
5/20/2015	18:00:00	0	0	6.71069	8.83666	21.2381	4	0
5/20/2015	19:00:01	0	0	8.12235	8.29467	21.2381	4	0
5/20/2015	20:00:00	0	0	6.799	10.2055	21.2381	4	0
5/20/2015	21:00:00	0	0	6.799	5.77901	20.8297	4	0
5/20/2015	22:00:00	0	0	6.91661	4.84334	21.0339	4	0
5/20/2015	23:00:01	0	0	8.01683	7.61286	21.2381	4	0
5/21/2015	0:00:00	0.00	0.00	6.71	9.42	21.24	4	0
5/21/2015	1:00:00	0	0	6.82226	9.54323	20.8297	4	0
5/21/2015	2:00:01	0	0	6.06233	8.59165	21.4423	4	0
5/21/2015	3:00:01	0	0	7.19933	10.1618	21.8507	4	0
5/21/2015	4:00:00	0	7.38911	8.60624	6.85077	21.4423	4	0
5/21/2015	5:00:01	0	7.11602	6.619	8.72376	21.4423	4	0
5/21/2015	6:00:01	0	7.2693	8.40812	6.71962	21.2381	4	0
5/21/2015	7:00:00	0	7.0535	5.48823	4.67041	21.2381	4	0
5/21/2015	8:00:00	0	7.0285	6.31799	5.22311	20.6254	4	0
5/21/2015	9:00:01	0	7.31335	9.66045	8.09585	20.4212	4	0
5/21/2015	10:00:01	0	7.39835	7.68188	10.0305	20.6254	4	0
5/21/2015	11:00:00	0	7.48806	8.96972	10.7514	20.8297	4	0
5/21/2015	12:00:01	0	7.80424	10.4115	10.4286	20.0128	4	0
5/21/2015	13:00:01	0	8.01736	9.22898	9.41152	20.6255	4	0

5/21/2015	14:00:00	0	8.27947	9.2223	8.86933	20.4212	4	0
5/21/2015	15:00:00	0	8.69875	12.1337	11.5004	20.6255	4	0
5/21/2015	16:00:01	8.32228	9.01499	12.6684	13.3702	20.6255	4	0
5/21/2015	17:00:00	8.33927	9.33832	10.6817	12.2456	20.0128	4	0
5/21/2015	18:00:00	8.54347	9.6035	11.9582	12.279	20.6255	4	0
5/21/2015	19:00:01	8.78389	10.3642	15.6028	20.0448	21.0339	4	0
5/21/2015	20:00:01	9.2542	11.3839	19.3845	16.1412	21.8507	4	0
5/21/2015	21:00:00	9.60862	11.8731	15.8358	19.2868	21.0339	4	0
5/21/2015	22:00:00	10.0836	12.7655	18.3156	17.1556	21.4423	4	0
5/21/2015	23:00:01	10.3718	13.277	15.0744	14.2219	21.4423	4	0
5/22/2015	0:00:00	10.61	13.48	13.28	13.13	21.65	4	0
5/22/2015	1:00:00	10.9046	13.8965	14.3619	14.1893	22.0549	4	0
5/22/2015	2:00:01	11.1483	14.1692	13.0922	13.0219	22.0549	4	0
5/22/2015	3:00:01	11.421	14.3739	15.1303	16.7147	21.8507	4	0
5/22/2015	4:00:00	11.5944	14.4518	13.8914	14.2888	22.0549	4	0
5/22/2015	5:00:01	11.919	14.7846	14.1224	16.7707	22.6676	4	0
5/22/2015	6:00:01	12.3831	15.3748	17.0344	17.617	21.6465	4	0
5/22/2015	7:00:00	13.0487	15.856	20.4985	23.0752	22.0549	4	0
5/22/2015	8:00:00	13.6832	15.9622	19.0392	19.167	21.4423	4	0
5/22/2015	9:00:01	14.1959	16.4062	20.1374	22.9256	21.8507	4	0
5/22/2015	10:00:01	14.7973	16.6362	20.1352	19.8176	21.6465	4	0
5/22/2015	11:00:00	15.0731	16.6026	13.9844	10.6093	21.0339	4	0
5/22/2015	12:00:01	15.2225	16.6493	14.1849	12.2054	21.6465	4	0
5/22/2015	13:00:01	15.5438	16.7926	15.8192	17.1967	21.6465	4	0
5/22/2015	14:00:00	15.8021	16.9653	15.7017	17.2087	21.0339	4	0
5/22/2015	15:00:00	16.0738	17.2236	18.9462	20.0598	21.6465	4	0
5/22/2015	16:00:01	16.1854	17.3154	15.7805	12.571	21.8507	4	0
5/22/2015	17:00:00	16.2864	17.2062	13.6462	12.0183	21.4423	4	0
5/22/2015	18:00:00	16.3583	16.9245	14.6302	22.5431	21.8507	4	0
5/22/2015	19:00:01	17.6562	19.2941	51.8275	30.5011	22.8718	4	0
5/22/2015	20:00:01	17.8858	19.8978	27.8689	23.9317	23.6886	4	0
5/22/2015	21:00:00	18.1515	20.1579	23.9778	24.3421	23.076	4	0
5/22/2015	22:00:00	18.2258	20.217	20.8582	15.8699	22.8718	4	0
5/22/2015	23:00:01	18.3714	20.6357	18.8406	20.7832	23.076	4	0
5/23/2015	0:00:00	18.56	21.01	18.88	21.78	23.08	4	0
5/23/2015	1:00:00	18.7927	21.3992	20.1201	19.8446	23.4844	4	0

5/23/2015	2:00:01	19.2005	22.0533	23.2015	20.9857	23.8928	4	0
5/23/2015	3:00:01	19.3679	22.1716	20.3112	20.4443	23.6886	4	0
5/23/2015	4:00:01	19.5731	22.4812	18.9815	19.755	24.3013	4	0
5/23/2015	5:00:00	19.7824	22.9596	18.5586	15.2475	24.3013	4	0
5/23/2015	6:00:01	19.7913	23.1163	14.4888	21.4226	24.5055	4	0
5/23/2015	7:00:01	19.763	20.39	16.8012	19.5633	24.3013	4	0
5/23/2015	8:00:00	19.7496	19.4897	15.6306	19.7308	24.0971	4	0
5/23/2015	9:00:00	19.8874	19.2407	19.4824	21.7293	23.6886	4	0
5/23/2015	10:00:01	20.2786	19.7347	25.3849	25.0602	23.4844	4	0
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5/23/2015	12:00:00	21.0511	20.2464	18.5551	15.5111	23.2802	4	0
5/23/2015	13:00:01	21.1417	19.9299	16.4281	17.0605	23.6886	4	0
5/23/2015	14:00:01	21.237	19.3577	16.9012	17.0225	23.076	4	0
5/23/2015	15:00:00	21.1621	19.0223	17.3067	20.8241	23.076	4	0
5/23/2015	16:00:00	21.2575	18.9312	19.2773	21.3072	23.6886	4	0
5/23/2015	17:00:00	21.528	19.06	21.4506	23.9081	24.0971	4	0
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5/23/2015	20:00:01	20.2426	20.6992	26.8464	28.3691	25.1181	4	0
5/23/2015	21:00:00	20.926	22.5808	43.3705	56.6265	25.935	4	0
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5/24/2015	0:00:00	24.01	28.17	37.03	38.05	26.75	4	0
5/24/2015	1:00:00	24.4973	29.5688	33.8005	36.7182	27.7729	4	0
5/24/2015	2:00:01	25.2308	31.6726	42.4292	42.061	27.3645	4	0
5/24/2015	3:00:01	26.5013	34.5211	50.6437	35.5484	27.9771	4	0
5/24/2015	4:00:00	26.5689	34.831	25.4348	19.9302	27.9771	4	0
5/24/2015	5:00:01	26.4137	34.3148	13.6777	14.3839	28.3855	4	0
5/24/2015	6:00:01	26.4759	33.9787	17.2411	14.8088	28.9982	4	0
5/24/2015	7:00:00	26.5038	33.5395	13.5835	5.00743	28.3855	4	0
5/24/2015	8:00:00	26.3802	32.3418	10.9963	13.3806	28.1813	4	0
5/24/2015	9:00:01	26.4291	30.3567	17.307	18.2034	27.5687	4	0
5/24/2015	10:00:01	26.4188	28.0666	22.6406	19.5919	27.9771	4	0
5/24/2015	11:00:01	26.4582	25.9564	21.8467	20.1908	28.1813	4	0
5/24/2015	12:00:01	27.0675	25.2123	25.1305	23.3339	27.3645	4	0
5/24/2015	13:00:00	27.2593	24.0378	20.4951	24.0326	27.3645	4	0

5/24/2015	14:00:00	27.442	22.4477	26.8772	18.3555	27.7729	4	0
5/24/2015	15:00:01	27.5949	19.6277	16.6768	15.7759	27.3645	4	0
5/24/2015	16:00:00	27.5288	18.7813	15.5489	16.4916	26.956	4	0
5/24/2015	17:00:00	27.3599	19.0414	17.1301	15.8318	26.956	4	0
5/24/2015	18:00:00	27.4397	19.2674	19.4186	21.4903	26.1392	4	0
5/24/2015	19:00:01	27.3065	19.7932	20.975	23.5326	26.3434	4	0
5/24/2015	20:00:00	27.0349	20.6994	22.8787	26.2728	26.5476	4	0
5/24/2015	21:00:00	26.1449	21.2418	24.9433	25.2969	26.956	4	0
5/24/2015	22:00:01	24.9718	21.3504	24.371	25.3394	26.956	4	0
5/24/2015	23:00:01	23.8829	21.5091	24.0629	24.5669	27.3645	4	0
5/25/2015	0:00:00	23.22	21.30	22.97	24.94	27.36	4	0
5/25/2015	1:00:01	22.6463	21.3972	22.0983	25.922	27.3645	4	0
5/25/2015	2:00:01	21.2396	20.0894	12.4458	11.5926	27.7729	4	0
5/25/2015	3:00:00	19.3059	19.1666	5.61446	12.0586	27.3645	4	0
5/25/2015	4:00:00	18.564	18.5556	7.77096	9.3189	27.3645	4	0
5/25/2015	5:00:01	18.3333	17.8498	8.47487	8.51636	27.5687	4	0
5/25/2015	6:00:01	18.0303	17.1219	10.2911	10.2574	27.7729	4	0
5/25/2015	7:00:00	17.9072	16.2942	10.6228	8.44122	27.1602	4	0
5/25/2015	8:00:01	17.7085	15.0092	7.74239	7.35982	27.5687	4	0
5/25/2015	9:00:01	17.3499	13.655	8.14876	8.00099	27.1603	4	0
5/25/2015	10:00:00	16.6608	12.1732	6.38913	3.42393	27.7729	4	0
5/25/2015	11:00:00	16.0745	10.7987	7.15023	4.05866	27.5687	4	0
5/25/2015	12:00:01	15.4942	9.65555	8.48476	8.46488	26.956	4	0
5/25/2015	13:00:00	15.0069	8.45645	7.52829	13.4322	27.1603	4	0
5/25/2015	14:00:00	14.1615	7.97769	6.83294	9.14194	26.3434	4	0
5/25/2015	15:00:01	13.86	8.28489	9.29515	12.5715	26.3434	4	0
5/25/2015	16:00:01	13.6288	8.42926	9.43795	8.61511	26.7518	4	0
5/25/2015	17:00:00	13.3284	8.52695	9.66958	10.7258	26.3434	4	0
5/25/2015	18:00:00	12.781	8.18702	6.38119	5.32138	26.5476	4	0
5/25/2015	19:00:01	12.1378	7.83243	6.81683	6.43725	26.5476	4	0
5/25/2015	20:00:00	11.5009	7.88702	8.79961	4.61109	27.1603	4	0
5/25/2015	21:00:00	10.9523	8.22632	12.4908	12.4632	27.3645	4	0
5/25/2015	22:00:01	10.3992	8.57866	10.4715	10.3711	27.7729	4	0
5/25/2015	23:00:01	9.92626	9.04907	12.9507	13.3158	27.3645	4	0
5/25/2015	0:00:00	9.46	9.35	12.39	8.42	27.77	4	0
5/26/2015	1:00:01	9.05449	9.74818	12.2547	12.5011	27.5687	4	0

5/26/2015	2:00:01	9.07684	10.2738	13.2296	12.2624	27.5687	4	0
5/26/2015	3:00:00	9.38727	10.6069	13.3049	9.56024	28.5897	4	0
5/26/2015	4:00:00	9.58962	10.8836	12.6125	14.3747	28.1813	4	0
5/26/2015	5:00:01	9.78477	11.1629	12.4832	15.5918	27.9771	4	0
5/26/2015	6:00:01	9.91038	11.7362	13.0496	13.1754	27.9771	4	0
5/26/2015	7:00:00	9.90269	12.0242	9.87271	10.496	27.9771	4	0
5/26/2015	8:00:01	9.96137	12.0463	8.80838	9.16707	27.7729	4	0
5/26/2015	9:00:01	9.95413	11.6621	7.74799	9.16307	27.3645	4	0
5/26/2015	10:00:00	10.1021	11.6286	10.247	15.4265	28.1813	4	0
5/26/2015	11:00:00	10.3204	11.6115	13.2308	13.2032	27.7729	4	0
5/26/2015	12:00:01	10.2835	11.1626	6.38842	7.36289	28.1813	4	0
5/26/2015	13:00:00	10.3495	10.8389	7.77963	7.04315	27.3645	4	0
5/26/2015	14:00:00	10.438	10.463	8.87078	13.68	27.7729	4	0
5/26/2015	15:00:01	10.4521	10.2254	11.5562	20.6705	28.1813	4	0
5/26/2015	16:00:01	10.315	9.62675	5.09655	4.9266	27.9771	4	0
5/26/2015	17:00:01	10.2114	9.13211	6.32694	6.47618	26.956	4	0
5/26/2015	18:00:00	10.174	8.51273	5.9362	10.2051	28.3855	4	0
5/26/2015	19:00:00	10.0973	8.15496	5.99621	7.31103	27.7729	4	0
5/26/2015	20:00:01	10.1087	8.20532	9.59163	7.82471	27.9771	4	0
5/26/2015	21:00:00	10.0891	8.57961	12.3308	20.7804	28.5897	4	0
5/26/2015	22:00:00	10.036	8.51119	9.52124	14.3599	28.1813	4	0
5/26/2015	23:00:01	9.95801	8.32509	10.9408	11.3465	28.1813	4	0
5/27/2015	0:00:01	9.83338	8.6038	9.8934	10.8041	28.5897	4	0
5/27/2015	1:00:00	9.74979	8.7942	9.80304	13.2928	28.3855	4	0
5/27/2015	2:00:01	9.70288	9.10546	12.7831	18.5881	28.5897	4	0
5/27/2015	3:00:01	9.63293	9.11826	11.6228	12.4994	28.1813	4	0
5/27/2015	4:00:01	9.68142	9.84572	13.8177	13.4517	28.9982	4	0
5/27/2015	5:00:00	9.71297	10.4428	13.6803	17.0028	28.7939	4	0
5/27/2015	6:00:01	9.74521	11.0878	13.4718	14.8946	28.9982	4	0
5/27/2015	7:00:01	9.97948	11.8537	14.7359	12.0892	28.5897	4	0
5/27/2015	8:00:00	10.1588	12.1272	12.475	14.5542	28.3855	4	0
5/27/2015	9:00:00	10.3216	12.0646	11.5061	13.3551	28.5897	4	0
5/27/2015	10:00:01	10.4238	12.3005	11.9139	14.3865	27.9771	4	0
5/27/2015	11:00:00	10.467	12.5825	14.4815	18.601	28.1813	4	0
5/27/2015	12:00:00	10.5765	12.4887	8.53696	6.16939	28.1813	4	0
5/27/2015	13:00:01	10.5936	12.3175	7.28439	10.6845	28.1813	4	0

5/27/2015	14:00:01	10.494	11.7721	6.34874	3.86166	28.3855	4	0
5/27/2015	15:00:00	10.2607	11.3007	6.25654	7.08743	28.1813	4	0
5/27/2015	16:00:00	10.3504	10.7366	7.21519	6.95074	28.3855	4	0
5/27/2015	17:00:01	10.364	10.1253	6.49999	4.40423	27.7729	4	0
5/27/2015	18:00:00	10.4211	9.62103	7.87283	7.31455	28.3855	4	0
5/27/2015	19:00:00	10.5593	9.1924	9.99457	9.98494	28.7939	4	0
5/27/2015	20:00:01	10.5647	9.06832	11.7938	16.5968	28.9982	4	0
5/27/2015	21:00:01	10.6007	9.27497	14.395	13.9698	29.6108	4	0
5/27/2015	22:00:00	10.8466	9.64206	16.6361	17.5262	29.6108	4	0
5/27/2015	23:00:01	11.0944	9.87166	17.0744	18.6355	29.815	4	0
5/28/2015	0:00:01	11.3901	10.5954	17.1949	13.5206	30.2234	4	0
5/28/2015	1:00:00	11.5895	11.2224	14.8332	19.8985	29.815	4	0
5/28/2015	2:00:00	11.786	12.1632	17.7174	20.3044	30.2234	4	0
5/28/2015	3:00:01	12.1068	13.2379	18.9186	16.9526	30.4276	4	0
5/28/2015	4:00:01	12.1546	13.8757	14.6821	15.1392	30.4276	4	0
5/28/2015	5:00:00	12.2794	14.7194	16.5055	22.228	30.2234	4	0
5/28/2015	6:00:01	12.9357	16.4481	27.4352	54.8246	30.4276	4	0
5/28/2015	7:00:01	13.4149	17.7076	22.5803	27.643	30.0192	4	0
5/28/2015	8:00:00	13.7861	18.4748	20.2781	15.3093	29.6108	4	0
5/28/2015	9:00:00	13.9412	18.465	12.6295	15.2109	28.9982	4	0
5/28/2015	10:00:01	13.9553	18.055	11.8217	12.1777	29.4066	4	0
5/28/2015	11:00:00	13.9686	17.8086	14.0765	23.9306	28.9982	4	0
5/28/2015	12:00:00	14.2581	17.6054	14.9648	19.6808	28.7939	4	0
5/28/2015	13:00:01	14.6701	17.7368	16.5183	17.33	29.2024	4	0
5/28/2015	14:00:01	15.1199	17.5935	16.0865	16.4101	28.9982	4	0
5/28/2015	15:00:00	15.446	17.1166	13.8995	14.6773	28.7939	4	0
5/28/2015	16:00:00	15.7887	17.0995	14.6306	13.9244	28.794	4	0
5/28/2015	17:00:00	16.0289	16.7247	13.2245	12.5576	29.815	4	0
5/28/2015	18:00:01	16.4028	15.7977	17.8057	18.1824	29.6108	4	0
5/28/2015	19:00:00	16.6259	15.2907	18.1545	14.8955	29.4066	4	0
5/28/2015	20:00:00	16.6432	14.7079	14.2968	16.3498	30.6319	4	0
5/28/2015	21:00:01	16.5879	14.8178	14.3599	17.2401	30.6319	4	0
5/28/2015	22:00:01	16.4532	14.9892	13.861	13.4348	30.8361	4	0
5/28/2015	23:00:00	16.6007	15.6197	21.9214	25.2104	31.0403	4	0
5/29/2015	0:00:01	16.6598	16.0456	20.6134	25.4737	31.6529	4	0
5/29/2015	1:00:01	17.074	16.7353	23.9939	26.3947	30.6319	4	0

5/29/2015	2:00:00	17.2676	17.2949	22.2186	22.08	31.2445	4	0
5/29/2015	3:00:01	17.188	17.6171	17.5615	21.3561	31.0403	4	0
5/29/2015	4:00:01	17.5829	18.4603	24.3812	32.6869	31.2445	4	0
5/29/2015	5:00:01	17.9237	19.4903	25.6486	23.6483	31.2445	4	0
5/29/2015	6:00:00	18.1133	20.68	30.9125	35.7657	31.2445	4	0
5/29/2015	7:00:01	18.5766	21.8861	30.6255	29.5874	30.8361	4	0
5/29/2015	8:00:01	18.6141	22.4617	21.0778	18.7727	30.6319	4	0
5/29/2015	9:00:00	18.8669	22.8223	18.8951	16.377	31.0403	4	0
5/29/2015	10:00:00	19.1225	23.1175	16.7812	14.1411	31.0403	4	0
5/29/2015	11:00:01	19.125	22.3965	12.7118	7.3616	30.8361	4	0
5/29/2015	12:00:00	19.0296	21.6176	10.3568	14.5747	30.2234	4	0
5/29/2015	13:00:01	18.9214	20.6992	13.0143	13.3439	30.4276	4	0
5/29/2015	14:08:24	0	0	0	0	20.0128	1	0
5/29/2015	15:00:01	0	0	0	0	20.0128	3	0
5/29/2015	16:00:00	0	0	0	3.63573	19.8086	4	0
5/29/2015	17:00:00	0	0	0	8.0257	19.8086	4	0
5/29/2015	18:00:01	0	0	8.8667	11.8643	20.4212	4	0
5/29/2015	19:00:01	0	0	10.0586	10.4856	20.6255	4	0
5/29/2015	20:00:01	0	0	10.8145	12.2503	20.217	4	0
5/29/2015	21:00:00	0	0	14.255	12.3256	21.0339	4	0
5/29/2015	22:00:00	0	0	10.2807	12.3734	21.2381	4	0
5/29/2015	23:00:01	0	0	10.2148	12.962	21.0339	4	0
5/30/2015	0:00:01	0	0	11.7178	16.3339	21.0339	4	0
5/30/2015	1:00:00	0	0	13.4828	17.5011	21.0339	4	0
5/30/2015	2:00:01	0	0	14.5987	15.4054	21.4423	4	0
5/30/2015	3:00:01	0	0	13.9854	17.6899	21.8507	4	0
5/30/2015	4:00:00	0	0	12.4624	13.2347	21.2381	4	0
5/30/2015	5:00:00	0	11.9175	13.2107	14.4324	21.4423	4	0
5/30/2015	6:00:01	0	11.7732	7.26819	7.72057	21.6465	4	0
5/30/2015	7:00:01	0	11.6047	7.67107	9.54557	21.6465	4	0
5/30/2015	8:00:00	0	11.3549	7.60528	9.29016	21.6465	4	0
5/30/2015	9:00:01	0	10.896	8.41351	8.90357	21.6465	4	0
5/30/2015	10:00:01	0	10.7929	8.86434	8.49824	21.2381	4	0
5/30/2015	11:00:00	0	10.5818	7.70688	7.03742	20.8297	4	0
5/30/2015	12:00:00	0	10.3197	8.42041	10.4715	21.4423	4	0
5/30/2015	13:00:01	0	9.82753	7.49833	7.20678	21.4423	4	0

5/30/2015	14:00:00	0	9.49266	12.3389	14.7535	22.6676	4	0
5/30/2015	15:00:00	0	9.13111	9.76837	6.01883	22.2592	4	0
5/30/2015	16:00:01	0	8.62241	6.32769	5.23161	22.0549	4	0
5/30/2015	17:00:00	9.88204	8.10844	6.75578	5.39707	22.0549	4	0
5/30/2015	18:00:00	9.76448	8.00585	6.03663	6.20357	22.6676	4	0
5/30/2015	19:00:01	9.64509	7.95664	7.01212	8.35368	22.0549	4	0
5/30/2015	20:00:01	9.46942	7.8587	6.32734	6.91459	22.4634	4	0
5/30/2015	21:00:00	9.32589	8.04734	10.5868	6.59274	22.2592	4	0
5/30/2015	22:00:00	9.25204	8.02929	8.56192	7.16855	22.2591	4	0
5/30/2015	23:00:01	9.05328	7.84883	5.49644	4.74526	22.4634	4	0
5/31/2015	0:00:00	8.83318	7.65976	5.83784	6.42239	22.2592	4	0
5/31/2015	1:00:00	8.49546	7.48559	5.41224	2.93958	22.6676	4	0
5/31/2015	2:00:00	8.14822	6.95429	5.77535	8.10521	22.4634	4	0
5/31/2015	3:00:00	7.83813	6.66618	6.27156	6.27408	22.8718	4	0
5/31/2015	4:00:01	7.54894	6.5674	5.09625	8.30233	23.076	4	0
5/31/2015	5:00:01	7.24173	6.46325	5.4892	5.72979	22.8718	4	0
5/31/2015	6:00:00	7.27526	6.60874	7.63702	10.1848	22.8718	4	0
5/31/2015	7:00:00	7.26029	6.60748	6.84285	5.65079	22.2591	4	0
5/31/2015	8:00:01	7.34544	6.85625	9.16429	9.14876	23.2802	4	0
5/31/2015	9:00:01	7.37273	6.70343	8.65088	6.34349	22.8718	4	0
5/31/2015	10:00:00	7.48065	6.90732	10.884	13.7219	22.8718	4	0
5/31/2015	11:00:01	7.61795	7.3307	10.4147	11.8731	22.4634	4	0
5/31/2015	12:00:01	7.67659	7.64798	9.69631	10.3814	22.6676	4	0
5/31/2015	13:00:00	7.79681	8.03103	9.85798	8.80204	22.4634	4	0
5/31/2015	14:00:00	7.75276	8.47739	11.1259	14.6858	22.4634	4	0
5/31/2015	15:00:01	7.79693	8.8394	10.477	8.72752	22.2591	4	0
5/31/2015	16:00:00	7.92661	9.19936	9.46912	8.68583	22.6676	4	0
5/31/2015	17:00:00	8.05706	9.57378	10.2644	9.30128	22.8718	4	0
5/31/2015	18:00:00	8.21238	9.75354	10.0547	12.0734	22.8718	4	0
5/31/2015	19:00:01	8.36649	10.0865	11.1757	13.3009	22.6676	4	0
5/31/2015	20:00:00	8.5966	10.306	11.8265	11.8289	22.6676	4	0
5/31/2015	21:00:00	8.55672	10.3942	9.88221	6.3459	22.4634	4	0
5/31/2015	22:00:01	8.55579	10.2083	8.81018	8.34052	22.4634	4	0
5/31/2015	23:00:01	8.67529	10.0481	8.56897	9.85687	22.8718	4	0
6/1/2015	0:00:00	8.67529	10.0481	8.56897	10.1571	22.6676	4	0
6/1/2015	1:00:01	8.93121	9.87715	8.57549	9.21487	23.076	4	0

6/1/2015	2:00:01	8.98889	9.5687	7.52576	7.32142	23.2802	4	0
6/1/2015	3:00:00	9.02068	9.29084	6.98816	7.98579	23.076	4	0
6/1/2015	4:00:01	9.14367	9.18592	8.15483	5.91147	23.076	4	0
6/1/2015	5:00:01	9.22009	8.96363	7.64005	8.34022	23.076	4	0
6/1/2015	6:00:01	9.1779	8.68772	6.66318	8.52462	23.076	4	0
6/1/2015	7:00:00	9.34807	8.64652	10.3747	9.42705	22.8718	4	0
6/1/2015	8:00:01	9.48483	8.66607	11.709	11.1502	23.4844	4	0
6/1/2015	9:00:00	9.76178	9.08383	14.6126	12.7989	23.076	4	0
6/1/2015	10:00:01	9.82557	9.33824	11.4783	12.0812	22.4634	4	0
6/1/2015	11:00:01	9.85009	9.49917	10.193	11.8441	22.8718	4	0
6/1/2015	12:00:00	10.0656	9.99542	14.7869	19.4164	22.8718	4	0
6/1/2015	13:00:00	10.2368	10.4313	13.8158	12.1618	22.6676	4	0
6/1/2015	14:00:01	10.2802	10.7904	11.6161	14.5457	22.8718	4	0
6/1/2015	15:00:00	10.5218	11.5336	15.6164	16.3303	22.6676	4	0
6/1/2015	16:00:00	10.9354	12.465	19.5093	14.6688	23.2802	4	0
6/1/2015	17:00:01	11.0779	12.9823	14.2808	13.2791	22.6676	4	0
6/1/2015	18:00:01	11.1287	13.3773	11.6985	11.3224	23.076	4	0
6/1/2015	19:00:00	11.0773	13.397	11.9851	12.1973	23.6886	4	0
6/1/2015	20:00:00	11.0666	13.4265	13.0213	13.3381	23.6886	4	0
6/1/2015	21:00:01	11.1844	13.3055	13.8426	16.3647	23.6886	4	0
6/1/2015	22:00:00	11.3877	13.537	14.8698	16.4943	24.0971	4	0
6/1/2015	23:00:00	11.3722	13.3988	8.67282	5.97509	24.0971	4	0
6/2/2015	0:00:01	11.2595	12.7189	6.70057	8.69625	24.5055	4	0
6/2/2015	1:00:01	11.1845	12.1937	7.75197	10.7506	24.3013	4	0
6/2/2015	2:00:00	11.3088	12.1483	11.0492	9.30085	24.3013	4	0
6/2/2015	3:00:01	11.3563	11.5964	8.75806	6.7806	24.9139	4	0
6/2/2015	4:00:01	11.4611	10.9203	10.5844	11.2152	24.7097	4	0
6/2/2015	5:00:01	11.6947	10.8511	12.7319	13.5947	24.5055	4	0
6/2/2015	6:00:00	12.1076	11.1986	14.7423	13.1255	24.9139	4	0
6/2/2015	7:00:01	12.2853	11.3035	11.8567	13.7598	24.5055	4	0
6/2/2015	8:00:01	12.6161	11.7476	17.3104	14.9994	24.3013	4	0
6/2/2015	9:00:00	12.7696	12.0474	16.9448	14.3506	24.3013	4	0
6/2/2015	10:00:00	12.7452	11.6271	9.48355	7.86382	24.0971	4	0
6/2/2015	11:00:01	12.78	11.7759	10.3119	6.50507	24.3013	4	0
6/2/2015	12:00:00	12.4994	11.8721	7.85366	8.23607	23.8928	4	0
6/2/2015	13:00:00	12.4125	12.1347	10.4899	11.1802	23.8928	4	0

6/2/2015	14:00:01	12.3553	12.0499	10.609	9.66105	24.3013	4	0
6/2/2015	15:00:01	12.1334	12.1245	9.62585	10.5103	23.8928	4	0
6/2/2015	16:00:00	11.737	12.039	9.89572	11.093	23.8928	4	0
6/2/2015	17:00:00	11.5809	11.8262	10.8669	8.7522	24.3013	4	0
6/2/2015	18:00:01	11.5465	11.4796	11.3686	10.8112	24.5055	4	0
6/2/2015	19:00:00	11.5247	11.5064	13.2489	13.9432	24.5055	4	0
6/2/2015	20:00:00	11.4575	11.0756	13.0096	16.2508	25.3223	4	0
6/2/2015	21:00:01	11.4858	10.9334	15.6965	18.7596	25.3223	4	0
6/2/2015	22:00:01	11.4174	11.2741	13.5409	13.6051	25.1181	4	0
6/2/2015	23:00:00	11.7167	11.7959	16.9248	20.9671	25.7308	4	0
6/3/2015	0:00:01	12.139	12.5846	17.5352	17.0602	26.1392	4	0
6/3/2015	1:00:01	12.5061	13.1439	17.322	18.1836	26.3434	4	0
6/3/2015	2:00:00	12.6652	13.5413	15.2583	15.6023	26.3434	4	0
6/3/2015	3:00:00	12.9172	14.0438	15.97	15.4028	26.3434	4	0
6/3/2015	4:00:01	13.1014	14.4969	14.9258	15.4363	26.3434	4	0
6/3/2015	5:00:01	13.2027	14.9001	15.4613	14.8329	26.7518	4	0
6/3/2015	6:00:01	13.3021	15.3772	16.131	19.1457	26.7518	4	0
6/3/2015	7:00:01	13.4326	15.4515	12.3516	14.2008	26.1392	4	0
6/3/2015	8:00:00	13.3949	15.684	14.6928	15.7951	26.1392	4	0
6/3/2015	9:00:00	13.4039	15.7599	15.9189	16.7464	25.935	4	0
6/3/2015	10:00:01	13.7363	16.0147	15.6892	14.5074	25.5266	4	0
6/3/2015	11:00:00	13.7363	16.0147	15.6892	19.0611	25.7308	4	0
6/3/2015	12:00:00	14.5359	16.1527	19.6096	18.8617	25.935	4	0
6/3/2015	13:00:01	15.0535	16.5352	21.8727	20.0326	26.3434	4	0
6/3/2015	14:00:01	15.6089	17.2357	24.371	26.9736	25.7308	4	0
6/3/2015	15:00:00	16.3673	18.1194	26.3756	27.3039	26.3434	4	0
6/3/2015	16:00:01	16.8392	18.6071	21.4714	23.4569	26.3434	4	0
6/3/2015	17:00:00	17.3562	19.216	23.4228	23.4984	26.1392	4	0
6/3/2015	18:00:00	17.5997	19.2933	18.0212	19.8384	26.3434	4	0
6/3/2015	19:00:01	17.6604	19.5654	17.1123	18.6991	26.7518	4	0
6/3/2015	20:00:01	17.9462	20.0756	22.141	28.0505	26.956	4	0
6/3/2015	21:00:00	18.3444	20.944	27.529	32.6603	27.7729	4	0
6/3/2015	22:00:01	18.7273	21.6528	25.6728	31.5636	28.3855	4	0
6/3/2015	23:00:01	18.9257	22.0928	21.5753	23.1905	27.9771	4	0
6/4/2015	0:00:01	19.1384	22.381	22.5781	25.3225	28.3855	4	0
6/4/2015	1:00:00	19.2664	22.3427	21.4063	22.6254	29.2024	4	0

6/4/2015	2:00:00	19.5222	22.1364	21.0904	22.8259	28.3855	4	0
6/4/2015	3:00:01	19.7951	21.9156	23.3791	24.5193	28.9982	4	0
6/4/2015	4:00:01	20.0916	22.0127	21.9036	23.6243	28.9982	4	0
6/4/2015	5:00:00	20.306	21.8718	21.4929	19.0768	29.4066	4	0
6/4/2015	6:00:01	20.5121	22.1461	20.4977	23.6401	29.2024	4	0
6/4/2015	7:00:00	0	0	0	0	28.9982	1	0
6/4/2015	8:00:01	0	0	0	0	28.5897	3	0
6/4/2015	9:00:00	0	0	0	24.5748	28.5897	4	0
6/4/2015	14:00:00	0	0	0	0	28.3855	3	0
6/4/2015	15:00:00	0	0	0	0	27.9771	3	0
6/4/2015	16:00:00	0	0	0	14.0418	28.3855	4	0
6/4/2015	17:00:01	0	0	0	16.0074	28.1813	4	0
6/4/2015	18:00:01	0	0	17.3051	23.3888	28.3855	4	0
6/4/2015	19:00:00	0	0	15.7028	17.04	27.9771	4	0
6/4/2015	20:00:01	0	0	21.4234	26.479	28.7939	4	0
6/4/2015	21:00:01	0	0	24.5058	23.0664	29.6108	4	0
6/4/2015	22:00:00	0	0	21.3339	19.0775	29.6108	4	0
6/4/2015	23:00:00	0	0	20.6031	19.542	29.4066	4	0
6/5/2015	0:00:00	0	0	20.6031	22.8567	30.2234	4	0
6/5/2015	1:00:00	0	0	25.5671	26.2677	30.4276	4	0
6/5/2015	2:00:00	0	0	34.0794	29.5652	30.2234	4	0
6/5/2015	3:00:01	0	0	22.118	27.2572	30.0192	4	0
6/5/2015	4:00:01	0	0	21.0706	23.0914	30.4276	4	0
6/5/2015	5:00:00	0	22.1942	21.4665	25.0875	30.6319	4	0
6/5/2015	6:00:00	0	23.1813	27.9522	22.6472	30.6319	4	0
6/5/2015	7:00:01	0	24.5009	30.5161	21.6456	30.8361	4	0
6/5/2015	8:00:01	0	24.8325	24.5255	24.9534	30.0192	4	0
6/5/2015	9:00:01	0	25.7738	35.1525	29.9259	30.2234	4	0
6/5/2015	10:00:00	0	26.9928	36.0181	30.9376	30.0192	4	0
6/5/2015	11:00:00	0	30.8068	66.5477	14.3477	30.2234	4	0
6/5/2015	12:00:00	0	30.4311	17.1734	23.3345	30.0192	4	0
6/5/2015	13:00:00	0	31.6589	39.3728	56.7819	29.815	4	0
6/5/2015	14:00:01	0	31.58	33.3527	28.7427	29.815	4	0
6/5/2015	15:00:01	0	35.0625	65.4447	129.36	29.815	4	0
6/5/2015	16:00:01	0	38.4644	63.1998	29.1718	30.2234	4	0
6/5/2015	17:00:00	30.6262	38.7452	24.7605	21.1724	30.6319	4	0

6/5/2015	18:00:00	30.5338	37.7858	19.8779	20.1478	30.6319	4	0
6/5/2015	19:00:01	30.3796	36.3391	15.4542	18.331	31.2445	4	0
6/5/2015	20:00:01	30.0887	35.5849	17.0218	17.1231	32.0613	4	0
6/5/2015	21:00:00	29.428	33.5991	14.296	12.106	32.4698	4	0
6/5/2015	22:00:00	28.9063	31.4059	9.63546	12.8361	31.8571	4	0
6/5/2015	23:00:00	28.3021	26.5578	7.75344	6.94981	32.2656	4	0
6/6/2015	0:00:01	27.654	25.8734	9.35858	10.9068	32.2656	4	0
6/6/2015	1:00:01	27.0771	23.6728	11.6955	11.4101	32.2656	4	0
6/6/2015	2:00:00	26.0892	21.8084	9.8599	10.4171	32.674	4	0
6/6/2015	3:00:01	25.5698	17.3494	9.66647	10.2835	32.2656	4	0
6/6/2015	4:00:00	25.0868	13.1291	10.7096	11.0695	32.674	4	0
6/6/2015	5:00:00	24.701	12.0215	10.2956	9.6322	31.8571	4	0
6/6/2015	6:00:00	24.1916	11.4873	12.4653	23.6546	32.2656	4	0
6/6/2015	7:00:01	23.6954	11.4081	13.4088	17.9942	32.2656	4	0
6/6/2015	8:00:01	23.5413	11.4644	16.9735	21.0232	31.8571	4	0
6/6/2015	9:00:00	23.029	11.9849	20.2241	24.856	31.6529	4	0
6/6/2015	10:00:00	22.5261	12.9834	21.1593	18.4872	31.2445	4	0
6/6/2015	11:00:00	20.5974	13.9622	19.4089	21.1617	30.8361	4	0
6/6/2015	12:00:01	20.771	14.8167	19.179	21.7238	31.0403	4	0
6/6/2015	13:00:01	20.07	15.602	20.9693	26.3102	31.4487	4	0
6/6/2015	14:00:00	19.7178	16.739	23.149	20.1621	30.6319	4	0
6/6/2015	15:00:00	17.8417	17.6396	20.7644	15.063	31.2445	4	0
6/6/2015	16:00:01	15.9466	18.2061	17.3887	12.1401	30.8361	4	0
6/6/2015	17:00:01	15.4083	18.3751	13.6296	17.6453	31.6529	4	0
6/6/2015	18:00:01	15.223	18.6294	16.2833	16.0754	31.6529	4	0
6/6/2015	19:00:00	15.3931	19.1593	20.5955	29.7558	31.6529	4	0
6/6/2015	20:00:00	15.7598	19.9633	28.243	25.7672	32.4698	4	0
6/6/2015	21:00:01	16.1167	20.2281	24.1883	30.3029	32.2656	4	0
6/6/2015	22:00:01	16.6667	20.4402	24.713	26.5678	33.6951	4	0
6/6/2015	23:00:00	17.3928	20.9466	25.3729	25.3939	33.695	4	0
6/7/2015	0:00:00	17.8723	21.1275	21.2154	20.0381	33.4908	4	0
6/7/2015	1:00:01	18.2768	21.2109	21.6306	19.6409	33.4908	4	0
6/7/2015	2:00:01	18.7061	20.9976	19.813	20.672	33.2866	4	0
6/7/2015	3:00:00	19.1611	20.9276	18.065	20.6824	33.2866	4	0
6/7/2015	4:00:00	19.5689	21.2036	20.0302	23.6118	33.6951	4	0
6/7/2015	5:00:01	19.9839	21.7571	19.7227	21.38	33.695	4	0

6/7/2015	6:00:00	20.4124	22.2933	22.1161	24.509	33.0824	4	0
6/7/2015	7:00:00	20.9878	23.0063	30.9091	31.108	33.8993	4	0
6/7/2015	8:00:01	21.1931	22.4725	21.4531	17.0626	33.8993	4	0
6/7/2015	9:00:01	21.0582	21.7462	13.897	12.6435	33.8993	4	0
6/7/2015	10:00:00	20.8008	20.9317	15.4097	17.6077	34.1035	4	0
6/7/2015	11:00:00	20.7274	20.1097	14.1594	11.8627	33.0824	4	0
6/7/2015	12:00:01	20.5923	19.5437	13.8445	16.5656	32.674	4	0
6/7/2015	13:00:01	20.441	19.1324	17.0308	21.1726	32.2656	4	0
6/7/2015	14:00:01	20.4678	19.2417	19.7923	14.1656	32.2656	4	0
6/7/2015	15:00:00	20.0594	18.8554	16.0744	9.18575	32.0614	4	0
6/7/2015	16:00:00	19.5001	17.4464	2.98843	1.73543	32.674	4	0
6/7/2015	17:00:01	19.4819	16.8762	13.1072	9.5437	32.2656	4	0
6/7/2015	18:00:01	19.4729	16.3308	15.6612	15.6993	31.8571	4	0
6/7/2015	19:00:01	19.0935	14.8115	14.2728	7.94568	32.4698	4	0
6/7/2015	20:00:00	18.0991	13.5029	6.75535	17.0143	32.8782	4	0
6/7/2015	21:00:00	17.3434	12.8206	5.46621	0.208677	32.2656	4	0
6/7/2015	22:00:01	16.4268	11.8244	3.73331	-0.240863	32.4698	4	0
6/7/2015	23:00:01	15.4662	10.9216	3.54374	-7.28543	32.674	4	0
6/8/2015	0:00:00	14.835	10.34	6.90504	2.2575	33.0824	4	0
6/8/2015	1:00:00	14.1142	9.34797	5.05263	1.98519	33.2866	4	0
6/8/2015	2:00:00	13.5926	8.3555	7.4385	5.9111	32.4698	4	0
6/8/2015	3:00:01	13.2317	7.81837	9.4465	8.14817	32.4698	4	0
6/8/2015	4:00:01	12.8151	8.42022	10.2526	11.6456	32.8782	4	0
6/8/2015	5:00:00	12.4712	8.29485	11.4184	16.3739	32.4698	4	0
6/8/2015	6:00:00	12.1182	8.12485	13.3229	13.3984	32.674	4	0
6/8/2015	7:00:01	11.4163	8.11187	13.9017	16.5948	32.674	4	0
6/8/2015	8:00:01	11.2277	8.90445	15.8747	17.8539	32.674	4	0
6/8/2015	9:00:01	11.3207	9.73803	15.0406	13.98	31.6529	4	0
6/8/2015	10:00:00	11.2025	10.4751	12.4506	10.5043	32.0613	4	0
6/8/2015	11:00:00	11.1124	11.1458	11.1405	14.5816	31.8571	4	0
6/8/2015	12:00:01	11.1064	11.6699	12.7462	17.6517	31.6529	4	0
6/8/2015	13:00:01	11.0411	12.538	15.373	14.6092	31.4487	4	0
6/8/2015	14:00:00	10.7431	12.9477	12.1172	13.9195	31.8571	4	0
6/8/2015	15:00:00	10.7757	13.5867	17.7305	17.8935	32.0613	4	0
6/8/2015	16:00:00	11.6632	14.8817	29.1047	37.3764	33.0824	4	0
6/8/2015	17:00:01	13.175	18.0254	48.9949	46.2195	33.0824	4	0

6/8/2015	18:00:01	13.7143	19.2234	25.794	31.0737	32.674	4	0
6/8/2015	19:00:00	14.1178	20.075	25.0058	21.5174	33.2866	4	0
6/8/2015	20:00:00	14.5992	20.3262	20.5125	24.8531	33.0824	4	0
6/8/2015	21:00:01	15.2784	20.9567	24.2012	27.667	34.3077	4	0
6/8/2015	22:00:01	15.9161	21.5351	19.5373	20.5537	34.1035	4	0
6/8/2015	23:00:01	16.6321	22.3936	22.306	22.3606	34.3077	4	0
6/9/2015	0:00:00	17.2219	23.1455	22.2246	20.578	35.3287	4	0
6/9/2015	1:00:00	17.9087	23.6972	21.3183	20.0472	34.3077	4	0
6/9/2015	2:00:01	18.4439	24.4437	21.545	22.793	35.3287	4	0
6/9/2015	3:00:01	19.061	25.0443	24.4485	26.0691	35.533	4	0
6/9/2015	4:00:00	19.4963	24.398	21.0708	19.8426	35.7372	4	0
6/9/2015	5:00:00	19.873	22.1181	20.672	22.6676	35.9414	4	0
6/9/2015	6:00:00	20.3985	22.1079	23.8355	23.699	35.7372	4	0
6/9/2015	7:00:01	21.2603	22.7077	28.6322	31.5049	34.7161	4	0
6/9/2015	8:00:01	22.0911	23.8213	31.7325	29.6181	33.8993	4	0
6/9/2015	9:00:00	22.777	24.2337	27.2847	21.3205	33.695	4	0
6/9/2015	10:00:00	23.4687	24.8996	26.7006	28.8652	34.1035	4	0
6/9/2015	11:00:00	0	0	0	0	34.5119	1	0
6/9/2015	12:00:01	0	0	0	0	33.695	3	0
6/9/2015	13:00:00	0	0	0	36.203	33.4908	4	0
6/9/2015	14:00:00	0	0	0	39.0296	33.2866	4	0
6/9/2015	15:00:00	0	0	0	0	34.3077	3	0
6/9/2015	16:00:01	0	0	0	40.2757	33.695	4	0
6/9/2015	17:00:00	0	0	0	26.2193	33.695	4	0
6/9/2015	18:00:00	0	0	20.1063	23.6798	34.5119	4	0
6/9/2015	19:00:01	0	0	19.7856	23.3577	34.9203	4	0
6/9/2015	20:00:01	0	0	21.3322	20.5589	34.5119	4	0
6/9/2015	21:00:00	0	0	19.8607	22.9736	35.1245	4	0
6/9/2015	22:00:00	0	0	21.3954	22.2991	34.9203	4	0
6/9/2015	23:00:01	0	0	21.8216	25.3848	35.3288	4	0
6/10/2015	0:00:01	0	0	21.3529	22.1749	35.533	4	0
6/10/2015	1:00:01	0	0	21.0697	19.7809	35.7372	4	0
6/10/2015	2:00:00	0	0	20.4819	22.1765	35.9414	4	0
6/10/2015	3:00:00	0	0	19.5716	16.9203	36.1456	4	0
6/10/2015	4:00:01	0	0	19.0115	21.8452	35.7372	4	0
6/10/2015	5:00:01	0	20.3923	20.0981	22.4262	35.533	4	0

6/10/2015	6:00:00	0	20.7086	24.536	30.7027	36.1456	4	0
6/10/2015	7:00:00	0	20.8378	18.8458	17.1994	35.3288	4	0
6/10/2015	8:00:01	0	20.3713	16.9055	16.7514	36.1456	4	0
6/10/2015	9:00:01	0	20.663	20.8594	14.8203	35.1245	4	0
6/10/2015	10:00:00	0	20.3668	16.8128	22.1669	34.7161	4	0
6/10/2015	11:00:00	0	20.1724	18.5996	20.9874	34.5119	4	0
6/10/2015	12:00:00	0	20.0327	19.8031	14.1987	34.3077	4	0
6/10/2015	13:00:01	0	20.3628	24.7159	20.832	34.3077	4	0
6/10/2015	14:00:01	0	21.0136	27.5818	36.5174	33.8993	4	0
6/10/2015	15:00:00	0	21.8259	29.8329	24.4352	33.8993	4	0
6/10/2015	16:00:00	0	22.0911	23.3463	34.1099	33.8993	4	0
6/10/2015	17:00:01	21.655	22.4221	25.5061	33.356	34.7161	4	0
6/10/2015	18:00:01	21.3864	21.5775	16.4399	-22.2987	33.8993	4	0
6/10/2015	19:00:00	20.5894	20.1582	3.34767	1.61238	34.9203	4	0
6/10/2015	20:00:00	19.9457	19.3048	7.76207	10.8775	34.5119	4	0
6/10/2015	21:00:01	19.4412	18.3903	11.6579	12.6144	35.1245	4	0
6/10/2015	22:00:01	18.9305	17.775	9.35404	10.3985	35.1245	4	0
6/10/2015	23:00:01	18.3888	17.0287	9.74461	5.41505	35.3288	4	0
6/11/2015	0:00:00	17.855	16.197	10.0986	10.6998	35.7372	4	0
6/11/2015	1:00:00	17.3047	14.8211	7.30235	2.92123	35.9414	4	0
6/11/2015	2:00:01	16.7687	13.2812	8.47578	7.57332	35.9414	4	0
6/11/2015	3:00:01	16.2108	11.4088	6.27618	11.6885	36.3498	4	0
6/11/2015	4:00:00	15.8693	10.423	10.6801	15.934	35.7372	4	0
6/11/2015	5:00:00	15.5442	9.41732	12.7568	13.7666	36.1456	4	0
6/11/2015	6:00:01	15.1218	9.2582	14.0387	16.251	35.7372	4	0
6/11/2015	7:00:01	15.0277	10.2279	14.4675	17.1216	35.533	4	0
6/11/2015	8:00:01	14.8764	10.6426	12.4249	12.5321	35.7372	4	0
6/11/2015	9:00:00	14.6009	10.7628	12.6532	15.2065	35.1245	4	0
6/11/2015	10:00:00	14.4315	10.9561	11.271	9.44275	35.533	4	0
6/11/2015	11:00:01	14.1256	11.0563	11.011	14.744	35.533	4	0
6/11/2015	12:00:01	14.1359	11.7172	17.2254	12.1505	34.9203	4	0
6/11/2015	13:00:00	13.7562	12.4228	16.1926	15.5057	35.3287	4	0
6/11/2015	14:00:00	13.6884	13.8006	24.8318	30.5043	34.3077	4	0
6/11/2015	15:00:00	13.6643	15.6689	28.7253	23.2254	34.7161	4	0
6/11/2015	16:00:01	14.2165	17.7889	36.3386	22.7494	34.3077	4	0
6/11/2015	17:00:01	14.8215	20.075	41.8827	65.9998	34.7161	4	0

6/11/2015	18:00:00	15.9084	22.4894	45.4509	38.2192	36.1456	4	0
6/11/2015	19:00:00	17.0764	23.9164	32.3197	30.0571	36.1456	4	0
6/11/2015	20:00:00	18.1642	25.7307	35.1694	47.9572	36.554	4	0
6/11/2015	21:00:01	19.0777	27.4794	33.5847	40.1631	35.9414	4	0
6/11/2015	22:00:01	20.2848	29.7394	38.1981	51.2235	36.554	4	0
6/11/2015	23:00:00	21.242	31.5872	34.2693	30.2897	37.3709	4	0
6/12/2015	0:00:00	22.2459	32.9829	31.5453	29.9953	36.554	4	0
6/12/2015	1:00:01	22.934	33.6581	24.6374	17.8254	36.3498	4	0
6/12/2015	2:00:01	23.4148	33.3655	22.7815	16.6651	37.5751	4	0
6/12/2015	3:00:00	23.9462	32.6188	18.7873	21.8316	37.5751	4	0
6/12/2015	4:00:00	24.4247	31.4864	20.8844	24.76	37.7793	4	0
6/12/2015	5:00:01	24.3121	28.9013	10.0231	2.89701	37.7793	4	0
6/12/2015	6:00:01	23.9537	25.6208	5.95421	-0.508237	37.1667	4	0
6/12/2015	7:00:01	23.6383	23.5335	7.27912	14.3818	36.9624	4	0
6/12/2015	8:00:00	23.3282	21.0018	4.47042	4.60273	37.1667	4	0
6/12/2015	9:00:00	23.1349	18.8156	6.85923	10.4445	37.3709	4	0
6/12/2015	10:00:01	23.0225	16.3132	7.97832	6.75487	36.9624	4	0
6/12/2015	11:00:01	23.1393	14.3976	10.5401	12.9581	36.7582	4	0
6/12/2015	12:00:01	22.9524	12.7741	12.1004	10.7028	37.3709	4	0
6/12/2015	13:00:00	23.0406	12.137	16.8897	24.105	36.3498	4	0
6/12/2015	14:00:00	22.7054	11.5982	16.6633	8.15351	37.1667	4	0
6/12/2015	15:00:01	21.4382	10.1233	2.14638	5.54295	37.1667	4	0
6/12/2015	16:00:01	20.0011	8.69813	4.3835	9.55906	37.3709	4	0
6/12/2015	17:00:00	18.5595	8.50033	7.87603	11.4353	37.7793	4	0
6/12/2015	18:00:00	16.9557	8.60385	7.4172	16.9782	37.7793	4	0
6/12/2015	19:00:00	16.1214	9.03513	12.5861	13.4189	38.1877	4	0
6/12/2015	20:00:01	15.0607	9.39946	8.73404	13.1097	38.8004	4	0
6/12/2015	21:00:01	14.211	9.91372	13.0954	12.7326	39.2088	4	0
6/12/2015	22:00:00	14.211	9.91372	13.0954	21.5558	39.0046	4	0
6/12/2015	23:00:00	12.8146	11.5899	21.0625	19.604	39.2088	4	0
6/13/2015	0:00:01	12.3212	12.189	19.0596	20.0903	39.413	4	0
6/13/2015	1:00:01	12.2445	12.6503	21.6665	21.952	38.3919	4	0
6/13/2015	2:00:00	12.0719	12.8348	18.5935	13.2913	39.413	4	0
6/13/2015	3:00:00	11.833	13.7054	12.435	15.6652	39.2088	4	0
6/13/2015	4:00:00	11.7419	14.8641	18.1657	18.674	39.2088	4	0
6/13/2015	5:00:01	12.188	15.9231	20.4291	16.945	39.413	4	0

6/13/2015	6:00:01	12.5771	16.573	15.0978	11.3354	39.413	4	0
6/13/2015	7:00:00	12.8993	16.7481	14.1262	13.5385	38.8004	4	0
6/13/2015	8:00:00	13.5305	17.5906	17.3049	17.1312	38.5961	4	0
6/13/2015	9:00:01	14.1316	18.1689	18.0187	19.4766	37.3709	4	0
6/13/2015	10:00:01	14.5155	18.0595	15.9013	17.3522	37.3709	4	0
6/13/2015	11:00:01	14.8503	17.7588	17.3594	25.2548	37.5751	4	0
6/13/2015	12:00:00	15.1168	17.5974	16.7125	24.4663	36.7582	4	0
6/13/2015	13:00:00	14.4922	16.0183	5.51288	-41.0437	37.1667	4	0
6/13/2015	14:00:01	15.0488	16.8268	27.4692	-2.42025	37.3709	4	0
6/13/2015	15:00:01	15.596	16.9281	12.6478	14.4059	36.9624	4	0
6/13/2015	16:00:00	16.2954	17.2234	23.7673	61.0809	37.3709	4	0
6/13/2015	17:00:00	15.7902	15.3977	2.39691	4.63384	39.0046	4	0
6/13/2015	18:00:01	15.5822	14.3325	2.59625	15.7548	37.9835	4	0
6/13/2015	19:00:01	15.4166	13.9077	9.51126	6.47212	38.3919	4	0
6/13/2015	20:00:00	15.2793	12.9589	6.25851	7.30733	38.5961	4	0
6/13/2015	21:00:00	15.2631	12.5061	12.1429	16.1623	38.3919	4	0
6/13/2015	22:00:01	14.864	11.9062	8.61659	9.9968	38.3919	4	0
6/13/2015	23:00:01	14.3984	11.3622	10.6984	17.1124	39.0046	4	0
6/14/2015	0:00:00	13.8643	10.5037	5.75076	5.04752	38.3919	4	0
6/14/2015	1:00:00	13.2206	10.5982	6.63852	7.802	38.8004	4	0
6/14/2015	2:00:00	12.7576	8.97882	7.3385	8.78439	39.0046	4	0
6/14/2015	3:00:01	12.523	8.53769	7.09307	10.8521	38.5961	4	0
6/14/2015	4:00:01	12.0123	7.16298	6.98541	9.06166	39.0046	4	0
6/14/2015	5:00:00	11.4645	7.56204	7.06729	2.85317	39.0046	4	0
6/14/2015	6:00:00	11.1277	7.9338	6.99224	5.89085	38.1877	4	0
6/14/2015	7:00:01	10.7879	7.62774	5.73512	3.01627	38.1877	4	0
6/14/2015	8:00:01	10.4267	7.80532	8.26903	11.6847	37.9835	4	0
6/14/2015	9:00:00	10.1694	7.72616	11.0231	19.6226	37.5751	4	0
6/14/2015	10:00:00	9.93227	7.82574	9.748	9.67031	37.3709	4	0
6/14/2015	11:00:00	9.57146	7.62385	8.29854	15.6219	36.9624	4	0
6/14/2015	12:00:01	9.31927	7.99679	10.125	12.8955	37.3709	4	0
6/14/2015	13:00:01	9.4801	8.1889	8.78566	10.8433	37.5751	4	0
6/14/2015	14:00:00	8.56219	8.01717	5.32469	-6.12958	37.7793	4	0
6/14/2015	15:00:00	8.39112	8.10038	7.95428	11.2057	36.9624	4	0
6/14/2015	16:00:01	7.79754	8.31132	9.67897	20.6097	37.1667	4	0
6/14/2015	17:00:01	7.8419	8.00905	3.65509	-5.17812	37.1667	4	0

6/14/2015	18:00:01	8.43878	8.84159	17.2281	35.7961	37.3709	4	0
6/14/2015	19:00:00	8.24478	8.86308	7.28541	21.8982	38.3919	4	0
6/14/2015	20:00:00	8.62198	9.43849	14.9632	11.2332	38.1877	4	0
6/14/2015	21:00:01	8.41627	9.13949	7.56007	6.24637	38.5961	4	0
6/14/2015	22:00:01	8.49491	9.20409	10.3716	6.51942	38.3919	4	0
6/14/2015	23:00:00	8.41705	9.27191	9.26482	9.79261	37.9835	4	0
6/15/2015	0:00:00	8.74285	9.5755	13.7445	15.6574	38.5961	4	0
6/15/2015	1:00:01	9.07406	10.0581	14.2893	16.0613	38.5961	4	0
6/15/2015	2:00:01	9.41102	10.9058	15.4789	13.4046	38.5961	4	0
6/15/2015	3:00:00	9.63639	11.3028	12.7374	13.4277	38.5961	4	0
6/15/2015	4:00:00	9.90113	11.6138	13.0824	12.4454	38.5961	4	0
6/15/2015	5:00:01	10.2281	12.5536	14.9049	17.4757	38.3919	4	0
6/15/2015	6:00:01	10.591	12.4443	15.5695	18.6145	38.8004	4	0
6/15/2015	7:00:00	11.0613	13.2381	16.4891	17.1214	38.5961	4	0
6/15/2015	8:00:00	11.4306	13.3765	15.9119	25.9651	38.1877	4	0
6/15/2015	9:00:00	11.3811	13.6028	11.0676	1.46969	39.413	4	0
6/15/2015	10:00:00	11.5701	13.8947	13.3216	12.6604	38.1877	4	0
6/15/2015	11:00:00	11.777	14.17	11.6223	18.3067	37.7793	4	0
6/15/2015	12:00:01	11.7848	13.8462	9.66758	13.6314	37.9835	4	0
6/15/2015	13:00:01	11.8193	13.4246	9.24112	7.74742	37.5751	4	0
6/15/2015	14:00:01	12.2102	13.3231	14.3438	-4.09531	37.5751	4	0
6/15/2015	15:00:00	12.0935	12.6935	5.74937	7.34001	37.7793	4	0
6/15/2015	16:00:00	11.8548	11.9289	4.3071	3.40695	37.7793	4	0
6/15/2015	17:00:01	12.4007	12.1344	18.2874	34.8639	38.3919	4	0
6/15/2015	18:00:01	11.6858	10.9724	3.27835	8.24837	38.8004	4	0
6/15/2015	19:00:00	11.7033	10.2456	7.64677	8.21033	39.2088	4	0
6/15/2015	20:00:00	11.393	9.54726	7.30381	13.2921	39.6172	4	0
6/15/2015	21:00:01	11.3577	9.20394	6.99874	4.94028	39.413	4	0
6/15/2015	22:00:01	11.2374	8.72582	7.4537	9.32755	39.0046	4	0
6/15/2015	23:00:00	11.2667	8.59344	9.80687	7.28318	39.0046	4	0
6/16/2015	0:00:00	10.9848	8.39617	7.2286	4.87041	39.2088	4	0
6/16/2015	1:00:00	10.8806	8.63627	12.0646	16.373	39.2088	4	0
6/16/2015	2:00:01	10.6983	8.40343	11.2921	15.1025	39.6172	4	0
6/16/2015	3:00:01	10.5785	8.76521	10.1291	10.4335	39.8214	4	0
6/16/2015	4:00:00	10.3745	9.09563	8.33568	18.5361	39.6172	4	0
6/16/2015	5:00:00	10.3155	8.72102	13.4742	18.7776	39.8214	4	0

6/16/2015	6:00:00	10.2084	9.49075	12.2861	10.1927	39.413	4	0
6/16/2015	7:00:01	9.97325	9.7471	10.7218	13.8953	39.2088	4	0
6/16/2015	8:00:01	9.77511	10.0311	10.4721	11.3337	39.413	4	0
6/16/2015	9:00:00	9.81887	10.4268	11.4203	16.475	39.0046	4	0
6/16/2015	10:00:00	10.4771	12.2139	28.7951	37.4043	39.413	4	0
6/16/2015	11:00:01	11.2943	13.9642	30.4363	23.561	39.0046	4	0
6/16/2015	12:00:01	11.7595	15.0908	20.9109	7.38885	39.0046	4	0
6/16/2015	13:00:01	12.0533	15.4044	15.3788	11.6683	38.8004	4	0
6/16/2015	14:00:00	12.1181	15.7487	15.212	27.2507	38.8004	4	0
6/16/2015	15:00:00	12.5643	16.2872	17.3284	23.687	39.6172	4	0
6/16/2015	16:00:01	13.0515	16.8884	14.9037	8.6529	38.8004	4	0
6/16/2015	17:00:01	12.8859	16.953	14.9551	10.0029	39.413	4	0
6/16/2015	18:00:00	13.2452	16.962	13.759	17.7429	40.2298	4	0
6/16/2015	19:00:00	13.627	17.5009	18.0797	21.0325	40.2299	4	0
6/16/2015	20:00:01	13.7877	17.617	13.2678	10.1308	40.8425	4	0
6/16/2015	21:00:01	14.142	18.0018	16.8091	16.8059	41.2509	4	0
6/16/2015	22:00:00	14.3312	16.6434	12.0288	19.1854	41.2509	4	0
6/16/2015	23:00:00	14.3755	15.1029	11.8364	11.732	41.8635	4	0
6/17/2015	0:00:01	14.3836	14.0065	7.18792	4.57942	41.6593	4	0
6/17/2015	1:00:01	14.3151	13.6133	10.3059	9.9067	41.4551	4	0
6/17/2015	2:00:02	14.3274	13.3436	11.6727	11.7315	42.4762	4	0
6/17/2015	3:00:00	14.4988	13.1064	13.9979	22.8226	42.0678	4	0
6/17/2015	4:00:00	14.843	13.271	16.4397	15.4262	42.0678	4	0
6/17/2015	5:00:01	14.9514	13.4337	16.9577	7.4124	42.6804	4	0
6/17/2015	6:00:01	15.0663	13.5441	14.7563	15.3757	42.0678	4	0
6/17/2015	7:00:00	15.189	13.1763	13.2303	14.9548	42.272	4	0
6/17/2015	8:00:00	15.2759	13.1303	12.7206	9.30084	42.272	4	0
6/17/2015	9:00:00	15.3021	12.6839	11.0516	13.0551	42.0678	4	0
6/17/2015	10:00:01	14.7049	12.784	12.7885	18.6792	42.4762	4	0
6/17/2015	11:00:01	14.1107	13.0342	14.4172	16.8322	42.0678	4	0
6/17/2015	12:00:00	13.864	13.5997	13.4659	14.0618	41.4551	4	0
6/17/2015	13:00:00	13.8582	13.9338	13.8466	14.628	41.2509	4	0
6/17/2015	14:00:00	13.9015	14.2005	14.0409	14.6254	41.4551	4	0
6/17/2015	15:00:01	13.8558	14.3413	15.7722	23.4272	41.4551	4	0
6/17/2015	16:00:01	14.0376	14.5034	18.3193	20.6472	40.6383	4	0
6/17/2015	17:00:01	14.1472	14.5313	17.9481	25.5726	41.0467	4	0

6/17/2015	18:00:01	14.3176	14.7809	18.3423	16.2339	41.6593	4	0
6/17/2015	19:00:00	14.1995	14.9363	15.4167	13.0187	41.8635	4	0
6/17/2015	20:00:00	14.1083	14.8223	12.061	11.1963	41.2509	4	0
6/17/2015	21:00:01	13.9845	15.0973	15.0557	20.1288	42.272	4	0
6/17/2015	22:00:01	14.0887	15.2549	15.029	15.3017	42.6804	4	0
6/17/2015	23:00:01	14.1506	15.1694	13.5426	16.5503	42.4762	4	0
6/18/2015	0:00:00	14.612	15.5478	17.772	19.2561	42.4762	4	0
6/18/2015	1:00:01	14.8733	15.8214	17.6317	12.4756	43.0888	4	0
6/18/2015	2:00:00	15.4156	16.6693	23.3594	20.0899	42.8846	4	0
6/18/2015	3:00:00	15.6321	16.9425	18.5006	16.3625	42.4762	4	0
6/18/2015	4:00:00	15.7876	17.0959	19.6252	20.2547	42.272	4	0
6/18/2015	5:00:01	15.7788	17.0256	17.001	16.021	42.272	4	0
6/18/2015	6:00:01	15.9412	17.0533	18.359	16.0422	42.272	4	0
6/18/2015	7:00:00	15.8571	16.7726	12.7084	11.24	42.272	4	0
6/18/2015	8:00:00	15.7253	16.555	9.08266	24.2267	42.6804	4	0
6/18/2015	9:00:01	16.2032	17.0731	19.9908	17.9608	41.4551	4	0
6/18/2015	10:00:01	16.231	16.9744	14.4069	12.3509	41.8635	4	0
6/18/2015	11:00:01	16.3011	17.1303	14.7546	17.4822	41.8635	4	0
6/18/2015	12:00:00	16.2986	16.7523	13.4218	16.5463	41.6593	4	0
6/18/2015	13:00:00	16.21	16.2948	13.0462	5.73217	41.6593	4	0
6/18/2015	14:00:01	15.9928	15.0387	8.38098	28.6435	41.6593	4	0
6/18/2015	15:00:01	15.824	14.5472	13.5858	13.0782	41.8635	4	0
6/18/2015	16:00:00	15.5809	13.9444	12.4942	20.7233	41.8635	4	0
6/18/2015	17:00:00	15.2016	13.2985	9.63596	10.3618	42.6804	4	0
6/18/2015	18:00:01	15.0613	13.0115	14.8892	19.0323	42.4762	4	0
6/18/2015	19:00:01	15.1035	13.3847	17.7464	16.1746	42.8846	4	0
6/18/2015	20:00:01	15.2129	13.978	17.2708	19.0318	43.0888	4	0
6/18/2015	21:00:00	15.182	13.5303	14.3199	18.1073	43.0888	4	0
6/18/2015	22:00:00	15.0183	13.3229	12.1652	-1.53073	43.7015	4	0
6/18/2015	23:00:01	14.734	12.7359	7.90795	1.66702	43.9057	4	0
6/19/2015	0:00:01	14.4555	12.616	12.1355	12.8388	44.1099	4	0
6/19/2015	1:00:00	14.1641	12.4872	11.6514	11.0412	44.7225	4	0
6/19/2015	2:00:01	13.6348	12.7021	11.1131	13.5275	44.5183	4	0
6/19/2015	3:00:01	13.405	12.6751	13.1202	15.6093	44.5183	4	0
6/19/2015	4:00:00	12.9461	12.3695	8.76642	7.89933	45.1309	4	0
6/19/2015	5:00:01	12.6119	12.3041	8.66659	12.0044	44.3141	4	0

6/19/2015	6:00:01	12.2715	11.9121	9.79598	10.1937	44.9267	4	0
6/19/2015	7:00:01	12.2027	11.2894	9.0165	7.63297	44.3141	4	0
6/19/2015	8:00:00	12.4163	10.964	12.505	20.7299	44.3141	4	0
6/19/2015	9:00:00	12.2374	11.0307	14.849	15.5258	43.7015	4	0
6/19/2015	10:00:01	12.3599	11.3631	15.4253	23.8421	43.0888	4	0
6/19/2015	11:00:01	12.5203	12.2281	18.297	22.1883	44.1099	4	0
6/19/2015	12:00:00	12.7023	12.6246	16.5168	19.3913	43.0888	4	0
6/19/2015	13:00:00	13.1638	13.6094	23.3488	29.6678	43.293	4	0
6/19/2015	14:00:01	13.9602	14.9292	26.9243	22.9194	43.0888	4	0
6/19/2015	15:00:01	14.6415	16.3019	29.951	30.6676	43.293	4	0
6/19/2015	16:00:01	15.0208	17.3674	22.0227	17.123	43.4972	4	0
6/19/2015	17:00:00	15.244	17.9172	16.1586	26.4503	43.7015	4	0
6/19/2015	18:00:00	15.3037	18.484	17.723	22.4129	43.7015	4	0
6/19/2015	19:00:01	15.4065	19.3966	20.0692	19.4744	44.5183	4	0
6/19/2015	20:00:01	15.5108	20.0526	21.8317	25.3337	44.5183	4	0
6/19/2015	21:00:00	15.7893	20.5677	21.2489	19.2376	44.9267	4	0
6/19/2015	22:00:00	15.8402	20.4338	14.4335	10.238	45.3351	4	0
6/19/2015	23:00:00	16.1303	20.1697	15.034	13.7247	45.9478	4	0
6/20/2015	0:00:01	16.1454	19.8774	13.209	17.5459	45.9478	4	0
6/20/2015	1:00:00	16.2761	19.2177	15.1501	11.953	46.3562	4	0
6/20/2015	2:00:00	16.4291	18.2857	15.4145	13.7186	46.152	4	0
6/20/2015	3:00:00	16.4501	17.0058	13.9539	14.0072	46.7646	4	0
6/20/2015	4:00:01	16.7761	16.5472	15.4008	17.4813	46.152	4	0
6/20/2015	5:00:01	17.0905	16.5709	16.0916	16.2734	46.3562	4	0
6/20/2015	6:00:00	17.2583	16.2544	13.5564	14.6182	45.9478	4	0
6/20/2015	7:00:00	17.6135	16.0005	16.2165	16.3854	46.5604	4	0
6/20/2015	8:00:01	17.9585	15.9409	21.2579	19.6425	46.152	4	0
6/20/2015	9:00:01	18.494	16.1981	22.0844	27.5914	45.3352	4	0
6/20/2015	10:00:00	19.3447	17.9347	35.1792	32.0064	45.3352	4	0
6/20/2015	11:00:00	19.6979	18.7265	23.12	23.5151	45.1309	4	0
6/20/2015	12:00:01	19.9559	19.3997	20.5693	28.0101	44.3141	4	0
6/20/2015	13:00:01	19.4885	19.0584	10.7561	9.53709	44.3141	4	0
6/20/2015	14:00:00	19.3192	19.686	23.7991	34.2608	44.3141	4	0
6/20/2015	15:00:00	18.9584	20.172	18.8158	23.7869	44.1099	4	0
6/20/2015	16:00:01	18.7668	20.3495	18.457	15.7421	43.4972	4	0
6/20/2015	17:00:00	19.194	21.103	24.6041	6.50311	43.4972	4	0

6/20/2015	18:00:00	19.4157	21.9735	25.7368	18.8445	44.3141	4	0
6/20/2015	19:00:01	19.4977	22.7061	29.503	35.9847	44.7225	4	0
6/20/2015	20:00:00	19.6089	22.9726	24.9253	26.1091	45.1309	4	0
6/20/2015	23:00:00	0	0	0	0	44.9267	1	33554496
6/21/2015	0:00:00	0	0	0	0	45.7436	3	0
6/21/2015	1:00:00	0	0	0	14.896	45.7436	4	0
6/21/2015	2:00:01	0	0	0	13.6482	45.3352	4	0
6/21/2015	3:00:01	0	0	11.3293	16.7683	45.9478	4	0
6/21/2015	4:00:00	0	0	10.991	12.4973	45.5394	4	0
6/21/2015	5:00:00	0	0	13.8779	11.7043	45.5394	4	0
6/21/2015	6:00:01	0	0	13.0371	15.5984	45.1309	4	0
6/21/2015	7:00:01	0	0	20.2299	21.702	45.3352	4	0
6/21/2015	8:00:00	0	0	18.5707	20.9073	45.3352	4	0
6/21/2015	9:00:00	0	0	24.2369	28.2552	44.5183	4	0
6/21/2015	10:00:00	0	0	24.0515	23.7157	44.7225	4	0
6/21/2015	11:00:01	0	0	21.5113	24.1016	44.1099	4	0
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6/21/2015	13:00:00	0	0	11.4881	16.5316	43.9057	4	0
6/21/2015	14:00:00	0	16.2345	8.69248	9.0447	44.5183	4	0
6/21/2015	15:00:01	0	16.2144	11.3692	13.0673	44.1099	4	0
6/21/2015	16:00:01	0	16.5536	15.3831	11.5427	44.3141	4	0
6/21/2015	17:00:00	0	16.6451	15.0991	9.06241	44.3141	4	0
6/21/2015	18:00:00	0	16.7759	14.0704	13.7475	44.1099	4	0
6/21/2015	19:00:01	0	16.4176	16.899	33.3753	44.5183	4	0
6/21/2015	20:00:01	0	15.7892	12.8931	11.5231	45.7436	4	0
6/21/2015	21:00:01	0	15.1384	17.029	11.8802	46.152	4	0
6/21/2015	22:00:00	0	14.7813	20.1875	16.1102	45.7436	4	0
6/21/2015	23:00:01	0	14.0949	13.1752	8.79058	46.3562	4	0
6/22/2015	0:00:01	0	14.2114	15.9357	18.9416	45.9478	4	0
6/22/2015	1:00:01	0	14.509	15.0089	16.6754	46.5604	4	0
6/22/2015	2:00:00	15.3937	14.8245	12.212	22.6996	46.3562	4	0
6/22/2015	3:00:00	15.5909	15.2046	15.4934	17.6687	46.152	4	0
6/22/2015	4:00:01	15.6268	14.9465	12.2254	13.4818	46.152	4	0
6/22/2015	5:00:01	15.7499	15.0638	15.7975	21.2651	46.7646	4	0
6/22/2015	6:00:00	15.8145	15.0988	13.967	16.9099	45.7436	4	0
6/22/2015	7:00:00	15.7532	15.2035	17.2059	24.3799	45.9478	4	0

6/22/2015	8:00:00	15.8225	15.7991	19.7824	21.3063	45.3352	4	0
6/22/2015	9:00:01	15.6255	16.0466	20.6223	21.003	45.5394	4	0
6/22/2015	10:00:01	15.5086	16.1235	21.4066	26.8986	45.5394	4	0
6/22/2015	11:00:00	15.5425	16.8933	22.9191	16.8668	46.3562	4	0
6/22/2015	12:00:00	16.1305	17.8497	25.9194	33.0168	45.3352	4	0
6/22/2015	13:00:01	17.1457	19.5408	35.2124	40.7381	45.3352	4	0
6/22/2015	14:00:01	18.8728	22.6774	49.9001	71.986	45.7436	4	0
6/22/2015	15:00:00	20.3569	25.2333	45.5028	43.7643	45.1309	4	0
6/22/2015	16:00:01	22.1518	28.992	55.8417	52.1645	44.7225	4	0
6/22/2015	17:00:01	23.5821	31.7692	49.2785	74.1799	44.7225	4	0
6/22/2015	18:00:01	25.4061	35.4005	57.5837	53.6429	44.9267	4	0
6/22/2015	19:00:00	27.1587	38.8923	60.0779	101.353	44.5183	4	0
6/22/2015	21:00:00	0	0	0	0	45.9478	3	0
6/22/2015	22:00:00	0	0	0	25.6678	45.9478	4	0
6/22/2015	23:00:00	0	0	0	14.8182	45.5394	4	0
6/23/2015	0:00:01	0	0	17.2389	11.7823	46.152	4	0
6/23/2015	1:00:01	0	0	24.1112	19.9909	46.7646	4	0
6/23/2015	2:00:01	0	0	19.0334	17.7023	46.152	4	0
6/23/2015	3:00:00	0	0	13.4638	15.3287	46.5604	4	0
6/23/2015	4:00:00	0	0	12.613	3.76739	46.7646	4	0
6/23/2015	5:00:01	0	0	25.4051	21.9775	46.7646	4	0
6/23/2015	6:00:01	0	0	9.90075	5.78544	46.7646	4	0
6/23/2015	7:00:01	0	0	3.90125	6.89962	46.3562	4	0
6/23/2015	8:00:00	0	0	4.95091	16.03	46.5604	4	0
6/23/2015	9:00:00	0	0	22.0423	31.5776	46.152	4	0
6/23/2015	10:00:01	0	0	27.5968	19.3795	45.7436	4	0
6/23/2015	11:00:01	0	15.6704	7.31879	2.45432	45.7436	4	0
6/23/2015	12:00:00	0	15.6704	7.31879	-11.3837	45.9478	4	0
6/23/2015	13:00:00	0	13.484	9.52265	11.3903	45.3352	4	0
6/23/2015	14:00:01	0	12.4778	7.17694	9.1311	45.3352	4	0
6/23/2015	15:00:01	0	11.9346	6.88794	16.2072	44.9267	4	0
6/23/2015	16:00:01	0	11.3624	5.84668	-1.09754	45.5394	4	0
6/23/2015	17:00:00	0	9.7947	7.09867	0.953288	45.7436	4	0
6/23/2015	18:00:00	0	9.92065	11.9696	11.4284	45.9478	4	0
6/23/2015	19:00:01	0	10.7983	14.8001	20.7849	46.5604	4	0
6/23/2015	20:00:01	0	11.104	9.32485	15.1492	47.1731	4	0

6/23/2015	21:00:02	0	10.6522	16.7989	23.4385	46.9688	4	0
6/23/2015	22:00:00	0	9.27911	10.8327	7.04785	46.7646	4	0
6/23/2015	23:00:00	12.4903	9.53035	10.5088	9.97724	47.7857	4	0
6/24/2015	0:00:01	12.2368	10.0805	11.3691	11.8152	47.5815	4	0
6/24/2015	1:00:01	11.7154	10.2616	11.801	17.6209	47.5815	4	0
6/24/2015	2:00:00	11.4985	10.8307	14.2248	18.0566	48.3983	4	0
6/24/2015	3:00:00	11.4145	11.2211	11.6377	17.3694	48.8068	4	0
6/24/2015	4:00:00	12.0283	12.9613	26.0968	26.7754	48.6026	4	0
6/24/2015	5:00:01	11.6686	13.7633	16.7574	17.5791	48.1941	4	0
6/24/2015	6:00:01	12.1084	14.4663	19.8877	23.7209	48.1941	4	0
6/24/2015	7:00:00	12.7634	14.8801	19.4043	15.1893	47.9899	4	0
6/24/2015	8:00:00	13.3882	15.7657	19.8122	28.9575	48.3983	4	0
6/24/2015	9:00:01	13.112	15.5824	13.5823	9.77719	47.9899	4	0
6/24/2015	10:00:01	12.4888	15.6527	10.3962	15.3487	47.3773	4	0
6/24/2015	11:00:00	12.4344	15.3001	7.04096	-3.61419	46.9688	4	0
6/24/2015	12:00:00	12.3796	14.594	2.49838	-16.7437	47.3773	4	0
6/24/2015	13:00:01	12.2183	14.0247	4.44638	0.378657	47.1731	4	0
6/24/2015	14:00:01	12.1042	13.1706	4.0703	-4.48909	47.1731	4	0
6/24/2015	15:00:00	12.3792	13.224	11.4901	19.7358	46.3562	4	0
6/24/2015	16:00:00	12.6271	12.0852	14.2939	13.9274	47.3773	4	0
6/24/2015	17:00:00	12.9669	12.0366	17.3944	28.061	48.1941	4	0
6/24/2015	18:00:01	13.4948	12.4	24.3619	18.7337	47.7857	4	0
6/24/2015	19:00:01	13.3378	11.6692	10.7143	17.0984	47.7857	4	0
6/24/2015	20:00:00	13.5484	11.2469	15.2225	20.4706	48.1941	4	0
6/24/2015	21:00:00	13.7064	11.839	20.7551	17.6854	48.1941	4	0
6/24/2015	22:00:01	13.7678	12.0184	12.6031	20.5455	48.3983	4	0
6/24/2015	23:00:01	13.9439	12.6263	14.013	15.2993	48.3984	4	0
6/25/2015	0:00:01	14.0801	13.6181	14.1688	14.3843	48.1941	4	0
6/25/2015	1:00:00	14.399	14.8815	19.6315	10.3652	48.8068	4	0
6/25/2015	2:00:00	14.1995	15.3191	8.96678	8.3576	48.6026	4	0
6/25/2015	3:00:01	14.1494	15.2221	9.67537	3.84452	48.1941	4	0
6/25/2015	4:00:01	13.4858	14.94	11.2425	13.7099	48.3983	4	0
6/25/2015	5:00:00	13.2373	14.4106	11.1895	11.6022	48.6026	4	0
6/25/2015	6:00:00	13.0656	13.7053	15.9088	19.1867	48.1941	4	0
6/25/2015	7:00:01	12.9102	14.106	15.1394	12.7281	48.3983	4	0
6/25/2015	8:00:01	12.8532	14.3099	16.6529	20.7788	47.9899	4	0

6/25/2015	9:00:01	12.5361	13.0332	5.34242	9.17913	46.9688	4	0
6/25/2015	10:00:00	12.6057	12.9352	11.1517	9.32287	46.7646	4	0
6/25/2015	11:00:00	12.6276	12.4464	9.13451	12.9236	47.5815	4	0
6/25/2015	12:00:01	12.8651	11.931	8.15549	10.71	47.1731	4	0
6/25/2015	13:00:01	13.168	11.1968	10.7263	8.0149	46.9689	4	0
6/25/2015	14:00:01	13.4586	11.387	11.5515	12.3572	47.5815	4	0
6/25/2015	15:00:00	13.4559	11.491	10.7613	10.4029	46.7646	4	0
6/25/2015	16:00:00	13.2214	11.2967	9.23142	2.90963	46.7646	4	0
6/25/2015	17:00:01	13.0931	11.587	14.9509	15.8211	46.9689	4	0
6/25/2015	18:00:01	12.4784	11.0876	10.2015	0.496105	47.1731	4	0
6/25/2015	19:00:00	12.248	10.3108	6.37001	11.6319	47.3773	4	0
6/25/2015	20:00:00	12.1032	9.9407	12.3134	11.1544	48.3983	4	0
6/25/2015	21:00:01	11.8893	10.8973	17.4251	25.8101	48.3983	4	0
6/25/2015	22:00:01	12.0052	11.2536	15.1203	17.9796	48.6026	4	0
6/25/2015	23:00:00	11.9137	11.5165	12.4863	20.8524	48.3983	4	0
6/26/2015	0:00:00	11.9121	12.0421	14.6012	12.2617	48.8068	4	0
6/26/2015	1:00:00	11.7591	12.5255	16.7864	13.5568	49.011	4	0
6/26/2015	2:00:01	12.3348	13.4915	23.1638	35.8662	49.4194	4	0
6/26/2015	3:00:00	12.8021	14.3456	20.7763	20.8627	49.6236	4	0
6/26/2015	4:00:00	13.5183	15.992	29.4606	31.1463	50.032	4	0
6/26/2015	5:00:00	14.1879	17.0257	26.7993	27.9295	49.6236	4	0
6/26/2015	6:00:01	14.5447	18.2238	24.4993	26.3241	50.2363	4	0
6/26/2015	7:00:01	15.1102	20.0603	27.9359	24.1513	50.2363	4	0
6/26/2015	8:00:00	15.4572	21.0957	24.3035	26.9147	50.2363	4	0
6/26/2015	9:00:00	16.0986	21.3154	18.2736	17.6232	49.4194	4	0
6/26/2015	10:00:01	16.3823	21.5203	17.0113	20.6232	49.4194	4	0
6/26/2015	11:00:01	16.7504	21.9884	18.5905	22.0694	49.6236	4	0
6/26/2015	12:00:00	17.3523	22.6183	21.4995	22.2295	49.6236	4	0
6/26/2015	13:00:00	17.6047	22.6021	16.8253	22.3785	50.2363	4	0
6/26/2015	14:00:01	18.1322	22.6846	24.8463	25.9979	49.8278	4	0
6/26/2015	15:00:01	18.7202	23.0223	25.3725	27.1359	49.8278	4	0
6/26/2015	16:00:01	19.2077	22.3502	22.8938	24.1132	50.6447	4	0
6/26/2015	17:00:00	19.7217	22.3353	26.3702	27.6249	50.6447	4	0
6/26/2015	18:00:00	20.0693	21.8408	19.0626	19.0782	50.8489	4	0
6/26/2015	19:00:01	20.5316	20.9513	17.2552	19.1124	50.8489	4	0
6/26/2015	20:00:01	20.6115	20.1483	15.2582	15.6984	50.6447	4	0

6/26/2015	21:00:00	20.6115	20.1483	15.2582	14.6661	51.2573	4	0
6/26/2015	22:00:00	20.5166	19.7429	14.8505	13.5809	51.2573	4	0
6/26/2015	23:00:00	20.5793	19.3725	14.0633	13.9516	51.0531	4	0
6/27/2015	0:00:01	20.583	18.8444	15.1562	16.864	51.87	4	0
6/27/2015	1:00:01	20.4614	18.6591	14.8687	16.029	51.8699	4	0
6/27/2015	2:00:00	20.1289	17.8548	14.7359	11.8525	52.0742	4	0
6/27/2015	3:00:00	19.8563	16.9433	14.1749	11.4164	51.6657	4	0
6/27/2015	4:00:00	19.1993	16.2538	15.0074	17.613	51.8699	4	0
6/27/2015	5:00:01	18.7196	15.3371	15.0533	17.1233	51.6657	4	0
6/27/2015	6:00:01	18.3418	14.9822	14.2385	17.4845	51.4615	4	0
6/27/2015	7:00:00	17.9587	14.9193	15.0341	19.91	50.8489	4	0
6/27/2015	8:00:00	17.5905	14.8281	13.3933	5.28907	50.2363	4	0
6/27/2015	9:00:01	17.6258	15.0633	17.8852	20.9883	49.6236	4	0
6/27/2015	10:00:01	17.2492	14.3863	6.20328	9.26956	49.8278	4	0
6/27/2015	11:00:00	16.9462	14.1251	10.9775	11.2277	49.6236	4	0
6/27/2015	12:00:00	16.4745	13.6742	9.86349	14.721	49.4194	4	0
6/27/2015	13:00:00	16.2473	13.3553	11.3125	13.0513	49.2152	4	0
6/27/2015	14:00:01	15.5533	12.7662	7.7086	15.0484	49.4194	4	0
6/27/2015	15:00:01	14.7721	12.1739	7.65939	-10.325	48.8068	4	0
6/27/2015	16:00:00	14.2232	11.699	9.44487	12.853	49.2152	4	0
6/27/2015	17:00:00	13.3552	10.9534	6.81646	16.106	49.2152	4	0
6/27/2015	18:00:01	12.9913	10.6454	10.9965	14.2803	50.032	4	0
6/27/2015	19:00:01	12.8097	10.5029	13.7411	5.60653	50.4405	4	0
6/27/2015	20:00:00	12.9463	11.158	22.7738	22.5956	51.8699	4	0
6/27/2015	21:00:00	12.8398	10.797	13.6584	11.0314	51.87	4	0
6/27/2015	22:00:00	12.7837	11.4859	15.003	12.9438	52.0742	4	0
6/27/2015	23:00:01	12.8768	11.9616	16.6179	10.5157	52.4826	4	0
6/28/2015	0:00:01	13.2213	13.0968	23.1957	15.9027	52.2784	4	0
6/28/2015	1:00:00	13.1796	13.3621	14.5987	13.7879	53.0952	4	0
6/28/2015	2:00:00	13.1397	13.9125	14.5933	10.7972	52.891	4	0
6/28/2015	3:00:01	13.3842	14.924	19.2314	11.8949	52.891	4	0
6/28/2015	4:00:01	13.3342	15.3303	14.4769	20.3498	53.2994	4	0
6/28/2015	5:00:01	13.4269	16.1941	16.7639	23.0757	53.2994	4	0
6/28/2015	6:00:00	13.4269	16.1941	16.7639	11.589	52.2784	4	0
6/28/2015	7:00:00	14.2913	18.1379	22.1792	18.9939	51.4615	4	0
6/28/2015	8:03:44	0	0	0	0	19.6044	1	0

6/28/2015	9:00:01	0	0	0	0	19.196	3	0
6/28/2015	10:00:00	0	0	0	8.95674	19.6044	4	0
6/28/2015	11:00:00	0	0	0	11.564	19.6044	4	0
6/28/2015	12:00:01	0	0	9.71387	9.35487	19.8086	4	0
6/28/2015	13:00:01	0	0	9.98329	10.2321	19.196	4	0
6/28/2015	14:00:00	0	0	9.83416	10.4719	18.9918	4	0
6/28/2015	15:00:01	0	0	12.3998	10.9311	19.6044	4	0
6/28/2015	16:00:01	0	0	15.9598	17.1839	20.0128	4	0
6/28/2015	17:00:00	0	0	9.46135	10.2895	20.0128	4	0
6/28/2015	18:00:00	0	0	21.9852	17.1836	20.217	4	0
6/28/2015	19:00:01	0	0	16.2265	13.5194	20.4212	4	0
6/28/2015	20:00:01	0	0	9.70197	7.29129	20.4212	4	0
6/28/2015	21:00:00	0	0	9.43949	10.5942	20.4212	4	0
6/28/2015	22:00:00	0	0	11.0898	12.0192	20.4212	4	0
6/28/2015	23:00:00	0	12.2158	11.6246	14.0335	20.0128	4	0
6/29/2015	0:00:00	0	12.3921	11.982	16.0306	21.0339	4	0
6/29/2015	1:00:00	0	12.6945	13.1058	17.4231	20.4212	4	0
6/29/2015	2:00:01	0	13.0393	13.7512	15.5507	20.4212	4	0
6/29/2015	3:00:01	0	13.2021	13.8747	16.9382	20.217	4	0
6/29/2015	4:00:00	0	13.2021	13.8747	16.9101	20.4212	4	0
6/29/2015	5:00:00	0	13.5759	15.0347	15.9362	20.6255	4	0
6/29/2015	6:00:00	0	13.0299	15.4127	15.3973	20.6255	4	0
6/29/2015	7:00:01	0	13.0842	16.4256	13.335	20.8297	4	0
6/29/2015	8:00:01	0	13.546	14.7168	10.6262	20.217	4	0
6/29/2015	9:00:00	0	13.6893	10.3357	10.4607	19.6044	4	0
6/29/2015	10:00:00	0	13.467	8.7646	10.0345	19.8086	4	0
6/29/2015	11:00:01	12.82	13.1695	7.23326	8.27325	20.217	4	0
6/29/2015	12:00:01	12.6665	12.6884	6.88156	6.73678	19.4002	4	0
6/29/2015	13:00:01	12.5606	12.1479	6.36944	5.42017	19.8086	4	0
6/29/2015	14:00:00	12.5343	11.7349	9.01893	8.58883	19.196	4	0
6/29/2015	15:00:00	12.4629	11.5538	12.918	7.51669	20.6255	4	0
6/29/2015	16:00:01	12.3165	11.3421	12.3898	15.0468	20.0128	4	0
6/29/2015	17:00:01	12.3489	10.9435	10.5646	10.9242	20.6254	4	0
6/29/2015	18:00:00	11.7946	10.4294	9.71242	12.9105	20.4212	4	0
6/29/2015	19:00:00	11.5756	10.0474	12.4481	15.5282	20.4212	4	0
6/29/2015	20:00:01	11.6761	9.89871	13.3137	19.4311	20.217	4	0

6/29/2015	21:00:01	12.2064	10.9044	22.3379	21.802	20.4212	4	0
6/29/2015	22:00:01	12.4846	11.6883	18.2931	14.2446	21.0339	4	0
6/29/2015	23:00:00	12.7087	12.5022	16.7875	17.7396	21.2381	4	0
6/30/2015	0:00:00	12.8563	13.2601	16.2091	17.2622	21.2381	4	0
6/30/2015	1:00:01	13.0093	14.151	17.1823	17.1681	21.4423	4	0
6/30/2015	2:00:01	13.1528	14.839	16.9896	19.3485	21.2381	4	0
6/30/2015	3:00:00	13.2685	15.1712	16.8209	15.5387	21.0339	4	0
6/30/2015	4:00:00	13.3774	15.6206	17.7962	18.7415	21.0339	4	0
6/30/2015	5:00:01	13.5103	16.2748	18.3849	20.8313	21.6465	4	0
6/30/2015	6:00:01	13.7245	17.1585	19.6982	21.312	21.2381	4	0
6/30/2015	7:00:00	14.0067	18.0142	21.7203	22.2673	21.2381	4	0
6/30/2015	8:00:00	14.2147	18.515	18.7316	17.4459	21.0339	4	0
6/30/2015	9:00:01	14.6355	18.288	18.5148	22.1665	20.8297	4	0
6/30/2015	10:00:01	15.1214	18.423	19.6397	19.0581	21.4423	4	0
6/30/2015	11:00:01	15.7745	18.8814	21.9185	23.709	21.4423	4	0
6/30/2015	12:00:00	16.6694	19.8205	26.9118	28.9993	21.8507	4	0
6/30/2015	13:00:00	17.7166	20.9659	31.0714	34.9633	21.6465	4	0
6/30/2015	14:00:01	18.6628	22.1518	31.4707	35.1398	21.4423	4	0
6/30/2015	15:00:01	19.6412	23.7286	35.689	34.7644	22.4634	4	0
6/30/2015	16:00:00	20.4829	24.9168	32.3754	30.2205	22.2591	4	0
6/30/2015	17:00:00	21.0751	25.4973	27.4502	29.1417	22.6676	4	0
6/30/2015	18:00:00	21.7139	25.9128	25.1382	24.9762	22.2592	4	0
6/30/2015	19:00:01	22.0817	25.9806	24.9999	26.9355	23.076	4	0
6/30/2015	20:00:01	22.5302	26.5229	26.9981	30.7814	23.4844	4	0
6/30/2015	21:00:00	22.4607	26.8592	24.9648	28.7857	23.8928	4	0
6/30/2015	22:00:00	22.6849	27.2137	23.558	31.383	23.8928	4	0
6/30/2015	23:00:01	22.9434	27.39	24.6689	20.9932	24.0971	4	0
7/1/2015	0:00:01	22.9756	26.6541	18.0329	19.032	24.7097	4	0
7/1/2015	1:00:00	22.6427	24.988	11.4598	12.5039	24.7097	4	0
7/1/2015	2:00:00	22.3055	23.2442	10.2372	12.9205	25.1181	4	0
7/1/2015	3:00:00	22.0769	21.3001	10.7725	10.9226	24.7097	4	0
7/1/2015	4:00:01	21.8026	19.6686	11.9011	11.885	24.9139	4	0
7/1/2015	5:00:01	21.5546	18.4822	12.2752	15.4467	24.5055	4	0
7/1/2015	6:00:00	21.2659	17.4206	10.9322	6.58942	24.7097	4	0
7/1/2015	11:00:00	0	0	0	0	22.6676	1	33554496
7/1/2015	12:00:01	0	0	0	0	24.5055	3	0

7/1/2015	13:00:01	0	0	0	22.3852	23.8928	4	0
LOST POWER	44 hours down							
7/3/2015	10:00:00	0	0	0	0	22.6676	3	0
7/3/2015	11:00:00	0	0	0	22.9417	23.4844	4	0
7/3/2015	12:00:00	0	0	0	17.8871	23.8928	4	0
7/3/2015	13:00:01	0	0	24.3076	43.0689	23.6886	4	0
7/3/2015	14:00:00	0	0	21.8681	20.0187	23.6886	4	0
7/3/2015	15:00:00	0	0	16.3244	15.2538	23.4844	4	0
7/3/2015	16:00:01	0	0	18.3553	15.2195	24.3013	4	0
7/3/2015	17:00:01	0	0	19.7326	22.2131	24.3013	4	0
7/3/2015	18:00:00	0	0	21.1336	23.082	24.7097	4	0
7/3/2015	19:00:01	0	0	24.6147	25.1964	25.1181	4	0
7/3/2015	20:00:01	0	0	22.7548	19.2592	25.3223	4	0
7/3/2015	21:00:00	0	0	18.8323	14.1468	25.935	4	0
7/3/2015	22:00:00	0	0	19.5573	23.0387	26.5476	4	0
7/3/2015	23:00:01	0	0	35.2982	44.2525	26.1392	4	0
7/4/2015	0:00:01	0	22.9638	37.3684	37.3477	27.7729	4	0
7/4/2015	1:00:00	0	23.5979	31.7829	31.3513	28.3855	4	0
7/4/2015	2:00:01	0	23.9447	26.2212	24.8802	29.2024	4	0
7/4/2015	3:00:01	0	24.5333	22.5952	18.3118	30.0192	4	0
7/4/2015	4:00:00	0	24.2878	15.7789	15.3992	29.6108	4	0
7/4/2015	5:00:00	0	24.2361	18.3228	17.1474	30.0192	4	0
7/4/2015	6:00:01	0	24.3252	19.962	18.0109	29.4066	4	0
7/4/2015	7:00:00	0	24.7846	25.8531	18.0212	29.6108	4	0
7/4/2015	8:00:00	0	24.8184	21.7274	20.9283	28.7939	4	0
7/4/2015	9:00:01	0	24.1236	9.10072	4.41379	28.794	4	0
7/4/2015	10:00:01	0	23.5275	12.0797	14.9141	28.1813	4	0
7/4/2015	11:00:00	0	21.6636	12.9733	17.487	28.3855	4	0
7/4/2015	12:00:00	21.729	19.7545	14.6145	21.1574	28.3855	4	0
7/4/2015	13:00:01	21.4716	18.5395	18.4534	24.137	28.5897	4	0
7/4/2015	14:00:00	21.321	17.7637	17.6383	21.5411	28.9982	4	0
7/4/2015	15:00:00	21.5317	17.5705	20.9953	20.6234	28.5897	4	0
7/4/2015	16:00:01	21.4035	17.5526	16.7229	16.9086	28.3855	4	0
7/4/2015	17:00:01	21.4484	17.6421	19.6498	18.6122	29.4066	4	0
7/4/2015	18:00:00	21.4061	17.6798	21.632	24.8976	29.6108	4	0
7/4/2015	19:00:01	21.4025	17.6804	27.2495	31.4961	29.4066	4	0

7/4/2015	20:00:01	21.2895	17.8311	25.729	27.6702	29.815	4	0
7/4/2015	21:00:02	22.2934	20.7663	45.1217	42.3323	30.6319	4	0
7/4/2015	22:00:00	22.9873	22.872	37.9612	38.1038	31.2445	4	0
7/4/2015	23:00:01	24.398	27.674	71.4918	66.4597	31.8571	4	0
7/5/2015	0:00:01	25.5388	31.8551	63.7794	59.5607	32.4698	4	0
7/5/2015	1:00:00	26.1886	34.3574	48.7856	41.0206	32.674	4	0
7/5/2015	2:00:01	26.7889	36.3896	42.9889	47.9673	33.4908	4	0
7/5/2015	3:00:01	27.4881	37.9978	39.9085	45.5556	34.3077	4	0
7/5/2015	4:00:00	28.1149	39.2595	32.4295	32.8517	34.1035	4	0
7/5/2015	5:00:00	28.7572	40.5018	33.996	33.743	35.1245	4	0
7/5/2015	6:00:01	29.4626	41.7268	32.4099	32.0232	34.3077	4	0
7/5/2015	7:00:01	29.9536	42.5042	32.2034	34.5785	33.8993	4	0
7/5/2015	8:00:00	30.579	43.2362	28.7903	32.9953	33.4908	4	0
7/5/2015	9:00:00	31.38	41.6847	24.2556	21.6588	33.0824	4	0
7/5/2015	10:00:01	31.9305	40.4847	22.5651	24.6308	32.8782	4	0
7/5/2015	11:00:00	32.5145	36.541	25.3349	25.4594	33.4908	4	0
7/5/2015	12:00:00	33.0856	33.3324	26.0475	30.2162	32.8782	4	0
7/5/2015	13:00:01	33.4826	31.4056	26.7926	27.9005	33.2866	4	0
7/5/2015	14:00:00	33.7556	29.6767	23.7493	31.9931	33.2866	4	0
7/5/2015	15:00:00	33.9908	28.4333	26.584	24.9992	33.4908	4	0
7/5/2015	16:00:01	34.2771	27.6418	24.7104	20.7161	33.4908	4	0
7/5/2015	17:00:01	34.4128	26.701	24.8058	26.7293	33.8993	4	0
7/5/2015	18:00:00	34.599	26.183	27.8277	28.263	34.1035	4	0
7/5/2015	19:00:01	34.5613	25.8019	29.3091	35.9162	33.8993	4	0
7/5/2015	20:00:01	34.5306	25.84	31.5651	35.3026	34.5119	4	0
7/5/2015	21:00:00	33.9069	26.523	33.2504	30.8214	34.7161	4	0
7/5/2015	22:00:00	33.743	27.6804	37.2253	42.6316	35.3288	4	0
7/5/2015	23:00:01	32.264	28.6713	36.742	35.9242	35.7372	4	0
7/6/2015	0:00:01	31.1418	29.6261	36.5806	40.0292	35.9414	4	0
7/6/2015	1:00:00	30.3969	30.127	32.8646	32.9775	35.7372	4	0
7/6/2015	2:00:00	29.8256	30.7786	32.1101	35.3847	36.1456	4	0
7/6/2015	3:00:01	29.4433	31.2575	32.0564	34.1892	36.3498	4	0
7/6/2015	4:00:00	29.452	31.9562	31.7585	33.4051	36.3498	4	0
7/6/2015	5:00:00	29.3358	32.6123	32.5904	30.589	36.3498	4	0
7/6/2015	6:00:01	29.6964	33.6065	36.5219	41.9762	35.9414	4	0
7/6/2015	7:00:01	29.9728	34.303	35.134	40.385	35.7372	4	0

7/6/2015	8:00:00	30.4551	34.9491	38.0556	34.7269	35.7372	4	0
7/6/2015	9:00:00	31.2554	35.6115	39.0405	44.0802	35.3287	4	0
7/6/2015	10:00:01	31.9155	35.4944	34.2285	37.4987	34.9203	4	0
7/6/2015	11:00:00	32.1879	34.913	29.1564	30.1963	35.1245	4	0
7/6/2015	12:00:00	32.2852	34.0782	26.5126	24.7138	34.5119	4	0
7/6/2015	13:00:01	31.2698	32.108	18.029	11.6515	35.7372	4	0
7/6/2015	14:00:01	31.5285	31.4019	18.8109	25.2368	34.9203	4	0
7/6/2015	15:00:00	31.5421	30.7316	23.2455	22.6155	35.1245	4	0
7/6/2015	16:00:01	31.8851	30.6795	31.4128	4.19894	34.3077	4	0
7/6/2015	17:00:01	31.4004	29.1771	17.6544	16.5777	34.5119	4	0
7/6/2015	18:00:00	31.4842	28.5119	28.9395	30.2392	34.7161	4	0
7/6/2015	19:00:00	30.6161	26.8926	21.7571	18.5974	35.533	4	0
7/6/2015	20:00:01	30.1834	25.4046	19.3523	5.19751	35.533	4	0
7/6/2015	21:00:01	29.9454	24.5172	28.3603	12.6603	35.533	4	0
7/6/2015	22:00:00	28.3999	21.8646	2.80551	-2.35487	36.3498	4	0
7/6/2015	23:00:01	26.9773	19.7763	3.88158	4.42799	35.7372	4	0
7/7/2015	0:00:01	25.7506	18.2289	7.33322	9.50202	36.1456	4	0
7/7/2015	1:00:00	24.8901	17.7352	11.8662	13.6534	35.3287	4	0
7/7/2015	2:00:00	24.0169	17.1394	11.3	10.867	35.9414	4	0
7/7/2015	3:00:01	22.9978	15.8795	7.48546	6.78049	35.7372	4	0
7/7/2015	4:00:00	21.7353	13.834	7.85662	14.8739	35.9414	4	0
7/7/2015	5:00:00	20.8677	13.4939	13.6041	13.7274	36.7582	4	0
7/7/2015	6:00:01	19.7193	11.9597	9.88764	0.917834	36.554	4	0
7/7/2015	7:00:01	18.8509	11.3589	14.3088	16.2357	37.1667	4	0
7/7/2015	8:00:00	18.2629	11.715	23.2504	27.4415	37.9835	4	0
7/7/2015	9:00:00	18.043	12.0403	31.3059	33.7696	37.7793	4	0
7/7/2015	10:00:01	17.8802	14.1787	28.1023	30.3612	37.7793	4	0
7/7/2015	11:00:00	17.857	16.1014	26.4618	31.3558	36.9624	4	0
7/7/2015	12:00:00	18.1371	18.1189	30.7403	33.7933	37.5751	4	0
7/7/2015	13:00:01	20.7126	23.7703	79.5413	102.989	37.7793	4	0
7/7/2015	14:00:01	23.2084	29.3328	77.5226	58.5941	37.1667	4	0
7/7/2015	15:00:01	25.0805	34.3512	67.8014	62.9757	37.7793	4	0
7/7/2015	16:00:00	25.5559	37.2228	43.4421	29.76	38.1877	4	0
7/7/2015	17:00:01	25.9481	38.2886	25.9189	22.1535	38.1877	4	0
7/7/2015	18:00:01	25.8314	39.6168	27.7705	20.4216	38.3919	4	0
7/7/2015	19:00:00	25.8571	40.3091	25.2466	13.9607	38.8004	4	0

7/7/2015	20:00:01	25.3706	39.0561	12.3881	12.4332	39.413	4	0
7/7/2015	21:00:01	24.532	37.1455	10.7145	10.4669	39.6172	4	0
7/7/2015	22:00:01	24.7798	35.5927	9.88414	10.7862	40.0256	4	0
7/7/2015	23:00:00	25.0117	34.2698	11.5987	14.8963	40.434	4	0
7/8/2015	0:00:01	25.163	32.6913	11.164	11.9622	40.0256	4	0
7/8/2015	1:00:01	25.1044	27.1331	10.6226	13.8158	40.0256	4	0
7/8/2015	2:00:00	25.0578	21.7983	11.5919	12.8657	40.2298	4	0
7/8/2015	3:00:00	25.1719	17.1724	9.71856	9.49445	40.8425	4	0
7/8/2015	4:00:01	25.1663	14.2758	7.17726	8.1628	40.6383	4	0
7/8/2015	5:00:00	24.9574	12.7873	6.94415	8.4106	40.2298	4	0
7/8/2015	6:00:00	24.9303	11.2518	8.53383	11.0046	40.0256	4	0
7/8/2015	7:00:01	24.8796	10.1711	11.5963	11.698	40.434	4	0
7/8/2015	8:00:00	24.3724	10.018	10.3957	6.23207	40.434	4	0
7/8/2015	9:00:00	23.7251	10.1801	12.1368	14.4009	39.413	4	0
7/8/2015	10:00:00	23.9679	12.0651	32.3314	15.1118	40.0256	4	0
7/8/2015	11:00:01	23.7025	12.5419	16.8162	11.7465	39.6172	4	0
7/8/2015	12:00:00	23.1256	12.9996	16.8997	16.6419	40.2298	4	0
7/8/2015	13:00:00	20.7523	13.8679	21.0806	21.5121	39.2088	4	0
7/8/2015	14:00:01	18.2689	14.3181	17.4218	23.7625	40.0256	4	0
7/8/2015	15:00:01	16.2622	15.0222	18.1325	18.5714	39.8214	4	0
7/8/2015	16:00:01	14.7794	15.0651	8.21925	8.59934	40.4341	4	0
7/8/2015	17:00:00	13.9313	14.9295	5.62262	4.67293	40.0256	4	0
7/8/2015	18:00:01	13.1952	15.0178	9.55343	12.766	40.0256	4	0
7/8/2015	19:00:01	12.6019	14.9466	10.8557	12.3903	40.2299	4	0
7/8/2015	20:00:00	12.6019	14.9466	10.8557	14.9647	40.2298	4	0
7/8/2015	21:00:00	12.747	15.2609	13.2989	15.9009	40.0256	4	0
7/8/2015	22:00:01	13.0423	13.9899	17.383	20.3325	40.4341	4	0
7/8/2015	23:00:01	13.4068	14.2924	20.3268	20.1116	40.4341	4	0
7/9/2015	0:00:00	13.6834	14.3957	18.2995	19.8536	40.2299	4	0
7/9/2015	1:00:01	13.6893	13.5363	10.5175	6.04688	40.0256	4	0
7/9/2015	2:00:01	13.5389	12.7676	8.20603	8.03237	40.2299	4	0
7/9/2015	3:00:00	13.5389	12.0767	9.77355	10.1358	40.4341	4	0
7/9/2015	4:00:00	13.6181	12.1557	9.18179	10.0009	40.4341	4	0
7/9/2015	5:00:01	13.6802	12.4274	9.17851	7.66604	40.6383	4	0
7/9/2015	6:00:01	13.7339	12.4357	9.46372	12.5898	40.4341	4	0
7/9/2015	7:00:00	13.67	12.3467	9.51904	8.64063	40.2298	4	0

7/9/2015	8:00:00	13.718	12.2489	11.5865	10.5784	39.8214	4	0
7/9/2015	9:00:00	13.9424	12.4968	15.3901	15.0381	39.8214	4	0
7/9/2015	10:00:01	13.1019	12.0968	12.8643	12.5152	39.8214	4	0
7/9/2015	11:00:00	13.0459	11.6545	14.9318	20.0131	39.2088	4	0
7/9/2015	12:00:00	13.011	11.3929	14.8448	18.4855	39.0046	4	0
7/9/2015	13:00:01	12.7254	11.646	13.099	26.5978	39.0046	4	0
7/9/2015	14:00:01	12.4421	11.8965	11.6425	8.58814	39.2088	4	0
7/9/2015	15:00:00	12.2959	12.2628	13.769	14.598	38.5961	4	0
7/9/2015	16:00:01	12.5927	12.7914	15.886	14.0042	39.2088	4	0
7/9/2015	17:00:01	13.2292	13.7565	20.9028	13.301	38.8004	4	0
7/9/2015	18:00:00	13.435	14.1769	14.6894	24.6358	39.0046	4	0
7/9/2015	19:00:01	13.632	14.7668	17.8135	3.82521	39.8214	4	0
7/9/2015	20:00:01	13.8478	15.4096	20.9742	16.3586	40.8425	4	0
7/9/2015	21:00:00	14.2011	16.0079	23.3221	22.1335	41.2509	4	0
7/9/2015	22:00:00	14.3732	16.7626	22.2294	28.2961	41.4551	4	0
7/9/2015	23:00:01	14.4113	17.2999	21.2	20.1118	41.6593	4	0
7/10/2015	0:00:01	14.4999	17.8131	21.3067	21.1418	42.0678	4	0
7/10/2015	1:00:00	14.8682	18.3597	19.4115	20.084	41.6593	4	0
7/10/2015	2:00:01	15.1799	18.7278	16.0862	12.6772	42.0678	4	0
7/10/2015	3:00:01	15.0239	18.1365	6.83419	8.0078	42.0678	4	0
7/10/2015	4:00:00	14.8987	17.3847	6.83001	5.13468	42.0678	4	0
7/10/2015	5:00:00	14.8394	16.3531	7.99999	9.76329	42.0678	4	0
7/10/2015	6:00:01	15.1121	16.4447	14.6301	17.3932	42.0678	4	0
7/10/2015	7:00:00	16.319	18.0923	35.86	50.3667	41.6593	4	0
7/10/2015	8:00:00	17.5784	19.7723	40.1395	53.532	41.6593	4	0
7/10/2015	9:00:01	18.3627	20.4889	29.5508	23.3419	40.4341	4	0
7/10/2015	10:00:01	18.8754	20.5624	21.5352	20.1752	40.2298	4	0
7/10/2015	11:00:00	18.8979	20.0559	15.7204	14.375	40.4341	4	0
7/10/2015	12:00:01	19.086	19.8132	18.576	15.9428	40.0256	4	0
7/10/2015	13:00:00	19.2832	19.6872	19.1196	18.01	40.6383	4	0
7/10/2015	14:00:00	19.6334	19.8627	17.2889	16.5809	40.0256	4	0
7/10/2015	15:00:01	19.8421	20.8211	18.1605	20.7232	39.8214	4	0
7/10/2015	16:00:01	19.9811	21.8542	19.5014	14.945	40.2298	4	0
7/10/2015	17:00:00	19.8598	22.7053	18.8805	13.4996	40.6383	4	0
7/10/2015	18:00:01	19.9439	22.9453	19.671	13.227	41.0467	4	0
7/10/2015	19:00:01	20.162	21.9039	25.496	45.4502	41.4551	4	0

7/10/2015	20:00:00	20.0047	20.1006	20.6335	24.6116	41.8635	4	0
7/10/2015	21:00:00	19.878	19.4696	22.9569	26.9443	42.8846	4	0
7/10/2015	22:00:01	19.8077	19.4851	21.8534	20.3149	43.0888	4	0
7/10/2015	23:00:01	19.9756	20.3441	26.0764	30.0093	43.0888	4	0
7/11/2015	0:00:00	19.8361	20.3881	19.2191	16.7792	43.4972	4	0
7/11/2015	1:00:01	19.7905	20.4028	19.2841	16.3236	43.293	4	0
7/11/2015	2:00:01	19.9713	20.7061	20.308	20.7952	43.4972	4	0
7/11/2015	3:00:00	20.382	20.6795	17.764	11.817	43.7015	4	0
7/11/2015	4:00:00	20.7569	20.4276	15.7538	21.7342	43.7015	4	0
7/11/2015	5:00:01	21.3158	20.6818	21.1907	23.1782	44.1099	4	0
7/11/2015	6:00:00	21.7546	21.0648	22.5049	23.0623	43.7015	4	0
7/11/2015	7:00:01	21.1692	20.7478	20.7152	18.3113	43.0888	4	0
7/11/2015	8:00:00	20.3318	20.6384	18.3498	16.9223	42.6804	4	0
7/11/2015	9:00:00	20.0491	20.4737	19.5742	22.0685	42.8846	4	0
7/11/2015	10:00:01	19.7419	19.7554	13.0273	8.6901	42.4762	4	0
7/11/2015	11:00:00	19.7256	18.8576	16.0992	18.7912	42.8846	4	0
7/11/2015	12:00:00	19.5493	18.3981	13.8798	13.3407	43.293	4	0
7/11/2015	13:00:00	19.3136	17.8854	13.5998	9.56369	43.0888	4	0
7/11/2015	14:00:00	19.1654	17.2514	12.7067	21.459	43.0888	4	0
7/11/2015	15:00:01	18.7549	16.3658	7.10037	2.17053	43.293	4	0
7/11/2015	16:00:01	18.3756	15.8805	10.346	11.7063	43.0888	4	0
7/11/2015	17:00:00	18.1031	14.9697	9.83892	12.6174	42.8846	4	0
7/11/2015	18:00:01	17.8391	14.2834	15.5529	16.6783	42.6804	4	0
7/11/2015	19:00:01	17.3456	13.7019	14.2222	13.296	43.293	4	0
7/11/2015	20:00:01	17.01	13.2351	13.0118	17.5894	43.293	4	0
7/11/2015	21:00:00	16.5435	12.6296	12.5014	17.2616	43.4972	4	0
7/11/2015	22:00:01	16.2683	12.827	15.3105	12.1346	43.9057	4	0
7/11/2015	23:00:01	15.7134	12.5836	13.2222	12.0572	44.1099	4	0
7/12/2015	0:00:00	15.5192	12.6532	14.6274	16.5771	44.1099	4	0
7/12/2015	1:00:00	15.2168	12.5602	12.5665	13.2018	43.9057	4	0
7/12/2015	2:00:01	14.8524	12.5157	12.3107	8.30039	44.5183	4	0
7/12/2015	3:00:00	14.7056	13.1188	14.1598	13.4543	44.1099	4	0
7/12/2015	4:00:00	14.5944	13.3991	13.9186	12.499	44.3141	4	0
7/12/2015	5:00:01	14.4466	14.0821	17.9263	24.8205	44.9267	4	0
7/12/2015	6:00:01	14.1862	14.1589	16.3103	17.0819	44.9267	4	0
7/12/2015	7:00:01	14.0301	14.3599	16.06	13.2984	44.5183	4	0

7/12/2015	8:00:00	13.9603	14.576	14.3819	21.8587	43.9057	4	0
7/12/2015	9:00:01	13.6168	14.479	11.3822	12.5878	43.4972	4	0
7/12/2015	10:00:00	13.5706	14.1414	10.7802	-3.4958	43.7015	4	0
7/12/2015	11:00:00	13.4544	14.1086	12.4644	9.89534	43.9057	4	0
7/12/2015	12:00:00	13.3511	13.833	11.5184	17.9192	43.7015	4	0
7/12/2015	13:00:00	13.2522	13.6603	9.95118	16.3465	43.7015	4	0
7/12/2015	14:00:01	13.1706	13.5226	10.8903	22.0993	43.0888	4	0
7/12/2015	15:00:01	13.384	13.2953	11.2661	11.9422	43.4972	4	0
7/12/2015	16:00:00	13.6367	13.4936	16.767	17.3792	43.0888	4	0
7/12/2015	17:00:01	13.8661	13.224	15.0229	18.9081	43.4972	4	0
7/12/2015	18:00:01	13.7867	13.0941	16.2077	14.9863	43.9057	4	0
7/12/2015	19:00:00	13.6821	12.7793	13.0749	16.1674	44.3141	4	0
7/12/2015	20:00:00	13.5232	12.3745	9.81175	11.2648	44.3141	4	0
7/12/2015	21:00:01	13.4405	12.365	11.7974	11.4631	45.3352	4	0
7/12/2015	22:00:01	13.2589	12.4158	11.5553	13.9222	44.7225	4	0
7/12/2015	23:00:00	13.2936	12.5609	14.0743	13.3035	45.5394	4	0
7/13/2015	0:00:01	13.2163	12.6734	12.688	13.2716	45.5394	4	0
7/13/2015	1:00:01	13.1579	12.8054	11.5514	14.7492	45.5394	4	0
7/13/2015	2:00:00	13.2282	13.0673	13.709	15.8432	45.1309	4	0
7/13/2015	3:00:00	13.1574	13.2181	13.1968	11.4702	45.7436	4	0
7/13/2015	4:00:01	13.3024	13.2857	17.0831	24.2606	45.9478	4	0
7/13/2015	5:00:00	13.3108	13.5993	18.7018	12.7844	45.5394	4	0
7/13/2015	6:00:00	13.9148	14.8147	30.2738	33.6629	45.9478	4	0
7/13/2015	7:00:01	13.1999	13.8053	2.97096	4.92831	46.5604	4	0
7/13/2015	8:00:01	13.18	14.0791	12.0654	16.3872	46.3562	4	0
7/13/2015	9:00:00	13.0637	13.814	8.56316	10.2519	46.7646	4	0
7/13/2015	10:00:00	13.3467	14.2076	14.8796	11.8865	45.3352	4	0
7/13/2015	11:00:01	13.4546	14.2115	13.2887	19.2081	45.3352	4	0
7/13/2015	12:00:01	13.8172	14.7786	18.9293	10.1007	44.7225	4	0
7/13/2015	13:00:00	14.354	15.6541	21.5107	-3.204	44.9267	4	0
7/13/2015	14:00:01	14.9912	16.6842	26.3868	10.6983	45.5394	4	0
7/13/2015	15:00:01	7.92353	2.24989	-161.524	-1873.89	38.5961	4	0
7/13/2015	16:00:00	-23.9704	-61.5001	-747.614	-2.82495	41.6593	4	0
7/13/2015	17:00:01	-24.1855	-62.0228	-4.74471	20.1838	44.7225	4	0
7/13/2015	18:00:01	-24.7425	-64.377	5.98808	6.70916	45.1309	4	0
7/13/2015	19:00:01	-24.2959	-62.5854	20.5377	15.7777	47.1731	4	0

7/13/2015	20:00:00	-24.4909	-63.2599	10.4014	18.0816	47.1731	4	0
7/13/2015	21:00:01	-24.1259	-62.218	18.1351	12.0424	47.5815	4	0
7/13/2015	22:00:01	-23.8774	-61.9163	13.0674	19.6773	48.8068	4	0
7/13/2015	23:00:00	-23.8401	-61.7279	12.8684	13.4675	49.6236	4	0
7/14/2015	0:00:00	-23.8712	-62.2997	12.7706	12.1634	50.032	4	0
7/14/2015	1:00:01	-23.6786	-62.6986	15.7471	18.3984	50.8489	4	0
7/14/2015	2:00:00	-23.4434	-63.1914	17.0085	22.314	51.87	4	0
7/14/2015	3:00:00	-23.1967	-48.6723	19.0939	17.5326	52.4826	4	0
7/14/2015	4:00:01	-23.0715	13.3158	19.6103	21.0972	53.5037	4	0
7/14/2015	5:00:01	-22.9068	15.5339	22.0539	27.2725	54.5247	4	0
7/14/2015	6:00:00	-23.2943	17.1582	24.5649	27.5511	54.9331	4	0
7/14/2015	7:00:00	-22.6113	17.5187	23.729	24.4532	54.7289	4	0
7/14/2015	8:00:01	-22.358	18.6131	22.3882	11.9729	55.1373	4	0
7/14/2015	9:00:00	-22.1106	18.4062	15.4804	13.7124	55.3416	4	0
7/14/2015	10:00:00	-22.2112	18.4969	13.9098	14.3691	54.9331	4	0
7/14/2015	11:00:01	-22.1671	18.8727	16.8573	21.8966	55.3416	4	0
7/14/2015	12:00:01	-22.3087	18.915	13.9572	32.1462	55.9542	4	0
7/14/2015	13:00:00	-22.7988	18.3034	8.87528	6.08336	56.1584	4	0
7/14/2015	14:00:01	-23.517	17.6149	9.04303	11.7021	56.3626	4	0
7/14/2015	15:00:01	-16.4383	16.9417	11.343	14.1629	56.1584	4	0
7/14/2015	16:00:00	14.8795	16.2201	11.5069	10.5685	56.771	4	0
7/14/2015	17:00:00	15.4615	15.1575	10.2714	4.76627	57.1795	4	0
7/14/2015	18:00:01	15.6081	13.9179	10.2806	7.92722	57.7921	4	0
7/14/2015	19:00:01	15.3507	13.2976	17.5406	20.8659	59.2216	4	0
7/14/2015	20:00:00	15.6055	12.8949	17.7614	16.1404	60.2427	4	0
7/14/2015	21:00:01	15.3628	12.762	14.534	7.34638	61.6721	4	0
7/14/2015	22:00:01	15.235	12.5205	11.1697	6.05613	62.489	4	0
7/14/2015	23:00:00	15.0619	11.9579	10.1245	10.3473	63.7143	4	0
7/15/2015	0:00:00	14.7816	11.326	5.96978	4.25317	64.1227	4	0
7/15/2015	1:00:00	14.5205	11.4583	10.7772	10.0069	65.348	4	0
7/15/2015	2:00:00	14.1499	11.403	8.29397	9.33103	65.348	4	0
7/15/2015	3:00:01	13.7451	11.2767	9.70243	11.7437	66.1648	4	0
7/15/2015	4:00:01	13.4169	11.3207	11.8281	14.3621	67.1859	4	0
7/15/2015	5:00:00	13.0682	11.6028	13.4451	14.8335	66.9817	4	0
7/15/2015	6:00:00	12.6928	11.9446	13.5014	14.6769	67.3901	4	0
7/15/2015	7:00:01	12.4493	11.8757	15.6017	16.1446	66.9817	4	0

7/15/2015	8:00:00	12.2407	11.7313	14.9965	13.4522	66.5732	4	0
7/15/2015	9:00:00	12.543	12.2961	20.3888	22.0138	66.1648	4	0
7/15/2015	10:00:01	12.7712	12.927	18.5515	22.7886	66.1648	4	0
7/15/2015	11:00:01	13.0135	13.8808	21.0859	18.5341	65.9606	4	0
7/15/2015	12:00:00	13.1835	14.841	17.2535	19.7188	66.369	4	0
7/15/2015	13:00:01	13.5055	15.2857	16.1599	20.5499	67.3901	4	0
7/15/2015	14:00:01	14.1751	16.6464	24.5149	24.0286	67.5943	4	0
7/15/2015	15:00:00	14.6285	17.6732	22.5749	26.3635	68.4112	4	0
7/15/2015	16:00:00	15.6394	19.6472	36.2402	20.8686	69.4322	4	0
7/15/2015	17:00:00	16.1107	20.3033	22.1606	23.8853	70.8617	4	0
7/15/2015	18:00:01	16.8503	21.4879	28.2472	45.6282	72.087	4	0
7/15/2015	19:00:01	17.2374	22.415	27.4886	29.1075	73.5165	4	0
7/15/2015	20:00:00	17.1019	22.4846	19.1212	26.0689	76.3754	4	0
7/15/2015	21:00:01	17.1515	22.1472	17.18	18.2468	77.8049	4	0
7/15/2015	22:00:01	17.4043	22.0725	17.7701	22.2856	78.826	4	0
7/15/2015	23:00:00	17.639	21.6759	16.1407	14.4545	79.6429	4	0
7/16/2015	0:00:00	18.1255	21.7617	18.2727	18.9022	81.2765	4	0
7/16/2015	1:00:01	18.4386	21.9777	18.4243	23.7182	82.706	4	0
7/16/2015	2:00:00	18.8054	21.4283	17.334	20.4747	83.3187	4	0
7/16/2015	3:00:00	19.151	21.1013	18.0201	14.3319	84.3397	4	0
7/16/2015	4:00:01	19.4374	19.7373	18.9851	21.7356	84.7481	4	0
7/16/2015	5:00:01	19.6768	19.519	18.7544	14.8734	86.5861	4	0
7/16/2015	6:00:00	20.0173	19.023	21.5831	24.8681	87.8113	4	0
7/16/2015	7:00:00	20.2131	18.4159	19.1578	15.6045	87.4029	4	0
7/16/2015	8:00:01	20.5586	18.663	21.0949	22.3867	87.4029	4	0
7/16/2015	9:00:01	20.3673	18.5428	15.9268	13.1665	89.2408	4	0
7/16/2015	10:00:00	20.5308	18.785	19.616	25.2672	89.445	4	0
7/16/2015	11:00:01	20.6282	19.2954	21.8428	17.957	89.8535	4	0
7/16/2015	12:00:01	20.7685	19.3161	17.4838	15.1663	89.6493	4	0
7/16/2015	13:00:00	20.8878	19.1603	15.4037	19.9263	90.2619	4	134217728
7/16/2015	14:00:00	20.7206	19.309	18.927	25.4919	89.8535	4	0
7/16/2015	15:00:01	20.8384	19.8338	24.4096	24.4063	90.4661	4	134217728
7/16/2015	16:00:01	20.3727	20.3667	26.6258	31.1984	91.4872	4	134217728
7/16/2015	17:00:00	20.6563	21.1916	29.3293	29.4191	93.7335	4	134217728
7/16/2015	18:00:01	20.6181	21.6989	29.1143	28.41	95.9798	4	134217728
7/16/2015	19:00:01	20.5055	22.1562	25.2701	31.0263	97.0009	4	134217728

7/16/2015	20:00:00	20.9877	22.9762	31.6977	31.7771	99.4514	4	134217728
7/16/2015	21:00:00	21.4053	23.934	27.8925	28.5783	100.268	4	134217728
7/16/2015	22:00:01	21.7907	24.5193	26.2612	23.4725	101.902	4	134217728
7/16/2015	23:00:00	22.0326	24.5628	22.9916	15.8172	102.719	4	134217728
7/17/2015	0:00:00	21.835	24.2596	13.8416	16.4444	103.536	4	134217728
7/17/2015	1:00:01	21.5517	23.9208	10.306	7.18405	104.148	4	134217728
7/17/2015	2:00:01	21.2635	23.31	12.3192	8.93454	104.557	4	134217728
7/17/2015	3:00:00	20.8976	22.1378	10.6564	11.421	104.965	4	134217728
7/17/2015	4:00:00	20.5805	20.9398	12.2853	14.5769	106.19	4	134217728
7/17/2015	5:00:01	20.3978	19.7699	15.3157	16.2762	106.599	4	134217728
7/17/2015	6:00:00	20.5481	19.3315	22.1712	32.3757	106.395	4	134217728
7/17/2015	7:00:00	20.9314	19.5333	26.9568	29.7403	106.599	4	134217728
7/17/2015	8:00:01	21.0417	18.8061	22.5467	26.117	106.599	4	134217728
7/17/2015	9:00:01	21.5964	18.8004	27.2481	27.6882	106.395	4	134217728
7/17/2015	10:00:00	22.2371	19.4349	33.5101	45.5775	108.028	4	134217728
7/17/2015	11:00:01	22.749	20.3382	34.0026	43.3364	109.254	4	134217728
7/17/2015	12:00:01	23.3218	21.748	30.5616	21.2961	110.07	4	134217728
7/17/2015	13:00:00	23.9559	23.3846	29.4367	10.2267	111.704	4	134217728
7/17/2015	14:00:00	24.269	24.597	27.4529	5.20519	113.542	4	134217728
7/17/2015	15:00:01	-15.0089	-52.66	-914.47	-22.5175	59.63	4	0
7/17/2015	16:00:01	-16.2505	-54.0913	1.20918	14.1797	58.8132	4	0
7/17/2015	17:00:00	-17.4368	-55.2908	2.09408	-1.47798	59.8342	4	0
7/17/2015	18:00:01	-17.8702	-55.4663	16.8802	27.872	61.6721	4	0
7/17/2015	19:00:01	-18.9243	-57.7015	0.634149	53.5679	56.771	4	0
7/17/2015	20:00:00	-41.8333	-102.535	-523.276	33.1666	37.7793	4	0
7/17/2015	21:00:00	-85.0192	-188.749	-1012.17	-4519.89	33.2866	4	0
7/17/2015	22:00:01	-88.2736	-195.754	-58.7849	-15.2336	33.2866	4	0
7/17/2015	23:00:00	-88.696	-197.436	10.3428	15.0346	34.9203	4	0
7/18/2015	0:00:00	-88.6289	-198.602	10.9251	-8.7713	34.9203	4	0
7/18/2015	1:00:01	-88.0806	-198.942	12.2602	10.9909	35.9414	4	0
7/18/2015	2:00:01	-88.0762	-200.12	10.8058	16.9808	36.554	4	0
7/18/2015	3:00:00	-88.0762	-200.12	10.8058	13.901	37.3709	4	0
7/18/2015	4:00:00	-87.9211	-123.37	19.5767	29.7971	37.5751	4	0
7/18/2015	5:00:01	-87.4716	-121.535	19.5189	28.0366	37.9835	4	0
7/18/2015	6:00:01	-88.2314	-122.031	25.3192	26.6639	38.1877	4	0
7/18/2015	7:00:00	-88.5945	-120.453	22.4421	16.0746	38.5961	4	0

7/18/2015	8:00:01	-88.7649	-75.2116	25.2486	28.9399	39.0046	4	0
7/18/2015	9:00:01	-89.1141	11.4683	26.0336	34.2481	38.8004	4	0
7/18/2015	10:00:00	-89.8356	18.5425	24.9369	20.8748	39.0046	4	0
7/18/2015	11:00:01	-92.9426	15.1121	-31.453	40.8888	37.1667	4	0
7/18/2015	12:00:01	-93.1379	16.1191	23.3145	21.6719	37.3709	4	0
7/18/2015	13:00:01	-93.3068	17.2347	25.8307	7.55384	37.3709	4	0
7/18/2015	14:00:00	-93.4954	18.5183	26.1708	21.3413	37.9835	4	0
7/18/2015	15:00:01	-53.8204	20.3451	35.0183	7.24505	38.1877	4	0
7/18/2015	16:00:01	-52.8773	20.2517	19.4719	21.0443	39.2088	4	0
7/18/2015	17:00:00	-52.3587	19.8297	14.813	24.4097	39.0046	4	0
7/18/2015	18:00:01	-52.0973	19.2306	18.997	21.9389	39.8214	4	0
7/18/2015	19:00:01	-51.2561	18.2339	11.8534	11.749	40.8425	4	0
7/18/2015	20:00:00	-28.99	16.8257	9.05723	14.5247	41.2509	4	0
7/18/2015	21:00:00	13.5469	15.7409	13.5722	15.9207	42.0678	4	0
7/18/2015	22:00:01	16.5384	14.8461	14.1521	15.002	42.6804	4	0
7/18/2015	23:00:00	16.68	18.5471	13.9063	12.57	42.8846	4	0
7/19/2015	0:00:00	16.9776	18.1173	17.2963	19.5801	43.4972	4	0
7/19/2015	1:00:00	17.2752	17.6163	19.2297	27.3694	43.9057	4	0
7/19/2015	2:00:01	17.5318	16.9328	17.8309	11.2873	44.1099	4	0
7/19/2015	3:00:00	17.7677	15.6471	18.9304	23.3326	44.3141	4	0
7/19/2015	4:00:00	17.6905	15.5568	18.2266	16.5848	45.1309	4	0
7/19/2015	5:00:01	17.6472	15.9196	19.1655	21.7636	45.7436	4	0
7/19/2015	6:00:01	17.4043	15.9558	18.9393	22.7823	45.9478	4	0
7/19/2015	7:00:00	17.3247	16.5987	18.7382	9.41299	45.9478	4	0
7/19/2015	8:00:01	17.1377	17.486	18.8782	21.3424	45.9478	4	0
7/19/2015	9:00:01	16.6841	17.54	13.5622	15.5117	46.152	4	0
7/19/2015	10:00:00	16.082	17.1913	9.87141	9.45975	45.7436	4	0
7/19/2015	11:00:01	17.9704	17.1721	13.3473	8.87677	46.3562	4	0
7/19/2015	12:00:01	17.5922	16.9163	14.7011	16.4397	46.7646	4	0
7/19/2015	13:00:02	17.0816	16.4125	13.3622	12.3792	46.9689	4	0
7/19/2015	14:00:00	16.6091	16.1167	14.4017	15.6594	47.1731	4	0
7/19/2015	15:00:01	15.8075	15.7917	15.144	12.2919	46.9689	4	0
7/19/2015	16:00:01	15.499	15.2762	12.608	20.5793	47.7857	4	0
7/19/2015	17:00:00	15.4172	14.7082	12.5057	14.1937	47.1731	4	0
7/19/2015	18:00:01	15.2275	14.3602	15.5542	17.0875	48.1941	4	0
7/19/2015	19:00:01	15.2363	13.8552	13.3343	19.7775	48.6026	4	0

7/19/2015	20:00:00	15.3993	13.5146	15.9235	13.4148	49.4194	4	0
7/19/2015	21:00:00	15.3423	13.4671	13.2865	16.0209	50.2363	4	0
7/19/2015	22:00:01	15.3148	13.8337	14.6544	14.1742	51.0531	4	0
7/19/2015	23:00:00	15.2469	13.7923	12.8545	12.8176	51.87	4	0
7/20/2015	0:00:00	15.0909	13.7191	13.6126	16.4022	51.2573	4	0
7/20/2015	1:00:00	14.7999	13.6468	12.3819	18.2816	52.2784	4	0
7/20/2015	2:00:01	14.5647	13.4744	12.0079	17.0723	52.4826	4	0
7/20/2015	3:00:00	14.2147	13.115	10.5696	10.9596	52.891	4	0
7/20/2015	4:00:00	13.8004	12.7798	8.48869	2.28371	53.2994	4	0
7/20/2015	5:00:01	13.3612	12.4316	7.73266	7.50938	53.5037	4	0
7/20/2015	6:00:00	13.5065	12.8281	18.2562	14.2171	52.2784	4	0
7/20/2015	7:00:00	13.5163	13.235	17.5042	20.4446	52.2784	4	0
7/20/2015	8:00:01	13.45	13.2435	15.1787	14.5703	52.4826	4	0
7/20/2015	9:00:01	13.747	13.8167	20.091	14.9573	52.4826	4	0
7/20/2015	10:00:00	14.1517	14.1659	18.7566	20.447	52.4826	4	0
7/20/2015	11:00:01	14.244	14.3079	14.2474	16.515	52.4826	4	0
7/20/2015	12:00:01	14.2968	14.4237	14.8265	23.9249	51.6657	4	0
7/20/2015	13:00:01	14.3437	14.5398	13.8201	15.9917	52.0742	4	0
7/20/2015	14:00:00	14.4834	14.9637	17.178	18.5311	51.6657	4	0
7/20/2015	15:00:01	14.4283	15.321	16.6023	19.1858	53.2994	4	0
7/20/2015	16:00:01	14.4671	15.8636	17.1597	7.8881	54.3205	4	0
7/20/2015	17:00:00	14.2928	15.8198	6.17972	7.30532	53.2994	4	0
7/20/2015	18:00:00	14.1127	15.18	10.3994	12.5002	53.2994	4	0
7/20/2015	19:00:01	14.0701	14.7713	13.2703	15.0139	53.7079	4	0
7/20/2015	20:00:00	13.8294	14.4936	13.494	11.8308	54.5247	4	0
7/20/2015	21:00:00	13.8774	14.0183	13.9147	14.5187	54.9331	4	0
7/20/2015	22:00:01	13.5611	13.1236	8.37057	6.58045	55.5458	4	0
7/20/2015	23:00:01	13.4199	12.7415	9.29154	7.41025	55.5458	4	0
7/21/2015	0:00:00	13.2614	12.4295	11.4487	13.8403	56.5668	4	0
7/21/2015	1:00:00	13.2517	12.3473	12.6512	16.6767	56.3626	4	0
7/21/2015	2:00:01	13.1466	11.8088	10.6396	5.81156	57.1795	4	0
7/21/2015	3:00:00	13.1466	11.8088	10.6396	16.99	57.1795	4	0
7/21/2015	4:00:00	13.2563	10.9589	12.1357	10.9841	57.9963	4	0
7/21/2015	5:00:01	13.4229	11.4626	12.3597	16.1499	58.609	4	0
7/21/2015	6:00:01	13.2194	11.6461	11.788	12.9993	57.7921	4	0
7/21/2015	7:00:00	13.4453	12.4017	21.5976	62.5776	57.5879	4	0

7/21/2015	8:00:00	14.0766	13.7157	28.418	18.4151	56.771	4	0
7/21/2015	9:00:01	15.1029	16.2301	43.5933	92.7117	56.771	4	0
7/21/2015	10:00:01	15.7574	18.356	33.4377	54.8418	56.3626	4	0
7/21/2015	11:00:01	16.8562	20.9329	39.9158	27.0608	56.3626	4	0
7/21/2015	12:00:00	17.5468	22.544	30.3099	20.4777	56.1584	4	0
7/21/2015	13:00:01	18.3961	24.2977	33.5215	17.3749	56.1584	4	0
7/21/2015	14:00:01	18.6521	25.2985	22.2882	13.9545	56.5668	4	0
7/21/2015	15:00:00	18.5911	25.5983	15.5494	17.1182	55.9542	4	0
7/21/2015	16:00:00	18.7336	26.2924	20.9769	16.3894	56.5668	4	0
7/21/2015	17:00:01	18.805	25.9054	8.30134	8.33795	56.5668	4	0
7/21/2015	18:00:00	18.778	25.7111	9.59859	13.9451	57.3837	4	0
7/21/2015	19:00:00	18.6767	24.8357	12.8754	17.1355	57.7921	4	0
7/21/2015	20:00:01	18.4144	23.1817	11.4496	10.3034	58.8132	4	0
7/21/2015	21:00:02	18.3092	20.6737	15.481	12.5084	59.4258	4	0
7/21/2015	22:00:00	18.4828	18.9509	11.6126	7.5414	60.0385	4	0
7/21/2015	23:00:00	18.425	16.4752	10.4669	7.41563	61.0595	4	0
7/22/2015	0:00:01	18.3726	14.871	10.2168	15.3028	61.4679	4	0
7/22/2015	1:00:00	18.3106	13.125	11.7182	13.2702	62.0806	4	0
7/22/2015	2:00:00	18.4801	12.5333	14.3641	15.1025	62.489	4	0
7/22/2015	3:00:01	18.4596	12.2322	11.7456	12.0446	62.8974	4	0
7/22/2015	4:00:01	18.5161	11.6923	13.9348	13.1893	62.6932	4	0
7/22/2015	5:00:00	18.5474	12.0145	11.5661	15.2321	62.8974	4	0
7/22/2015	6:00:01	18.7462	12.4773	14.3233	14.0172	62.489	4	0
7/22/2015	7:00:01	18.6757	12.7307	14.0422	11.5205	60.6511	4	0
7/22/2015	8:00:00	18.2136	13.1097	15.4777	15.4123	60.6511	4	0
7/22/2015	9:00:00	17.0651	12.9233	12.2617	11.0126	59.63	4	0
7/22/2015	10:00:01	15.9074	12.3553	4.60475	-1.81074	59.8342	4	0
7/22/2015	11:00:01	14.6495	12.3649	11.4296	17.4576	60.2427	4	0
7/22/2015	12:00:00	13.7387	12.1492	7.48633	8.8385	60.0384	4	0
7/22/2015	13:00:01	12.8343	12.1029	11.2435	23.3251	59.8342	4	0
7/22/2015	14:00:01	12.3843	11.8141	11.2663	8.82192	60.0384	4	0
7/22/2015	15:00:00	12.3448	12.0114	14.413	18.6559	59.8342	4	0
7/22/2015	16:00:00	12.003	11.9557	14.6168	19.1937	61.0595	4	0
7/22/2015	17:00:01	12.2503	12.1783	14.8361	29.7066	61.8764	4	0
7/22/2015	18:00:00	12.3342	11.9396	11.9349	7.10967	61.4679	4	0
7/22/2015	19:00:00	12.4212	12.0711	16.3664	24.0068	63.1016	4	0

7/22/2015	20:00:01	12.4745	11.9058	14.044	17.6502	63.7143	4	0
7/22/2015	21:00:01	12.6448	12.5732	20.4341	24.7169	64.1227	4	0
7/22/2015	22:00:00	13.2081	14.2781	24.8544	30.3017	64.7353	4	0
7/22/2015	23:00:00	13.5329	14.9224	19.7381	20.4602	65.7564	4	0
7/23/2015	0:00:01	13.6803	15.4849	14.4851	11.3386	66.369	4	0
7/23/2015	1:00:00	14.1557	16.5246	23.7738	25.669	66.9817	4	0
7/23/2015	2:00:00	14.4068	17.2897	19.6715	30.8441	68.0027	4	0
7/23/2015	3:00:01	14.8461	18.0198	23.3789	28.0692	68.6154	4	0
7/23/2015	4:00:01	15.0304	18.3873	19.0268	20.5455	69.6364	4	0
7/23/2015	5:00:00	15.4866	19.0886	23.4953	32.4642	70.4533	4	0
7/23/2015	6:00:01	16.1571	20.5643	27.6119	32.3774	69.4322	4	0
7/23/2015	7:00:01	17.8061	23.5775	50.1663	75.1085	68.0027	4	0
7/23/2015	8:00:00	19.0024	26.0107	41.3531	29.5394	68.0027	4	0
7/23/2015	9:00:00	19.263	25.7477	15.4381	18.503	67.1859	4	0
7/23/2015	10:00:01	19.4888	24.4519	9.23342	10.416	67.5943	4	0
7/23/2015	11:00:01	19.5038	23.7606	12.0523	18.7033	68.0027	4	0
7/23/2015	12:00:00	19.9215	23.8815	14.3932	19.7346	66.5732	4	0
7/23/2015	13:00:01	20.2253	23.4006	19.2193	20.0635	67.3901	4	0
7/23/2015	14:00:01	20.374	22.9289	14.2938	18.3104	67.1859	4	0
7/23/2015	15:00:00	20.451	22.21	14.7777	13.2053	67.3901	4	0
7/23/2015	16:00:00	20.3972	21.7812	15.9001	15.7224	68.2069	4	0
7/23/2015	17:00:01	20.502	21.2078	17.5606	19.1438	68.8196	4	0
7/23/2015	18:00:00	20.8826	20.6032	21.2117	26.5073	68.6154	4	0
7/23/2015	19:00:00	20.9386	18.089	23.0834	27.2386	70.6575	4	0
7/23/2015	20:00:01	21.5705	17.2645	32.6728	42.9857	71.6786	4	0
7/23/2015	21:00:01	22.4226	19.5875	44.4004	44.6728	73.5165	4	0
7/23/2015	22:00:00	22.8154	21.7272	35.1702	41.4212	73.9249	4	0
7/23/2015	23:00:00	23.5016	23.853	38.3123	44.8308	75.1502	4	0
7/24/2015	0:00:01	24.3946	25.7261	36.9817	37.3387	76.1712	4	0
7/24/2015	1:00:02	24.5776	26.5423	28.6655	29.9364	76.9881	4	0
7/24/2015	2:00:01	24.8044	27.5018	25.728	15.8919	76.9881	4	0
7/24/2015	3:00:01	24.7451	28.1428	21.9824	23.4579	77.6007	4	0
7/24/2015	4:00:00	24.6763	28.3663	19.0113	22.1391	78.0091	4	0
7/24/2015	5:00:01	24.415	28.4027	17.6061	28.7177	78.6218	4	0
7/24/2015	6:00:01	24.5592	29.0152	23.4646	18.57	76.9881	4	0
7/24/2015	7:00:00	23.6575	29.4079	26.2127	23.8899	77.3965	4	0

7/24/2015	8:00:00	0	0	0	0	76.1712	3	0
7/24/2015	9:00:01	0	0	0	36.1328	75.3544	4	0
7/24/2015	10:00:00	0	0	0	32.6488	76.1712	4	0
7/24/2015	11:00:01	0	0	22.3823	17.35	75.7628	4	0
7/24/2015	12:00:01	0	0	20.4813	28.6686	76.3754	4	0
7/24/2015	13:00:01	0	0	19.9505	20.4355	76.7839	4	0
7/24/2015	14:00:00	0	0	21.3515	16.7691	76.5797	4	0
7/24/2015	15:00:00	0	0	26.8663	35.6098	77.3965	4	0
7/24/2015	16:00:01	0	0	25.1195	27.226	77.3965	4	0
7/24/2015	17:00:01	0	0	27.6139	38.0186	78.2133	4	0
7/24/2015	18:00:01	0	0	25.8385	31.1063	78.4176	4	0
7/24/2015	19:00:00	0	0	25.5833	27.8314	79.847	4	0
7/24/2015	20:00:00	0	0	41.0588	41.039	81.0723	4	0
7/24/2015	21:00:01	0	26.4015	37.0728	45.3511	82.2976	4	0
7/24/2015	22:00:01	0	26.6448	30.1606	25.3145	82.706	4	0
7/24/2015	23:00:01	0	26.7272	22.9652	25.9404	82.9102	4	0
7/25/2015	0:00:00	0	26.8114	20.3246	19.1325	82.706	4	0
7/25/2015	1:00:00	0	26.7927	19.4316	21.496	83.5229	4	0
7/25/2015	2:00:01	0	26.7647	20.8914	23.8459	83.3187	4	0
7/25/2015	3:00:01	0	26.34	21.8105	23.7072	84.5439	4	0
7/25/2015	4:00:00	0	25.9699	21.0584	21.3913	84.9524	4	0
7/25/2015	5:00:00	0	25.4817	21.4687	22.3391	85.1566	4	0
7/25/2015	6:00:00	0	25.4216	23.7727	31.4826	85.1566	4	0
7/25/2015	7:00:01	0	25.5222	24.9544	27.7169	85.3608	4	0
7/25/2015	8:00:01	0	24.8713	32.0688	33.7118	84.5439	4	0
7/25/2015	9:00:00	0	24.6338	33.4512	34.911	84.9524	4	0
7/25/2015	10:00:00	25.8499	24.6712	31.3064	33.7903	85.3608	4	0
7/25/2015	11:00:00	26.3257	25.4282	31.2254	29.4711	85.9734	4	0
7/25/2015	12:00:01	27.027	26.6046	32.5317	41.6146	85.7692	4	0
7/25/2015	13:00:01	27.515	27.5425	30.4632	25.004	85.565	4	0
7/25/2015	14:00:00	28.0682	28.5287	31.7475	18.7995	85.3608	4	0
7/25/2015	15:00:00	27.9211	28.7348	26.1387	41.7987	86.5861	4	0
7/25/2015	16:00:01	27.7826	28.7702	22.1619	9.47433	86.5861	4	0
7/25/2015	17:00:01	27.2073	28.0708	13.315	9.11921	86.5861	4	0
7/25/2015	18:00:01	26.6515	27.2706	16.9035	23.942	87.4029	4	0
7/25/2015	19:00:00	26.1165	26.4171	17.2068	12.6777	88.2198	4	0

7/25/2015	20:00:00	25.2939	25.6386	23.9937	22.7177	89.445	4	0
7/25/2015	21:00:01	24.8577	25.1548	28.1583	30.0204	90.0577	4	134217728
7/25/2015	22:00:01	24.628	24.7442	27.4921	26.229	90.6703	4	134217728
7/25/2015	23:00:01	24.4977	23.9337	22.1658	24.1097	91.4872	4	134217728
7/26/2015	0:00:00	24.4438	22.9452	20.6425	21.5675	92.7124	4	134217728
7/26/2015	1:00:00	24.4719	22.1422	19.9324	21.0237	93.1209	4	134217728
7/26/2015	2:00:01	24.4358	21.2973	20.9879	23.2755	93.7335	4	134217728
7/26/2015	3:00:01	24.3039	20.7832	19.5806	23.1321	94.5503	4	134217728
7/26/2015	4:00:00	24.2139	20.6615	20.7683	18.2974	95.3672	4	134217728
7/26/2015	5:00:00	24.1995	21.3077	20.371	22.1358	95.5714	4	134217728
7/26/2015	6:00:00	24.2255	21.9158	23.3722	26.8052	95.5714	4	134217728
7/26/2015	7:00:01	24.2042	22.4413	22.3851	26.8336	95.163	4	134217728
7/26/2015	8:00:01	23.8047	22.2224	20.1805	12.0483	95.3672	4	134217728
7/26/2015	9:00:00	23.206	21.4285	18.1737	21.234	94.9588	4	134217728
7/26/2015	10:00:00	22.9354	21.058	21.8076	23.6863	94.9588	4	134217728
7/26/2015	11:00:00	22.6722	21.0735	20.8093	21.4599	93.9377	4	134217728
7/26/2015	12:00:01	22.2587	21.2127	22.9149	21.919	94.5503	4	134217728
7/26/2015	13:00:01	21.8698	21.3685	23.2499	21.7526	95.7756	4	134217728
7/26/2015	14:00:00	20.8359	20.2283	8.74538	20.6875	96.3883	4	134217728
7/26/2015	15:00:00	20.6233	20.3575	22.0519	23.986	97.6135	4	134217728
7/26/2015	16:00:01	20.2151	19.598	11.8541	0.278955	97.8177	4	134217728
7/26/2015	17:00:01	20.1277	18.774	10.4037	12.0153	97.6135	4	134217728
7/26/2015	18:00:01	19.9575	17.7824	10.9858	9.01621	97.6135	4	134217728
7/26/2015	19:00:00	19.9575	17.7824	10.9858	18.3266	97.8177	4	134217728
7/26/2015	20:00:00	19.3019	16.4759	15.2053	20.1748	98.6346	4	134217728
7/26/2015	21:00:01	18.824	16.3723	17.1675	20.8354	99.6557	4	134217728
7/26/2015	22:00:01	18.4231	16.0519	17.7606	18.9582	100.473	4	134217728
7/26/2015	23:00:01	18.5343	16.393	24.3609	31.4964	100.881	4	134217728
7/27/2015	0:00:00	18.7171	16.6465	25.9197	29.0125	100.881	4	134217728
7/27/2015	1:00:00	18.9157	16.7727	24.2788	28.6916	101.289	4	134217728
7/27/2015	2:00:01	19.1625	18.3424	28.0357	29.5501	101.698	4	134217728
7/27/2015	3:00:01	19.3547	18.57	24.9589	30.2746	102.515	4	134217728
7/27/2015	4:00:00	19.5493	19.7155	25.5819	24.5267	102.719	4	134217728
7/27/2015	5:00:00	19.7045	20.8937	24.8811	31.4482	103.536	4	134217728
7/27/2015	6:00:00	19.9569	22.3284	26.6019	39.5144	102.719	4	134217728
7/27/2015	7:00:01	20.6438	24.3221	34.5487	49.6051	101.902	4	134217728

7/27/2015	8:00:01	21.165	25.6995	30.455	19.5192	100.881	4	134217728
7/27/2015	9:00:00	21.0975	25.567	14.4076	22.8567	100.677	4	134217728
7/27/2015	10:00:00	21.0975	25.567	14.4076	18.1988	101.289	4	134217728
7/27/2015	11:00:00	20.8665	25.0213	16.219	12.9245	101.085	4	134217728
7/27/2015	12:00:00	0	0	0	0	18.9918	1	0
7/27/2015	13:00:00	0	0	0	0	19.4002	3	0
7/27/2015	14:00:00	0	0	0	9.6979	19.4002	4	0
7/27/2015	15:00:01	0	0	0	11.8777	18.9918	4	0
7/27/2015	16:00:01	0	0	11.58	10.1901	19.6044	4	0
7/27/2015	17:00:00	0	0	9.98731	14.7944	19.6044	4	0
7/27/2015	18:00:00	0	0	15.3593	18.9674	19.196	4	0
7/27/2015	19:00:01	0	0	15.6951	15.7579	20.0128	4	0
7/27/2015	20:00:01	0	0	15.4634	19.2396	19.8086	4	0
7/27/2015	21:00:01	0	0	14.0585	18.71	19.6044	4	0
7/27/2015	22:00:00	0	0	23.1388	29.2214	20.217	4	0
7/27/2015	23:00:00	0	0	26.0174	28.8069	20.217	4	0
7/28/2015	0:00:01	0	0	24.4371	21.8453	21.0339	4	0
7/28/2015	1:00:01	0	0	25.3924	19.2879	21.0339	4	0
7/28/2015	2:00:00	0	0	25.5183	23.9475	21.0339	4	0
7/28/2015	3:00:00	0	19.0722	24.2413	23.4805	21.0339	4	0
7/28/2015	4:00:01	0	19.8653	20.9477	30.011	21.0339	4	0
7/28/2015	5:00:01	0	20.6103	18.9009	19.9993	21.2381	4	0
7/28/2015	6:00:01	0	21.9013	28.9249	34.0512	20.8297	4	0
7/28/2015	7:00:00	0	22.9739	26.7098	21.3143	21.4423	4	0
7/28/2015	8:00:00	0	23.2514	17.1179	16.0464	20.4212	4	0
7/28/2015	9:00:01	0	23.9124	20.5175	28.9479	20.4212	4	0
7/28/2015	10:00:01	0	23.5608	18.021	21.4627	20.4212	4	0
7/28/2015	11:00:00	0	22.6441	15.1357	15.7499	20.0128	4	0
7/28/2015	12:00:00	0	21.879	15.8548	20.1359	20.0128	4	0
7/28/2015	13:00:00	0	20.8139	13.3539	15.7005	19.8086	4	0
7/28/2015	14:00:01	0	20.069	17.9941	15.3841	20.6254	4	0
7/28/2015	15:00:01	19.4109	19.1881	14.0285	13.1934	20.6255	4	0
7/28/2015	16:00:00	19.5992	18.814	17.9239	22.8974	20.4212	4	0
7/28/2015	17:00:00	19.7908	18.4046	14.4305	13.485	20.4212	4	0
7/28/2015	18:00:01	19.5898	16.8456	11.027	11.2447	20.6255	4	0
7/28/2015	19:00:01	19.4941	15.8429	15.9288	17.2237	21.0339	4	0

7/28/2015	20:00:01	19.5728	15.955	19.0714	16.0422	21.2381	4	0
7/28/2015	21:00:00	19.6444	15.6025	16.2815	19.064	21.0339	4	0
7/28/2015	22:00:00	19.0645	14.9084	9.50507	5.08781	21.6465	4	0
7/28/2015	23:00:01	18.2849	14.3086	7.85131	6.56369	21.4423	4	0
7/29/2015	0:00:01	17.5698	13.7321	9.33995	3.42084	21.8507	4	0
7/29/2015	1:00:01	16.9085	13.4751	10.1789	8.78728	21.8507	4	0
7/29/2015	2:00:00	16.1544	12.5957	6.8067	12.3033	21.2381	4	0
7/29/2015	3:00:00	15.351	11.895	5.46301	3.49414	21.2381	4	0
7/29/2015	4:00:01	14.7568	11.0217	7.29625	5.29718	21.4423	4	0
7/29/2015	5:00:01	14.4299	10.7785	11.298	12.7379	21.6465	4	0
7/29/2015	6:00:01	13.6943	10.8238	11.4499	11.3707	21.4423	4	0
7/29/2015	7:00:00	13.197	10.6301	12.7723	13.1021	21.6465	4	0
7/29/2015	8:00:00	13.0541	10.1608	13.3058	12.6604	21.2381	4	0
7/29/2015	9:00:01	12.6577	9.65379	9.90847	6.28146	20.8297	4	0
7/29/2015	10:00:01	12.414	9.84594	11.7645	16.6044	21.0339	4	0
7/29/2015	11:00:00	12.3918	10.3789	14.1845	13.1981	21.4423	4	0
7/29/2015	12:00:00	12.3564	10.7815	13.8836	12.3924	21.0339	4	0
7/29/2015	13:00:01	12.3678	11.0548	13.6335	14.8112	21.2381	4	0
7/29/2015	14:00:01	12.0239	11.2822	9.54012	6.55009	21.2381	4	0
7/29/2015	15:00:00	11.9091	11.7629	11.3343	12.7839	21.4423	4	0
7/29/2015	16:00:00	11.6961	12.2069	12.6192	13.7238	21.4423	4	0
7/29/2015	17:00:00	11.5914	12.2726	12.6312	15.9135	21.4423	4	0
7/29/2015	18:00:01	11.7074	12.4865	14.5727	15.4588	20.8297	4	0
7/29/2015	19:00:01	11.4888	12.3977	12.9849	15.8562	21.4423	4	0
7/29/2015	20:00:00	11.4888	12.3977	12.9849	18.0034	22.2592	4	0
7/29/2015	21:00:00	11.0228	12.5707	13.0907	20.8584	22.4634	4	0
7/29/2015	22:00:01	11.0338	12.4198	9.81918	15.8571	22.4634	4	0
7/29/2015	23:00:01	11.2328	12.3132	12.6242	8.57597	22.6676	4	0
7/30/2015	0:00:01	11.3649	12.2446	12.9884	13.5966	22.6676	4	0
7/30/2015	1:00:00	11.3915	12.0456	11.021	12.0833	23.4844	4	0
7/30/2015	2:00:01	11.5586	12.1894	11.2967	12.4134	23.076	4	0
7/30/2015	3:00:01	11.878	12.3223	12.0831	14.0672	22.8718	4	0
7/30/2015	4:00:00	12.0683	12.3085	12.3754	12.1444	23.076	4	0
7/30/2015	5:00:00	12.0472	12.2153	11.6606	11.6489	23.076	4	0
7/30/2015	6:00:00	12.2028	12.2335	13.7779	12.2959	22.8718	4	0
7/30/2015	7:00:01	12.3325	12.3578	13.0254	13.9512	22.4634	4	0

7/30/2015	8:00:01	12.4849	12.5814	15.7123	11.3657	22.4634	4	0
7/30/2015	9:00:00	12.8148	12.8736	15.7932	17.5309	22.2591	4	0
7/30/2015	10:00:00	12.98	13.2811	14.076	16.2682	21.8507	4	0
7/30/2015	11:00:01	13.0121	13.4338	14.5372	14.0072	22.0549	4	0
7/30/2015	12:00:01	13.1694	13.7336	16.2407	18.5136	21.6465	4	0
7/30/2015	13:00:01	13.1482	13.8815	13.1224	13.213	21.8507	4	0
7/30/2015	14:00:01	13.4346	14.2481	15.6896	18.2963	22.0549	4	0
7/30/2015	15:00:01	13.6118	14.5022	15.4108	13.7101	22.4634	4	0
7/30/2015	16:00:00	13.7405	14.7435	15.6618	10.9042	21.8507	4	0
7/30/2015	17:00:00	13.8364	14.995	15.2664	15.4153	22.2592	4	0
7/30/2015	18:00:01	13.7744	14.9433	14.1347	14.4467	21.8507	4	0
7/30/2015	19:00:00	13.7433	14.9742	15.1254	19.0757	22.8718	4	0
7/30/2015	20:00:00	13.7078	14.8108	15.0643	16.0809	22.8718	4	0
7/30/2015	21:00:01	13.8051	14.8167	16.0332	21.6218	22.8718	4	0
7/30/2015	22:00:01	14.0403	14.9962	16.6226	24.999	23.2802	4	0
7/30/2015	23:00:00	14.0844	15.0072	15.149	8.10565	23.4844	4	0
7/31/2015	0:00:00	14.2151	15.0516	16.5317	19.3783	23.076	4	0
7/31/2015	1:00:00	14.2631	15.0388	13.0706	10.0787	23.076	4	0
7/31/2015	2:00:01	14.4078	15.0047	14.7464	16.446	23.2802	4	0
7/31/2015	3:00:01	14.4599	14.9016	14.0149	17.1431	23.4844	4	0
7/31/2015	4:00:00	14.4955	14.754	13.4587	17.5861	23.4844	4	0
7/31/2015	5:00:00	14.7973	15.0935	18.7028	22.945	23.4844	4	0
7/31/2015	6:00:00	15.1372	15.6768	19.5142	26.2321	23.076	4	0
7/31/2015	7:00:01	15.7009	16.5207	23.5363	23.6274	22.8718	4	0
7/31/2015	8:00:01	15.9484	17.013	20.2322	18.1408	23.2802	4	0
7/31/2015	9:00:00	16.1426	17.3222	19.1945	18.8387	23.2802	4	0
7/31/2015	10:00:00	16.4567	17.6368	19.5925	13.4549	22.8718	4	0
7/31/2015	11:00:01	16.4912	17.5991	14.6714	17.0976	22.6676	4	0
7/31/2015	12:00:01	16.428	17.3687	13.6753	18.087	22.4634	4	0
7/31/2015	13:00:01	16.5442	17.5531	15.4132	11.2478	22.4634	4	0
7/31/2015	14:00:00	16.5607	17.5913	15.2462	18.1913	22.4634	4	0
7/31/2015	15:00:00	16.9753	18.5078	25.6696	22.1307	22.4634	4	0
7/31/2015	16:00:01	17.15	19.0192	20.3298	20.1531	22.4634	4	0
7/31/2015	17:00:01	17.4004	19.1789	21.3317	24.5163	22.8718	4	0
7/31/2015	18:00:01	17.4674	18.9099	18.0501	19.8211	23.076	4	0
7/31/2015	19:00:00	17.5182	18.4622	20.6248	20.5474	22.8718	4	0

7/31/2015	20:00:00	17.5595	18.2066	18.1789	15.278	23.6886	4	0
7/31/2015	21:00:01	17.4906	18.0106	18.8792	23.215	24.0971	4	0
7/31/2015	22:00:01	17.4363	17.6903	15.2633	22.4186	23.8928	4	0
7/31/2015	23:00:00	17.3989	17.7435	15.6088	18.3561	24.0971	4	0
8/1/2015	0:00:00	17.2753	17.8424	15.3813	12.9067	24.9139	4	0
8/1/2015	1:00:00	17.2468	17.6437	12.5715	13.9844	24.7097	4	0
8/1/2015	2:00:01	17.1935	17.5701	14.1191	12.3321	25.1181	4	0
8/1/2015	3:00:01	17.1985	16.7166	14.4259	15.3605	25.3223	4	0
8/1/2015	4:00:00	17.1985	16.7166	14.4259	14.9285	25.1181	4	0
8/1/2015	5:00:00	16.8065	15.3418	11.8535	12.4243	24.9139	4	0
8/1/2015	6:00:01	16.8132	15.3104	15.1863	17.7063	24.7097	4	0
8/1/2015	7:00:01	16.7655	15.3042	18.7736	18.488	24.3013	4	0
8/1/2015	8:00:01	16.8682	15.4629	18.1312	16.3265	23.4844	4	0
8/1/2015	9:00:00	16.9853	15.5389	18.757	23.7054	23.6886	4	0
8/1/2015	10:00:00	16.8508	15.5532	15.3839	14.3137	23.2802	4	0
8/1/2015	11:00:01	16.8577	15.4017	13.8164	16.312	23.2802	4	0
8/1/2015	12:00:01	16.9819	15.4049	15.4994	17.6288	23.076	4	0
8/1/2015	13:00:00	17.1005	15.7952	17.3382	13.9526	23.076	4	0
8/1/2015	14:00:01	17.1418	15.9118	16.0495	13.3102	23.4844	4	0
8/1/2015	15:00:01	16.752	16.0555	17.1891	22.1422	23.6886	4	0
8/1/2015	16:00:00	16.752	16.0555	17.1891	23.2431	23.2802	4	0
8/1/2015	17:00:00	16.3708	16.7149	14.8601	20.4676	23.4844	4	0
8/1/2015	18:00:01	16.2425	16.7093	16.2351	13.9165	24.3013	4	0
8/1/2015	19:00:01	15.886	16.1906	13.6701	13.7608	23.8928	4	0
8/1/2015	20:00:01	15.6363	15.7784	14.2002	13.7946	23.8928	4	0
8/1/2015	21:00:00	15.6363	15.7784	14.2002	15.0801	24.3013	4	0
8/1/2015	22:00:00	15.3679	15.3821	14.8965	15.803	24.3013	4	0
8/1/2015	23:00:01	15.3125	15.5067	15.6621	13.2741	24.3013	4	0
8/2/2015	0:00:01	15.2483	15.4416	14.6682	19.3223	24.9139	4	0
8/2/2015	1:00:01	15.2639	15.1358	13.3102	11.8334	25.1181	4	0
8/2/2015	2:00:00	15.2639	15.1358	13.3102	18.8107	25.1181	4	0
8/2/2015	3:00:00	15.4147	15.1172	16.4109	14.8379	24.9139	4	0
8/2/2015	4:00:01	15.6564	15.1017	17.4837	21.8341	24.7097	4	0
8/2/2015	5:00:01	15.7586	15.1817	16.3652	13.5119	25.3223	4	0
8/2/2015	6:00:00	15.8614	15.2683	16.2494	19.4354	24.9139	4	0
8/2/2015	7:00:00	15.9622	15.8226	19.1679	20.5146	24.9139	4	0

8/2/2015	8:00:01	15.846	15.7781	12.0655	9.96888	24.5055	4	0
8/2/2015	9:00:01	15.661	15.6411	12.7428	8.10182	24.0971	4	0
8/2/2015	10:00:00	15.5673	15.4319	12.1369	14.4045	24.0971	4	0
8/2/2015	11:00:00	15.7984	15.6168	17.23	24.8559	23.8928	4	0
8/2/2015	12:00:00	16.3086	16.6853	28.0254	26.6751	24.0971	4	0
8/2/2015	13:00:01	16.6297	17.5813	23.7947	18.5987	23.8929	4	0
8/2/2015	14:00:01	17.1121	18.5324	26.8431	20.8371	24.0971	4	0
8/2/2015	15:00:00	17.5448	19.435	27.8677	37.2891	23.8928	4	0
8/2/2015	16:00:00	17.8895	20.1681	26.8876	24.6104	24.0971	4	0
8/2/2015	17:00:01	18.4936	21.2285	29.924	33.1349	24.3013	4	0
8/2/2015	18:00:01	18.8863	22.0401	27.3264	28.8166	24.5055	4	0
8/2/2015	19:00:00	19.333	22.5205	26.4661	26.6865	24.3013	4	0
8/2/2015	20:00:00	19.701	23.4866	24.4717	25.5642	24.5055	4	0
8/2/2015	21:00:00	20.1657	24.6247	26.4429	27.2985	24.9139	4	0
8/2/2015	22:00:01	20.7054	25.9764	28.6975	31.4549	25.5265	4	0
8/2/2015	23:00:01	20.8804	26.2943	22.1513	26.2442	25.3223	4	0
8/3/2015	0:00:00	21.1538	25.849	23.7243	24.6611	25.5265	4	0
8/3/2015	1:00:00	20.6014	23.999	2.45219	13.7447	25.1181	4	0
8/3/2015	2:00:00	20.4771	22.9746	15.4671	13.0388	25.935	4	0
8/3/2015	3:00:01	20.239	21.693	12.5296	7.90076	25.7308	4	0
8/3/2015	4:00:01	19.8979	20.3895	11.3107	17.0757	25.935	4	0
8/3/2015	5:00:00	19.6218	18.8786	11.3761	13.2878	26.3434	4	0
8/3/2015	6:00:00	19.5863	17.8083	11.9802	17.2067	25.935	4	0
8/3/2015	7:00:01	20.0135	17.9429	26.0241	16.8123	25.5266	4	0
8/3/2015	8:00:01	20.7206	18.2852	27.6421	26.5017	25.5266	4	0
8/3/2015	9:00:01	21.6143	18.9451	33.9204	25.5373	25.5266	4	0
8/3/2015	10:00:00	21.866	17.9929	16.1957	6.59743	25.7308	4	0
8/3/2015	11:00:00	21.6164	17.0115	9.84566	8.38276	25.3223	4	0
8/3/2015	12:00:01	20.6762	15.4676	5.31899	-0.836382	25.3223	4	0
8/3/2015	13:00:01	20.0074	15.8076	6.04729	9.0531	25.1181	4	0
8/3/2015	14:00:01	19.061	14.818	3.88033	2.04677	25.3223	4	0
8/3/2015	15:00:00	18.3087	14.5419	9.46615	8.97398	25.3223	4	0
8/3/2015	16:00:00	17.6595	14.4531	10.2296	15.1797	25.7308	4	0
8/3/2015	17:00:01	16.816	14.3239	10.6636	12.2508	25.7308	4	0
8/3/2015	18:00:01	16.5776	15.0979	21.6176	15.8408	25.7308	4	0
8/3/2015	19:00:00	15.9602	14.087	15.9491	15.5066	26.7518	4	0

8/3/2015	20:00:00	15.5133	13.04	15.7982	17.7625	26.956	4	0
8/3/2015	21:00:00	15.0338	11.5172	15.4772	17.719	26.7518	4	0
8/3/2015	22:00:01	14.4327	11.3688	14.4236	19.8724	27.1603	4	0
8/3/2015	23:00:01	14.1313	11.7953	15.035	16.1316	27.3645	4	0
8/4/2015	0:00:00	13.8361	12.6527	15.2624	15.6976	27.3645	4	0
8/4/2015	1:00:00	14.2999	13.3612	15.0643	15.051	27.9771	4	0
8/4/2015	2:00:01	14.1831	14.1271	13.6863	14.92	27.9771	4	0
8/4/2015	3:00:01	14.179	14.4027	12.7555	12.5838	27.7729	4	0
8/4/2015	4:00:01	14.2857	14.707	13.3552	15.5844	28.3855	4	0
8/4/2015	5:00:00	14.3634	14.9884	14.3115	14.0623	27.9771	4	0
8/4/2015	6:00:01	14.9914	15.3268	22.9094	23.6969	27.1602	4	0
8/4/2015	7:00:00	15.2154	16.4766	28.148	25.8215	26.956	4	0
8/4/2015	8:00:00	15.3552	17.5609	26.6992	24.4675	26.5476	4	0
8/4/2015	9:00:00	14.9825	18.272	23.4579	21.2918	26.956	4	0
8/4/2015	10:00:01	15.3537	19.0816	23.4828	26.8532	26.3434	4	0
8/4/2015	11:00:01	15.6373	19.1848	16.8096	17.3316	26.7518	4	0
8/4/2015	12:00:00	16.1728	19.3742	17.5451	20.8079	26.5476	4	0
8/4/2015	13:00:00	16.7294	19.7015	19.5715	17.729	26.1392	4	0
8/4/2015	14:00:00	17.3021	19.9905	17.625	18.834	26.5476	4	0
8/4/2015	15:00:01	17.7264	20.5322	19.8465	21.7801	26.7518	4	0
8/4/2015	16:00:01	18.4048	21.5483	25.4136	25.9861	26.956	4	0
8/4/2015	17:00:00	18.7911	21.9845	20.4413	21.6135	27.1602	4	0
8/4/2015	18:00:00	18.8448	21.9275	23.031	27.043	26.7518	4	0
8/4/2015	19:00:01	18.9621	21.2291	22.1896	22.0293	27.1603	4	0
8/4/2015	20:00:01	19.0635	20.747	23.826	19.9481	27.9771	4	0
8/4/2015	21:00:01	19.1146	20.305	18.9436	18.4764	28.1813	4	0
8/4/2015	22:00:00	19.2446	19.8691	17.7895	28.0642	27.9771	4	0
8/4/2015	23:00:00	19.2843	19.8914	17.3379	20.1308	28.5897	4	0
8/5/2015	0:00:01	19.66	20.5075	24.6468	28.1114	28.1813	4	0
8/5/2015	1:00:01	19.7893	20.456	18.5812	19.0589	28.3855	4	0
8/5/2015	2:00:00	19.9122	20.47	17.8518	19.7793	28.3855	4	0
8/5/2015	3:00:00	19.9646	20.1249	16.0457	11.8577	28.5897	4	0
8/5/2015	4:00:00	20.1224	19.5058	16.8483	19.2588	28.9982	4	0
8/5/2015	5:00:01	20.0986	19.0199	13.9239	15.6461	28.9982	4	0
8/5/2015	6:00:00	20.1392	18.9997	20.5363	28.0526	28.3855	4	0
8/5/2015	7:00:01	20.3385	19.7308	28.671	26.1021	27.9771	4	0

8/5/2015	8:00:01	20.9213	20.9334	36.4358	40.7606	27.5687	4	0
8/5/2015	9:00:00	21.1294	21.5104	24.049	23.0546	27.3645	4	0
8/5/2015	10:00:00	20.9984	21.6044	18.3452	18.362	27.5687	4	0
8/5/2015	11:00:01	21.0557	21.6253	17.9552	24.346	27.3645	4	0
8/5/2015	12:00:01	21.1539	21.1272	19.0303	20.2474	27.7729	4	0
8/5/2015	13:00:00	21.0089	20.831	15.1738	10.3754	27.7729	4	0
8/5/2015	14:00:00	20.9549	20.6317	15.8667	13.0058	27.5687	4	0
8/5/2015	15:00:00	20.9215	20.8705	19.9537	24.7811	27.9771	4	0
8/5/2015	16:00:01	20.6347	20.9959	19.4431	11.1033	27.5687	4	0
8/5/2015	17:00:01	20.6	21.5226	21.8801	19.2262	28.3855	4	0
8/5/2015	18:00:00	20.5201	21.5527	21.8934	25.8355	27.9771	4	0
8/5/2015	19:00:00	20.6072	21.2383	26.4164	23.7741	28.9982	4	0
8/5/2015	20:00:01	20.5573	20.1616	24.3175	23.7216	29.2024	4	0
8/5/2015	21:00:01	20.7969	20.3249	26.54	31.321	29.2024	4	0
8/5/2015	22:00:01	21.1656	21.0938	27.7176	30.6677	29.815	4	0
8/5/2015	23:00:00	21.4439	21.728	26.2246	26.6151	30.2234	4	0
8/6/2015	0:00:01	21.3437	22.0957	23.5454	25.6824	31.0403	4	0
8/6/2015	1:00:00	21.4332	22.6326	21.613	26.728	31.0403	4	0
8/6/2015	2:00:01	21.3054	22.6212	15.6658	17.6066	31.0403	4	0
8/6/2015	3:00:01	21.2693	22.2982	15.6395	15.675	31.0403	4	0
8/6/2015	4:00:01	21.356	22.2874	18.4338	18.9648	30.8361	4	0
8/6/2015	5:00:00	21.3559	21.7431	15.6173	11.7304	31.0403	4	0
8/6/2015	6:00:00	21.5223	21.8593	21.0424	21.4259	30.8361	4	0
8/6/2015	7:00:01	21.0885	21.1539	16.998	23.3512	30.6319	4	0
8/6/2015	8:00:01	20.5433	20.7967	16.7182	18.872	29.2024	4	0
8/6/2015	9:00:01	20.5269	20.4519	21.8154	40.4526	29.2024	4	0
8/6/2015	10:00:00	20.9694	20.4704	27.9351	38.1412	29.2024	4	0
8/6/2015	11:00:00	21.1844	20.0606	20.9216	22.1454	29.4066	4	0
8/6/2015	12:00:01	21.3898	19.974	22.5692	23.8976	29.4066	4	0
8/6/2015	13:00:01	22.0251	20.6714	30.8841	23.4325	29.6108	4	0
8/6/2015	14:00:00	22.8118	22.178	33.8258	28.8395	30.2234	4	0
8/6/2015	15:00:00	23.2461	23.3042	28.9887	34.3136	30.2234	4	0
8/6/2015	16:00:00	23.4094	23.714	24.498	30.7245	30.4276	4	0
8/6/2015	17:00:01	23.5906	24.6369	28.0408	29.4309	30.2234	4	0
8/6/2015	18:00:01	23.795	25.1894	29.5548	26.9145	30.4277	4	0
8/6/2015	19:00:00	23.4274	25.426	22.7708	21.8663	31.6529	4	0

8/6/2015	20:00:00	23.3347	25.9365	23.5522	24.3215	31.6529	4	0
8/6/2015	21:00:01	23.2842	26.3409	27.7553	29.6943	32.0614	4	0
8/6/2015	22:00:01	23.1548	26.1689	26.4244	25.1315	31.8571	4	0
8/6/2015	23:00:00	22.966	26.346	23.6289	22.9361	32.4698	4	0
8/7/2015	0:00:00	22.9319	26.4567	23.8997	23.8143	32.8782	4	0
8/7/2015	1:00:01	22.9231	25.7871	22.516	18.3089	33.4908	4	0
8/7/2015	2:00:01	23.2842	25.0898	24.2665	22.2969	33.2866	4	0
8/7/2015	3:00:00	23.5273	24.5853	22.2879	24.9836	33.2866	4	0
8/7/2015	4:00:00	23.6009	24.3434	21.2824	17.0958	33.6951	4	0
8/7/2015	5:00:00	23.707	23.6619	19.5638	14.0102	34.3077	4	0
8/7/2015	6:00:01	24.3309	24.0023	29.9341	45.9831	33.2866	4	0
8/7/2015	7:00:01	24.6299	24.0346	21.7406	18.2889	33.2866	4	0
8/7/2015	8:00:00	25.2635	24.6062	29.0081	21.825	32.4698	4	0
8/7/2015	9:00:00	25.0809	23.6331	15.2759	20.5135	32.2656	4	0
8/7/2015	10:00:01	24.7274	22.9235	17.3225	15.8678	32.8782	4	0
8/7/2015	11:00:01	24.5997	22.2676	14.9873	11.3658	32.0614	4	0
8/7/2015	12:00:01	24.2338	21.3044	12.3821	18.2025	32.2656	4	0
8/7/2015	13:00:00	23.5846	20.5981	14.2922	14.089	32.2656	4	0
8/7/2015	14:00:00	22.8596	19.8312	15.427	21.5056	32.2656	4	0
8/7/2015	15:00:01	22.2169	19.0602	13.9885	15.622	32.674	4	0
8/7/2015	16:00:01	21.6846	18.2371	12.428	16.64	32.4698	4	0
8/7/2015	17:00:01	21.1697	17.8396	15.3495	15.3982	32.4698	4	0
8/7/2015	18:00:00	20.417	16.2972	12.5206	10.3228	32.8782	4	0
8/7/2015	19:00:00	19.9239	15.5676	14.5739	18.4318	33.2866	4	0
8/7/2015	20:00:01	19.8277	15.0401	23.546	22.1473	33.0824	4	0
8/7/2015	21:00:01	19.5652	15.5526	21.2844	19.62	33.4908	4	0
8/7/2015	22:00:01	19.2039	15.6719	19.0599	20.4829	33.4908	4	0
8/7/2015	23:00:00	18.9688	15.9699	18.5063	18.0667	33.6951	4	0
8/8/2015	0:00:00	18.4756	16.0211	13.1822	11.3457	33.8993	4	0
8/8/2015	1:00:01	18.1131	16.0692	15.0262	20.5286	34.7161	4	0
8/8/2015	2:00:01	17.6589	15.9618	13.998	7.7972	34.1035	4	0
8/8/2015	3:00:00	17.2993	15.9808	13.9944	10.1219	34.1035	4	0
8/8/2015	4:00:00	16.8774	15.9246	11.6463	9.77773	34.5119	4	0
8/8/2015	5:00:00	16.5243	15.6801	12.7293	11.1525	34.7161	4	0
8/8/2015	6:00:01	15.9572	15.9395	14.5771	21.915	34.3077	4	0
8/8/2015	7:00:01	15.8737	16.2784	17.2978	25.0875	33.8993	4	0

8/8/2015	8:00:00	15.8206	16.528	25.3471	29.9659	33.6951	4	0
8/8/2015	9:00:00	16.0841	16.5376	21.368	20.6935	33.2866	4	0
8/8/2015	10:00:00	16.1532	16.4649	17.7248	22.3224	33.695	4	0
8/8/2015	11:00:01	15.8244	15.4865	6.89961	-11.2894	33.8993	4	0
8/8/2015	12:00:01	15.8179	15.3778	11.9344	9.58602	33.2866	4	0
8/8/2015	13:00:00	15.8179	15.3778	11.9344	9.69155	33.2866	4	0
8/8/2015	14:00:00	15.1828	14.1225	6.76811	-0.153579	33.2866	4	0
8/8/2015	15:00:00	14.9714	13.691	9.22275	9.51837	33.8993	4	0
8/8/2015	16:00:01	14.9505	13.7447	12.9349	15.6437	33.695	4	0
8/8/2015	17:00:01	14.8247	13.719	12.9728	6.31389	33.8993	4	0
8/8/2015	18:00:01	14.6514	13.1535	7.72588	13.5752	33.4908	4	0
8/8/2015	19:00:01	14.4417	12.6524	12.6435	16.8869	34.1035	4	0
8/8/2015	20:00:01	14.2603	12.1692	19.4113	26.6959	33.8993	4	0
8/8/2015	21:00:00	14.1598	12.0026	19.3321	14.9744	34.9203	4	0
8/8/2015	22:00:00	13.8908	11.692	14.4126	10.6037	35.3287	4	0
8/8/2015	23:00:01	13.674	12.2098	12.9449	12.9312	35.533	4	0
8/9/2015	0:00:01	13.9995	12.9375	20.0761	28.0513	35.1245	4	0
8/9/2015	1:00:00	14.3071	14.1748	22.6455	23.9538	35.3287	4	0
8/9/2015	2:00:00	14.4728	15.1369	18.5095	19.3294	35.9414	4	0
8/9/2015	3:00:00	14.8318	16.2543	22.383	22.9094	36.1456	4	0
8/9/2015	4:00:01	15.3988	17.2796	24.7808	30.181	35.533	4	0
8/9/2015	5:00:01	15.8599	18.1821	23.3791	27.7179	36.3498	4	0
8/9/2015	6:00:00	15.8599	18.1821	23.3791	24.3374	36.554	4	0
8/9/2015	7:00:00	16.5862	20.5763	27.378	30.8616	35.9414	4	0
8/9/2015	8:00:01	16.3782	20.622	19.7442	17.4932	36.554	4	0
8/9/2015	9:00:01	16.0034	20.006	11.6848	14.4614	36.3498	4	0
8/9/2015	10:00:01	15.8534	19.9222	12.885	9.87127	36.3498	4	0
8/9/2015	11:00:00	16.2249	20.0504	12.5803	15.282	35.7372	4	0
8/9/2015	12:00:00	16.0573	18.9877	7.283	5.73223	35.7372	4	0
8/9/2015	13:00:01	16.1184	17.8854	10.5693	10.119	35.7372	4	0
8/9/2015	14:00:01	16.325	17.2477	10.5332	13.7074	35.3287	4	0
8/9/2015	15:00:00	16.4879	16.4123	12.4671	12.6475	34.9203	4	0
8/9/2015	16:00:00	16.4822	15.3596	12.4799	13.6376	35.533	4	0
8/9/2015	17:00:01	16.449	14.4585	13.5363	17.2607	35.9414	4	0
8/9/2015	18:00:01	16.7366	13.8588	14.2588	14.23	35.9414	4	0
8/9/2015	19:00:00	16.7366	13.8588	14.2588	17.082	35.7372	4	0

8/9/2015	20:00:00	16.7604	12.7156	18.6333	20.3306	35.3288	4	0
8/9/2015	21:00:00	16.7419	13.349	19.5376	20.7259	36.1456	4	0
8/9/2015	22:00:00	16.9248	13.8428	18.7875	12.513	36.3498	4	0
8/9/2015	23:00:00	17.0819	14.2407	17.563	19.5058	36.3498	4	0
8/10/2015	0:00:01	16.8614	14.9218	15.7381	14.9987	36.3498	4	0
8/10/2015	1:00:01	16.7615	15.7325	20.1125	26.7192	36.554	4	0
8/10/2015	2:00:01	16.9388	16.7971	23.4806	26.2103	36.9624	4	0
8/10/2015	3:00:00	16.9284	17.6122	21.9267	18.681	36.7582	4	0
8/10/2015	4:00:00	16.6038	17.9966	16.7147	17.56	36.7582	4	0
8/10/2015	5:00:01	16.6039	18.8268	23.23	28.5507	36.7582	4	0
8/10/2015	6:00:01	16.9674	20.1608	30.1658	35.2936	36.7582	4	0
8/10/2015	7:00:00	17.0865	21.3602	29.9894	33.9361	37.3709	4	0
8/10/2015	8:00:00	17.6342	22.5104	31.3177	31.0374	37.3709	4	0
8/10/2015	9:00:00	18.2848	23.139	26.7702	25.7872	36.7582	4	0
8/10/2015	10:00:01	18.7686	23.5626	22.8947	27.2788	37.1667	4	0
8/10/2015	11:00:01	18.9032	23.3397	13.7746	14.5384	36.3498	4	0
8/10/2015	12:00:00	19.0759	22.9511	11.1904	6.85064	36.7582	4	0
8/10/2015	13:00:00	18.7934	21.7677	9.6817	15.5869	37.1667	4	0
8/10/2015	14:00:00	19.0663	21.2377	17.5868	14.3433	37.5751	4	0
8/10/2015	15:00:01	19.12	20.2931	7.31319	5.36281	36.9624	4	0
8/10/2015	16:00:01	18.5624	18.9727	3.25055	1.67059	36.9624	4	0
8/10/2015	17:00:00	18.4661	17.9098	10.1346	8.97262	37.3709	4	0
8/10/2015	18:00:01	18.018	15.8535	7.47464	11.5127	37.5751	4	0
8/10/2015	19:00:00	17.7947	14.2455	10.7736	12.1679	37.3709	4	0
8/10/2015	20:00:00	17.315	12.3194	8.45762	4.22433	37.9835	4	0
8/10/2015	21:00:00	16.8853	10.9255	9.97869	18.7393	37.7793	4	0
8/10/2015	22:00:01	16.5385	9.89211	10.0357	15.3867	37.9835	4	0
8/10/2015	23:00:01	16.2539	9.72735	11.8031	10.3836	38.1877	4	0
8/11/2015	0:00:00	16.1243	9.91825	13.4667	19.2074	38.3919	4	0
8/11/2015	1:00:00	15.931	10.3724	14.9241	13.7068	38.3919	4	0
8/11/2015	2:00:01	15.4259	9.92306	12.2639	11.8095	38.3919	4	0
8/11/2015	3:00:01	15.0607	10.4611	13.8917	10.2565	38.5961	4	0
8/11/2015	4:00:01	14.8912	11.2695	13.1932	14.902	39.2088	4	0
8/11/2015	5:00:00	14.3965	11.4075	11.8868	11.6089	39.2088	4	0
8/11/2015	6:00:00	13.7983	11.9351	12.7458	12.3054	38.3919	4	0
8/11/2015	7:00:01	13.2296	12.3268	14.9393	14.9987	38.1877	4	0

8/11/2015	8:00:01	12.6019	12.8961	14.7397	15.9668	37.7793	4	0
8/11/2015	9:00:02	12.2551	13.511	16.4719	12.0853	37.1667	4	0
8/11/2015	10:00:00	12.0019	14.0325	15.9784	12.2338	37.5751	4	0
8/11/2015	11:00:00	11.9675	14.0613	11.482	19.8721	36.9624	4	0
8/11/2015	12:00:01	11.8748	13.6544	8.75348	13.688	37.3709	4	0
8/11/2015	13:00:01	11.9477	13.3185	10.7887	11.0402	36.7582	4	0
8/11/2015	14:00:00	11.5795	13.0198	8.99325	8.16496	36.9624	4	0
8/11/2015	15:00:00	11.7529	12.8109	12.1161	16.0977	37.1667	4	0
8/11/2015	16:00:01	12.0569	12.54	10.0249	9.09888	37.1667	4	0
8/11/2015	17:00:01	11.9351	12.1395	7.63966	7.62481	37.3709	4	0
8/11/2015	18:00:01	12.0816	12.0147	11.9555	2.2018	37.3709	4	0
8/11/2015	19:00:00	12.0816	12.0147	11.9555	12.0459	37.9835	4	0
8/11/2015	20:00:00	12.1249	11.397	13.3004	20.8349	38.3919	4	0
8/11/2015	21:00:01	12.2894	11.2418	14.8221	6.50315	38.3919	4	0
8/11/2015	22:00:01	12.4272	11.0729	13.9691	13.3911	38.8004	4	0
8/11/2015	23:00:01	12.5462	11.3917	15.3859	24.3156	39.2088	4	0
8/12/2015	0:00:00	12.5694	11.8865	14.9356	15.025	39.8214	4	0
8/12/2015	1:00:00	12.3919	11.9093	10.9531	14.5113	39.6172	4	0
8/12/2015	2:00:01	12.3467	12.125	11.5583	13.8423	40.2298	4	0
8/12/2015	3:00:01	12.2706	12.1726	12.6359	11.8029	40.2298	4	0
8/12/2015	4:00:00	12.3141	12.5305	13.8665	16.994	40.6383	4	0
8/12/2015	5:00:01	12.3699	13.0007	12.9905	12.3471	40.2298	4	0
8/12/2015	6:00:01	12.633	13.5364	17.0978	12.0033	39.8214	4	0
8/12/2015	7:00:00	12.8823	14.2867	18.7572	15.4549	39.0046	4	0
8/12/2015	8:00:00	13.0292	14.6069	15.7691	20.4559	38.3919	4	0
8/12/2015	9:00:01	13.1573	14.9787	19.3421	26.0969	38.5961	4	0
8/12/2015	10:00:01	13.4677	15.6848	21.6382	16.1273	38.8004	4	0
8/12/2015	11:00:01	13.531	15.4359	12.4237	-4.60737	38.1877	4	0
8/12/2015	12:00:00	13.8662	15.5292	16.0512	27.0574	38.1877	4	0
8/12/2015	13:00:01	13.8839	15.5356	11.5483	20.8784	38.3919	4	0
8/12/2015	14:00:00	13.9199	15.3321	9.00073	15.8232	38.5961	4	0
8/12/2015	15:00:00	13.9971	15.3784	13.2396	10.7388	38.1877	4	0
8/12/2015	16:00:01	13.989	15.0158	10.2622	15.8824	38.5961	4	0
8/12/2015	17:00:01	13.859	14.3049	5.32064	-3.54687	38.5961	4	0
8/12/2015	18:00:01	13.777	13.7094	10.8048	14.0165	38.3919	4	0
8/12/2015	19:00:00	13.5095	12.5986	6.63005	18.2668	39.0046	4	0

8/12/2015	20:00:00	13.3721	12.2902	13.5527	1.84024	40.2298	4	0
8/12/2015	21:00:01	13.0642	11.3553	8.23213	14.8659	40.0256	4	0
8/12/2015	22:00:01	12.7284	10.1031	6.31516	10.0113	39.6172	4	0
8/12/2015	23:00:01	12.2956	9.53179	5.46836	6.48746	40.6383	4	0
8/13/2015	0:00:00	11.9588	8.84026	7.52497	9.96635	41.0467	4	0
8/13/2015	1:00:00	11.8169	8.53672	7.63568	11.3798	40.6383	4	0
8/13/2015	2:00:01	11.9438	9.0107	14.3907	20.7448	40.6383	4	0
8/13/2015	3:00:01	11.9323	8.95574	12.0647	16.8441	40.8425	4	0
8/13/2015	4:00:00	11.801	9.0681	11.6038	14.7911	41.0467	4	0
8/13/2015	5:00:00	11.7807	9.69846	12.9445	8.65936	41.0467	4	0
8/13/2015	6:00:00	11.8757	10.3022	16.8875	14.9468	41.0467	4	0
8/13/2015	7:00:01	11.7852	11.0678	15.1994	12.687	40.0256	4	0
8/13/2015	8:00:01	11.9234	11.4417	17.4034	12.9994	39.6172	4	0
8/13/2015	9:00:00	11.8184	12.0785	15.1647	7.92403	39.0046	4	0
8/13/2015	10:00:00	11.5193	12.7245	13.7966	19.0592	39.0046	4	0
8/13/2015	11:00:00	11.4474	13.14	10.2927	4.97852	38.8004	4	0
8/13/2015	12:00:01	11.3855	13.7041	14.2987	17.3119	39.0046	4	0
8/13/2015	13:00:01	11.6319	14.4808	16.5142	25.8674	38.5961	4	0
8/13/2015	14:00:00	11.886	14.5213	15.7737	8.04445	39.2088	4	0
8/13/2015	15:00:00	11.9076	14.6195	13.3174	13.5891	38.3919	4	0
8/13/2015	16:00:00	12.0848	14.8256	14.3319	18.2396	38.5961	4	0
8/13/2015	17:00:01	12.4202	14.8557	14.3919	13.1062	39.6172	4	0
8/13/2015	18:00:00	12.6188	14.7143	15.6117	15.2551	39.2088	4	0
8/13/2015	19:00:01	12.958	14.7224	16.5724	17.0776	40.0256	4	0
8/13/2015	20:00:01	13.1374	14.8274	19.6417	19.2946	40.0256	4	0
8/13/2015	21:00:00	13.4818	14.9782	17.2419	17.4929	40.2299	4	0
8/13/2015	22:00:00	13.7592	14.9426	13.4495	14.7664	40.4341	4	0
8/13/2015	23:00:00	14.2222	15.4762	16.5125	20.3955	40.2299	4	0
8/14/2015	0:00:01	14.6499	15.7801	17.584	16.5709	39.8214	4	0
8/14/2015	1:00:00	15.0089	15.7914	16.3505	16.1952	40.2299	4	0
8/14/2015	2:00:00	15.0659	15.8877	17.4108	17.8751	40.6383	4	0
8/14/2015	3:00:00	15.3837	16.4541	19.8836	22.0571	40.6383	4	0
8/14/2015	4:00:01	15.531	16.5249	14.4202	10.7169	40.6383	4	0
8/14/2015	5:00:01	15.5546	16.4888	13.7375	12.9532	40.8425	4	0
8/14/2015	6:00:00	15.4192	16.3748	14.23	17.548	40.6383	4	0
8/14/2015	7:00:00	15.5738	16.5494	18.0041	18.7419	40.2298	4	0

8/14/2015	8:00:01	15.8425	16.8406	22.3173	27.0091	40.6383	4	0
8/14/2015	9:00:01	16.1628	17.3077	23.04	19.5728	40.0256	4	0
8/14/2015	10:00:01	16.782	18.5088	27.2097	29.1957	40.0256	4	0
8/14/2015	11:00:00	17.5573	19.4164	26.0246	31.6384	39.8214	4	0
8/14/2015	12:00:00	18.2188	20.3867	28.656	28.7122	39.6172	4	0
8/14/2015	13:00:01	18.9303	21.7828	33.1612	42.7984	39.413	4	0
8/14/2015	14:00:01	19.3745	22.4648	25.3599	44.6322	39.6172	4	0
8/14/2015	15:00:02	19.8042	22.6744	21.9491	35.0727	39.2088	4	0
8/14/2015	16:00:00	20.3686	23.7847	28.3221	42.1567	39.0046	4	0
8/14/2015	17:00:01	20.692	24.4864	22.8077	26.0162	39.6172	4	0
8/14/2015	18:00:01	21.1665	25.5781	28.5324	25.5299	39.6172	4	0
8/14/2015	19:00:01	21.1079	25.4549	19.268	10.3488	40.0256	4	0
8/14/2015	20:00:00	20.8701	24.8794	17.8165	23.214	40.6383	4	0
8/14/2015	21:00:00	20.9351	24.5621	19.8367	20.8186	40.6383	4	0
8/14/2015	22:00:01	21.4352	24.5238	28.0899	39.0322	41.0467	4	0
8/14/2015	23:00:01	21.1572	23.3266	12.9304	-0.240928	41.4551	4	0
8/15/2015	0:00:01	20.941	22.0612	13.1659	15.7937	42.272	4	0
8/15/2015	1:00:00	20.7489	20.3897	12.5525	14.7272	41.8635	4	0
8/15/2015	2:00:00	20.3447	19.041	8.91983	9.14714	41.8635	4	0
8/15/2015	3:00:01	20.0146	18.22	10.8071	10.3018	41.8635	4	0
8/15/2015	4:00:01	19.8744	16.8761	11.2306	6.32513	42.0678	4	0
8/15/2015	5:00:01	19.7634	15.9899	11.5697	7.08809	41.6593	4	0
8/15/2015	6:00:00	19.8942	14.9487	13.8692	17.0954	41.2509	4	0
8/15/2015	7:00:01	20.0384	14.939	17.5209	17.5809	41.0467	4	0
8/15/2015	8:00:01	20.2582	15.5704	24.2311	40.6367	40.434	4	0
8/15/2015	9:00:00	20.8064	16.7214	32.4177	27.2244	40.2298	4	0
8/15/2015	10:00:00	21.2363	17.3923	36.0979	34.9271	40.0256	4	0
8/15/2015	11:00:00	21.7047	19.2972	35.2866	37.455	39.8214	4	0
8/15/2015	12:00:00	21.7949	20.7743	31.5451	25.1785	40.0256	4	0
8/15/2015	13:00:00	21.7396	22.2676	29.8441	21.2297	39.6172	4	0
8/15/2015	14:00:01	21.49	23.2016	21.4416	15.002	40.2298	4	0
8/15/2015	15:00:01	22.1513	25.4482	38.5133	44.7222	40.0256	4	0
8/15/2015	16:00:00	21.9568	26.4411	23.3804	19.7332	40.434	4	0
8/15/2015	17:00:00	21.9291	27.3236	23.2595	27.4718	40.4341	4	0
8/15/2015	18:00:00	21.847	28.3346	26.0148	26.1536	40.6383	4	0
8/15/2015	19:00:01	21.8252	28.5261	22.668	30.991	41.4551	4	0

8/15/2015	20:00:01	21.9724	28.3747	24.555	27.1823	41.2509	4	0
8/15/2015	21:00:00	22.3873	28.2522	31.9729	33.0765	42.0678	4	0
8/15/2015	22:00:00	22.6177	28.1398	34.6839	38.3823	41.8635	4	0
8/15/2015	23:00:00	23.0158	27.1811	23.4511	14.8104	42.6804	4	0
8/16/2015	0:00:01	23.5002	26.7071	25.3523	28.1941	42.6804	4	0
8/16/2015	1:00:01	23.7911	25.9684	20.6498	21.9157	42.4762	4	0
8/16/2015	2:00:00	24.3516	26.0824	22.0478	22.4349	42.8846	4	0
8/16/2015	3:00:00	24.4044	24.0151	13.2671	2.6543	43.0888	4	0
8/16/2015	4:00:01	24.4254	23.1101	11.9896	16.311	43.293	4	0
8/16/2015	5:00:01	24.6308	22.6718	18.0947	23.8608	43.0888	4	0
8/16/2015	6:00:01	24.8705	22.158	18.7521	32.1065	43.0888	4	0
8/16/2015	7:00:00	25.5988	22.9085	28.6881	28.7701	42.4762	4	0
8/16/2015	8:00:00	25.748	23.0234	24.5406	25.1061	42.4762	4	0
8/16/2015	9:00:01	25.642	22.5985	25.3483	22.6327	42.272	4	0
8/16/2015	10:00:01	25.2733	21.8623	25.9769	24.217	41.8635	4	0
8/16/2015	11:00:01	24.9895	22.0629	24.9643	-11.5095	41.8635	4	0
8/16/2015	12:00:00	24.5301	21.6093	20.6023	24.377	41.2509	4	0
8/16/2015	13:00:00	24.005	21.2027	15.7604	11.9741	41.4551	4	0
8/16/2015	14:00:01	24.161	21.3884	24.7194	32.8229	41.8635	4	0
8/16/2015	15:00:01	23.5627	22.274	24.1586	30.6876	41.4551	4	0
8/16/2015	16:00:00	23.2935	22.7057	17.9101	9.51432	41.8636	4	0
8/16/2015	17:00:00	23.2935	22.7057	17.9101	28.022	42.0678	4	0
8/16/2015	18:00:00	22.8519	22.9203	22.2435	21.2816	42.6804	4	0
8/16/2015	19:00:01	22.9401	22.7709	29.5272	33.1829	43.0888	4	0
8/16/2015	20:00:01	23.0721	23.1281	29.8231	27.6431	43.7015	4	0
8/16/2015	21:00:00	22.547	22.8112	22.9858	22.6337	44.1099	4	0
8/16/2015	22:00:00	22.1408	22.7653	24.9806	28.524	43.9057	4	0
8/16/2015	23:00:01	21.9721	22.4027	20.6167	18.9629	43.9057	4	0
8/17/2015	0:00:01	21.7319	22.4073	20.6901	21.8422	43.9057	4	0
8/17/2015	1:00:01	21.6395	22.6501	18.0251	20.9018	44.1099	4	0
8/17/2015	2:00:00	21.3972	22.0517	17.373	20.894	44.5183	4	0
8/17/2015	3:00:00	21.5782	21.6156	18.6658	15.231	44.9267	4	0
8/17/2015	4:00:01	21.8822	21.7762	19.2965	14.3899	45.1309	4	0
8/17/2015	5:00:01	21.8489	21.672	18.6602	21.8082	44.9267	4	0
8/17/2015	6:00:01	22.0464	21.7094	20.8047	24.7658	44.5183	4	0
8/17/2015	7:00:00	21.9439	21.3208	23.0177	25.1379	44.7225	4	0

8/17/2015	8:00:00	22.1442	21.1182	25.6348	24.3147	43.7015	4	0
8/17/2015	9:00:01	22.1153	21.1836	23.5179	22.2994	43.9057	4	0
8/17/2015	10:00:01	22.2782	21.3362	24.8967	21.8846	43.0888	4	0
8/17/2015	11:00:00	21.7731	20.6529	12.9376	10.3578	43.4972	4	0
8/17/2015	12:00:00	21.5311	20.0497	13.2935	-21.0279	43.293	4	0
8/17/2015	13:00:00	21.4032	19.5416	12.1611	71.1723	43.4972	4	0
8/17/2015	14:00:01	20.7515	19.1994	17.4257	37.8225	44.1099	4	0
8/17/2015	15:00:01	20.454	19.0223	16.986	-0.101942	44.3141	4	0
8/17/2015	16:00:00	20.6631	19.1479	19.8454	2.60223	44.1099	4	0
8/17/2015	17:00:00	20.5719	18.9691	16.4749	11.8492	44.1099	4	0
8/17/2015	18:00:00	20.6449	19.2555	25.1746	39.5914	44.3141	4	0
8/17/2015	19:00:01	20.0207	18.6749	17.6065	9.61588	44.9267	4	0
8/17/2015	20:00:01	19.4831	17.9619	17.0433	0.395076	45.1309	4	0
8/17/2015	21:00:00	18.8186	16.668	8.34171	18.3978	45.1309	4	0
8/17/2015	22:00:00	18.1854	15.5571	11.9252	4.47798	45.9478	4	0
8/17/2015	23:00:00	17.7698	15.4145	11.1986	6.47633	45.9478	4	0
8/18/2015	0:00:01	17.414	15.3276	11.7772	3.61091	46.152	4	0
8/18/2015	1:00:01	17.0091	15.0039	7.76086	19.8635	45.9478	4	0
8/18/2015	2:00:00	16.6331	14.2594	8.28652	10.5355	45.9478	4	0
8/18/2015	3:00:01	16.0612	13.2918	5.3702	16.5251	46.3562	4	0
8/18/2015	4:00:01	15.7179	12.6105	11.5025	13.8422	46.3562	4	0
8/18/2015	5:00:00	15.1897	11.7928	6.53188	11.6659	46.152	4	0
8/18/2015	6:00:00	14.6479	10.383	7.82491	13.647	46.152	4	0
8/18/2015	7:00:01	14.4304	10.3254	16.3751	12.2967	45.9478	4	0
8/18/2015	8:00:01	13.8579	9.77426	9.79204	6.27446	45.3352	4	0
8/18/2015	9:00:00	13.4463	10.1461	12.5265	17.7994	44.9267	4	0
8/18/2015	10:00:00	13.2184	10.7086	18.6426	21.2623	45.1309	4	0
8/18/2015	11:00:00	13.5066	11.3588	18.8064	21.1799	44.9267	4	0
8/18/2015	12:00:00	13.6746	11.7259	15.8376	18.4824	44.7225	4	0
8/18/2015	13:00:00	13.884	12.4374	15.9388	25.6893	44.1099	4	0
8/18/2015	14:03:42	TTB Audit Cal	0	0	0	26.1392	1	0
8/18/2015	15:00:01	0	0	0	0	19.196	3	0
8/18/2015	16:00:01	0	0	0	11.9934	20.4212	4	0
8/18/2015	17:00:00	0	0	0	16.3521	20.217	4	0
8/18/2015	18:00:00	0	0	13.7241	22.838	20.4212	4	0
8/18/2015	19:00:01	0	0	3.17915	-1.65899	20.6255	4	0

8/18/2015	20:00:01	0	0	2.28324	3.17179	20.6255	4	0
8/18/2015	21:00:00	0	0	4.90788	4.56677	21.0339	4	0
8/18/2015	22:00:00	0	0	8.34497	10.2418	20.6255	4	0
8/18/2015	23:00:00	0	0	11.6238	16.4289	20.6255	4	0
8/19/2015	0:00:01	0	0	11.5466	8.92116	20.4212	4	0
8/19/2015	1:00:01	0	0	11.4558	12.6251	20.4212	4	0
8/19/2015	2:00:00	0	0	12.4315	15.1002	20.4212	4	0
8/19/2015	3:00:01	0	0	10.0733	8.63775	20.4212	4	0
8/19/2015	4:00:01	0	0	10.0882	11.354	20.4212	4	0
8/19/2015	5:00:01	0	9.27424	11.3945	10.1904	20.6255	4	0
8/19/2015	6:00:00	0	9.35615	14.6148	15.5043	20.217	4	0
8/19/2015	7:00:00	0	10.1279	12.8799	11.7785	20.8297	4	0
8/19/2015	8:00:01	0	11.1529	15.3058	15.5289	20.8297	4	0
8/19/2015	9:00:00	0	11.9683	14.3862	16.9474	20.4212	4	0
8/19/2015	10:00:00	0	12.3255	12.2352	13.818	20.6255	4	0
8/19/2015	11:00:01	0	12.1956	10.0599	10.4902	20.4212	4	0
8/19/2015	12:00:01	0	12.057	9.48248	10.3187	20.217	4	0
8/19/2015	13:00:00	0	11.7461	7.63883	7.30702	20.4212	4	0
8/19/2015	14:00:00	0	11.4341	8.6373	8.89323	20.6255	4	0
8/19/2015	15:00:00	0	11.4562	10.9509	12.0156	20.6255	4	0
8/19/2015	16:00:01	0	11.5182	10.8828	9.21091	20.6255	4	0
8/19/2015	17:00:01	10.3594	11.5106	11.5828	13.2861	20.6255	4	0
8/19/2015	18:00:00	10.2913	11.322	12.4246	10.3408	20.8297	4	0
8/19/2015	19:00:00	10.5484	11.0671	10.1348	3.27318	20.8297	4	0
8/19/2015	20:00:01	10.8211	10.5224	8.58756	8.76819	21.4423	4	0
8/19/2015	21:00:01	10.8901	9.93121	7.7058	8.41705	21.6465	4	0
8/19/2015	22:00:01	10.9196	9.65484	8.62952	9.49813	21.2381	4	0
8/19/2015	23:00:00	10.9196	9.65484	8.62952	9.52393	21.8507	4	0
8/20/2015	0:00:00	10.7189	9.5626	9.11362	7.67635	21.4423	4	0
8/20/2015	1:00:01	10.5718	9.61838	8.51478	8.07825	21.6465	4	0
8/20/2015	2:00:01	10.391	9.58523	8.25404	9.31441	21.6465	4	0
8/20/2015	3:00:01	10.3909	9.51756	10.0195	11.5054	21.6465	4	0
8/20/2015	4:00:00	10.3882	9.44993	9.95893	11.8065	21.4423	4	0
8/20/2015	5:00:00	10.3445	9.35072	10.3198	10.9465	21.6465	4	0
8/20/2015	6:00:01	10.1368	9.09658	9.17442	8.11697	21.8507	4	0
8/20/2015	7:00:01	10.0487	9.10059	9.80562	13.7734	21.6465	4	0

8/20/2015	8:00:00	10.0781	9.67655	15.1431	14.7814	21.2381	4	0
8/20/2015	9:00:00	10.0835	10.2109	13.8948	14.9938	21.4423	4	0
8/20/2015	10:00:00	10.2723	10.8379	15.6802	23.1783	21.0339	4	0
8/20/2015	11:00:01	10.7992	11.9389	22.2	20.2875	20.8297	4	0
8/20/2015	12:00:01	11.1041	12.552	16.287	17.2449	20.8297	4	0
8/20/2015	13:00:00	11.4389	13.1171	15.0707	16.3126	20.8297	4	0
8/20/2015	14:00:00	11.7923	13.8331	16.8021	17.9617	21.0339	4	0
8/20/2015	15:00:01	12.0646	14.4495	17.7366	18.2727	21.0339	4	0
8/20/2015	16:00:00	12.3183	14.9914	16.0603	15.6538	21.0339	4	0
8/20/2015	17:00:00	12.5117	15.5021	17.313	17.9344	21.0339	4	0
8/20/2015	18:00:00	12.6879	16.1568	18.0738	19.7636	21.2381	4	0
8/20/2015	19:00:01	12.8856	16.6513	17.7086	14.718	21.8507	4	0
8/20/2015	20:00:01	13.1932	16.7541	17.178	17.7292	21.8507	4	0
8/20/2015	21:00:00	13.5064	16.9139	16.6355	16.6068	22.2592	4	0
8/20/2015	22:00:00	13.8389	17.0288	17.2145	18.6489	22.2592	4	0
8/20/2015	23:00:00	14.1231	16.5748	16.7278	17.0839	22.4634	4	0
8/21/2015	0:00:01	14.3568	16.4782	14.8183	16.0863	22.6676	4	0
8/21/2015	1:00:01	14.6068	16.4566	14.3081	15.8263	22.2592	4	0
8/21/2015	2:00:00	14.6068	16.4566	14.3081	16.3684	22.4634	4	0
8/21/2015	3:00:00	15.0588	16.0596	13.4278	13.3549	22.6676	4	0
8/21/2015	4:00:00	15.1226	15.7369	11.9592	12.7938	22.6676	4	0
8/21/2015	5:00:01	15.2367	15.4211	13.0344	15.968	22.6676	4	0
8/21/2015	6:00:01	15.4853	15.1992	14.8548	14.2144	22.2592	4	0
8/21/2015	7:00:00	16.0998	15.6293	21.1096	12.3635	22.0549	4	0
8/21/2015	8:00:00	16.3155	15.6684	15.4776	14.5379	21.2381	4	0
8/21/2015	9:00:01	16.5868	15.8653	18.3377	22.0557	21.4423	4	0
8/21/2015	10:00:01	16.7783	16.0287	19.0242	20.4316	21.4423	4	0
8/21/2015	11:00:00	16.6535	16.1252	17.6342	19.0507	21.2381	4	0
8/21/2015	12:00:00	16.6987	16.2759	16.8642	15.7282	21.4423	4	0
8/21/2015	13:00:00	16.7615	16.3949	15.8984	17.2751	21.2381	4	0
8/21/2015	14:00:01	16.6996	16.366	15.1475	15.0078	20.8297	4	0
8/21/2015	15:00:01	16.493	16.3714	14.9414	16.4931	21.8507	4	0
8/21/2015	16:00:01	16.5712	16.7404	15.6684	14.4046	21.6465	4	0
8/21/2015	17:00:01	16.3854	16.7648	14.6295	15.2691	21.4423	4	0
8/21/2015	18:00:01	16.2363	16.7543	15.8225	16.6869	21.2381	4	0
8/21/2015	19:00:00	16.2383	16.5962	21.3146	23.5823	22.0549	4	0

8/21/2015	20:00:00	16.4658	17.2728	24.376	22.4255	22.6676	4	0
8/21/2015	21:00:01	16.562	17.3739	19.6477	20.6307	23.076	4	0
8/21/2015	22:00:01	16.4474	17.1266	16.933	14.582	23.076	4	0
8/21/2015	23:00:01	16.462	17.1612	18.03	22.5788	23.076	4	0
8/22/2015	0:00:00	16.4707	17.0819	15.7838	11.3597	23.076	4	0
8/22/2015	1:00:00	16.4853	17.0594	15.5675	12.4549	23.4844	4	0
8/22/2015	2:00:01	16.5174	17.1511	15.6327	11.9613	23.4844	4	0
8/22/2015	3:00:01	16.5689	17.2159	15.9502	19.7572	23.076	4	0
8/22/2015	4:00:00	16.7437	17.355	17.406	18.5193	23.6886	4	0
8/22/2015	5:00:00	16.8385	17.4933	16.3022	14.8545	23.6886	4	0
8/22/2015	6:00:00	17.01	17.7266	17.2365	16.5252	23.6886	4	0
8/22/2015	7:00:01	16.9125	17.3943	15.1079	14.1621	23.2802	4	0
8/22/2015	8:00:01	17.0617	16.8328	16.1645	18.2205	22.6676	4	0
8/22/2015	9:00:00	17.0617	16.8328	16.1645	19.131	22.0549	4	0
8/22/2015	10:00:00	16.8331	16.2514	12.9065	13.5595	22.6676	4	0
8/22/2015	11:00:00	16.6337	15.7608	12.2499	16.4006	22.8718	4	0
8/22/2015	12:00:01	16.4985	15.5109	12.7852	12.3657	22.6676	4	0
8/22/2015	13:00:01	16.5194	15.5138	15.7343	15.6043	23.076	4	0
8/22/2015	14:00:00	16.5008	15.3861	14.4011	15.5731	23.076	4	0
8/22/2015	15:00:00	16.5512	15.3502	15.8577	17.5877	23.076	4	0
8/22/2015	16:00:01	16.5766	15.2871	18.0098	20.2247	23.076	4	0
8/22/2015	17:00:01	16.6859	15.2954	16.7106	15.1693	23.076	4	0
8/22/2015	18:00:01	16.6961	15.2208	17.3926	17.6864	23.4844	4	0
8/22/2015	19:00:00	16.5774	15.6012	20.9044	23.6852	23.6886	4	0
8/22/2015	20:00:00	16.5712	16.3389	25.6652	23.6445	23.8929	4	0
8/22/2015	21:00:01	16.6904	16.9795	23.3691	22.9319	24.5055	4	0
8/22/2015	22:00:01	16.851	17.6394	20.4915	19.9423	24.0971	4	0
8/22/2015	23:00:01	17.0169	18.4597	21.7412	23.5504	24.7097	4	0
8/23/2015	0:00:00	17.1972	19.0637	19.4039	16.3374	24.7097	4	0
8/23/2015	1:00:00	17.2228	19.1485	16.7372	15.7252	24.7097	4	0
8/23/2015	2:00:01	17.3224	19.4916	18.4502	24.424	24.9139	4	0
8/23/2015	3:00:01	17.403	19.7409	19.2164	24.1846	25.1181	4	0
8/23/2015	4:00:00	17.4073	19.7312	17.4669	19.801	24.9139	4	0
8/23/2015	5:00:00	17.3276	19.5882	14.8387	18.1764	25.5266	4	0
8/23/2015	6:00:00	17.3012	19.4936	15.0624	12.0986	24.5055	4	0
8/23/2015	7:00:01	17.3962	19.1862	16.8073	15.8893	24.9139	4	0

8/23/2015	8:00:01	17.4445	18.4797	17.2341	14.55	24.9139	4	0
8/23/2015	9:00:00	17.5029	17.8742	15.8039	24.0651	25.1181	4	0
8/23/2015	10:00:00	17.6684	17.5904	17.6395	22.0331	24.9139	4	0
8/23/2015	11:00:00	17.9727	17.3631	18.8391	17.0492	25.1181	4	0
8/23/2015	12:00:01	18.0627	16.9143	13.499	13.1835	25.3223	4	0
8/23/2015	13:00:01	17.9786	16.6004	12.7111	15.4289	24.7097	4	0
8/23/2015	14:00:00	17.9719	16.2348	14.3446	12.2169	24.9139	4	0
8/23/2015	15:00:00	17.9213	15.8095	14.2607	13.9254	25.1181	4	0
8/23/2015	16:00:01	17.9006	15.7767	17.1805	19.8666	25.5266	4	0
8/23/2015	17:00:01	17.8284	15.8457	16.5159	17.5649	24.9139	4	0
8/23/2015	18:00:01	17.8086	16.0375	17.8618	19.3567	25.5266	4	0
8/23/2015	19:00:01	17.4761	15.8723	16.2438	21.3737	25.5266	4	0
8/23/2015	20:00:01	16.9041	15.594	15.2394	10.677	26.3434	4	0
8/23/2015	21:00:00	16.387	15.2952	12.9096	10.6835	27.1603	4	0
8/23/2015	22:00:01	16.0067	14.7749	11.0207	10.228	26.5476	4	0
8/23/2015	23:00:01	15.5915	14.2206	12.0319	14.8554	26.5476	4	0
8/24/2015	0:00:00	15.2771	14.1167	12.257	11.2482	26.5476	4	0
8/24/2015	1:00:00	15.1069	14.1507	13.1111	13.3019	26.7518	4	0
8/24/2015	2:00:00	14.8151	13.9561	11.991	12.2011	27.1602	4	0
8/24/2015	3:00:01	14.516	13.7567	11.1952	10.8629	27.3645	4	0
8/24/2015	4:00:01	14.2456	13.2611	10.6485	10.5947	27.5687	4	0
8/24/2015	5:00:00	14.0657	12.8102	10.8586	10.7112	27.1602	4	0
8/24/2015	6:00:00	13.9259	12.3128	11.3388	11.336	27.1603	4	0
8/24/2015	7:00:00	13.6962	11.7784	8.55232	14.6003	27.7729	4	0
8/24/2015	8:00:01	13.6421	11.7192	13.6938	17.56	26.3434	4	0
8/24/2015	9:00:01	13.6738	11.8916	14.221	16.4771	26.5476	4	0
8/24/2015	10:00:00	13.6384	12.2785	15.1796	18.9872	26.5476	4	0
8/24/2015	11:00:00	13.6384	12.2785	15.1796	19.202	26.1392	4	0
8/24/2015	12:00:01	13.5351	12.6086	13.2758	13.8823	25.935	4	0
8/24/2015	13:00:01	13.6795	12.8078	15.6446	18.1384	25.7308	4	0
8/24/2015	14:00:01	13.9088	13.4012	19.2052	22.147	25.935	4	0
8/24/2015	15:00:00	14.1458	14.1371	20.7399	19.3813	26.3434	4	0
8/24/2015	16:00:00	14.3765	15.1189	22.8127	22.4302	25.935	4	0
8/24/2015	17:00:01	14.6412	16.1171	23.5023	25.2608	26.3434	4	0
8/24/2015	18:00:01	14.7222	16.8537	21.4139	20.0464	26.7518	4	0
8/24/2015	19:00:00	14.8725	17.827	21.0845	23.0487	26.7518	4	0

8/24/2015	20:00:00	14.8565	17.9769	16.6146	17.8318	27.3645	4	0
8/24/2015	21:00:00	14.8934	17.9833	14.8038	13.1555	26.956	4	0
8/24/2015	22:00:01	14.8769	17.6418	11.2571	8.95697	26.956	4	0
8/24/2015	23:00:01	14.8706	17.417	11.5055	4.80439	27.7729	4	0
8/25/2015	0:00:00	14.7916	17.212	10.7931	13.1566	27.5687	4	0
8/25/2015	1:00:00	14.7313	16.941	12.4831	14.5299	27.5687	4	0
8/25/2015	2:00:01	14.6698	16.2789	10.939	11.5533	27.3645	4	0
8/25/2015	3:00:01	14.5915	15.4491	11.2318	11.4527	27.9771	4	0
8/25/2015	4:00:01	14.6361	14.6162	12.4879	12.4998	27.7729	4	0
8/25/2015	5:00:00	14.6477	13.679	11.8343	11.8999	27.9771	4	0
8/25/2015	6:00:00	14.661	12.8648	10.656	10.3578	27.9771	4	0
8/25/2015	7:00:01	14.8225	12.0324	9.66161	15.4036	27.3645	4	0
8/25/2015	8:00:01	14.7396	11.5122	9.52533	6.96485	26.956	4	0
8/25/2015	9:00:01	14.6863	11.2617	11.3144	12.0039	26.7518	4	0
8/25/2015	10:00:00	14.448	11.1187	9.76091	7.8109	26.956	4	0
8/25/2015	11:00:00	14.269	10.9631	9.42725	9.75638	26.956	4	0
8/25/2015	12:00:01	14.1077	10.7577	7.99289	5.86542	26.956	4	0
8/25/2015	13:00:01	13.8618	10.4288	8.28898	6.31323	26.956	4	0
8/25/2015	14:00:01	13.4957	10.304	9.3312	11.1191	26.1392	4	0
8/25/2015	15:00:00	13.0017	10.1342	9.81869	9.49348	26.956	4	0
8/25/2015	16:00:00	12.5234	9.99551	11.1184	12.794	26.956	4	0
8/25/2015	17:00:01	12.185	10.2647	15.4346	32.8026	27.1602	4	0
8/25/2015	18:00:01	11.8317	10.4818	13.8516	11.462	26.956	4	0
8/25/2015	19:00:00	11.4458	10.7184	13.1675	11.1786	27.3645	4	0
8/25/2015	20:00:00	11.2475	10.9132	11.8815	9.90977	27.1602	4	0
8/25/2015	21:00:01	11.1451	11.0361	13.0999	13.9283	27.1603	4	0
8/25/2015	22:00:01	11.062	11.0199	9.77827	10.1592	27.9771	4	0
8/25/2015	23:00:01	11.0159	11.1108	10.5218	8.47843	27.3645	4	0
8/26/2015	0:00:00	11.079	11.4911	12.6519	14.6179	27.5687	4	0
8/26/2015	1:00:00	10.9914	11.7128	11.3032	9.34233	28.1813	4	0
8/26/2015	2:00:01	10.7019	11.3346	5.32857	3.42846	28.1813	4	0
8/26/2015	3:00:01	10.4368	10.9843	6.0016	6.57639	28.5897	4	0
8/26/2015	4:00:01	10.1661	10.6031	6.53936	8.06692	28.3855	4	0
8/26/2015	5:00:00	9.99204	9.96625	6.99939	6.16398	28.1813	4	0
8/26/2015	6:00:00	9.91316	9.56464	8.65004	8.47774	28.5897	4	0
8/26/2015	7:00:01	9.88284	9.21216	8.56457	9.68479	28.794	4	0

8/26/2015	8:00:01	9.88731	9.0095	9.05336	13.3294	27.9771	4	0
8/26/2015	9:00:01	9.75382	8.56697	7.41035	4.97463	27.9771	4	0
8/26/2015	10:00:00	9.73729	8.50601	8.78941	7.18216	27.9771	4	0
8/26/2015	11:00:00	9.76933	8.44746	9.56196	13.4159	27.9771	4	0
8/26/2015	12:00:01	9.74999	8.00761	7.31046	10.2253	27.7729	4	0
8/26/2015	13:00:01	10.0277	8.27659	14.425	15.6462	27.3645	4	0
8/26/2015	14:00:01	10.2728	9.08088	14.9631	8.37777	27.7729	4	0
8/26/2015	15:00:00	10.3142	9.45133	10.3627	13.2218	27.7729	4	0
8/26/2015	16:00:00	10.3393	9.8686	11.6588	9.88891	27.7729	4	0
8/26/2015	17:00:01	10.0916	10.049	9.17534	8.42426	27.7729	4	0
8/26/2015	18:00:01	9.89294	10.1102	10.0118	13.1613	28.1813	4	0
8/26/2015	19:00:00	9.78541	10.3282	12.047	14.6711	28.7939	4	0
8/26/2015	20:00:00	9.80027	10.619	13.0824	11.7831	29.2024	4	0
8/26/2015	21:00:00	9.80648	11.0993	13.2571	11.2867	28.794	4	0
8/26/2015	22:00:01	9.90457	11.3928	12.5656	12.1937	29.6108	4	0
8/26/2015	23:00:01	9.94644	11.5706	11.8706	10.2236	29.815	4	0
8/27/2015	0:00:00	9.79499	11.714	9.16418	15.4573	29.4066	4	0
8/27/2015	1:00:00	9.81165	11.5095	11.815	11.862	29.815	4	0
8/27/2015	2:00:00	9.91366	10.9528	8.11747	9.44476	29.815	4	0
8/27/2015	3:00:01	10.0502	10.8937	9.56394	10.9121	30.0192	4	0
8/27/2015	4:00:01	10.2742	10.9204	11.4112	13.6519	30.0192	4	0
8/27/2015	5:00:00	10.3382	10.9178	9.3984	10.5895	29.815	4	0
8/27/2015	6:00:01	10.374	10.8745	9.07525	13.1959	30.0192	4	0
8/27/2015	7:00:00	10.6072	10.9623	11.7225	15.2601	29.815	4	0
8/27/2015	8:00:00	11.1195	11.543	18.8023	22.7512	29.4066	4	0
8/27/2015	9:00:00	11.5623	11.8663	16.512	15.2778	28.794	4	0
8/27/2015	10:00:01	11.921	12.203	16.2595	17.843	28.5897	4	0
8/27/2015	11:00:01	12.201	12.544	16.1695	15.4421	29.2024	4	0
8/27/2015	12:00:00	12.6374	13.2043	16.7966	16.7793	28.5897	4	0
8/27/2015	13:00:00	12.7689	13.6207	16.6439	22.1156	28.9982	4	0
8/27/2015	14:00:00	12.797	14.2439	15.9037	16.1909	28.7939	4	0
8/27/2015	15:00:01	13.0375	14.7284	15.0734	14.0004	28.7939	4	0
8/27/2015	16:00:01	13.2297	15.117	16.6739	20.8371	28.3855	4	0
8/27/2015	17:00:00	13.413	15.4764	14.6643	13.9328	28.9982	4	0
8/27/2015	18:00:00	13.4748	15.7205	13.3441	17.1609	29.2024	4	0
8/27/2015	19:00:01	13.7297	16.3079	20.0507	23.026	29.6108	4	0

8/27/2015	20:00:01	14.1004	16.6043	22.9683	19.3783	29.815	4	0
8/27/2015	21:00:00	14.3628	16.9435	21.7193	23.917	30.8361	4	0
8/27/2015	22:00:00	14.7421	17.435	22.1735	16.8932	30.8361	4	0
8/27/2015	23:00:00	15.2347	18.0962	23.9345	24.6312	31.0403	4	0
8/28/2015	0:00:01	15.755	18.5593	22.4418	23.8941	31.0403	4	0
8/28/2015	1:00:01	16.0843	18.8448	19.3872	19.4434	31.6529	4	0
8/28/2015	2:00:00	16.587	19.2343	20.129	20.7942	31.4487	4	0
8/28/2015	3:00:00	17.0033	19.6488	19.5979	20.9558	31.8571	4	0
8/28/2015	4:00:00	17.2729	19.7953	17.9552	18.2568	31.6529	4	0
8/28/2015	5:00:01	17.5299	19.912	15.7849	15.0987	31.8571	4	0
8/28/2015	6:00:01	17.8678	20.2749	17.7085	13.6552	31.6529	4	0
8/28/2015	7:00:00	18.3766	20.5863	22.9972	29.2977	32.2656	4	0
8/28/2015	8:00:00	18.6321	20.7123	23.6427	29.8545	31.6529	4	0
8/28/2015	9:00:00	18.946	20.7875	21.2268	23.4974	31.4487	4	0
8/28/2015	10:00:01	19.2484	20.7892	21.3123	23.7265	30.8361	4	0
8/28/2015	11:00:01	19.4156	20.3652	18.2665	18.4661	31.0403	4	0
8/28/2015	12:00:00	19.4789	19.9815	18.3849	22.9551	31.0403	4	0
8/28/2015	13:00:00	19.8256	20.376	24.1665	26.127	31.6529	4	0
8/28/2015	14:00:01	20.0949	20.5144	22.1417	19.4086	31.0403	4	0
8/28/2015	15:00:01	20.297	20.5011	19.9104	27.3462	31.4487	4	0
8/28/2015	16:00:01	20.5778	20.9585	24.3009	25.0614	31.0403	4	0
8/28/2015	17:00:00	20.9967	21.651	24.1284	23.3637	31.6529	4	0
8/28/2015	18:00:00	21.3978	22.1253	24.5373	22.8124	31.6529	4	0
8/28/2015	19:00:01	21.5109	22.0993	23.2392	22.7653	32.0614	4	0
8/28/2015	20:00:01	21.4209	21.8881	21.8033	27.5009	31.6529	4	0
8/28/2015	21:00:01	21.3199	21.7415	19.5301	16.8213	32.0614	4	0
8/28/2015	22:00:00	21.1505	21.5283	19.0356	21.4543	31.8571	4	0
8/28/2015	23:00:00	20.9811	21.7164	20.6113	24.7379	32.0614	4	0
8/29/2015	0:00:01	21.0336	22.2667	25.7096	11.8094	32.2656	4	0
8/29/2015	1:00:01	20.955	21.7585	17.8703	19.3162	32.674	4	0
8/29/2015	2:00:01	20.7817	21.24	15.1271	13.4211	32.8782	4	0
8/29/2015	3:00:00	20.5772	20.9172	16.7369	21.4076	33.0824	4	0
8/29/2015	4:00:00	20.4728	20.2167	15.6334	16.4765	32.674	4	0
8/29/2015	5:00:01	20.5982	19.8158	19.0901	21.1663	32.674	4	0
8/29/2015	6:00:01	20.5111	19.0779	15.1747	19.1197	33.0824	4	0
8/29/2015	7:00:00	20.3174	18.6225	16.8714	21.9499	32.674	4	0

8/29/2015	8:00:00	20.1045	18.3371	18.0058	21.1112	32.674	4	0
8/29/2015	9:00:00	20.2125	18.5896	21.5207	26.5147	32.4698	4	0
8/29/2015	10:00:01	20.1285	18.6124	19.4227	18.55	32.4698	4	0
8/29/2015	11:00:01	20.3299	18.7626	22.1168	24.4519	32.4698	4	0
8/29/2015	12:00:00	20.413	18.2465	19.4023	19.2564	32.4698	4	0
8/29/2015	13:00:00	20.2442	18.3881	19.5431	21.0934	32.8782	4	0
8/29/2015	14:00:01	20.3854	19.1574	23.7194	31.8002	32.4698	4	0
8/29/2015	15:00:01	20.7331	20.1092	28.5714	32.6576	32.2656	4	0
8/29/2015	16:00:00	20.8233	21.166	30.3668	21.2489	32.674	4	0
8/29/2015	17:00:00	20.7677	21.4409	22.4696	24.4704	32.4698	4	0
8/29/2015	18:00:00	20.7189	22.1591	24.5037	29.8574	33.0824	4	0
8/29/2015	19:00:01	20.5645	22.4158	20.589	18.7718	32.674	4	0
8/29/2015	20:00:01	20.4722	22.5581	19.9205	23.5435	33.2866	4	0
8/29/2015	21:00:00	20.403	22.2892	18.6315	17.2138	33.0824	4	0
8/29/2015	22:00:00	20.4029	22.2685	19.1427	20.9023	33.2866	4	0
8/29/2015	23:00:00	20.3084	21.9659	18.3055	19.7458	33.2866	4	0
8/30/2015	0:00:01	20.0543	22.0503	20.8395	20.6403	33.6951	4	0
8/30/2015	1:00:01	20.2636	22.3521	22.9092	24.5648	33.695	4	0
8/30/2015	2:00:00	20.5743	22.3013	22.8649	24.7491	34.3077	4	0
8/30/2015	3:00:00	20.4755	21.2079	15.5139	10.644	34.3077	4	0
8/30/2015	4:00:00	20.3848	19.8205	13.2743	15.9066	34.1035	4	0
8/30/2015	5:00:01	20.2338	19.3006	16.3656	21.9203	34.3077	4	0
8/30/2015	6:00:01	20.3774	18.8827	19.6857	16.2171	34.7161	4	0
8/30/2015	7:00:00	20.4114	18.6547	17.661	20.0896	34.5119	4	0
8/30/2015	8:00:00	20.3236	18.2527	14.2482	18.7147	34.3077	4	0
8/30/2015	9:00:00	20.2531	18.2139	16.9295	15.5299	34.1035	4	0
8/30/2015	10:00:01	20.1813	17.956	14.921	8.79218	33.4908	4	0
8/30/2015	11:00:01	19.8779	17.5721	13.07	15.6917	33.4908	4	0
8/30/2015	12:00:01	19.5104	16.6885	10.4107	14.777	33.695	4	0
8/30/2015	13:00:01	19.2394	15.8433	13.0655	18.5891	33.4908	4	0
8/30/2015	14:00:00	19.0105	15.2909	15.6286	13.1499	33.4908	4	0
8/30/2015	15:00:00	18.1989	14.7147	8.7553	1.65376	33.8993	4	0
8/30/2015	16:00:00	17.3286	14.4155	10.0118	12.0931	33.8993	4	0
8/30/2015	17:00:01	16.8879	14.0574	12.6201	14.83	33.4908	4	0
8/30/2015	18:00:01	16.4148	13.6619	16.5819	21.4606	34.7161	4	0
8/30/2015	19:00:00	16.3303	13.8792	21.648	22.3046	34.7161	4	0

8/30/2015	20:00:00	16.2894	14.3122	19.8969	26.5642	35.3287	4	0
8/30/2015	21:00:01	16.3262	14.5448	19.7827	23.3621	35.533	4	0
8/30/2015	22:00:01	16.0908	14.5049	14.9196	19.114	35.9414	4	0
8/30/2015	23:00:01	16.0269	14.8568	17.4123	11.5504	35.9414	4	0
8/31/2015	0:00:00	15.8208	15.3333	16.1471	18.7225	35.9414	4	0
8/31/2015	1:00:00	15.7209	15.9389	19.8774	11.3659	36.554	4	0
8/31/2015	2:00:01	15.5563	16.2403	18.9737	21.8545	36.554	4	0
8/31/2015	3:00:01	15.8384	17.3411	21.3141	24.5383	36.7582	4	0
8/31/2015	4:00:01	16.0716	18.131	19.857	17.5102	36.7582	4	0
8/31/2015	5:00:00	16.1689	18.6793	19.2729	19.6211	37.3709	4	0
8/31/2015	6:00:00	16.1457	18.8756	18.0169	28.572	37.1667	4	0
8/31/2015	7:00:01	16.4519	19.1112	23.2811	17.9818	36.554	4	0
8/31/2015	8:00:01	17.3684	20.2996	31.3109	30.9496	36.1456	4	0
8/31/2015	9:00:00	17.9932	21.1736	28.4063	31.9811	35.533	4	0
8/31/2015	10:00:00	18.657	22.3899	28.2481	21.7738	34.9203	4	0
8/31/2015	11:00:01	19.1958	23.0081	24.3213	25.1991	35.3287	4	0
8/31/2015	12:00:01	19.8644	23.791	25.5114	26.1082	35.1245	4	0
8/31/2015	13:00:01	20.4005	24.1355	22.9404	16.7227	34.9203	4	0
8/31/2015	14:00:00	20.6826	24.3648	22.6003	19.1533	34.3077	4	0
8/31/2015	15:00:00	21.3479	24.5958	25.3989	22.3666	34.9203	4	0
8/31/2015	16:00:01	22.1403	25.3182	29.8786	31.2006	34.9203	4	0
8/31/2015	17:00:01	22.905	26.264	32.0598	29.8245	34.9203	4	0
8/31/2015	18:00:01	23.3919	27.1962	31.7404	37.1083	35.3287	4	0
8/31/2015	19:00:00	23.65	27.7174	32.893	34.0586	35.9414	4	0
8/31/2015	20:00:00	24.4207	28.3746	40.5522	44.4753	35.533	4	0
8/31/2015	21:00:01	25.2988	29.4661	41.7915	40.0545	36.3498	4	0
8/31/2015	22:00:01	26.2383	30.3093	38.5384	37.0013	35.7372	4	0
8/31/2015	23:00:02	26.7338	30.8189	30.5963	29.7796	36.9625	4	0
9/1/2015	0:00:00	27.1424	30.9542	27.123	27.4131	36.554	4	0
9/1/2015	1:00:00	27.4149	31.2921	25.8381	29.2481	36.3498	4	0
9/1/2015	2:00:01	27.5689	31.4245	24.3056	24.1178	36.554	4	0
9/1/2015	3:00:01	27.6073	31.2939	23.8605	23.3734	36.7582	4	0
9/1/2015	4:00:01	27.7286	30.7613	22.1158	23.8447	36.3498	4	0
9/1/2015	5:00:00	27.7216	29.8962	22.4555	22.2461	37.3709	4	0
9/1/2015	6:00:00	27.9454	29.2619	23.1692	28.1147	36.9625	4	0
9/1/2015	7:01:09	0	0	0	0	8.37272	1	0

9/1/2015	8:00:01	0	0	0	0	19.6044	3	0
9/1/2015	9:00:00	0	0	0	26.1057	19.196	4	0
9/1/2015	10:00:00	0	0	0	30.4249	19.6044	4	0
9/1/2015	11:00:00	0	0	30.331	31.2673	19.4002	4	0
9/1/2015	12:00:01	0	0	25.9133	27.3457	19.6044	4	0
9/1/2015	13:00:01	0	0	32.3502	50.1549	19.6044	4	0
9/1/2015	14:00:00	0	0	45.5146	41.3597	19.6044	4	0
9/1/2015	15:00:00	0	0	34.6386	35.2494	20.0128	4	0
9/1/2015	16:00:01	0	0	31.6728	27.361	19.196	4	0
9/1/2015	17:00:01	0	0	32.1321	33.0623	20.0128	4	0
9/1/2015	18:00:01	0	0	29.6559	32.8565	19.6044	4	0
9/1/2015	19:00:00	0	0	38.5169	36.6874	20.217	4	0
9/1/2015	20:00:00	0	0	35.7809	34.6946	20.6255	4	0
9/1/2015	21:00:01	0	0	28.4185	26.7625	20.217	4	0
9/1/2015	22:00:01	0	31.8461	24.9044	24.0608	21.0339	4	0
9/1/2015	23:00:01	0	31.2432	22.7346	23.8597	21.0339	4	0
9/2/2015	0:00:00	0	31.2432	22.7346	24.6436	21.0339	4	0
9/2/2015	1:00:00	0	30.5135	25.0859	27.8563	21.2381	4	0
9/2/2015	2:00:01	0	29.1265	28.1581	30.121	21.4423	4	0
9/2/2015	3:00:01	0	28.6323	28.0361	28.8156	21.0339	4	0
9/2/2015	4:00:00	0	28.3774	27.6589	30.1421	21.0339	4	0
9/2/2015	5:00:00	0	27.9902	26.9822	25.0593	21.2381	4	0
9/2/2015	6:00:00	0	27.8308	27.1291	30.5332	21.6465	4	0
9/2/2015	7:00:01	0	27.3842	29.8679	34.6206	21.2381	4	0
9/2/2015	8:00:01	0	27.4709	33.8467	31.9766	21.0339	4	0
9/2/2015	9:00:00	0	28.2062	35.3766	37.6276	20.6255	4	0
9/2/2015	10:00:00	30.7422	29.0122	32.9058	32.8618	21.0339	4	0
9/2/2015	11:00:01	30.9161	29.7794	30.8055	35.2582	20.4212	4	0
9/2/2015	12:00:01	31.1583	30.3108	29.7762	23.8945	20.6255	4	0
9/2/2015	13:00:01	31.0373	30.6263	29.8051	31.0298	20.8297	4	0
9/2/2015	14:00:00	30.356	30.6116	28.6565	28.4865	20.8297	4	0
9/2/2015	15:00:00	30.1499	30.6446	29.2033	32.761	20.4212	4	0
9/2/2015	16:00:01	29.9233	30.4827	27.2189	28.0327	21.0339	4	0
9/2/2015	17:00:01	29.5599	30.2801	27.5464	31.9128	21.2381	4	0
9/2/2015	18:00:01	29.5807	30.4744	30.4774	32.1541	21.2381	4	0
9/2/2015	19:00:00	28.8159	29.9149	27.1511	30.2606	21.6465	4	0

9/2/2015	20:00:00	28.4226	29.3749	28.5265	29.5112	21.8507	4	0
9/2/2015	21:00:01	28.3642	28.735	27.8297	27.7125	22.2592	4	0
9/2/2015	22:00:01	28.5167	28.4781	29.968	32.2358	21.8507	4	0
9/2/2015	23:00:01	28.7342	28.3566	29.2935	33.2495	22.0549	4	0
9/3/2015	0:00:00	28.7722	28.0379	25.6982	25.5849	22.4634	4	0
9/3/2015	1:00:00	28.5524	27.3755	22.0874	21.8865	23.076	4	0
9/3/2015	2:00:01	28.2922	26.9042	22.2863	26.7833	22.4634	4	0
9/3/2015	3:00:01	27.9768	26.2947	21.3274	21.7915	23.076	4	0
9/3/2015	4:00:00	27.6868	25.7875	19.923	19.9635	22.4634	4	0
9/3/2015	5:00:00	27.322	25.2023	21.0466	20.0873	22.8718	4	0
9/3/2015	6:00:00	27.2006	24.7068	23.2576	23.8477	22.8718	4	0
9/3/2015	7:00:01	27.1954	24.7418	25.2928	30.3694	22.8718	4	0
9/3/2015	8:00:01	27.2887	25.0769	29.7627	34.586	22.2592	4	0
9/3/2015	9:00:01	27.2015	25.3181	29.0737	30.9917	22.0549	4	0
9/3/2015	10:00:01	27.1689	25.2673	28.0235	26.9094	22.2592	4	0
9/3/2015	11:00:00	26.9097	24.7133	22.3369	22.6347	22.4634	4	0
9/3/2015	12:00:00	26.3923	23.9258	16.635	19.7096	21.8507	4	0
9/3/2015	13:00:00	26.0112	23.672	18.9809	18.2071	21.6465	4	0
9/3/2015	14:00:01	25.5167	23.1236	16.1488	17.8242	22.0549	4	0
9/3/2015	15:00:01	25.0187	22.686	16.4604	14.2371	22.0549	4	0
9/3/2015	16:00:00	24.5434	22.3108	16.2474	15.4902	22.0549	4	0
9/3/2015	17:00:00	23.9865	21.8405	17.5698	22.7368	22.4634	4	0
9/3/2015	18:00:00	23.3215	21.2489	18.605	22.2778	22.6676	4	0
9/3/2015	19:00:01	22.7595	20.4168	17.1904	16.8562	23.2802	4	0
9/3/2015	20:00:01	22.3993	19.7395	22.8994	26.7948	23.4844	4	0
9/3/2015	21:00:00	22.111	19.1271	21.8182	18.8422	23.076	4	0
9/3/2015	22:00:00	21.5769	18.3757	19.396	19.6233	23.076	4	0
9/3/2015	23:00:00	21.0909	18.119	19.4408	15.5785	23.4844	4	0
9/4/2015	0:00:01	21.0938	18.9317	26.0862	24.4915	24.5055	4	0
9/4/2015	1:00:01	21.1336	19.3786	24.2775	23.7422	24.3013	4	0
9/4/2015	2:00:00	21.0794	19.8721	21.9873	18.5159	24.5055	4	0
9/4/2015	3:00:00	21.0316	20.2801	21.2695	22.5287	23.8929	4	0
9/4/2015	4:00:01	20.9126	20.3949	17.044	16.1549	24.3013	4	0
9/4/2015	5:00:01	20.6913	20.2937	15.8048	19.8679	24.9139	4	0
9/4/2015	6:00:01	20.6469	20.6286	22.088	26.8259	24.9139	4	0
9/4/2015	7:00:00	20.6469	20.6286	22.088	25.4101	24.7097	4	0

9/4/2015	8:00:00	20.3141	21.0325	21.2009	20.4947	25.3223	4	0
9/4/2015	9:00:01	20.2319	21.2542	21.9712	28.1833	24.5055	4	0
9/4/2015	10:00:01	20.2696	21.9329	26.7066	23.926	24.0971	4	0
9/4/2015	11:00:01	20.5695	22.5604	24.9784	26.0353	23.8928	4	0
9/4/2015	12:00:00	20.9443	22.4436	25.1893	21.9949	24.7097	4	0
9/4/2015	13:00:00	21.2062	22.49	25.9765	23.3974	24.3013	4	0
9/4/2015	14:00:01	21.762	22.9046	25.8512	33.6463	24.7097	4	0
9/4/2015	15:00:01	22.2262	23.3744	27.9471	31.7503	24.0971	4	0
9/4/2015	16:00:00	22.5694	24.0331	26.7895	24.7366	24.7097	4	0
9/4/2015	17:00:00	22.808	24.607	23.1383	30.2544	25.1181	4	0
9/4/2015	18:00:01	23.0609	24.9362	29.0262	38.0695	24.9139	4	0
9/4/2015	19:00:00	23.5308	25.6513	31.6289	30.9505	25.7308	4	0
9/4/2015	20:00:00	24.0034	26.8413	37.3329	36.2006	25.5265	4	0
9/4/2015	21:00:01	24.5686	28.0909	38.7034	34.6402	25.7308	4	0
9/4/2015	22:00:01	25.0307	28.4823	31.7107	32.6797	26.5476	4	0
9/4/2015	23:00:00	25.0802	28.2138	21.7092	17.905	26.956	4	0
9/5/2015	0:00:00	24.6471	27.4985	16.1653	19.506	27.1602	4	0
9/5/2015	1:00:00	24.1791	26.5195	14.0383	13.3171	27.5687	4	0
9/5/2015	2:00:00	24.3567	26.6606	26.9714	36.2511	27.1603	4	0
9/5/2015	3:00:01	24.4338	26.3516	23.2266	28.0783	27.5687	4	0
9/5/2015	4:00:01	24.6528	26.0964	23.3859	30.1952	27.7729	4	0
9/5/2015	5:00:00	24.8705	25.9857	20.995	18.9991	27.3645	4	0
9/5/2015	6:00:00	24.755	25.1914	18.0955	25.0718	27.3645	4	0
9/5/2015	7:00:01	24.8715	24.4676	21.0807	20.7632	27.3645	4	0
9/5/2015	8:00:01	25.0265	23.4649	25.0056	24.1398	28.1813	4	0
9/5/2015	9:00:01	25.0121	21.9638	20.0075	18.5791	27.7729	4	0
9/5/2015	10:00:00	24.8864	21.2219	22.5631	24.4524	27.9771	4	0
9/5/2015	11:00:00	24.6692	20.9447	18.0097	16.4086	28.3855	4	0
9/5/2015	12:00:01	24.4353	21.2052	19.6628	22.5328	28.1813	4	0
9/5/2015	13:00:01	24.2978	21.7238	19.0871	20.8636	27.9771	4	0
9/5/2015	14:00:01	24.1937	21.3119	22.2049	25.9414	28.3855	4	0
9/5/2015	15:00:00	23.9143	21.063	20.5874	15.9027	28.5897	4	0
9/5/2015	16:00:00	23.5878	20.6628	19.3432	15.0223	28.1813	4	0
9/5/2015	17:00:01	23.1463	19.958	13.3893	16.2414	29.2024	4	0
9/5/2015	18:00:01	22.5216	19.6539	15.3471	17.774	28.5897	4	0
9/5/2015	19:00:00	21.7883	19.1046	15.1861	13.1295	29.815	4	0

9/5/2015	20:00:00	20.8811	18.3604	16.6948	24.597	29.815	4	0
9/5/2015	21:00:00	20.3252	18.7468	24.1273	13.6939	30.4277	4	0
9/5/2015	22:00:01	19.6446	18.1779	15.8991	19.1003	30.4277	4	0
9/5/2015	23:00:00	19.4754	18.1835	18.207	18.9771	31.0403	4	0
9/6/2015	0:00:00	19.7204	18.4119	22.4463	25.7937	31.2445	4	0
9/6/2015	1:00:01	20.2066	18.9563	25.1144	25.7677	31.4487	4	0
9/6/2015	2:00:01	20.4762	19.912	33.2908	34.4792	31.8571	4	0
9/6/2015	3:00:01	20.7448	20.6958	29.7372	30.8313	31.8571	4	0
9/6/2015	4:00:00	20.7448	20.6958	29.7372	29.1407	32.4698	4	0
9/6/2015	5:00:00	21.2616	22.7705	29.2433	30.6323	32.2656	4	0
9/6/2015	6:00:01	21.7694	24.0192	30.159	31.7327	32.8782	4	0
9/6/2015	7:00:01	22.3505	25.5839	32.6066	35.428	33.0824	4	0
9/6/2015	8:00:01	22.9123	27.271	34.8918	36.4897	32.8782	4	0
9/6/2015	9:00:01	23.9026	28.7099	38.3728	37.5407	32.8782	4	0
9/6/2015	10:00:01	24.619	30.634	38.0206	41.4442	33.2866	4	0
9/6/2015	11:00:00	25.4898	32.2832	37.1816	37.3683	33.4908	4	0
9/6/2015	12:00:00	26.2103	33.4425	36.4606	31.3104	34.3077	4	0
9/6/2015	13:00:01	27.0688	34.5569	37.9642	35.9442	33.8993	4	0
9/6/2015	14:00:01	27.5519	34.5277	33.8865	30.2961	34.7161	4	0
9/6/2015	15:00:01	28.0966	34.7481	32.4059	31.4212	34.5119	4	0
9/6/2015	16:00:00	28.5932	34.9656	32.6931	29.9833	34.5119	4	0
9/6/2015	17:00:00	29.4048	35.2196	33.7321	37.8798	35.1245	4	0
9/6/2015	18:00:01	29.8226	35.0098	32.8235	46.0315	36.3498	4	0
9/6/2015	19:00:01	30.7997	35.6499	43.6136	36.2114	36.7582	4	0
9/6/2015	20:00:00	31.392	35.4841	35.5602	43.4795	37.5751	4	0
9/6/2015	21:00:00	31.392	35.4841	35.5602	29.546	38.3919	4	0
9/6/2015	22:00:00	32.1702	34.3023	30.7152	32.096	38.8004	4	0
9/6/2015	23:00:01	32.6449	33.7145	28.8028	29.8584	39.0046	4	0
9/7/2015	0:00:01	32.8246	33.0523	28.3083	29.5191	39.8214	4	0
9/7/2015	1:00:00	32.7994	32.1579	27.4479	29.3654	40.0256	4	0
9/7/2015	2:00:00	32.6069	31.7087	26.2066	29.9269	40.4341	4	0
9/7/2015	3:00:01	32.5026	31.4307	28.5927	31.0996	40.0256	4	0
9/7/2015	4:00:01	32.6747	31.4822	31.9308	45.426	40.2298	4	0
9/7/2015	5:00:00	32.8448	31.5887	34.3832	34.9595	40.6383	4	0
9/7/2015	6:00:00	32.9121	31.5649	31.7697	30.7223	41.4551	4	0
9/7/2015	7:00:01	32.9363	30.6393	30.8048	31.3939	41.0467	4	0

9/7/2015	8:00:01	33.0636	30.5612	31.8245	35	41.2509	4	0
9/7/2015	9:00:01	32.886	30.5157	31.4541	28.7515	41.4551	4	0
9/7/2015	10:00:00	32.4512	30.4479	32.6268	42.1489	41.6593	4	0
9/7/2015	11:00:00	32.4793	30.7735	29.2359	36.2599	41.2509	4	0
9/7/2015	12:00:01	31.9653	30.283	22.1056	14.8738	41.0467	4	0
9/7/2015	13:00:01	31.4774	29.8906	21.2157	11.2171	41.6593	4	0
9/7/2015	14:00:00	31.1316	30.0191	30.8993	34.9277	41.8635	4	0
9/7/2015	15:00:00	31.0848	30.1651	30.9467	34.2665	42.8846	4	0
9/7/2015	16:00:00	30.6967	29.2607	20.5474	-7.06443	42.8846	4	0
9/7/2015	17:00:01	29.8023	27.6201	18.3018	14.2867	43.4972	4	0
9/7/2015	18:00:01	29.2663	26.6554	21.2996	27.9776	44.1099	4	0
9/7/2015	19:00:00	28.3723	26.0366	24.8475	24.2657	44.9267	4	0
9/7/2015	20:00:00	27.761	25.1884	21.9958	24.3634	45.1309	4	0
9/7/2015	21:00:01	27.1184	24.16	19.8127	19.3048	45.9478	4	0
9/7/2015	22:00:01	26.865	23.4989	24.3894	25.7509	46.7646	4	0
9/7/2015	23:00:01	26.6254	23.0065	22.7359	20.2641	46.152	4	0
9/8/2015	0:00:00	26.4116	23.1736	24.0998	24.038	46.7646	4	0
9/8/2015	1:00:00	26.4398	23.6814	25.7843	24.7107	46.7646	4	0
9/8/2015	2:00:01	26.4042	23.3011	26.1781	24.6795	46.9689	4	0
9/8/2015	3:00:01	26.3538	23.0374	27.1578	30.5307	47.7857	4	0
9/8/2015	4:00:01	26.2815	23.8395	29.4852	33.9258	48.1941	4	0
9/8/2015	5:00:00	26.1493	24.9305	31.1691	36.653	49.011	4	0
9/8/2015	6:00:00	26.1813	25.8487	31.7883	31.5916	49.4194	4	0
9/8/2015	7:00:01	26.2979	26.537	32.5718	31.991	49.4194	4	0
9/8/2015	8:00:01	26.6372	27.8293	35.3378	38.2543	49.2152	4	0
9/8/2015	9:00:01	27.1329	29.6196	39.6263	47.9172	49.6236	4	0
9/8/2015	10:00:00	27.5411	31.0993	42.3665	47.6832	50.2362	4	0
9/8/2015	11:00:00	27.6574	32.2932	44.484	1.42506	52.0742	4	0
9/8/2015	12:00:01	27.4263	31.5506	13.9906	14.3914	52.2784	4	0
9/8/2015	13:00:01	27.0497	30.384	11.9414	15.6664	52.2784	4	0
9/8/2015	14:00:00	26.325	29.2658	12.5412	19.3044	52.891	4	0
9/8/2015	15:00:00	25.7176	28.2243	13.2874	19.5205	52.2784	4	0
9/8/2015	16:00:00	25.4103	26.8406	13.2221	16.1829	52.891	4	0
9/8/2015	17:00:01	25.292	25.553	16.3835	17.0551	53.2994	4	0
9/8/2015	18:00:01	25.1798	24.5434	20.8198	20.9767	53.2994	4	0
9/8/2015	19:00:00	24.932	23.4367	19.4706	13.9269	54.1163	4	0

9/8/2015	20:00:00	24.4158	21.4374	11.9033	12.3587	54.3205	4	0
9/8/2015	21:00:00	24.0487	19.2149	12.7185	15.5638	54.3205	4	0
9/8/2015	22:00:01	23.6632	17.0519	15.4168	13.7044	54.7289	4	0
9/8/2015	23:00:01	23.5377	15.0833	20.8964	30.5063	54.9331	4	0
9/9/2015	0:00:00	23.4925	15.8894	23.7723	28.9383	54.9331	4	0
9/9/2015	1:00:00	23.744	17.5388	31.6362	31.7849	55.3416	4	0
9/9/2015	2:00:01	23.9459	19.1031	31.3779	27.4088	55.3416	4	0
9/9/2015	3:00:01	23.7595	19.9053	22.891	13.2543	55.3416	4	0
9/9/2015	4:00:01	23.5064	20.7783	23.7995	22.2525	55.9542	4	0
9/9/2015	5:00:00	23.0942	21.1814	21.0337	19.522	55.75	4	0
9/9/2015	6:00:00	22.5411	20.9236	16.9508	12.799	55.5458	4	0
9/9/2015	7:00:01	21.9577	20.8272	18.1191	13.9892	56.5668	4	0
9/9/2015	8:00:01	21.2276	21.176	15.1592	17.6328	55.5458	4	0
9/9/2015	9:00:01	20.4595	21.7051	17.9637	22.234	55.5458	4	0
9/9/2015	10:00:00	19.5636	22.049	19.3192	16.9035	55.3416	4	0
9/9/2015	11:00:00	18.6438	22.0819	20.2201	19.5188	55.75	4	0
9/9/2015	12:00:01	18.7751	21.4773	16.3317	7.62651	55.75	4	0
9/9/2015	13:00:01	19.0402	20.2603	16.5304	11.0005	55.5458	4	0
9/9/2015	14:00:00	19.0402	20.2603	16.5304	1.31334	54.9331	4	0
9/9/2015	15:00:00	18.7344	17.1209	6.95668	9.54528	55.1374	4	0
9/9/2015	16:00:00	18.7389	16.174	12.796	9.51653	55.75	4	0
9/9/2015	17:00:01	18.5111	15.3543	12.2116	24.5666	55.9542	4	0
9/9/2015	18:00:01	18.2073	15.2252	17.0231	14.0979	56.9753	4	0
9/9/2015	19:00:00	18.3511	15.7632	25.9663	32.8068	58.4047	4	0
9/9/2015	20:00:00	18.888	16.675	27.0277	24.9918	59.2216	4	0
9/9/2015	21:00:00	18.8945	16.3357	14.4068	31.2502	60.2427	4	0
9/9/2015	22:00:01	18.926	16.123	16.8576	10.7171	60.0384	4	0
9/9/2015	23:00:01	18.5853	15.5466	13.1872	14.0812	60.6511	4	0
9/10/2015	0:00:00	18.3242	15.7275	18.7295	18.7528	61.4679	4	0
9/10/2015	1:00:00	17.6464	15.6825	15.9471	22.6936	62.489	4	0
9/10/2015	2:00:01	16.9925	16.1016	14.3946	12.4462	62.489	4	0
9/10/2015	3:00:01	16.4355	16.3964	11.3726	11.6824	62.489	4	0
9/10/2015	4:00:01	16.1121	16.6533	15.1925	18.8654	63.7143	4	0
9/10/2015	5:00:00	16.0188	17.1966	18.1753	20.0818	62.8974	4	0
9/10/2015	6:00:00	16.22	17.579	20.7495	17.6253	63.1016	4	0
9/10/2015	7:00:01	16.6949	17.7233	25.0991	23.2299	62.0806	4	0

9/10/2015	8:00:01	16.8622	17.0102	17.8176	9.4511	62.6932	4	0
9/10/2015	9:00:00	17.1262	17.6895	21.1226	22.2897	61.4679	4	0
9/10/2015	10:00:00	17.5533	18.71	29.1338	28.0285	61.8764	4	0
9/10/2015	11:00:00	17.7627	19.6585	24.3234	25.2725	61.8764	4	0
9/10/2015	12:00:01	18.2473	20.5298	31.6489	94.2264	63.3058	4	0
9/10/2015	13:00:01	19.2524	22.7555	46.1185	9.84241	64.5311	4	0
9/10/2015	14:00:00	19.3875	22.5047	9.16004	0.03041	63.9185	4	0
9/10/2015	15:00:00	19.4178	22.1836	7.82971	10.0647	63.9185	4	0
9/10/2015	16:00:00	19.2385	21.5595	7.53968	7.19162	63.7143	4	0
9/10/2015	17:00:01	18.9877	20.4783	4.88806	8.96518	63.9185	4	0
9/10/2015	18:00:01	18.5105	19.2571	7.52013	14.5364	63.7143	4	0
9/10/2015	19:00:00	17.6874	17.7275	7.4116	9.29812	64.1227	4	0
9/10/2015	20:00:00	16.8389	16.8454	7.66321	7.04441	64.1227	4	0
9/10/2015	21:00:01	16.3487	15.3755	3.5174	6.41095	63.9185	4	0
9/10/2015	22:00:01	15.8373	13.4232	5.35987	-3.61286	64.5311	4	0
9/10/2015	23:00:01	15.6815	12.254	9.7444	11.6258	64.7353	4	0
9/11/2015	0:00:00	15.5854	10.9733	15.3496	18.4043	64.9395	4	0
9/11/2015	1:00:00	15.5653	8.43471	15.5398	17.3428	65.1438	4	0
9/11/2015	2:00:01	15.7269	9.08775	16.5707	16.2673	64.5311	4	0
9/11/2015	3:00:01	15.7531	9.43177	11.8736	20.1194	64.1227	4	0
9/11/2015	4:00:01	15.6628	9.92956	13.5815	15.8913	64.3269	4	0
9/11/2015	5:00:00	15.3733	10.489	11.6626	8.48264	64.7353	4	0
9/11/2015	6:00:00	14.9058	10.6979	10.1561	13.7122	64.7353	4	0
9/11/2015	7:00:01	14.4621	11.2761	14.378	16.1769	65.348	4	0
9/11/2015	8:00:01	14.3597	11.8288	13.7967	12.6666	64.5311	4	0
9/11/2015	9:00:00	13.98	12.5283	12.0908	14.7813	64.5311	4	0
9/11/2015	10:00:00	13.3611	13.156	12.2016	17.6129	63.7143	4	0
9/11/2015	11:00:00	13.0725	13.704	15.8286	15.552	64.1227	4	0
9/11/2015	12:00:01	12.5754	14.0014	18.5062	17.3857	63.5101	4	0
9/11/2015	13:00:01	11.4106	14.2488	18.4292	27.3418	63.1016	4	0
9/11/2015	14:00:00	12.4524	15.704	34.3863	26.7925	63.7143	4	0
9/11/2015	15:00:00	13.0653	16.5702	22.1122	33.2439	62.8974	4	0
9/11/2015	16:00:00	13.2612	16.5407	15.5303	14.2503	64.5311	4	0
9/11/2015	17:00:01	13.5663	16.5792	12.1901	9.32217	64.9395	4	0
9/11/2015	18:00:01	13.5048	16.3142	8.71878	10.7275	66.1648	4	0
9/11/2015	19:00:00	13.6112	15.9767	10.9091	13.0387	66.5732	4	0

9/11/2015	20:00:00	13.7205	15.7508	12.0033	9.89155	66.7775	4	0
9/11/2015	21:00:01	13.9297	15.427	7.49167	5.38175	66.7775	4	0
9/11/2015	22:00:01	13.9739	14.9916	7.31126	7.99238	66.5732	4	0
9/11/2015	23:00:01	13.8928	14.3721	8.40595	8.22365	67.7985	4	0
9/12/2015	0:00:00	13.5119	13.3702	5.89612	5.57127	67.3901	4	0
9/12/2015	1:00:00	13.1592	12.5037	7.96031	9.86161	68.0027	4	0
9/12/2015	2:00:01	12.8065	10.3774	7.59485	7.50668	68.0027	4	0
9/12/2015	3:00:01	12.6066	9.17454	6.94709	7.41396	67.7985	4	0
9/12/2015	4:00:00	12.2831	8.40308	6.07681	7.40677	68.0027	4	0
9/12/2015	5:00:00	12.0699	7.98591	7.12212	8.73554	68.6154	4	0
9/12/2015	6:00:00	12.0005	7.93957	7.94099	6.31989	68.0027	4	0
9/12/2015	7:00:01	11.7018	7.55749	5.93852	5.92532	68.4112	4	0
9/12/2015	8:00:00	11.3574	6.94089	4.35106	2.78127	67.5943	4	0
9/12/2015	9:00:00	11.5135	7.49018	13.5974	15.4988	66.7775	4	0
9/12/2015	10:00:00	11.3947	7.62655	8.90622	8.61432	66.369	4	0
9/12/2015	11:00:01	11.2931	7.97916	12.5392	13.1107	65.9606	4	0
9/12/2015	12:00:01	10.9261	8.24056	8.90419	6.52754	66.5732	4	0
9/12/2015	13:00:00	10.6653	8.54573	11.6478	24.2463	66.1648	4	0
9/12/2015	14:00:00	9.53157	8.47138	6.80171	-1.93135	65.9606	4	0
9/12/2015	15:00:00	9.02109	8.67976	9.49336	3.46785	65.7564	4	0
9/12/2015	16:00:01	8.89295	9.21471	12.6878	6.34853	66.5732	4	0
9/12/2015	17:00:01	8.74922	9.37926	9.78293	9.79941	67.5943	4	0
9/12/2015	18:00:00	8.84278	9.66583	12.0995	16.3306	68.8196	4	0
9/12/2015	19:00:00	8.77825	9.98018	10.2671	8.6717	68.8196	4	0
9/12/2015	20:00:01	8.63835	10.3662	9.5543	10.8658	69.4322	4	0
9/12/2015	21:00:01	8.70071	10.0228	9.77376	7.79136	69.228	4	0
9/12/2015	22:00:01	9.00571	10.5083	14.572	19.3145	69.8407	4	0
9/12/2015	23:00:00	9.29493	10.7721	15.5876	18.4979	71.0659	4	0
9/13/2015	0:00:00	9.53723	11.0422	12.3139	9.66608	71.6786	4	0
9/13/2015	1:00:01	9.54384	10.7763	8.15779	6.47582	71.2701	4	0
9/13/2015	2:00:01	9.49242	10.7544	6.49601	6.59892	71.8828	4	0
9/13/2015	3:00:00	9.4709	10.5387	6.93895	6.36021	72.2912	4	0
9/13/2015	4:00:00	9.47282	10.0268	6.10655	7.55981	72.6996	4	0
9/13/2015	5:00:00	9.49146	9.86184	7.5536	8.74107	72.9038	4	0
9/13/2015	6:00:01	9.65376	9.84261	11.4033	18.1351	72.6996	4	0
9/13/2015	7:00:01	10.0345	10.1524	12.7084	8.86418	72.087	4	0

9/13/2015	8:00:00	10.3433	10.2356	9.45017	3.49717	71.2701	4	0
9/13/2015	9:00:00	10.1499	10.0606	6.78685	6.4538	70.2491	4	0
9/13/2015	10:00:01	10.0683	9.34983	5.95352	7.36598	69.228	4	0
9/13/2015	11:00:01	9.84973	8.57642	6.44595	12.0404	68.6154	4	0
9/13/2015	12:00:01	9.78873	8.12843	7.35198	6.17509	69.4322	4	0
9/13/2015	13:00:00	9.61617	8.02667	6.99286	5.77295	69.0238	4	0
9/13/2015	14:00:00	9.7552	8.3194	10.2238	13.3101	69.228	4	0
9/13/2015	15:00:01	9.84642	8.65332	10.8382	12.145	68.6154	4	0
9/13/2015	16:00:01	9.71799	8.97602	10.4922	17.8089	69.6364	4	0
9/13/2015	17:00:01	9.7359	9.18587	10.3633	12.1555	70.0449	4	0
9/13/2015	18:00:00	9.74741	9.33014	14.3903	17.5048	70.8617	4	0
9/13/2015	19:00:00	9.99498	9.67241	17.6857	17.1224	72.6996	4	0
9/13/2015	20:00:01	10.1951	10.1243	15.3018	13.9894	72.4954	4	0
9/13/2015	21:00:01	10.4253	10.8734	16.0296	16.9035	72.6996	4	0
9/13/2015	22:00:00	10.4878	11.7507	16.6024	19.1444	73.5165	4	0
9/13/2015	23:00:00	10.4888	12.5561	16.2964	17.5513	73.7207	4	0
9/14/2015	0:00:00	10.5308	13.0953	14.0412	13.3655	73.9249	4	0
9/14/2015	1:00:01	10.6593	13.47	11.3722	9.79381	73.9249	4	0
9/14/2015	2:00:01	10.7973	13.4513	9.50286	10.0718	74.3333	4	0
9/14/2015	3:00:00	10.9486	13.4708	10.9448	13.8384	73.9249	4	0
9/14/2015	4:00:00	11.1236	13.4799	10.2546	11.0009	73.9249	4	0
9/14/2015	5:00:00	11.2369	13.5098	10.599	11.5935	74.3333	4	0
9/14/2015	6:00:01	11.217	13.247	10.7288	10.8308	74.3333	4	0
9/14/2015	7:00:01	11.2415	12.8687	12.328	11.2928	74.5375	4	0
9/14/2015	8:00:00	0	0	0	0	21.4423	4	0
9/14/2015	9:00:01	0	0	0	15.3968	21.2381	4	0
9/14/2015	10:00:01	0	0	16.6094	19.1772	20.8297	4	0
9/14/2015	11:00:01	0	0	19.6612	22.0758	20.8297	4	0
9/14/2015	12:00:00	0	0	24.5758	28.9915	20.6255	4	0
9/14/2015	13:00:00	0	0	27.9741	30.034	20.217	4	0
9/14/2015	14:00:01	0	0	28.8497	30.4001	20.4212	4	0
9/14/2015	15:00:01	0	0	33.6587	33.801	20.6255	4	0
9/14/2015	16:00:01	0	0	33.451	36.7641	20.6255	4	0
9/14/2015	17:00:00	0	0	33.9316	37.1261	20.4212	4	0
9/14/2015	18:00:00	0	0	31.8647	30.1674	20.8297	4	0
9/14/2015	19:00:01	0	0	29.7896	27.2672	21.6465	4	0

9/14/2015	20:00:01	0	0	26.8746	19.6475	21.4423	4	0
9/14/2015	21:00:00	0	0	21.7012	20.6098	21.6465	4	0
9/14/2015	22:00:00	0	27.0342	18.8575	17.2981	21.4423	4	0
9/14/2015	23:00:00	0	26.7288	16.3244	21.1806	21.8507	4	0
9/15/2015	0:00:01	0	26.1874	17.7118	22.799	21.8507	4	0
9/15/2015	1:00:00	0	25.314	16.7254	19.2715	22.6676	4	0
9/15/2015	2:00:00	0	24.2855	16.45	21.136	22.2592	4	0
9/15/2015	3:00:00	0	22.9793	17.2216	17.0507	22.6676	4	0
9/15/2015	4:00:01	0	21.6718	17.0899	19.2668	23.076	4	0
9/15/2015	5:00:01	0	20.5078	18.6372	20.6103	22.2592	4	0
9/15/2015	6:00:02	0	19.3451	17.4608	17.5435	22.4634	4	0
9/15/2015	7:00:00	0	18.7223	19.9588	19.6826	22.4634	4	0
9/15/2015	8:00:00	0	18.5467	23.1882	29.3135	21.8507	4	0
9/15/2015	9:00:01	0	18.7271	22.206	22.7732	21.4423	4	0
9/15/2015	10:00:01	23.254	19.0478	21.652	20.957	21.6465	4	0
9/15/2015	11:00:00	23.4263	19.5113	21.2034	25.0417	22.0549	4	0
9/15/2015	12:00:00	23.4423	20.0393	24.2046	28.0041	21.4423	4	0
9/15/2015	13:00:00	23.2471	20.4669	21.6696	21.0284	21.6465	4	0
9/15/2015	14:00:01	22.9133	20.7144	19.3668	16.8234	21.6465	4	0
9/15/2015	15:00:01	22.3524	20.9215	20.4941	21.3805	21.6465	4	0
9/15/2015	16:00:00	21.751	21.0433	19.3879	20.9077	22.0549	4	0
9/15/2015	17:00:00	21.1764	21.1836	21.718	19.2329	21.6465	4	0
9/15/2015	18:00:00	20.5653	21.28	21.0856	26.9075	22.2592	4	0
9/15/2015	19:00:01	20.2329	21.5381	25.0935	26.6574	22.8718	4	0
9/15/2015	20:00:01	19.9366	21.3045	21.3237	22.1743	22.4634	4	0
9/15/2015	21:00:00	19.7945	21.1502	22.2749	17.5506	23.6886	4	0
9/15/2015	22:00:00	19.9229	21.1907	21.5113	20.3672	23.4844	4	0
9/15/2015	23:00:01	20.1673	21.3899	24.0203	23.9576	23.6886	4	0
9/16/2015	0:00:00	20.2458	21.0803	19.9988	21.5509	24.3013	4	0
9/16/2015	1:00:00	20.3617	20.979	20.0357	19.5236	23.8929	4	0
9/16/2015	2:00:00	20.4352	20.9117	17.5617	15.7932	24.0971	4	0
9/16/2015	3:00:01	20.3393	20.5347	15.5907	16.3115	24.5055	4	0
9/16/2015	4:00:00	20.2697	20.2528	15.2363	20.2349	23.8928	4	0
9/16/2015	5:00:01	20.062	19.7615	16.4422	15.3926	24.5055	4	0
9/16/2015	6:00:01	20.0724	19.5339	17.7691	20.3183	24.3013	4	0
9/16/2015	7:00:01	20.3282	19.4324	21.1284	21.2735	24.3013	4	0

9/16/2015	8:00:00	20.3879	19.5498	20.9333	23.3327	23.6886	4	0
9/16/2015	9:00:00	20.6385	19.7889	23.0364	20.9987	23.4844	4	0
9/16/2015	10:00:01	20.7856	19.8545	20.6365	23.3523	23.076	4	0
9/16/2015	11:00:01	20.9381	19.7461	22.324	24.2434	22.8718	4	0
9/16/2015	12:00:01	20.9886	20.1551	25.7205	25.6933	23.076	4	0
9/16/2015	13:00:00	21.255	20.6727	26.0692	26.1968	22.6676	4	0
9/16/2015	14:00:00	21.5138	21.2468	24.7027	24.1345	23.076	4	0
9/16/2015	15:00:01	21.7277	22.0559	26.1439	28.6674	22.8718	4	0
9/16/2015	16:00:01	22.0431	22.9938	27.142	31.7428	23.076	4	0
9/16/2015	17:00:00	22.1804	23.726	26.8433	29.6564	23.2802	4	0
9/16/2015	18:00:00	22.4905	24.6799	31.345	36.2772	23.4844	4	0
9/16/2015	19:00:00	22.7012	25.5615	34.4653	33.1069	23.4844	4	0
9/16/2015	20:00:01	22.7703	25.7984	25.149	29.3612	24.5055	4	0
9/16/2015	21:00:01	22.6553	25.6118	21.943	18.8605	24.7097	4	0
9/16/2015	22:00:00	22.4441	25.3675	18.3791	18.8217	24.9139	4	0
9/16/2015	23:00:00	22.1417	25.0355	18.8564	15.9236	24.7097	4	0
9/17/2015	0:00:00	22.1184	24.5719	19.3392	24.6169	25.1181	4	0
9/17/2015	1:00:01	22.0085	24.0068	19.5645	15.4295	25.1181	4	0
9/17/2015	2:00:01	22.0234	23.5458	18.6336	19.2534	25.5266	4	0
9/17/2015	3:00:00	22.1969	23.0965	19.8079	18.3022	25.1181	4	0
9/17/2015	4:00:00	22.4432	22.6848	21.2566	17.2858	25.935	4	0
9/17/2015	5:00:01	22.6732	22.326	21.2588	24.0682	25.3223	4	0
9/17/2015	6:00:01	22.9595	21.7946	23.5792	27.8854	25.5266	4	0
9/17/2015	7:00:00	23.2736	21.3031	27.4749	29.4546	25.5266	4	0
9/17/2015	8:00:00	23.7725	21.6846	27.0068	33.5377	24.7097	4	0
9/17/2015	9:00:00	24.3304	22.668	31.9446	34.149	24.9139	4	0
9/17/2015	10:00:01	25.0598	24.1108	34.2922	33.9775	24.5055	4	0
9/17/2015	11:00:01	25.7619	25.6282	36.1731	36.9423	24.3013	4	0
9/17/2015	12:00:00	26.1306	26.803	33.3969	32.8529	24.0971	4	0
9/17/2015	13:00:00	26.1745	27.3649	26.8508	26.327	24.3013	4	0
9/17/2015	14:00:00	26.133	27.6847	22.5839	22.3921	24.5055	4	0
9/17/2015	15:00:01	25.9125	27.7777	22.5605	29.5887	24.9139	4	0
9/17/2015	16:00:01	25.8304	27.9917	23.9892	23.9896	24.3013	4	0
9/17/2015	17:00:00	25.8244	28.5763	31.6414	31.5809	24.7097	4	0
9/17/2015	18:00:00	25.6251	28.7834	26.7727	27.6306	24.5055	4	0
9/17/2015	19:00:01	25.2656	28.6372	26.6604	27.719	24.9139	4	0

9/17/2015	20:00:01	25.3647	28.7567	30.0074	38.7992	24.9139	4	0
9/17/2015	21:00:00	25.6008	28.4389	28.6078	26.5377	25.1181	4	0
9/17/2015	22:00:00	25.9231	27.8262	27.2172	25.0436	25.1181	4	0
9/17/2015	23:00:01	26.1143	26.8668	24.7413	27.7384	25.1181	4	0
9/18/2015	0:00:01	26.4639	26.4674	28.1758	33.8136	25.3223	4	0
9/18/2015	1:00:01	26.6445	26.3165	24.9231	26.7141	25.5265	4	0
9/18/2015	2:00:00	27.1024	26.877	27.912	32.6387	25.5265	4	0
9/18/2015	3:00:00	26.4432	25.8902	15.8662	3.64079	26.1392	4	0
9/18/2015	4:00:01	25.9648	24.8017	10.3714	9.62056	25.935	4	0
9/18/2015	5:00:01	25.4619	22.9814	8.78114	9.59781	25.935	4	0
9/18/2015	6:00:00	24.8336	21.4979	8.14709	3.02962	26.3434	4	0
9/18/2015	7:00:00	24.1371	20.1359	8.9729	11.2033	25.7308	4	0
9/18/2015	8:00:00	23.8324	19.0862	15.4017	22.37	25.3223	4	0
9/18/2015	9:00:01	23.5676	18.6851	22.5905	24.7793	24.9139	4	0
9/18/2015	10:00:01	23.0829	18.24	21.5545	21.7386	24.5055	4	0
9/18/2015	11:00:00	22.4456	17.8656	20.2031	19.8841	24.9139	4	0
9/18/2015	12:00:00	21.9354	17.2386	20.769	20.8043	24.9139	4	0
9/18/2015	13:00:01	21.6714	16.7881	19.3612	19.9888	25.1181	4	0
9/18/2015	14:00:01	21.6473	16.341	23.1208	51.5554	25.1181	4	0
9/18/2015	15:00:01	22.8151	19.6336	58.4315	9.23755	26.1392	4	0
9/18/2015	16:00:00	21.9392	19.0639	4.47007	8.29813	26.7518	4	0
9/18/2015	17:00:00	20.8937	18.7998	5.44162	7.19511	26.3434	4	0
9/18/2015	18:00:01	20.1069	18.7122	6.91356	12.0257	26.5476	4	0
9/18/2015	19:00:01	19.2364	18.3381	3.78551	0.494765	26.1392	4	0
9/18/2015	20:00:01	18.2017	17.4959	5.57467	10.9417	26.1392	4	0
9/18/2015	21:00:00	17.33	16.2398	7.11442	9.84234	25.935	4	0
9/18/2015	22:00:00	16.5204	15.0523	6.58309	7.97174	26.1392	4	0
9/18/2015	23:00:00	0	0	0	0	26.1392	1	0
9/19/2015	0:00:00	0	0	0	0	26.1392	3	0
9/19/2015	1:00:00	0	0	0	10.2485	26.3434	4	0
9/19/2015	2:00:01	0	0	0	8.83549	26.7518	4	0
9/19/2015	3:00:01	0	0	8.34122	7.74453	26.3434	4	0
9/19/2015	4:00:01	0	0	7.0024	7.48978	27.5687	4	0
9/19/2015	5:00:00	0	0	7.74606	8.23338	27.1602	4	0
9/19/2015	6:00:00	0	0	9.54608	8.1592	26.956	4	0
9/19/2015	7:00:01	0	0	10.678	10.5128	27.5687	4	0

9/19/2015	8:00:00	0	0	10.8414	11.815	26.956	4	0
9/19/2015	9:00:00	0	0	9.1862	9.21828	26.956	4	0
9/19/2015	10:00:00	0	0	5.73586	7.3466	27.1603	4	0
9/19/2015	11:00:01	0	0	4.97306	6.25357	26.3434	4	0
9/19/2015	12:00:01	0	0	5.63015	6.80735	26.956	4	0
9/19/2015	13:00:00	0	0	5.96778	4.01804	26.3434	4	0
9/19/2015	14:00:00	0	7.73199	6.17848	3.10388	26.1392	4	0
9/19/2015	15:00:00	0	7.44367	4.92135	6.7215	26.3434	4	0
9/19/2015	16:00:00	0	7.24325	4.79416	5.77831	26.1392	4	0
9/19/2015	17:00:00	0	7.02142	5.20417	7.54807	26.3434	4	0
9/19/2015	18:00:01	0	6.711	6.54057	6.89391	26.956	4	0
9/19/2015	19:00:01	0	6.54545	8.92666	6.50816	27.1602	4	0
9/19/2015	20:00:01	0	6.44486	9.94805	11.8282	27.9771	4	0
9/19/2015	21:00:00	0	6.45775	9.57183	7.59785	28.3855	4	0
9/19/2015	22:00:00	0	6.81529	9.98755	17.9757	28.5897	4	0
9/19/2015	23:00:01	0	7.45934	12.8856	12.6305	28.3855	4	0
9/20/2015	0:00:01	0	7.92721	11.2137	6.99091	28.3855	4	0
9/20/2015	1:00:01	0	8.22251	9.47552	11.116	28.3855	4	0
9/20/2015	2:00:00	8.00127	8.4996	9.415	11.3202	28.3855	4	0
9/20/2015	3:00:00	8.01406	8.81724	8.87981	9.22784	28.3855	4	0
9/20/2015	4:00:01	8.09512	9.159	8.80024	8.59058	28.5897	4	0
9/20/2015	5:00:01	8.1158	9.41341	8.2315	5.11848	29.4066	4	0
9/20/2015	6:00:01	8.00414	9.43487	6.66462	8.29909	28.7939	4	0
9/20/2015	7:00:00	8.11444	9.75564	11.7256	9.15497	29.2024	4	0
9/20/2015	8:00:00	8.27292	10.0751	12.2855	9.2638	28.5897	4	0
9/20/2015	9:00:01	8.33995	10.1315	9.54637	8.36266	27.5687	4	0
9/20/2015	10:00:01	8.34267	9.75799	5.50954	6.41466	28.5897	4	0
9/20/2015	11:00:00	8.43976	9.23783	6.60233	7.73959	27.9771	4	0
9/20/2015	12:00:00	8.41861	8.69228	4.88838	3.48693	27.9771	4	0
9/20/2015	13:00:00	8.29577	8.08971	2.10375	9.18454	26.956	4	0
9/20/2015	14:00:01	8.28112	7.76068	5.8004	0.28322	28.3855	4	0
9/20/2015	15:00:01	8.27714	7.39223	4.78551	8.62217	27.7729	4	0
9/20/2015	16:00:00	8.28366	7.05988	5.2702	4.76777	27.7729	4	0
9/20/2015	17:00:01	8.33705	6.90086	6.69512	3.94325	28.5897	4	0
9/20/2015	18:00:01	8.29386	6.88465	7.26084	4.08983	29.2024	4	0
9/20/2015	19:00:01	8.53502	7.17657	15.8092	19.7742	29.6108	4	0

9/20/2015	20:00:00	8.77958	7.50662	16.4401	12.6418	29.815	4	0
9/20/2015	21:00:00	8.8593	7.67124	11.3594	13.9936	29.815	4	0
9/20/2015	22:00:01	8.99673	8.35972	13.9679	19.7046	29.815	4	0
9/20/2015	23:00:01	9.1832	9.29792	17.9869	19.399	30.8361	4	0
9/21/2015	0:00:01	9.41173	10.3121	17.2155	17.9958	30.6319	4	0
9/21/2015	1:00:00	9.64916	11.3994	15.0812	14.7865	30.6319	4	0
9/21/2015	2:00:01	9.76971	11.9672	12.6926	13.0073	31.0403	4	0
9/21/2015	3:00:00	9.87205	12.5375	11.8134	12.7427	31.6529	4	0
9/21/2015	4:00:00	9.99716	13.1087	12.3883	12.7195	32.0613	4	0
9/21/2015	5:00:00	10.1802	13.6269	12.9419	10.5295	32.4698	4	0
9/21/2015	6:00:01	10.363	13.9543	10.9933	12.9356	32.0613	4	0
9/21/2015	7:00:01	10.4576	13.7572	11.2164	9.12095	31.8571	4	0
9/21/2015	8:00:00	10.491	13.4492	12.0699	16.8314	31.8571	4	0
9/21/2015	9:00:00	10.5139	13.2972	8.58798	5.03584	30.8361	4	0
9/21/2015	10:00:00	10.6961	12.8904	8.23041	7.60822	30.2234	4	0
9/21/2015	11:00:01	10.7678	12.0159	7.43036	9.57135	31.0403	4	0
9/21/2015	12:00:01	10.7354	10.8474	3.34404	3.40278	30.4276	4	0
9/21/2015	13:00:00	10.9117	10.0693	6.17445	6.07278	30.6319	4	0
9/21/2015	14:00:00	10.9447	9.49769	6.03715	10.7529	30.2234	4	0
9/21/2015	15:00:01	11.0281	9.05567	7.0347	6.81344	30.4277	4	0
9/21/2015	16:00:01	11.1849	8.74846	9.25854	9.57687	31.0403	4	0
9/21/2015	17:00:01	11.2411	8.35054	8.9557	10.3409	30.8361	4	0
9/21/2015	18:00:00	11.4134	8.48457	13.5888	18.796	31.6529	4	0
9/21/2015	19:00:00	11.063	8.25621	9.08752	12.7354	32.4698	4	0
9/21/2015	20:00:01	10.8064	8.16155	11.2132	11.626	32.4698	4	0
9/21/2015	21:00:01	10.8131	8.43043	11.8665	13.4152	32.4698	4	0
9/21/2015	22:00:01	10.7038	8.75348	12.3099	12.93	33.0824	4	0
9/21/2015	23:00:00	10.4073	9.06804	11.1548	12.5598	33.0824	4	0
9/22/2015	0:00:01	10.1264	9.71118	11.4263	9.56405	33.8993	4	0
9/22/2015	1:00:00	9.94479	10.1168	11.0903	12.7865	34.1035	4	0
9/22/2015	2:00:00	9.85537	10.5356	11.3438	13.3288	34.5119	4	0
9/22/2015	3:00:00	9.99085	11.2334	15.4242	13.3066	33.8993	4	0
9/22/2015	4:00:01	10.1547	11.8504	16.4143	18.5221	34.1035	4	0
9/22/2015	5:00:02	10.2241	12.3485	14.7541	13.7194	34.7161	4	0
9/22/2015	6:00:00	10.4085	12.5205	15.054	18.5498	34.1035	4	0
9/22/2015	7:00:00	10.7614	13.3552	17.8671	19.0045	34.5119	4	0

9/22/2015	8:00:01	11.0484	13.9259	16.276	20.6563	33.4908	4	0
9/22/2015	9:00:01	11.4659	14.4201	16.4352	16.1595	33.0824	4	0
9/22/2015	10:00:00	12.0081	15.081	18.9919	21.4379	32.8782	4	0
9/22/2015	11:00:00	12.3997	15.4862	15.2847	8.15606	32.4698	4	0
9/22/2015	12:00:00	12.8985	15.7732	15.154	13.9635	32.2656	4	0
9/22/2015	13:00:01	13.4185	16.3494	17.9644	18.6135	32.8782	4	0
9/22/2015	14:00:00	0	0	0	0	32.2656	1	0
9/22/2015	15:00:00	0	0	0	0	32.4698	3	0
9/22/2015	16:00:00	0	0	0	28.9881	32.674	4	0
9/22/2015	17:00:01	0	0	0	19.3221	33.2866	4	0
9/22/2015	18:00:01	0	0	23.9267	30.4972	34.1035	4	0
9/22/2015	19:00:00	0	0	23.9267	52.1592	34.7161	4	0
9/22/2015	20:00:00	0	0	32.876	28.9478	34.9203	4	0
9/22/2015	21:00:01	0	0	22.1472	21.5332	35.1245	4	0
9/22/2015	22:00:00	0	0	26.2936	26.1896	35.3287	4	0
9/22/2015	23:00:00	0	0	24.2678	21.4579	36.3498	4	0
9/23/2015	0:00:01	0	0	26.4189	21.1714	35.7372	4	0
9/23/2015	1:00:01	0	0	22.0405	14.055	35.9414	4	0
9/23/2015	2:00:00	0	0	15.9531	13.8837	36.1456	4	0
9/23/2015	3:00:01	0	0	16.221	19.0525	36.1456	4	0
9/23/2015	4:00:01	0	0	21.1753	22.712	36.7582	4	0
9/23/2015	5:00:01	0	25.0086	22.5104	30.3303	36.554	4	0
9/23/2015	6:00:00	0	25.0575	23.6809	20.9763	36.9624	4	0
9/23/2015	7:00:01	0	22.9109	20.9104	22.7274	36.7582	4	0
9/23/2015	8:00:01	0	22.1271	20.8278	19.1112	35.533	4	0
9/23/2015	9:00:00	0	21.647	13.3129	7.03018	35.3287	4	0
9/23/2015	10:00:01	0	20.535	12.945	19.5085	35.1245	4	0
9/23/2015	11:00:00	0	19.585	12.0116	17.2414	35.1245	4	0
9/23/2015	12:00:01	0	19.2449	22.878	14.8786	35.3287	4	0
9/23/2015	13:00:01	0	18.7477	16.6221	13.2351	35.7372	4	0
9/23/2015	14:00:00	0	18.6191	14.9965	13.4861	35.1245	4	0
9/23/2015	15:00:00	0	18.6148	16.7573	18.2439	35.1245	4	0
9/23/2015	16:00:01	0	18.1847	16.991	20.2321	35.7372	4	0
9/23/2015	17:00:01	21.8101	17.5035	16.2395	14.566	36.1456	4	0
9/23/2015	18:00:00	21.5895	17.3199	24.5135	27.3332	36.1456	4	0
9/23/2015	19:00:00	20.4534	17.7353	27.6131	23.6504	36.9625	4	0

9/23/2015	20:00:01	20.1799	18.2173	26.7625	22.024	37.3709	4	0
9/23/2015	21:00:00	20.1545	18.9989	23.2407	25.5172	37.3709	4	0
9/23/2015	22:00:00	20.1545	18.9989	23.2407	22.8681	38.1877	4	0
9/23/2015	23:00:01	19.6516	20.3189	21.2931	22.0227	38.3919	4	0
9/24/2015	0:00:01	19.3437	20.113	20.274	21.8824	38.3919	4	0
9/24/2015	1:00:00	19.3141	20.5971	22.4277	24.0356	39.2088	4	0
9/24/2015	2:00:01	19.5803	21.2172	21.4323	22.6376	39.2088	4	0
9/24/2015	3:00:01	19.7968	21.6879	22.2702	22.0705	38.5962	4	0
9/24/2015	4:00:01	19.7709	22.0448	20.6485	25.719	38.8004	4	0
9/24/2015	5:00:00	19.5812	22.2916	19.3847	19.3813	39.6172	4	0
9/24/2015	6:00:01	19.6935	22.5256	26.8948	24.813	39.6172	4	0
9/24/2015	7:00:01	19.8714	22.2741	22.835	21.6953	39.2088	4	0
9/24/2015	8:00:00	20.1841	22.2783	24.5009	22.3403	38.5961	4	0
9/24/2015	9:00:00	20.7585	22.4308	22.9001	21.3718	38.1877	4	0
9/24/2015	10:00:01	21.3046	22.8003	24.3529	25.8578	38.1877	4	0
9/24/2015	11:00:00	22.0005	23.1849	23.8355	26.584	37.3709	4	0
9/24/2015	12:00:00	22.1307	23.4925	23.1735	23.2302	37.5751	4	0
9/24/2015	13:00:01	22.4683	23.5915	24.1921	27.3479	37.5751	4	0
9/24/2015	14:00:01	22.9212	23.9174	26.3576	34.5058	37.5751	4	0
9/24/2015	15:00:00	23.6473	24.783	32.8098	31.3972	37.7793	4	0
9/24/2015	16:00:00	24.2634	25.6602	32.1772	32.0188	37.9835	4	0
9/24/2015	17:00:01	24.8103	26.5443	32.2108	36.4401	38.3919	4	0
9/24/2015	18:00:00	24.9763	26.8204	33.8755	36.8674	39.6172	4	0
9/24/2015	19:00:00	25.0968	27.5162	32.8219	37.3669	39.2088	4	0
9/24/2015	20:00:01	25.2501	28.1201	33.7227	32.3434	40.2298	4	0
9/24/2015	21:00:01	25.3573	28.5098	29.493	30.5353	40.6383	4	0
9/24/2015	22:00:00	25.5515	28.6593	26.6113	27.8688	41.2509	4	0
9/24/2015	23:00:01	25.6897	28.8051	25.4695	30.157	41.6593	4	0
9/25/2015	0:00:01	25.8446	29.0028	25.8121	32.9505	41.4551	4	0
9/25/2015	1:00:00	25.8446	29.0028	25.8121	32.0721	41.4551	4	0
9/25/2015	2:00:00	26.2389	29.3413	24.2824	23.1444	42.0678	4	0
9/25/2015	3:00:01	26.3442	28.7804	24.9367	28.3933	42.0678	4	0
9/25/2015	4:00:01	26.4978	28.2315	24.5228	26.0444	42.272	4	0
9/25/2015	5:00:00	26.75	27.7961	26.4614	31.7462	41.8635	4	0
9/25/2015	6:00:01	26.8819	27.5492	30.0741	30.6654	42.272	4	0
9/25/2015	7:00:01	27.1022	27.0739	24.9896	23.3927	42.272	4	0

9/25/2015	8:00:00	27.2526	26.3751	22.4716	16.162	41.2509	4	0
9/25/2015	9:00:00	27.4053	25.8964	21.864	24.7652	40.4341	4	0
9/25/2015	10:00:01	27.4987	25.6184	21.4126	22.2657	39.413	4	0
9/25/2015	11:00:00	27.5646	25.342	20.8242	23.2292	39.8214	4	0
9/25/2015	12:00:00	27.9743	25.8418	32.562	36.5082	39.6172	4	0
9/25/2015	13:00:01	28.3307	26.0585	30.8506	31.3761	39.8214	4	0
9/25/2015	14:00:01	28.2726	25.9685	23.41	16.0831	39.6172	4	0
9/25/2015	15:00:00	28.181	26.4195	31.8653	51.3458	39.8214	4	0
9/25/2015	16:00:00	28.3119	27.3851	38.4349	32.4826	40.6383	4	0
9/25/2015	17:00:01	28.2285	27.7655	33.4448	32.553	40.4341	4	0
9/25/2015	18:00:00	27.8611	27.5752	31.7698	32.8037	41.2509	4	0
9/25/2015	19:00:00	27.5334	27.7008	28.6376	29.4571	41.6593	4	0
9/25/2015	20:00:01	27.5021	28.7179	36.3632	35.1746	42.4762	4	0
9/25/2015	21:00:01	27.6169	29.6059	32.2393	28.6561	42.4762	4	0
9/25/2015	22:00:00	27.5797	30.0828	27.7469	29.2917	42.6804	4	0
9/25/2015	23:00:01	27.4959	30.3891	24.3614	23.9566	43.0888	4	0
9/26/2015	0:00:01	27.2884	29.5362	21.7013	22.702	42.8846	4	0
9/26/2015	1:00:00	26.918	28.7196	20.7781	21.9708	43.0888	4	0
9/26/2015	2:00:00	26.6778	28.4283	19.5514	19.7285	43.293	4	0
9/26/2015	3:00:01	26.4205	27.4794	19.7077	20.2516	43.4972	4	0
9/26/2015	4:00:01	26.3466	26.2621	22.1237	23.3675	43.293	4	0
9/26/2015	5:00:00	26.0161	25.2277	21.256	25.3679	43.7015	4	0
9/26/2015	6:00:01	25.6454	24.401	21.0314	22.0388	43.9057	4	0
9/26/2015	7:00:01	25.6398	23.9751	21.639	24.9233	43.293	4	0
9/26/2015	8:00:00	25.8637	23.0448	22.9179	21.6164	42.6804	4	0
9/26/2015	9:00:00	26.0435	22.2575	20.634	14.9646	41.8635	4	0
9/26/2015	10:00:01	26.0928	21.5092	16.986	18.1765	41.8635	4	0
9/26/2015	11:00:00	26.0441	20.9422	17.2159	22.7509	42.0678	4	0
9/26/2015	12:00:00	25.6009	20.7587	19.0392	17.2413	41.6593	4	0
9/26/2015	13:00:01	24.8302	20.0908	14.1598	16.846	41.4551	4	0
9/26/2015	14:00:01	24.5949	19.8332	16.753	14.6418	41.6593	4	0
9/26/2015	15:00:00	23.882	19.3337	14.2611	16.1618	41.6593	4	0
9/26/2015	16:00:00	22.8509	18.5345	13.0525	10.2387	41.2509	4	0
9/26/2015	17:00:01	22.1768	18.1384	17.2695	22.3784	41.4551	4	0
9/26/2015	18:00:00	22.3127	19.5055	39.9145	41.4679	42.272	4	0
9/26/2015	19:00:00	22.1784	19.8879	27.4652	21.6751	42.6804	4	0

9/26/2015	20:00:01	21.7303	20.26	28.8882	16.4675	43.0888	4	0
9/26/2015	21:00:01	21.2245	20.2922	21.5596	21.664	43.293	4	0
9/26/2015	22:00:00	21.0417	20.8827	24.1585	23.2061	43.9057	4	0
9/26/2015	23:00:01	20.8974	21.1812	19.9998	16.6593	43.4972	4	0
9/27/2015	0:00:01	20.8292	21.2742	19.3218	21.7405	43.9057	4	0
9/27/2015	1:00:00	20.8292	21.2742	19.3218	21.0363	43.0888	4	0
9/27/2015	2:00:00	20.7044	21.9124	18.385	23.4679	43.293	4	0
9/27/2015	3:00:01	20.58	22.1526	16.7964	13.274	44.1099	4	0
9/27/2015	4:00:01	20.2966	22.3662	15.1084	19.6757	43.4972	4	0
9/27/2015	5:00:00	19.9178	21.9988	12.5524	10.0925	43.4972	4	0
9/27/2015	6:00:01	19.5039	19.7058	12.5442	12.8078	43.7014	4	0
9/27/2015	7:00:01	19.0165	18.3116	10.8041	9.67806	44.1099	4	0
9/27/2015	8:00:00	18.5793	16.8895	11.145	8.3229	43.4972	4	0
9/27/2015	9:00:00	18.2302	16.0688	11.4588	13.3477	43.0888	4	0
9/27/2015	10:00:01	18.0853	15.0215	10.7232	10.9149	43.4972	4	0
9/27/2015	11:00:00	17.9509	14.3781	11.6788	9.70474	42.0678	4	0
9/27/2015	12:00:00	17.4025	13.1236	3.85748	1.02348	42.4762	4	0
9/27/2015	13:00:01	17.0965	11.9851	6.62999	14.0778	42.4762	4	0
9/27/2015	14:00:01	16.6562	10.9582	6.51192	5.96228	42.272	4	0
9/27/2015	15:00:00	16.5059	10.393	10.2082	9.78069	41.8635	4	0
9/27/2015	16:00:00	16.5552	10.3449	14.9834	17.9701	42.0678	4	0
9/27/2015	17:00:01	16.513	10.6446	16.3731	20.5628	42.272	4	0
9/27/2015	18:00:00	16.513	10.6446	16.3731	13.9875	42.6804	4	0
9/27/2015	19:00:00	15.0444	11.5339	19.1713	25.127	42.8846	4	0
9/27/2015	20:00:01	14.6892	12.3675	21.5573	19.5988	43.7015	4	0
9/27/2015	21:00:01	14.3781	12.6178	14.6457	17.272	43.293	4	0
9/27/2015	22:00:00	13.9959	12.9925	15.1644	11.1729	43.293	4	0
9/27/2015	23:00:01	13.9734	13.6677	19.7694	28.093	42.6804	4	0
9/28/2015	0:00:01	13.8139	14.6331	15.2293	14.2146	43.293	4	0
9/28/2015	1:00:00	13.5349	15.2421	14.4534	12.6417	43.4972	4	0
9/28/2015	2:00:00	13.1937	15.6072	11.6624	9.82071	43.9057	4	0
9/28/2015	3:00:01	12.9546	15.7034	11.4158	8.83374	43.7014	4	0
9/28/2015	4:00:01	12.8498	15.5396	13.0383	9.97731	44.1099	4	0
9/28/2015	5:00:00	12.8406	15.2296	12.3821	15.2675	44.1099	4	0
9/28/2015	6:00:01	12.9437	15.1509	14.3043	14.4328	43.7015	4	0
9/28/2015	7:00:01	13.3006	15.1532	18.4421	19.9961	43.7015	4	0

9/28/2015	8:00:00	13.9206	15.5036	25.1745	31.5966	43.293	4	0
9/28/2015	9:00:00	14.3471	16.0601	20.7966	15.9065	42.6804	4	0
9/28/2015	10:00:01	14.8457	16.585	20.0262	19.7928	41.8635	4	0
9/28/2015	11:00:00	14.9647	16.1468	14.8793	14.962	42.6804	4	0
9/28/2015	12:00:00	15.3585	15.927	12.0842	9.73969	42.8846	4	0
9/28/2015	13:00:01	15.6708	15.8306	12.8979	12.0536	41.8635	4	0
9/28/2015	14:00:01	16.0929	16.1716	15.3772	19.8127	41.6593	4	0
9/28/2015	15:00:00	16.3008	16.4194	14.1263	13.4353	41.4551	4	0
9/28/2015	16:00:00	16.4812	16.9558	20.2577	25.5737	42.0678	4	0
9/28/2015	17:00:01	16.5037	17.365	18.2457	10.8069	41.8635	4	0
9/28/2015	18:00:01	16.4536	17.4161	15.6769	15.7905	42.0678	4	0
9/28/2015	19:00:00	16.3534	17.3322	18.6642	17.9037	42.4762	4	0
9/28/2015	20:00:01	16.1601	16.742	19.6772	18.1977	43.7014	4	0
9/28/2015	21:00:01	16.428	16.8109	22.1725	21.6203	43.293	4	0
9/28/2015	22:00:00	16.6514	16.9	21.2544	26.7769	43.7014	4	0
9/28/2015	23:00:01	16.8665	17.7799	25.6796	22.1362	43.7015	4	0
9/29/2015	0:00:01	17.5103	19.3418	30.7047	27.9445	43.7015	4	0
9/29/2015	1:00:01	18.0251	20.549	27.6084	28.1976	44.3141	4	0
9/29/2015	2:00:01	18.4492	21.1402	22.423	15.45	44.1099	4	0
9/29/2015	3:00:01	18.5889	21.2746	16.1111	17.7633	44.5183	4	0
9/29/2015	4:00:00	18.5889	21.2746	16.1111	16.4865	44.5183	4	0
9/29/2015	5:00:01	18.8695	20.8704	14.452	11.8754	44.9267	4	0
9/29/2015	6:00:01	19.1278	21.3474	21.6534	29.2959	44.9267	4	0
9/29/2015	7:00:00	19.5971	22.1642	26.1284	34.1032	44.1099	4	0
9/29/2015	8:00:00	19.7428	22.884	27.5586	28.5312	43.4972	4	0
9/29/2015	9:00:01	20.2722	23.9299	36.2368	48.5043	44.3141	4	0
9/29/2015	10:00:01	20.5569	24.3799	26.4427	18.3916	44.5183	4	0
9/29/2015	11:00:00	20.7441	23.7795	17.1605	13.9385	44.1099	4	0
9/29/2015	12:00:00	20.9354	22.7343	19.8291	23.7712	44.9267	4	0
9/29/2015	13:00:01	21.0307	21.6995	15.0508	16.5847	44.7225	4	0
9/29/2015	14:00:01	20.9765	20.9089	11.9797	13.7147	44.7225	4	0
9/29/2015	15:00:00	21.0428	20.8566	15.6382	31.0328	44.9267	4	0
9/29/2015	16:00:00	21.1196	21.1112	21.6867	10.9759	45.1309	4	0
9/29/2015	17:00:00	20.8012	20.7569	10.3137	10.989	44.5183	4	0
9/29/2015	18:00:00	20.5027	19.6891	9.56508	5.26533	44.9267	4	0
9/29/2015	19:00:01	20.0559	18.2269	9.02864	8.5054	44.7225	4	0

9/29/2015	20:00:01	19.626	16.7674	10.1105	10.6247	45.3351	4	0
9/29/2015	21:00:00	19.1267	14.6678	11.1224	10.9332	44.9267	4	0
9/29/2015	22:00:01	18.6051	13.2343	9.15	8.94416	44.9267	4	0
9/29/2015	23:00:01	17.7797	12.3175	6.09385	4.60592	44.9267	4	0
9/30/2015	0:00:00	16.6876	11.0571	4.70657	4.04621	45.3351	4	0
9/30/2015	1:00:00	15.73	10.1807	4.44947	4.77317	44.9267	4	0
9/30/2015	2:00:01	14.9877	9.56969	4.56616	6.3593	44.7225	4	0
9/30/2015	3:00:01	14.5707	8.73149	5.08246	4.87863	44.7225	4	0
9/30/2015	4:00:00	13.995	7.37929	5.16979	4.96293	45.5394	4	0
9/30/2015	5:00:01	13.6281	6.94252	4.77676	6.83114	44.7225	4	0
9/30/2015	6:00:00	13.1773	7.07602	11.1557	15.9071	45.1309	4	0
9/30/2015	7:00:01	12.8834	7.75367	16.74	16.5696	45.1309	4	0
9/30/2015	8:00:01	12.4861	8.27028	15.9151	24.0874	45.131	4	0
9/30/2015	9:00:00	11.9256	9.10001	20.624	24.2679	44.5183	4	0
9/30/2015	10:00:00	11.6792	9.98153	19.5066	25.1427	44.3141	4	0
9/30/2015	11:00:01	12.3102	12.1115	31.376	47.5494	44.7225	4	0
9/30/2015	12:00:00	14.0857	16.9113	62.2003	108.236	44.3141	4	0
9/30/2015	13:00:00	16.4318	22.4833	71.2535	95.0486	43.9057	4	0
9/30/2015	14:00:00	18.5223	27.2737	61.9213	40.9115	43.9057	4	0
9/30/2015	15:00:01	19.603	30.3162	41.8281	51.6121	43.9057	4	0
9/30/2015	16:00:00	21.0584	34.622	58.3723	20.0413	44.7225	4	0
9/30/2015	17:00:00	21.3633	35.7173	20.63	17.6644	45.3351	4	0
9/30/2015	18:00:01	21.6232	36.1158	18.6488	15.3731	45.7436	4	0
9/30/2015	19:00:00	21.8312	35.9057	16.5427	18.4617	45.131	4	0
9/30/2015	20:00:00	21.8884	35.5634	13.713	12.9039	45.3352	4	0
9/30/2015	21:00:01	21.7572	34.531	8.04149	8.91242	44.9267	4	0
9/30/2015	22:00:01	21.5693	33.3372	5.75943	4.4267	44.9267	4	0
9/30/2015	23:00:00	21.5205	31.2115	5.43249	6.75125	45.7436	4	0
10/1/2015	0:00:01	21.5372	26.6242	5.50613	4.65481	45.3351	4	0
10/1/2015	1:00:01	21.6024	21.4496	7.67629	11.3762	45.5394	4	0
10/1/2015	2:00:00	21.7133	17.1602	8.78571	5.25564	46.5604	4	0
10/1/2015	3:00:00	21.7379	14.2714	5.54439	7.18565	46.5604	4	0
10/1/2015	4:00:01	21.609	9.84966	3.57723	6.05036	45.7436	4	0
10/1/2015	5:00:01	21.5998	8.66127	6.00728	7.78267	46.9689	4	0
10/1/2015	6:00:00	21.6882	8.03748	10.3661	11.9023	45.9478	4	0
10/1/2015	7:00:01	21.7865	7.93521	14.6144	20.4329	44.9267	4	0

10/1/2015	8:00:01	21.8752	7.95793	13.4661	17.062	45.7436	4	0
10/1/2015	9:00:01	0	0	0	0	20.8297	3	0
10/1/2015	10:00:01	0	0	0	114.008	20.6255	4	0
10/1/2015	11:00:00	0	0	0	58.5971	20.8297	4	0
10/1/2015	12:00:00	0	0	71.8266	102.079	21.0339	4	0
10/1/2015	13:00:01	0	0	93.4132	187.471	20.8297	4	0
10/1/2015	14:00:00	0	0	106.193	168.726	21.4423	4	0
10/1/2015	15:00:00	0	0	86.6354	123.086	21.0339	4	0
10/1/2015	16:00:00	0	0	47.03	44.7563	21.4423	4	0
10/1/2015	17:00:01	0	0	23.9414	21.9762	21.8507	4	0
10/1/2015	18:00:00	0	0	13.7944	12.503	21.2381	4	0
10/1/2015	19:00:00	0	0	13.6638	12.1943	21.6465	4	0
10/1/2015	20:00:01	0	0	8.92748	8.1219	21.0339	4	0
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10/1/2015	22:00:00	0	0	8.17007	8.43877	21.2381	4	0
10/1/2015	23:00:01	0	39.5432	6.97387	10.0745	21.8507	4	0
10/2/2015	0:00:01	0	34.5445	9.88238	7.42762	22.2592	4	0
10/2/2015	1:00:00	0	27.6754	7.88959	7.9309	21.6465	4	0
10/2/2015	2:00:01	0	19.6616	6.92211	7.89323	21.6465	4	0
10/2/2015	3:00:01	0	13.3019	8.40323	5.38315	22.2592	4	0
10/2/2015	4:00:01	0	9.95995	5.69991	5.59146	21.8507	4	0
10/2/2015	5:00:00	0	8.44977	5.65104	5.26586	22.2592	4	0
10/2/2015	6:00:01	0	8.16979	9.96594	18.1269	21.6465	4	0
10/2/2015	7:00:01	0	8.00194	11.1946	11.1078	22.0549	4	0
10/2/2015	8:00:00	0	8.00194	11.1946	9.93461	22.2592	4	0
10/2/2015	9:00:00	0	9.31015	18.6801	52.1124	21.2381	4	0
10/2/2015	10:00:01	0	11.2131	30.9597	29.3285	21.6465	4	0
10/2/2015	11:00:00	27.5965	14.499	46.0875	42.7575	21.4423	4	0
10/2/2015	12:00:00	29.2437	22.9305	111.199	173.127	21.2381	4	0
10/2/2015	13:00:01	29.3348	30.1369	93.5956	79.4697	21.2381	4	0
10/2/2015	14:00:01	28.7794	37.3831	95.0806	114.378	21.4423	4	0
10/2/2015	15:00:00	27.2152	40.7722	49.4594	34.3571	21.6465	4	0
10/2/2015	16:00:00	26.5625	42.9854	35.7632	28.7839	21.4423	4	0
10/2/2015	17:00:01	27.1054	45.5834	35.8222	42.8727	22.0549	4	0
10/2/2015	18:00:00	27.3588	46.443	24.0984	14.98	22.2592	4	0
10/2/2015	19:00:00	27.3187	46.5782	14.0378	16.7801	22.2592	4	0

10/2/2015	20:00:01	27.437	46.6603	13.6258	12.9053	22.0549	4	0
10/2/2015	21:00:01	27.7092	46.1678	12.0725	14.5716	22.2592	4	0
10/2/2015	22:00:00	28.1542	45.1934	19.128	23.5313	22.0549	4	0
10/2/2015	23:00:01	28.9077	43.513	25.5711	21.8093	22.0549	4	0
10/3/2015	0:00:01	29.2705	35.9885	19.4834	20.2613	22.0549	4	0
10/3/2015	1:00:00	29.4452	29.4224	13.316	14.4154	21.8507	4	0
10/3/2015	2:00:00	29.6417	22.7639	14.0709	16.7684	22.4634	4	0
10/3/2015	3:00:01	29.7311	19.6172	10.5344	9.22788	22.0549	4	0
10/3/2015	4:00:01	29.875	17.4637	9.42655	9.45287	22.0549	4	0
10/3/2015	5:00:00	30.2075	15.5342	11.5581	16.2386	22.0549	4	0
10/3/2015	6:00:01	30.2158	14.3873	10.1123	10.8396	22.2592	4	0
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10/3/2015	8:00:00	31.1717	15.6184	16.448	23.0825	22.6676	4	0
10/3/2015	9:00:00	32.0569	17.7266	36.7132	43.7405	22.2592	4	0
10/3/2015	10:00:01	32.3247	19.2211	37.1335	24.5478	22.2592	4	0
10/3/2015	11:00:00	31.3561	18.849	20.8535	18.6962	22.6676	4	0
10/3/2015	12:00:00	27.4948	18.649	17.1249	15.6276	22.4634	4	0
10/3/2015	13:00:00	24.2265	18.7377	14.7719	15.6056	22.0549	4	0
10/3/2015	14:00:01	21.0063	18.9232	16.1953	16.455	22.2592	4	0
10/3/2015	15:00:00	19.673	19.509	18.2552	21.2764	22.6676	4	0
10/3/2015	16:00:00	19.0425	20.4418	20.9376	19.9707	22.6676	4	0
10/3/2015	17:00:01	18.5225	21.4421	24.3567	27.3396	22.8718	4	0
10/3/2015	18:00:01	18.3922	22.3858	22.3914	13.4507	23.2802	4	0
10/3/2015	19:00:00	18.135	20.9476	8.02318	6.24612	22.2592	4	0
10/3/2015	20:00:01	17.8659	20.173	7.02408	6.53877	23.2802	4	0
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10/3/2015	22:00:00	17.185	15.2842	7.61226	8.25291	22.6676	4	0
10/3/2015	23:00:00	16.3981	14.1351	7.03555	5.4079	22.8718	4	0
10/4/2015	0:00:01	15.815	13.1673	5.25532	5.7217	23.2802	4	0
10/4/2015	1:00:01	15.5096	12.4402	5.88436	6.45382	23.6886	4	0
10/4/2015	2:00:00	15.1723	11.6193	6.2799	6.23419	23.076	4	0
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10/4/2015	8:00:00	13.515	6.79629	8.658	8.82899	23.2802	4	0
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10/4/2015	17:00:01	8.3189	8.57854	8.7855	9.65596	23.6886	4	0
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10/4/2015	19:00:00	7.91909	9.13945	10.0104	10.8271	23.4844	4	0
10/4/2015	20:00:01	8.0679	9.31147	10.9703	10.7578	23.8929	4	0
10/4/2015	21:00:01	8.24449	9.58488	10.9342	11.2067	23.8928	4	0
10/4/2015	22:00:00	8.44439	9.97024	12.218	13.9724	23.4844	4	0
10/4/2015	23:00:00	8.66005	10.3926	12.7455	13.2123	23.8929	4	0
10/5/2015	0:00:01	8.91685	10.5043	11.2864	11.5799	24.0971	4	0
10/5/2015	1:00:01	9.19983	10.9832	12.477	10.5521	24.0971	4	0
10/5/2015	2:00:00	9.39354	11.159	10.8342	11.5329	24.7097	4	0
10/5/2015	3:00:01	9.61034	11.3188	12.3381	12.1816	24.3013	4	0
10/5/2015	4:00:01	9.84387	11.3468	11.9978	13.1766	24.9139	4	0
10/5/2015	5:00:00	10.125	11.7041	13.3017	12.3136	25.1181	4	0
10/5/2015	6:00:00	10.5601	12.1785	17.1307	13.0855	24.9139	4	0
10/5/2015	7:00:01	10.8517	12.5842	14.9328	15.1623	24.5055	4	0
10/5/2015	8:00:00	11.0985	12.8774	14.2927	15.2359	24.9139	4	0
10/5/2015	9:00:00	11.5242	13.4582	17.8466	17.2011	24.9139	4	0
10/5/2015	10:00:01	12.1861	14.3978	23.2735	24.7932	24.7097	4	0
10/5/2015	11:00:01	12.8156	15.1725	21.5057	17.9438	24.7097	4	0
10/5/2015	12:00:00	13.2386	15.8952	19.6716	22.5366	25.3223	4	0
10/5/2015	13:00:00	13.8562	16.6329	20.927	19.4718	24.7097	4	0
10/5/2015	14:00:01	14.3408	17.3941	19.339	16.7381	24.7097	4	0
10/5/2015	15:00:00	15.1612	18.8815	30.8987	63.9321	24.9139	4	0
10/5/2015	16:00:00	16.2456	21.0312	37.8075	20.5844	24.7097	4	0
10/5/2015	17:00:01	16.6121	21.4076	18.653	22.7622	25.5265	4	0
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10/5/2015	19:00:00	17.1922	21.7052	18.1683	15.7114	25.935	4	0

10/5/2015	20:00:01	17.3323	21.7264	15.0476	16.5156	25.5265	4	0
10/5/2015	21:00:01	17.4518	21.3859	13.8305	13.3216	25.7308	4	0
10/5/2015	22:00:00	17.4518	21.3859	13.8305	12.7885	26.1392	4	0
10/5/2015	23:00:00	17.3431	19.5153	10.9463	10.73	25.935	4	0
10/6/2015	0:00:01	17.2019	18.5873	9.11261	8.38334	26.1392	4	0
10/6/2015	1:00:01	17.1002	17.7138	10.5024	12.2329	26.3434	4	0
10/6/2015	2:00:00	17.1194	17.0738	11.5172	14.2296	26.5476	4	0
10/6/2015	3:00:01	17.0872	15.4827	11.3546	10.4154	26.5476	4	0
10/6/2015	4:00:01	17.0203	13.2349	10.3987	10.0285	26.5476	4	0
10/6/2015	5:00:00	16.8943	12.6006	11.1809	12.3298	26.1392	4	0
10/6/2015	6:00:00	16.7192	12.1387	12.6788	10.7252	26.5476	4	0
10/6/2015	7:00:01	16.6298	11.6933	12.6609	11.9294	26.1392	4	0
10/6/2015	8:00:00	16.6298	11.6933	12.6609	18.4776	26.7518	4	0
10/6/2015	9:00:00	16.5662	11.7207	14.9143	17.5262	26.3434	4	0
10/6/2015	10:00:00	16.3825	12.2543	17.2117	15.2247	25.935	4	0
10/6/2015	11:00:01	15.9784	12.2629	10.6735	12.1337	25.935	4	0
10/6/2015	12:00:00	15.6938	12.426	10.1518	11.5216	26.1392	4	0
10/6/2015	13:00:00	15.3204	12.5433	12.0292	11.0637	25.7308	4	0
10/6/2015	14:00:01	15.1867	12.8238	14.3861	16.0782	25.1181	4	0
10/6/2015	15:00:01	14.6045	13.2871	16.9675	16.8808	25.1181	4	0
10/6/2015	16:00:00	13.7308	13.8193	16.5306	17.3977	25.7308	4	0
10/6/2015	17:00:01	13.5023	14.0396	14.7101	16.084	25.935	4	0
10/6/2015	18:00:01	14.3403	16.3715	43.202	26.9595	26.5476	4	0
10/6/2015	19:00:00	14.8677	17.9378	32.5436	28.3808	26.5476	4	0
10/6/2015	20:00:00	15.2583	18.8945	26.1406	27.4341	26.956	4	0
10/6/2015	21:00:01	15.6905	19.7065	25.397	26.4747	26.956	4	0
10/6/2015	22:00:01	16.1804	20.2315	23.8271	25.4085	27.5687	4	0
10/6/2015	23:00:00	16.7864	21.4309	24.0106	27.085	27.7729	4	0
10/7/2015	0:00:01	17.494	22.7634	25.7484	25.7798	27.3645	4	0
10/7/2015	1:00:01	17.9956	23.6682	22.9369	21.9041	27.3645	4	0
10/7/2015	2:00:00	18.3689	24.2359	21.5973	20.8288	28.5897	4	0
10/7/2015	3:00:00	18.6928	24.4649	19.4518	18.7802	28.3855	4	0
10/7/2015	4:00:01	19.147	24.876	20.2132	21.5998	27.9771	4	0
10/7/2015	5:00:00	19.3702	25.1182	18.5261	20.8379	28.5897	4	0
10/7/2015	6:00:00	19.6514	23.1943	19.142	21.0924	28.3855	4	0
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10/7/2015	9:00:00	24.2421	28.3918	53.8775	62.0599	27.1602	4	0
10/7/2015	10:00:00	26.0519	31.3145	57.5908	66.4956	26.3434	4	0
10/7/2015	11:00:01	28.4314	34.8172	64.8494	69.6038	26.7518	4	0
10/7/2015	12:00:00	30.6177	37.7377	59.8185	59.4968	26.3434	4	0
10/7/2015	13:00:00	32.5743	40.6008	56.4267	59.7528	26.7518	4	0
10/7/2015	14:00:01	34.0622	42.9307	50.702	49.3205	26.7518	4	0
10/7/2015	15:00:01	35.1397	44.8679	44.3198	48.7862	26.7518	4	0
10/7/2015	16:00:00	36.2399	46.7089	43.0914	43.8999	27.1602	4	0
10/7/2015	17:00:01	37.6446	49.345	55.2263	66.9771	27.7729	4	0
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10/7/2015	19:00:00	37.8276	52.7433	38.489	34.5839	28.7939	4	0
10/7/2015	20:00:00	37.6816	49.6875	25.783	24.4052	28.3855	4	0
10/7/2015	21:00:01	37.3571	46.825	20.2663	16.7209	28.794	4	0
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10/7/2015	23:00:00	36.3795	39.1448	14.6324	12.7185	28.794	4	0
10/8/2015	0:00:01	35.8657	35.486	13.7351	12.3196	28.794	4	0
10/8/2015	1:00:01	35.3325	31.9057	11.7031	12.3113	28.794	4	0
10/8/2015	2:00:00	34.8531	28.7475	10.8331	11.0354	28.9982	4	0
10/8/2015	3:00:00	34.4462	26.0461	10.1279	9.0366	29.2024	4	0
10/8/2015	4:00:00	33.9938	23.3993	9.49683	8.33716	29.4066	4	0
10/8/2015	5:00:01	33.5986	19.7637	9.68506	10.9472	29.2024	4	0
10/8/2015	6:00:00	33.1996	15.6757	10.0321	7.97596	29.4066	4	0
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10/8/2015	10:00:00	30.0275	15.543	31.1306	37.0979	28.3855	4	0
10/8/2015	11:00:00	29.2614	17.8183	41.1522	41.3145	27.9771	4	0
10/8/2015	12:00:01	28.2752	19.6236	35.7789	34.9885	28.5897	4	0
10/8/2015	13:00:00	27.3784	21.3124	31.1778	30.3934	28.1813	4	0
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10/8/2015	15:00:00	25.9806	24.5785	29.3698	34.7152	27.7729	4	0
10/8/2015	16:00:01	25.4984	26.4326	32.4393	32.9829	27.9771	4	0
10/8/2015	17:00:01	24.4599	28.2745	33.617	30.6264	28.3855	4	0
10/8/2015	18:00:00	23.3787	30.4307	36.8613	50.6411	28.5897	4	0
10/8/2015	19:00:01	23.1859	32.3355	39.6735	26.2507	29.2024	4	0

10/8/2015	20:00:01	23.2714	33.2174	28.4325	20.0976	28.5897	4	0
10/8/2015	21:00:00	23.3351	32.5282	25.3439	25.3038	28.9982	4	0
10/8/2015	22:00:00	24.0175	32.6286	33.1689	35.3544	29.4066	4	0
10/8/2015	23:00:01	24.6856	31.8577	31.5828	36.0334	29.815	4	0
10/9/2015	0:00:01	25.5016	31.7737	34.9201	38.4456	30.2234	4	0
10/9/2015	1:00:00	26.2652	31.8401	32.4989	29.8502	29.815	4	0
10/9/2015	2:00:01	26.9878	31.7112	28.7016	27.5048	30.0192	4	0
10/9/2015	3:00:01	27.3997	31.1028	22.2925	18.6679	30.4277	4	0
10/9/2015	4:00:00	27.6374	29.805	16.1534	16.4838	30.4277	4	0
10/9/2015	5:00:00	27.9452	28.5392	17.4776	16.7945	30.4277	4	0
10/9/2015	6:00:01	27.9315	26.4762	11.901	15.6868	30.2234	4	0
10/9/2015	7:00:01	27.7481	24.0509	10.1686	7.41735	30.6319	4	0
10/9/2015	8:00:00	27.4492	22.5578	9.46651	7.80008	30.2234	4	0
10/9/2015	9:00:00	26.9146	21.8791	16.0423	22.405	30.0192	4	0
10/9/2015	10:00:01	26.0306	19.917	9.1141	6.99263	30.2234	4	0
10/9/2015	11:00:00	24.9425	18.5125	14.6113	18.7516	30.6319	4	0
10/9/2015	12:00:00	23.9801	16.3676	7.49187	9.43361	30.2234	4	0
10/9/2015	13:00:01	23.1239	14.4819	9.8852	7.89234	29.4066	4	0
10/9/2015	14:00:01	22.3243	13.0711	12.0354	9.17842	30.0192	4	0
10/9/2015	15:00:00	21.6289	12.217	12.1607	11.2865	30.0192	4	0
10/9/2015	16:00:01	21.2707	12.7896	23.1371	8.11539	30.6319	4	0
10/9/2015	17:00:01	20.1305	11.8244	6.13661	4.97361	30.4277	4	0
10/9/2015	18:00:00	18.947	11.4678	7.77889	11.1536	30.2234	4	0
10/9/2015	19:00:00	17.7057	11.5243	11.6212	11.6382	30.8361	4	0
10/9/2015	20:00:01	17.1627	12.0476	16.202	15.6196	31.0403	4	0
10/9/2015	21:00:01	16.5942	11.797	13.6383	17.0825	30.8361	4	0
10/9/2015	22:00:00	15.9249	12.4404	17.0961	21.0115	31.0403	4	0
10/9/2015	23:00:01	15.2919	12.5617	16.0889	9.35541	31.0403	4	0
10/10/2015	0:00:01	14.575	13.2829	15.7569	20.4086	31.4487	4	0
10/10/2015	1:00:00	13.8047	13.5845	13.602	10.6299	31.2445	4	0
10/10/2015	2:00:00	12.9671	13.2713	8.36213	10.0573	31.6529	4	0
10/10/2015	3:00:01	12.3511	12.8692	7.26057	7.88024	32.2656	4	0
10/10/2015	4:00:00	12.3511	12.8692	7.26057	8.70408	32.4698	4	0
10/10/2015	5:00:00	11.6472	11.8402	7.93388	3.32607	32.674	4	0
10/10/2015	6:00:01	11.472	11.8328	7.68127	9.26686	32.2656	4	0
10/10/2015	7:00:01	11.7987	12.2091	13.9971	18.2936	31.4487	4	0

10/10/2015	8:00:00	12.1773	12.2884	15.7609	13.2415	31.0403	4	0
10/10/2015	9:00:00	12.1098	12.2206	11.7284	11.4515	31.0403	4	0
10/10/2015	10:00:01	12.0143	11.2879	5.86693	10.6441	31.2445	4	0
10/10/2015	11:00:00	11.6967	10.4385	5.8818	3.90585	30.4277	4	0
10/10/2015	12:00:00	11.6642	9.5815	5.5313	5.32824	30.0192	4	0
10/10/2015	13:00:01	11.6548	9.17279	8.95727	6.69811	30.4277	4	0
10/10/2015	14:00:01	11.614	9.33928	10.3894	10.53	30.2234	4	0
10/10/2015	15:00:00	11.6064	9.74326	12.505	10.8386	30.2234	4	0
10/10/2015	16:00:01	11.1841	10.1363	13.6337	17.2297	30.4277	4	0
10/10/2015	17:00:01	11.598	10.8463	17.2217	29.3533	31.2445	4	0
10/10/2015	18:00:01	12.0217	11.772	19.9001	19.3492	31.6529	4	0
10/10/2015	19:00:01	12.3837	12.2924	20.6968	23.4283	31.4487	4	0
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10/10/2015	21:00:00	13.1283	14.085	23.4822	23.0728	32.0613	4	0
10/10/2015	22:00:01	13.1942	15.1948	19.3842	17.561	31.4487	4	0
10/10/2015	23:00:01	13.2032	16.0786	16.1501	16.1677	31.8571	4	0
10/11/2015	0:00:00	13.1296	16.8088	14.1427	16.4341	32.0613	4	0
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10/11/2015	2:00:01	13.4009	17.6329	13.786	14.7919	32.0614	4	0
10/11/2015	3:00:00	13.6168	17.6729	13.0781	12.2581	32.0614	4	0
10/11/2015	4:00:00	13.7696	17.5723	11.8303	12.4274	32.674	4	0
10/11/2015	5:00:01	13.9678	17.2402	13.1499	14.6719	32.0614	4	0
10/11/2015	6:00:01	14.1358	16.5965	12.1663	13.2013	32.4698	4	0
10/11/2015	7:00:00	14.1624	16.0815	13.6889	16.3071	32.2656	4	0
10/11/2015	8:00:00	14.2702	15.2813	15.4793	15.2119	32.4698	4	0
10/11/2015	9:00:01	14.5569	14.6862	14.7508	13.4265	31.6529	4	0
10/11/2015	10:00:00	15.0631	14.4097	15.4006	14.9978	31.2445	4	0
10/11/2015	11:00:00	15.7017	14.6091	17.4168	22.0749	30.8361	4	0
10/11/2015	12:00:01	16.3385	15.0698	19.8154	23.6755	30.4277	4	0
10/11/2015	13:00:01	17.1509	16.0796	27.2388	28.46	30.4276	4	0
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10/11/2015	15:00:01	18.2267	17.8053	21.2193	21.4081	30.2234	4	0
10/11/2015	16:00:01	18.3696	18.2432	17.8133	19.7459	30.6319	4	0
10/11/2015	17:00:01	18.4067	18.7527	21.0339	24.8491	31.2445	4	0
10/11/2015	18:00:00	18.7016	20.1178	30.4492	19.6018	31.2445	4	0
10/11/2015	19:00:01	18.5651	20.5441	20.667	26.0731	31.4487	4	0

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10/11/2015	21:00:00	18.6177	22.456	23.7588	18.9247	32.2656	4	0
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10/12/2015	5:00:00	19.702	21.0068	18.7251	18.8137	32.4698	4	0
10/12/2015	6:00:01	19.8809	19.926	17.3345	18.9899	32.4698	4	0
10/12/2015	7:00:00	20.3094	20.1453	22.1079	33.0737	32.674	4	0
10/12/2015	8:00:00	21.6833	21.5411	45.9921	83.6047	32.2656	4	0
10/12/2015	9:00:01	25.1796	27.726	97.4795	90.4539	32.2656	4	0
10/12/2015	10:00:01	27.0439	31.1102	59.8027	51.2977	31.6529	4	0
10/12/2015	11:00:00	28.077	33.1283	43.1156	46.3403	31.8571	4	0
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10/12/2015	14:00:00	31.6118	41.1535	61.2985	70.345	31.2445	4	0
10/12/2015	15:00:00	35.6737	49.6749	120.914	188.991	31.6529	4	0
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10/12/2015	18:00:00	49.6515	79.228	118.518	105.59	32.8782	4	0
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10/12/2015	20:00:01	54.9575	88.4696	92.2326	107.167	32.674	4	0
10/12/2015	21:00:00	58.064	88.5867	97.3996	87.8887	32.8782	4	0
10/12/2015	22:00:00	60.3924	90.1443	86.2592	105.841	33.0824	4	0
10/12/2015	23:00:01	63.6291	94.7087	101.598	65.1292	33.0824	4	0
10/13/2015	0:00:00	64.4824	94.6355	51.8309	46.8996	33.6951	4	0
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10/13/2015	2:00:01	64.3211	89.418	14.7474	16.6703	33.6951	4	0
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10/13/2015	4:00:00	63.763	70.1395	10.6522	12.41	33.695	4	0
10/13/2015	5:00:00	63.2034	57.6412	7.78155	8.23151	33.4908	4	0
10/13/2015	6:00:01	62.7312	48.6237	7.52723	6.31494	33.4908	4	0
10/13/2015	7:00:00	62.1244	42.0492	6.50185	5.09864	33.8993	4	0

10/13/2015	8:00:00	60.6897	35.2798	7.72383	9.88953	33.4908	4	0
10/13/2015	9:00:01	57.2033	28.1057	8.08831	7.04257	33.695	4	0
10/13/2015	10:00:01	55.5263	21.9372	9.23709	9.29096	33.2866	4	0
10/13/2015	11:00:00	54.5177	14.5391	11.3936	15.5191	32.8782	4	0
10/13/2015	12:00:01	53.511	11.4434	14.5297	14.0099	32.674	4	0
10/13/2015	13:00:01	52.925	10.8939	17.6073	22.6628	33.2866	4	0
10/13/2015	14:00:00	51.1985	11.2602	19.4941	38.6345	32.8782	4	0
10/13/2015	15:00:00	47.556	12.4185	27.3257	60.8735	32.674	4	0
10/13/2015	16:00:01	42.9485	14.3585	34.5545	31.7158	32.674	4	0
10/13/2015	17:00:01	37.518	16.2379	30.6571	38.7106	32.8782	4	0
10/13/2015	18:00:00	34.5101	20.1014	56.4079	49.3767	33.8993	4	0
10/13/2015	19:00:01	32.5168	23.1222	44.7035	45.0046	34.3077	4	0
10/13/2015	20:00:01	30.745	26.4864	48.8621	52.0514	34.1035	4	0
10/13/2015	21:00:00	28.6305	29.5924	47.2836	49.0656	34.1035	4	0
10/13/2015	22:00:00	26.8454	32.285	42.7175	40.3781	34.5119	4	0
10/13/2015	23:00:01	24.1874	34.2784	36.8841	37.5923	34.9203	4	0
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10/14/2015	3:00:01	23.9852	36.0895	16.316	19.216	34.9203	4	0
10/14/2015	4:00:00	24.2483	34.7219	15.7664	15.1399	35.1245	4	0
10/14/2015	5:00:00	24.3638	33.2632	14.977	17.1643	35.7372	4	0
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10/14/2015	9:00:01	26.2806	22.6259	6.42118	2.17157	34.1035	4	0
10/14/2015	10:00:01	26.3085	19.6381	6.29424	6.08828	33.8993	4	0
10/14/2015	11:00:00	26.1962	17.139	7.57693	8.47491	33.4908	4	0
10/14/2015	12:00:00	26.1928	15.1545	10.7358	11.7631	33.2866	4	0
10/14/2015	13:00:01	25.8852	13.4593	8.37016	5.44346	33.2866	4	0
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10/14/2015	15:00:00	25.4965	13.2234	24.7163	64.2522	33.8993	4	0
10/14/2015	16:00:01	25.792	15.4135	42.9935	19.099	33.0824	4	0
10/14/2015	17:00:01	25.5224	16.3627	28.103	45.0934	33.8993	4	0
10/14/2015	18:00:00	28.7733	26.6116	141.016	58.4022	34.5119	4	0
10/14/2015	19:00:00	28.7341	29.1151	49.0909	40.2277	34.1035	4	0

10/14/2015	20:00:01	28.1815	30.7606	39.0149	40.9346	34.9203	4	0
10/14/2015	21:00:01	27.6108	32.9686	32.2932	39.6835	34.7161	4	0
10/14/2015	22:00:00	26.9052	34.5777	25.1947	20.5474	34.5119	4	0
10/14/2015	23:00:00	26.1909	35.6432	21.0605	21.9643	34.7161	4	0
10/15/2015	0:00:01	25.61	36.531	22.5874	21.5513	35.3287	4	0
10/15/2015	1:00:00	25.3184	37.6222	21.7638	23.0225	35.533	4	0
10/15/2015	2:00:00	25.2314	38.3253	20.3796	21.1327	35.533	4	0
10/15/2015	3:00:01	25.3695	37.9811	19.3192	18.7699	34.9203	4	0
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10/15/2015	5:00:00	25.6699	35.4405	20.2091	22.4124	35.7372	4	0
10/15/2015	6:00:00	26.0794	25.9362	22.6552	29.0848	35.1245	4	0
10/15/2015	7:00:01	26.5189	23.9336	23.1788	22.8107	34.9203	4	0
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10/15/2015	9:00:00	28.619	23.5288	32.1021	29.1426	34.7161	4	0
10/15/2015	10:00:01	30.0147	24.5845	37.5855	38.3538	34.5119	4	0
10/15/2015	11:00:01	31.631	26.5039	43.5909	48.751	34.3077	4	0
10/15/2015	12:00:00	33.0985	28.003	38.4299	35.3523	33.4908	4	0
10/15/2015	13:00:01	34.6998	29.8026	42.6965	39.1581	33.695	4	0
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10/15/2015	18:00:01	38.7184	51.0148	57.5208	52.4829	34.7161	4	0
10/15/2015	19:00:00	38.1227	52.316	47.0388	47.2558	35.7372	4	0
10/15/2015	20:00:00	38.1577	53.2122	43.795	49.0752	35.3287	4	0
10/15/2015	21:00:01	38.3972	53.7556	37.6322	37.4114	35.1245	4	0
10/15/2015	22:00:01	38.4284	53.0741	34.2399	33.3905	35.533	4	0
10/15/2015	23:00:00	38.6618	51.8569	28.9758	29.8562	35.7372	4	0
10/16/2015	0:00:00	38.7893	51.0022	27.6853	30.0037	35.9414	4	0
10/16/2015	1:00:01	38.93	49.8195	27.9064	26.9312	36.3498	4	0
10/16/2015	2:00:00	39.2721	48.9207	28.5745	27.7624	35.9414	4	0
10/16/2015	3:00:00	39.5432	46.7305	29.7411	32.0956	36.554	4	0
10/16/2015	4:00:01	40.0149	39.5284	28.2204	26.3444	36.3498	4	0
10/16/2015	5:00:01	40.2384	34.3701	28.8071	28.5272	36.7582	4	0
10/16/2015	6:00:00	40.3866	31.9464	26.1263	28.54	36.3498	4	0
10/16/2015	7:00:00	40.6675	30.2594	23.3363	28.3468	36.1456	4	0

10/16/2015	8:00:01	41.1412	29.5558	31.2949	29.6524	35.533	4	0
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10/16/2015	10:00:00	40.3409	26.9377	17.2948	16.0118	35.7372	4	0
10/16/2015	11:00:01	39.0703	25.3381	9.44693	12.9046	35.3287	4	0
10/16/2015	12:00:01	37.9751	23.7552	8.56431	6.9608	35.7372	4	0
10/16/2015	13:00:00	36.7748	22.3295	11.1855	10.0258	35.533	4	0
10/16/2015	14:00:01	35.6889	21.0447	13.7997	20.9646	35.3287	4	0
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10/16/2015	19:00:01	24.7695	19.2921	31.1053	32.2085	36.7582	4	0
10/16/2015	20:00:00	24.5841	20.0757	41.3747	44.6132	37.1667	4	0
10/16/2015	21:00:01	24.2454	20.9882	30.6596	35.441	36.554	4	0
10/16/2015	22:00:01	24.0571	22.0831	30.5922	26.8084	37.1667	4	0
10/16/2015	23:00:00	23.685	22.9379	19.4189	17.5337	37.1667	4	0
10/17/2015	0:00:00	23.0591	23.3501	14.3356	15.1062	37.7793	4	0
10/17/2015	1:00:01	22.3641	23.3937	11.9403	9.10352	37.9835	4	0
10/17/2015	2:00:00	21.6283	23.1372	9.9681	12.6817	38.3919	4	0
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10/17/2015	4:00:00	19.7632	19.7724	5.97378	6.93401	38.1877	4	0
10/17/2015	5:00:01	18.7571	18.8481	6.15786	4.87784	38.1877	4	0
10/17/2015	6:00:00	17.929	17.7125	6.28161	7.97132	38.5962	4	0
10/17/2015	7:00:00	17.3987	15.9245	7.80731	11.2861	37.3709	4	0
10/17/2015	8:00:01	16.7935	13.5411	9.84082	4.85415	36.9624	4	0
10/17/2015	9:00:00	16.3911	11.6043	6.70788	5.60955	36.554	4	0
10/17/2015	10:00:00	15.876	9.2322	1.83764	8.0307	36.9625	4	0
10/17/2015	11:00:01	15.8817	8.29461	8.3232	9.02166	36.3498	4	0
10/17/2015	12:00:01	15.9771	7.85725	9.17212	13.9212	36.554	4	0
10/17/2015	13:00:00	15.9886	7.69959	10.219	10.9441	35.9414	4	0
10/17/2015	14:00:01	15.8818	7.7419	10.7046	9.66845	36.1456	4	0
10/17/2015	15:00:01	15.6356	8.02408	12.0959	12.3808	36.1456	4	0
10/17/2015	16:00:00	14.667	8.71946	14.4786	16.9329	35.7372	4	0
10/17/2015	17:00:00	14.4671	9.32081	14.015	10.917	36.3498	4	0
10/17/2015	18:00:01	14.3593	10.4975	21.6313	21.4601	36.554	4	0
10/17/2015	19:00:01	13.8136	11.402	19.1932	21.8311	36.9625	4	0

10/17/2015	20:00:00	12.8844	12.2184	20.0278	22.6981	37.5751	4	0
10/17/2015	21:00:01	12.6033	13.686	24.5859	24.5249	37.3709	4	0
10/17/2015	22:00:01	12.4495	15.8023	27.6872	29.9322	37.5751	4	0
10/17/2015	23:00:00	12.6681	17.1929	25.3571	23.9137	37.7793	4	0
10/18/2015	0:00:00	13.1213	18.556	25.5832	24.5003	37.9835	4	0
10/18/2015	1:00:01	13.6886	19.868	26.0159	25.2033	38.1877	4	0
10/18/2015	2:00:00	14.2871	21.0364	24.6564	23.382	37.7793	4	0
10/18/2015	3:00:00	14.9361	22.061	23.6996	21.5392	37.9835	4	0
10/18/2015	4:00:00	15.6292	22.7946	23.3633	25.1326	38.3919	4	0
10/18/2015	5:00:01	16.3116	23.563	23.612	24.3289	38.5961	4	0
10/18/2015	6:00:01	17.1428	23.9793	25.7932	26.6741	38.1877	4	0
10/18/2015	7:00:00	17.9242	24.5744	24.6252	23.1702	37.9835	4	0
10/18/2015	8:00:00	19.047	25.8217	30.5614	34.5172	37.5751	4	0
10/18/2015	9:00:01	20.0935	26.2708	26.9252	27.9683	37.3709	4	0
10/18/2015	10:00:01	21.3905	26.4928	27.7544	18.0592	36.3498	4	0
10/18/2015	11:00:00	22.4407	26.9778	29.9304	34.537	36.554	4	0
10/18/2015	12:00:01	23.4037	27.4276	31.8443	38.3646	36.1456	4	0
10/18/2015	13:00:01	24.3469	27.832	31.1114	29.2898	35.533	4	0
10/18/2015	14:00:00	24.9631	27.7686	24.7147	23.1591	35.7372	4	0
10/18/2015	15:00:00	25.5058	27.7795	24.886	29.3262	35.7372	4	0
10/18/2015	16:00:01	25.8789	27.7223	24.3782	26.4455	36.1456	4	0
10/18/2015	17:00:01	26.0774	27.4134	23.6223	19.3133	36.554	4	0
10/18/2015	18:00:00	26.215	27.3823	27.9242	32.9865	36.3498	4	0
10/18/2015	19:00:01	26.6954	27.9456	33.5154	44.9544	36.7582	4	0
10/18/2015	20:00:01	27.2781	28.3399	37.2825	34.3641	36.554	4	0
10/18/2015	21:00:00	27.3171	28.3146	27.3692	27.8432	36.554	4	0
10/18/2015	22:00:00	27.1867	28.1906	26.7902	27.3892	36.9625	4	0
10/18/2015	23:00:01	27.1206	27.804	25.0332	28.5273	37.5751	4	0
10/19/2015	0:00:00	26.8895	26.9115	20.2466	15.6199	37.3709	4	0
10/19/2015	1:00:00	26.583	25.9323	17.9365	18.4899	37.1667	4	0
10/19/2015	2:00:01	26.2232	25.3633	17.8113	19.871	36.9624	4	0
10/19/2015	3:00:01	25.983	24.7716	15.9509	17.648	37.3709	4	0
10/19/2015	4:00:00	25.7424	24.3047	18.2313	22.7506	36.7582	4	0
10/19/2015	5:00:00	25.448	23.8277	17.7729	18.4224	36.554	4	0
10/19/2015	6:00:01	25.23	23.2123	19.3744	27.1048	36.9625	4	0
10/19/2015	7:00:00	25.2664	22.5648	25.2536	24.2636	36.7582	4	0

10/19/2015	8:00:00	25.9488	23.1537	42.5722	48.8239	36.554	4	0
10/19/2015	9:00:01	27.3583	25.733	57.0303	60.6208	36.554	4	0
10/19/2015	10:00:01	28.7613	28.3579	56.7283	66.0273	36.1456	4	0
10/19/2015	11:00:00	30.4695	31.9491	66.8577	70.4901	35.533	4	0
10/19/2015	12:00:01	32.0345	35.8146	64.5654	64.0407	35.1245	4	0
10/19/2015	13:00:01	33.0254	38.7773	52.4683	62.8019	35.3287	4	0
10/19/2015	14:00:01	34.4139	42.0273	56.245	63.6344	35.3287	4	0
10/19/2015	15:00:00	34.4139	42.0273	56.245	64.8606	35.533	4	0
10/19/2015	16:00:00	36.7052	47.8724	48.0278	44.3473	35.7372	4	0
10/19/2015	17:00:01	37.3348	49.7462	44.0728	40.1545	35.9414	4	0
10/19/2015	18:00:01	39.1376	54.1728	75.495	94.3515	36.7582	4	0
10/19/2015	19:00:00	39.6684	56.0312	50.7237	42.0048	36.554	4	0
10/19/2015	20:00:01	39.621	55.5435	38.1952	40.2343	36.7582	4	0
10/19/2015	21:00:01	39.8819	53.6932	38.1216	38.9265	37.1667	4	0
10/19/2015	22:00:00	39.9474	51.4682	31.9902	30.3722	36.7582	4	0
10/19/2015	23:00:00	39.9729	48.1873	28.0554	28.7302	37.1667	4	0
10/20/2015	0:00:01	39.9697	44.8005	25.6295	27.0392	36.9625	4	0
10/20/2015	1:00:00	40.1281	42.4418	23.6756	24.9903	37.3709	4	0
10/20/2015	2:00:00	40.2421	39.6638	21.5451	25.6778	36.9625	4	0
10/20/2015	3:00:01	40.4481	36.7923	22.9328	28.9805	37.5751	4	0
10/20/2015	4:00:01	40.7108	35.0449	26.1175	28.3353	37.5751	4	0
10/20/2015	5:00:00	41.2472	34.0612	31.2083	35.6377	37.3709	4	0
10/20/2015	10:00:00	0	0	0	0	37.5751	1	64
10/20/2015	11:00:01	0	0	0	0	36.3498	3	0
10/20/2015	12:00:00	0	0	0	46.5099	36.7582	4	0
10/20/2015	13:00:00	0	0	0	41.8271	36.554	4	0
10/20/2015	14:00:00	0	0	42.0021	40.5601	36.9625	4	0
10/20/2015	15:00:01	0	0	39.1033	41.4695	36.554	4	0
10/20/2015	16:00:01	0	0	39.9488	49.4225	36.9625	4	0
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10/20/2015	18:00:00	0	0	41.4128	40.9461	37.1667	4	0
10/20/2015	19:00:00	0	0	68.7359	131.614	38.3919	4	0
10/20/2015	20:00:01	0	0	47.8487	30.3337	38.5961	4	0
10/20/2015	21:00:01	0	0	28.4462	31.7444	39.413	4	0
10/20/2015	22:00:00	0	0	22.4013	34.8811	38.5961	4	0
10/20/2015	23:00:00	0	0	22.8597	40.1069	38.8004	4	0

10/21/2015	0:00:00	0	0	16.6546	22.5274	38.5961	4	0
10/21/2015	1:00:01	0	35.9996	23.3953	27.0373	39.0046	4	0
10/21/2015	2:00:01	0	34.8172	26.2276	31.5696	38.1877	4	0
10/21/2015	3:00:00	0	34.2095	30.1317	36.8717	39.2088	4	0
10/21/2015	4:00:00	0	33.6041	31.1933	31.8362	39.2088	4	0
10/21/2015	5:00:00	0	32.2302	28.899	31.7417	39.413	4	0
10/21/2015	6:00:01	0	31.2446	28.198	33.1708	39.2088	4	0
10/21/2015	7:00:01	0	28.1652	32.0604	32.145	39.2088	4	0
10/21/2015	8:00:00	0	27.0108	32.8933	33.9919	39.413	4	0
10/21/2015	9:00:00	0	27.6514	34.4671	36.9253	39.413	4	0
10/21/2015	10:00:00	0	28.8176	35.2837	34.0228	39.2088	4	0
10/21/2015	11:00:01	0	30.3397	38.5149	43.6243	38.5961	4	0
10/21/2015	12:00:01	0	31.8845	33.5287	30.0258	38.3919	4	0
10/21/2015	13:00:00	35.108	32.9252	34.4602	32.1011	38.3919	4	0
10/21/2015	14:00:00	34.7369	33.4712	33.9374	36.538	37.9835	4	0
10/21/2015	15:00:00	34.5462	33.8154	35.8069	39.9561	37.7793	4	0
10/21/2015	16:00:01	34.2587	33.8124	31.3306	38.1991	37.9835	4	0
10/21/2015	17:00:01	33.4857	33.9063	33.9095	34.3076	38.8004	4	0
10/21/2015	18:00:00	33.2069	34.6193	40.0229	33.3626	38.8004	4	0
10/21/2015	19:00:00	31.4066	34.3356	32.6467	35.0054	39.6172	4	0
10/21/2015	20:00:01	30.4238	33.7975	29.0493	28.516	40.2298	4	0
10/21/2015	21:00:01	30.36	33.2673	28.8949	33.9002	40.2298	4	0
10/21/2015	22:00:00	30.2885	32.1704	22.7898	18.6577	40.6383	4	0
10/21/2015	23:00:00	30.6881	31.6619	30.5926	30.1473	40.8425	4	0
10/22/2015	0:00:00	31.1412	31.1962	26.5663	26.4692	40.2298	4	0
10/22/2015	1:00:01	31.2098	30.6039	27.3209	36.2912	41.0467	4	0
10/22/2015	2:00:01	31.3017	30.3112	30.0522	34.1697	40.8425	4	0
10/22/2015	3:00:00	31.1903	29.8446	30.3617	31.1624	40.6383	4	0
10/22/2015	4:00:00	31.3852	30.2794	35.0608	36.4549	40.6383	4	0
10/22/2015	5:00:00	31.6342	30.5288	36.7776	36.3292	41.4551	4	0
10/22/2015	6:00:01	31.898	30.1248	33.893	32.922	40.8425	4	0
10/22/2015	7:00:01	31.7669	29.9076	30.0426	27.4607	40.6383	4	0
10/22/2015	8:00:00	31.4819	29.6215	24.855	24.0329	40.8425	4	0
10/22/2015	9:00:00	30.6833	28.4411	14.2122	16.713	41.4551	4	0
10/22/2015	10:00:01	30.0984	28.1185	17.3449	13.7961	41.2509	4	0
10/22/2015	11:00:01	29.7149	27.588	20.6724	17.0512	40.0256	4	0

10/22/2015	12:00:01	29.0989	26.7963	16.4868	15.6219	40.2298	4	0
10/22/2015	13:00:00	28.741	26.5005	23.2547	23.4785	39.8214	4	0
10/22/2015	14:00:00	28.3595	25.9074	22.8452	23.5633	39.6172	4	0
10/22/2015	15:00:01	27.8922	25.2493	22.45	24.7803	39.0046	4	0
10/22/2015	16:00:01	27.6108	24.3336	25.4508	19.548	39.6172	4	0
10/22/2015	17:00:01	26.7307	22.4662	17.0964	33.8536	40.2298	4	0
10/22/2015	18:00:00	26.0715	21.8791	29.5997	49.0578	40.8425	4	0
10/22/2015	19:00:00	26.185	22.325	36.0045	30.6328	41.2509	4	0
10/22/2015	20:00:01	25.6911	21.8608	20.98	18.3584	41.4551	4	0
10/22/2015	21:00:01	25.1684	22.0097	15.9527	16.3899	41.0467	4	0
10/22/2015	22:00:00	24.523	21.1751	7.29867	6.26008	41.4551	4	0
10/22/2015	23:00:00	23.4619	19.89	4.98362	2.87272	41.4551	4	0
10/23/2015	0:00:00	22.4905	18.7908	3.04687	5.07373	40.8425	4	0
10/23/2015	1:00:01	21.6481	17.4881	7.24041	14.5725	41.0467	4	0
10/23/2015	2:00:01	20.9209	16.6077	11.3234	8.15697	41.4551	4	0
10/23/2015	3:00:00	19.9943	15.4435	7.81673	6.02782	41.2509	4	0
10/23/2015	4:00:00	18.9464	14.2445	10.7868	10.8139	41.6593	4	0
10/23/2015	5:00:00	17.8524	13.6861	9.94516	9.01544	41.4551	4	0
10/23/2015	6:00:01	16.9769	12.2748	12.1964	8.72739	41.6593	4	0
10/23/2015	7:00:01	16.263	10.2787	11.4127	17.4398	41.6593	4	0
10/23/2015	8:00:00	15.8452	9.72314	14.2439	13.9467	41.2509	4	0
10/23/2015	9:00:00	15.8759	9.58107	14.1323	20.7836	41.0467	4	0
10/23/2015	10:00:00	15.9855	10.5154	18.0703	22.7723	41.2509	4	0
10/23/2015	11:00:01	16.3403	12.4866	28.4998	25.8817	41.2509	4	0
10/23/2015	12:00:01	16.7563	14.3907	25.6187	27.5481	41.4551	4	0
10/23/2015	13:00:00	17.0721	16.2698	29.2949	37.0236	41.8635	4	0
10/23/2015	14:00:00	17.5924	18.149	33.049	36.8474	41.0467	4	0
10/23/2015	15:00:01	18.1349	20.4258	35.1102	35.858	40.8425	4	0
10/23/2015	16:00:01	19.1189	23.705	52.283	43.3689	41.4551	4	0
10/23/2015	17:00:01	19.7772	25.592	32.4823	29.15	41.4551	4	0
10/23/2015	18:00:00	19.5234	26.5176	22.7493	20.8756	41.2509	4	0
10/23/2015	19:00:00	19.2338	27.9925	28.1795	23.7861	41.2509	4	0
10/23/2015	20:00:01	19.3013	28.6919	22.0928	19.8424	41.4551	4	0
10/23/2015	21:00:01	19.1501	28.542	12.0719	10.9565	41.2509	4	0
10/23/2015	22:00:00	19.3584	28.0419	12.1353	19.082	41.2509	4	0
10/23/2015	23:00:00	19.7014	26.7277	13.0491	10.1564	40.8425	4	0

10/24/2015	0:00:00	20.1101	25.6196	12.446	9.82472	40.8425	4	0
10/24/2015	1:00:01	20.2013	23.9741	10.3878	7.64652	41.0467	4	0
10/24/2015	2:00:01	20.129	22.049	10.3547	12.9341	41.0467	4	0
10/24/2015	3:00:00	20.1824	19.8966	9.47792	8.40327	41.4551	4	0
10/24/2015	4:00:00	20.1957	16.411	10.8187	9.18293	41.4551	4	0
10/24/2015	5:00:01	20.279	14.6421	11.3297	12.2118	41.2509	4	0
10/24/2015	6:00:01	20.2281	13.6811	11.4844	10.2205	41.2509	4	0
10/24/2015	7:00:01	20.2168	12.2187	10.5905	9.09055	40.6383	4	0
10/24/2015	8:00:00	19.9852	11.1344	9.23265	10.6164	41.0467	4	0
10/24/2015	9:00:00	19.1036	9.84591	-2.39816	-0.126788	41.6593	4	0
10/24/2015	10:00:01	18.3929	8.95739	1.44755	-0.218231	41.6593	4	0
10/24/2015	11:00:01	17.3026	8.06584	2.18365	-1.45169	41.2509	4	0
10/24/2015	12:00:01	16.2733	7.25291	2.88936	2.88763	41.8635	4	0
10/24/2015	13:00:00	15.1015	6.5746	2.33193	-0.621734	41.8635	4	0
10/24/2015	14:00:01	13.894	6.03024	3.707	5.35438	41.8635	4	0
10/24/2015	15:00:00	12.5839	5.59337	4.27029	4.00906	42.0678	4	0
10/24/2015	16:00:00	10.6278	5.15119	5.40955	9.16652	41.4551	4	0
10/24/2015	17:00:01	9.45409	4.57726	4.26644	1.68705	41.8635	4	0
10/24/2015	18:00:01	8.67561	3.9997	4.37898	9.03469	41.8635	4	0
10/24/2015	19:00:01	7.48582	3.0678	-0.835411	5.56954	41.8635	4	0
10/24/2015	20:00:01	6.73706	2.62738	3.72856	2.56483	41.8635	4	0
10/24/2015	21:00:01	6.49056	3.32065	6.05681	6.51822	42.0678	4	0
10/24/2015	22:00:00	6.18095	3.55917	4.34812	-1.03295	42.4762	4	0
10/24/2015	23:00:00	5.70873	3.51712	1.74387	5.94665	42.272	4	0
10/25/2015	0:00:00	5.40691	3.71487	5.3231	5.68873	42.6804	4	0
10/25/2015	1:00:01	5.06696	3.69726	2.20213	7.42864	43.0888	4	0
10/25/2015	2:00:01	4.85042	3.79704	4.90156	0.649367	43.4972	4	0
10/25/2015	3:00:00	4.64781	3.80865	4.39223	8.3021	42.6804	4	0
10/25/2015	4:00:00	4.64781	3.80865	4.39223	3.56517	43.0888	4	0
10/25/2015	5:00:01	4.11649	3.72605	4.43444	6.50555	44.3141	4	0
10/25/2015	6:00:01	3.78814	3.61554	2.98826	6.51982	44.3141	4	0
10/25/2015	7:00:01	3.93611	4.80685	13.5822	25.2094	43.4972	4	0
10/25/2015	8:00:00	4.11124	5.58721	12.7872	15.1677	43.293	4	0
10/25/2015	9:00:00	4.71779	6.11582	11.8801	12.6905	42.6804	4	0
10/25/2015	10:00:01	5.08847	6.6159	10.1064	5.96735	42.272	4	0
10/25/2015	11:00:01	4.67983	5.83583	-7.80093	0.1325	41.4551	4	0

10/25/2015	12:00:00	4.86429	5.99431	7.12735	14.1334	41.6593	4	0
10/25/2015	13:00:00	4.89282	6.06339	2.93377	-5.25678	41.8636	4	0
10/25/2015	14:00:00	4.82335	5.81797	2.01041	0.021756	41.4551	4	0
10/25/2015	15:00:01	4.86668	5.88749	5.21075	6.09381	41.6593	4	0
10/25/2015	16:00:01	4.90017	6.05822	6.43649	4.87081	42.0678	4	0
10/25/2015	17:00:00	5.1496	6.54447	10.6636	21.4854	42.8846	4	0
10/25/2015	18:00:00	5.48257	7.33238	12.8618	27.8313	43.0888	4	0
10/25/2015	19:00:00	6.91356	8.99107	34.1504	28.4164	43.293	4	0
10/25/2015	20:00:01	7.69372	9.80116	22.7267	23.6404	42.8846	4	0
10/25/2015	21:00:01	7.7722	9.47291	7.62047	5.46619	42.8846	4	0
10/25/2015	22:00:00	8.10138	9.66888	12.4536	11.9347	43.4972	4	0
10/25/2015	23:00:00	8.48392	11.2072	10.9508	8.64207	43.0888	4	0
10/26/2015	0:00:00	8.82745	11.771	14.3308	29.5793	43.293	4	0
10/26/2015	1:00:01	9.64706	13.3584	22.3074	24.8275	43.9057	4	0
10/26/2015	2:00:01	10.3813	15.0679	22.7652	28.9757	44.1099	4	0
10/26/2015	3:00:00	10.9431	16.1447	18.7111	20.2878	44.9267	4	0
10/26/2015	4:00:00	11.4652	17.0104	16.5654	17.2134	44.5183	4	0
10/26/2015	5:00:01	11.7923	17.1624	11.9054	11.9398	44.3141	4	0
10/26/2015	6:00:01	12.3226	17.4228	15.8176	9.46458	44.5183	4	0
10/26/2015	7:00:01	12.3112	15.6946	12.1177	17.4218	43.9057	4	0
10/26/2015	8:00:00	12.6952	15.5652	19.5505	24.0621	43.9057	4	0
10/26/2015	9:00:00	12.7142	15.9058	10.7637	13.0426	43.293	4	0
10/26/2015	10:00:01	12.7999	15.8033	9.95785	17.0773	42.8846	4	0
10/26/2015	11:00:01	13.4649	15.488	5.97778	5.42697	42.4762	4	0
10/26/2015	12:00:01	13.3216	14.5211	2.42246	-4.16306	42.4762	4	0
10/26/2015	13:00:00	13.49	13.1475	6.3709	13.5529	42.272	4	0
10/26/2015	14:00:00	13.7568	11.8725	8.39546	23.7615	42.8846	4	0
10/26/2015	15:00:01	13.9605	11.0869	10.1155	11.5209	42.272	4	0
10/26/2015	16:00:01	14.3669	11.0525	17.1601	30.3925	42.8846	4	0
10/26/2015	17:00:00	14.5702	11.4394	17.6134	17.7215	43.293	4	0
10/26/2015	18:00:00	14.7145	11.5156	17.6077	21.2305	43.293	4	0
10/26/2015	19:00:00	14.5688	13.1177	31.8427	41.7011	43.7014	4	0
10/26/2015	20:00:01	14.6474	13.5549	25.0783	22.7862	42.8846	4	0
10/26/2015	21:00:01	15.1433	14.3135	20.177	19.5628	43.0888	4	0
10/26/2015	22:00:00	15.3795	15.0745	19.7332	18.5302	43.4972	4	0
10/26/2015	23:00:00	15.6154	15.9278	15.6538	13.1156	43.4972	4	0

10/27/2015	0:00:01	15.4943	16.7	11.7655	19.3732	43.0888	4	0
10/27/2015	1:00:01	15.1304	17.3494	14.2025	12.6635	43.4972	4	0
10/27/2015	2:00:01	14.7041	17.7457	13.0829	13.4027	43.7015	4	0
10/27/2015	3:00:00	14.4692	18.0542	13.9045	13.7909	43.4972	4	0
10/27/2015	4:00:00	14.3064	17.7256	12.757	12.803	43.7015	4	0
10/27/2015	5:00:01	14.3128	17.2977	12.3025	14.5641	43.7015	4	0
10/27/2015	6:00:01	14.0927	16.769	11.5676	10.8604	44.1099	4	0
10/27/2015	7:00:01	14.3007	15.5516	16.649	20.1021	43.7015	4	0
10/27/2015	8:00:00	14.2069	14.8775	16.2616	16.6911	43.4972	4	0
10/27/2015	9:00:00	14.4231	14.6019	17.6876	19.2258	44.1099	4	0
10/27/2015	10:00:01	14.6275	14.1577	14.0454	13.952	44.3141	4	0
10/27/2015	11:00:01	14.9454	13.9436	12.6754	13.9153	43.9057	4	0
10/27/2015	12:00:00	15.4035	14.0219	12.1985	9.64311	43.7015	4	0
10/27/2015	13:00:00	15.4426	13.407	6.65421	7.19196	44.1099	4	0
10/27/2015	14:00:00	15.5349	13.129	9.39743	10.8901	43.0888	4	0
10/27/2015	15:00:01	15.4513	12.5759	7.06365	5.24996	43.4972	4	0
10/27/2015	16:00:01	15.0049	12.0455	6.65602	6.21006	43.4972	4	0
10/27/2015	17:00:00	14.6243	11.7163	8.49449	18.0354	44.3141	4	0
10/27/2015	18:00:00	14.2836	11.5126	9.14629	9.00666	43.9057	4	0
10/27/2015	19:00:00	13.3096	10.833	8.7126	7.91487	43.7015	4	0
10/27/2015	20:00:00	12.5518	10.0362	6.73233	5.9538	43.7015	4	0
10/27/2015	21:00:00	11.9093	8.9357	4.70509	3.27326	43.293	4	0
10/27/2015	22:00:01	11.282	8.17486	5.18727	4.62661	43.7014	4	0
10/27/2015	23:00:01	10.7463	7.31285	2.29029	1.19024	42.8846	4	0
10/28/2015	0:00:00	10.3106	6.39535	1.29413	-2.4166	43.293	4	0
10/28/2015	1:00:00	9.75423	5.92105	0.989718	-0.474188	43.9057	4	0
10/28/2015	2:00:00	9.23602	5.18887	0.646231	-1.05959	43.7015	4	0
10/28/2015	3:00:01	8.80394	4.86727	3.13624	4.58789	43.293	4	0
10/28/2015	4:00:01	8.40398	4.58697	3.3355	1.80208	43.7015	4	0
10/28/2015	5:00:00	8.06325	4.23376	4.34968	4.47273	43.4972	4	0
10/28/2015	6:00:00	7.75665	3.81807	4.25041	7.68278	43.4972	4	0
10/28/2015	7:00:01	7.26592	3.52347	5.2928	5.29936	43.4972	4	0
10/28/2015	8:00:01	6.56565	2.95713	0.014494	-5.31191	43.293	4	0
10/28/2015	9:00:01	5.84922	2.66782	1.25966	5.16655	43.293	4	0
10/28/2015	10:00:00	5.19851	2.15111	-0.994468	-0.477179	43.0888	4	0
10/28/2015	11:00:00	4.6908	2.03477	0.870485	5.99118	43.293	4	0

10/28/2015	12:00:01	4.24723	2.06628	1.69086	-2.82236	43.293	4	0
10/28/2015	13:00:01	4.05611	2.16992	2.20221	6.61148	43.4972	4	0
10/28/2015	14:00:00	3.88092	2.56753	5.38195	7.25755	43.4972	4	0
10/28/2015	15:00:00	3.92539	2.9878	8.18154	11.5236	43.7015	4	0
10/28/2015	16:00:00	3.54982	2.54296	-2.01129	-13.899	43.7015	4	0
10/28/2015	17:00:01	3.31618	2.42296	2.88442	7.15892	44.3141	4	0
10/28/2015	18:00:01	2.85101	1.90799	-2.01581	4.81622	44.3141	4	0
10/28/2015	19:00:00	2.50083	1.49698	0.20718	0.58031	44.5183	4	0
10/28/2015	20:00:00	2.55137	2.14408	7.87134	4.68324	44.7225	4	0
10/28/2015	21:00:00	2.58545	2.49097	5.45982	9.55119	45.131	4	0
10/28/2015	22:00:01	2.54024	2.90036	4.0519	8.50056	45.1309	4	0
10/28/2015	23:00:01	2.69589	3.32412	6.02616	4.05607	45.3351	4	0
10/29/2015	0:00:00	2.84411	3.58745	4.89892	5.46411	45.5394	4	0
10/29/2015	1:00:00	3.14502	4.08967	8.26668	10.9726	45.5394	4	0
10/29/2015	2:00:01	3.41221	4.24204	7.13579	6.16016	45.7436	4	0
10/29/2015	3:00:01	3.59827	4.20828	7.62406	6.25648	45.1309	4	0
10/29/2015	4:00:01	3.80764	5.0625	8.33627	10.8578	45.7436	4	0
10/29/2015	5:00:00	3.95043	5.46452	7.74788	9.36122	45.5394	4	0
10/29/2015	6:00:00	4.09791	6.27334	7.67147	8.91974	45.5394	4	0
10/29/2015	7:00:01	4.18871	6.86822	7.37863	11.2477	45.3351	4	0
10/29/2015	8:00:01	4.68698	7.22724	11.9685	11.2741	44.9267	4	0
10/29/2015	9:00:01	5.11906	7.7472	11.6671	12.068	44.7225	4	0
10/29/2015	10:00:00	5.64577	8.39158	11.5859	12.1484	44.3141	4	0
10/29/2015	11:00:00	6.06327	8.79987	10.8166	1.02857	44.7225	4	0
10/29/2015	12:00:01	6.29379	8.99449	7.12815	10.4253	44.3141	4	0
10/29/2015	13:00:01	6.55029	8.99754	8.26535	6.61837	43.4972	4	0
10/29/2015	14:00:00	6.65598	9.05122	7.6831	11.9284	43.9057	4	0
10/29/2015	15:00:00	6.67858	9.12897	8.73613	14.083	43.9057	4	0
10/29/2015	16:00:00	7.15932	9.22951	9.81549	10.6029	44.5183	4	0
10/29/2015	17:00:01	7.40344	9.31091	8.90632	5.72585	44.3141	4	0
10/29/2015	18:00:01	7.76054	9.22081	6.75099	7.9058	44.3141	4	0
10/29/2015	19:00:00	8.04237	9.19153	7.20539	9.0738	44.5183	4	0
10/29/2015	20:00:00	8.04237	9.19153	7.20539	3.09317	44.7225	4	0
10/29/2015	21:00:00	7.90953	8.0925	5.17245	-0.189275	45.9478	4	0
10/29/2015	22:00:01	7.77984	7.25302	1.86176	0.167736	45.5394	4	0
10/29/2015	23:00:01	7.66926	6.65023	3.50906	2.7464	45.7436	4	0

10/30/2015	0:00:00	7.59383	6.32895	3.25369	7.9587	45.7436	4	0
10/30/2015	1:00:00	7.393	5.95215	3.73313	0.298939	45.7436	4	0
10/30/2015	2:00:00	7.27618	5.69586	4.55682	1.61997	45.9478	4	0
10/30/2015	3:00:01	7.08287	5.24781	3.2831	4.15528	45.9478	4	0
10/30/2015	4:00:01	6.84264	4.67238	2.75767	4.6508	46.7646	4	0
10/30/2015	5:00:00	6.6986	4.30002	4.25166	6.9795	46.7646	4	0
10/30/2015	6:00:00	6.54301	4.06331	3.78362	-0.111396	46.7646	4	0
10/30/2015	7:00:01	6.58299	4.14004	7.97212	16.2079	46.5604	4	0
10/30/2015	8:00:01	6.69021	4.82795	13.7636	4.5011	45.5394	4	0
10/30/2015	9:00:01	6.83605	5.59937	14.199	19.3649	45.7436	4	0
10/30/2015	10:00:00	6.84675	6.37171	10.7358	16.0549	44.7225	4	0
10/30/2015	11:00:00	6.86282	6.99492	10.8255	17.4028	44.7225	4	0
10/30/2015	12:00:01	6.74166	7.05078	3.58883	2.3821	44.1099	4	0
10/30/2015	13:00:01	6.36185	6.66713	-0.882575	0.202231	44.1099	4	0
10/30/2015	14:00:00	6.31042	6.82095	6.4502	6.73462	44.5183	4	0
10/30/2015	15:00:00	6.11009	6.8792	4.04013	4.9296	44.1099	4	0
10/30/2015	16:00:00	5.98209	7.22173	6.98301	10.0901	44.3141	4	0
10/30/2015	17:00:01	5.89051	7.43257	7.08839	6.94572	44.9267	4	0
10/30/2015	18:00:01	5.92648	7.75152	7.6858	9.20097	44.7225	4	0
10/30/2015	19:00:00	5.92648	7.75152	7.6858	12.1705	44.3141	4	0
10/30/2015	20:00:00	6.38241	7.89413	12.0934	12.5993	44.9267	4	0
10/30/2015	21:00:00	6.53013	7.42472	8.6758	4.29792	44.9267	4	0
10/30/2015	22:00:01	6.71699	7.05724	6.3567	5.09614	44.3141	4	0
10/30/2015	23:00:01	6.74924	6.51524	4.30558	4.36599	44.3141	4	0
10/31/2015	0:00:00	6.9798	6.94491	8.69287	7.64532	44.1099	4	0
10/31/2015	1:00:00	7.22069	7.82035	9.8097	6.00978	44.7225	4	0
10/31/2015	2:00:00	7.36184	7.94617	7.83373	7.53467	44.9267	4	0
10/31/2015	3:00:01	7.52603	8.21336	7.23984	10.1529	44.3141	4	0
10/31/2015	4:00:01	7.80294	8.41473	9.33717	10.9395	44.7225	4	0
10/31/2015	5:00:00	8.02945	8.63485	9.70901	10.4784	44.9267	4	0
10/31/2015	6:00:00	8.26167	8.78806	9.66879	11.8561	44.9267	4	0
10/31/2015	7:00:00	8.34222	8.63562	9.96901	6.60218	45.5394	4	0
10/31/2015	8:00:01	8.07337	8.26071	7.61835	9.5629	45.131	4	0
10/31/2015	9:00:01	7.77413	8.1216	6.82693	5.37566	44.7225	4	0
10/31/2015	10:00:00	7.48407	7.91461	3.9748	3.47857	45.9478	4	0
10/31/2015	11:00:00	7.28326	8.04068	5.59879	5.15806	44.9267	4	0

10/31/2015	12:00:01	7.38453	7.79987	5.58169	4.55024	45.1309	4	0
10/31/2015	13:00:01	7.74908	7.61731	7.5075	8.76668	44.3141	4	0
10/31/2015	14:00:01	7.80189	7.58625	7.34444	6.15422	44.5183	4	0
10/31/2015	15:00:00	8.00802	7.71518	8.73427	9.86687	43.9057	4	0
10/31/2015	16:00:00	8.16223	7.80315	10.326	11.6986	44.1099	4	0
10/31/2015	17:00:01	8.31813	7.89206	10.9103	9.35177	44.1099	4	0
10/31/2015	18:00:01	8.31606	7.72042	7.77856	7.59889	44.3141	4	0
10/31/2015	19:00:01	8.07169	7.39753	6.29314	5.21973	44.3141	4	0
10/31/2015	20:00:00	7.76777	7.18118	5.22588	2.7014	44.9267	4	0
10/31/2015	21:00:00	7.62291	7.04347	5.19042	9.33913	44.7225	4	0
10/31/2015	22:00:01	7.57734	7.15652	5.37201	3.97034	44.1099	4	0
10/31/2015	23:00:01	7.54345	7.01543	4.26893	0.227393	44.5183	4	0
11/1/2015	0:00:00	7.39699	6.99231	5.37653	9.56053	44.9267	4	0
11/1/2015	1:00:00	7.32702	7.05388	8.26235	4.58763	44.9267	4	0
11/1/2015	2:00:00	7.30564	7.06599	7.54289	6.52436	44.5183	4	0
11/1/2015	3:00:01	7.23657	6.82097	5.82631	4.55617	45.131	4	0
11/1/2015	4:00:01	7.08005	6.45343	5.92662	9.56687	45.1309	4	0
11/1/2015	5:00:00	6.90535	6.03791	5.91575	9.33111	45.1309	4	0
11/1/2015	6:00:00	6.77958	5.93652	6.34259	6.76664	44.9267	4	0
11/1/2015	7:00:01	6.64643	5.99054	6.94278	6.58098	45.9478	4	0
11/1/2015	8:00:01	6.98655	6.84976	15.3023	22.6036	45.131	4	0
11/1/2015	9:00:01	7.40565	7.79798	16.2128	19.682	44.7225	4	0
11/1/2015	10:00:00	7.6715	8.18068	9.48318	28.1652	44.9267	4	0
11/1/2015	11:00:00	0	0	0	0	21.8507	3	0
11/1/2015	12:00:00	0	0	0	-5.3392	21.0339	4	0
11/1/2015	13:00:00	0	0	0	1.46821	21.2381	4	0
11/1/2015	14:00:01	0	0	2.26921	5.08859	21.0339	4	0
11/1/2015	15:00:00	0	0	4.11597	9.30047	21.2381	4	0
11/1/2015	16:00:00	0	0	5.61857	7.23581	20.8297	4	0
11/1/2015	17:00:00	0	0	9.58961	18.7227	21.6465	4	0
11/1/2015	18:00:01	0	0	10.2729	9.15453	21.6465	4	0
11/1/2015	19:00:01	0	0	14.5242	11.7748	22.0549	4	0
11/1/2015	20:00:00	0	0	12.543	16.0623	21.8507	4	0
11/1/2015	21:00:00	0	0	9.27987	9.63332	22.4634	4	0
11/1/2015	22:00:00	0	0	6.94804	7.41898	22.0549	4	0
11/1/2015	23:00:01	0	0	6.48249	6.82552	21.8507	4	0

11/2/2015	0:00:01	0	7.34067	7.97091	7.77363	22.2592	4	0
11/2/2015	1:00:00	0	8.21528	9.6693	8.8568	22.4634	4	0
11/2/2015	2:00:00	0	8.7055	8.13043	8.11921	21.8507	4	0
11/2/2015	3:00:00	0	9.09858	9.05102	9.03923	22.2592	4	0
11/2/2015	4:00:01	0	9.397	9.20373	9.21007	22.6676	4	0
11/2/2015	5:00:00	0	9.26233	7.70467	7.16607	22.8718	4	0
11/2/2015	6:00:00	0	9.21038	9.40519	11.3075	22.2592	4	0
11/2/2015	7:00:00	0	8.78727	9.38874	9.72656	22.8718	4	0
11/2/2015	8:00:01	0	8.68179	10.5941	7.38963	23.076	4	0
11/2/2015	9:00:01	0	8.75689	9.50124	10.9983	22.6676	4	0
11/2/2015	10:00:00	0	8.8325	7.24413	8.41093	22.4634	4	0
11/2/2015	11:00:00	0	8.85247	6.25509	3.17739	22.2592	4	0
11/2/2015	12:00:00	0	8.66833	5.56259	6.18562	22.2592	4	0
11/2/2015	13:00:01	8.3604	8.26493	4.82284	5.35845	21.2381	4	0
11/2/2015	14:00:01	8.45972	7.94739	4.48001	5.17958	22.0549	4	0
11/2/2015	15:00:00	8.58305	7.75068	6.93215	7.91268	21.4423	4	0
11/2/2015	16:00:00	8.59229	7.47525	6.44329	10.2315	22.2592	4	0
11/2/2015	17:00:01	8.54393	7.62872	10.5241	17.6557	22.8718	4	0
11/2/2015	18:00:01	9.1857	9.02297	26.6911	24.0935	23.076	4	0
11/2/2015	19:00:01	9.20961	9.52619	15.9617	15.8081	23.2802	4	0
11/2/2015	20:00:00	9.21076	9.68918	12.5896	13.6621	23.076	4	0
11/2/2015	21:00:00	9.36187	10.0185	13.9509	16.4496	23.4844	4	0
11/2/2015	22:00:01	9.70497	10.7119	15.8297	16.1369	23.8929	4	0
11/2/2015	23:00:01	9.98049	11.296	13.2661	13.3286	24.0971	4	0
11/3/2015	0:00:00	10.1237	11.8141	12.0992	12.1652	24.3013	4	0
11/3/2015	1:00:00	10.2251	12.4363	12.4035	12.6807	24.5055	4	0
11/3/2015	2:00:01	10.4038	13.1102	12.6889	13.3326	24.5055	4	0
11/3/2015	3:00:01	10.5341	13.5646	12.2246	12.7448	24.7097	4	0
11/3/2015	4:00:00	10.6992	14.148	13.5714	13.5455	24.7097	4	0
11/3/2015	5:00:00	10.7122	13.9622	8.11365	6.79744	24.9139	4	0
11/3/2015	6:00:00	10.5434	12.2345	5.22614	6.61917	25.3223	4	0
11/3/2015	7:00:01	10.4544	11.5259	7.09268	6.6529	25.7308	4	0
11/3/2015	8:00:01	10.2879	11.0318	6.39278	5.60347	25.1181	4	0
11/3/2015	9:00:00	10.1312	10.3337	5.2279	6.29241	25.3223	4	0
11/3/2015	10:00:00	10.0841	9.49534	5.39678	3.56812	25.5265	4	0
11/3/2015	11:00:00	10.1554	9.02335	7.36475	6.17779	25.7308	4	0

11/3/2015	12:00:01	10.258	8.6192	6.89355	5.50621	25.1181	4	0
11/3/2015	13:00:01	10.4073	8.26779	8.26996	6.78519	25.3223	4	0
11/3/2015	14:00:00	10.4559	7.52324	3.14474	6.11434	25.3223	4	0
11/3/2015	15:00:00	10.4664	7.01111	6.07939	7.27572	24.5055	4	0
11/3/2015	16:00:00	10.5584	6.5754	8.76057	8.88639	24.5055	4	0
11/3/2015	17:00:01	10.6156	6.95512	13.1212	17.3894	25.3223	4	0
11/3/2015	18:00:01	10.1882	7.9338	17.2797	22.3064	25.1181	4	0
11/3/2015	19:00:00	10.3855	9.06119	20.7219	24.6585	25.7308	4	0
11/3/2015	20:00:00	10.7832	10.4172	23.168	24.7207	25.935	4	0
11/3/2015	21:00:01	10.872	11.3113	15.8959	10.7501	26.7518	4	0
11/3/2015	22:00:00	10.6258	11.6883	9.89723	9.98128	26.5476	4	0
11/3/2015	23:00:00	10.455	11.8597	9.75955	7.87957	26.956	4	0
11/4/2015	0:00:01	10.3748	12.1386	10.2157	11.1923	26.5476	4	0
11/4/2015	1:00:01	10.3269	12.3982	11.4225	13.6503	26.7518	4	0
11/4/2015	2:00:01	10.212	12.9782	10.2339	9.84254	26.5476	4	0
11/4/2015	3:00:00	10.0732	13.2273	9.02367	8.29505	26.3434	4	0
11/4/2015	4:00:00	9.83137	13.1749	8.30266	10.0488	26.956	4	0
11/4/2015	5:00:01	9.78565	12.688	7.17427	7.6805	26.956	4	0
11/4/2015	6:00:01	9.90144	11.9318	8.01475	7.05031	26.956	4	0
11/4/2015	7:00:00	9.99019	10.9917	9.17049	10.7658	27.5687	4	0
11/4/2015	8:00:00	10.2374	10.0879	12.0795	14.2898	27.5687	4	0
11/4/2015	9:00:00	10.6663	10.0265	14.7661	16.4678	27.5687	4	0
11/4/2015	10:00:01	10.983	10.259	12.4265	12.2927	27.1602	4	0
11/4/2015	11:00:01	11.2559	10.5733	13.274	15.207	27.7729	4	0
11/4/2015	12:00:00	11.5493	10.8046	12.3662	15.0322	27.3645	4	0
11/4/2015	13:00:00	11.9157	11.1306	14.2492	15.9095	26.956	4	0
11/4/2015	14:00:01	12.2665	11.1554	10.1956	7.54653	26.7518	4	0
11/4/2015	15:00:01	12.2736	10.9263	6.67257	6.60167	27.1603	4	0
11/4/2015	16:00:01	12.2712	10.9975	9.78625	10.2121	27.1603	4	0
11/4/2015	17:00:00	12.1392	11.2853	11.2727	12.9618	27.5687	4	0
11/4/2015	18:00:00	11.9844	11.7787	14.321	13.5661	28.5897	4	0
11/4/2015	19:00:01	11.8836	12.5561	18.7622	16.024	28.1813	4	0
11/4/2015	20:00:01	11.5029	12.7577	15.053	14.2828	28.3855	4	0
11/4/2015	21:00:00	11.2958	12.4793	12.2357	12.8039	28.3855	4	0
11/4/2015	22:00:00	11.3947	12.4738	12.5591	13.1969	28.5897	4	0
11/4/2015	23:00:00	11.5198	12.4626	13.557	13.5048	28.794	4	0

11/5/2015	0:00:01	11.674	12.6312	14.6933	16.2207	29.4066	4	0
11/5/2015	1:00:01	11.8324	12.7168	14.6788	17.4825	29.2024	4	0
11/5/2015	2:00:00	12.0088	13.1099	14.899	16.3213	29.2024	4	0
11/5/2015	3:00:00	12.204	13.7044	13.6226	13.6547	29.2024	4	0
11/5/2015	4:00:00	12.463	14.103	14.1876	13.3492	29.2024	4	0
11/5/2015	5:00:01	12.7329	14.3044	13.3457	11.6412	29.4066	4	0
11/5/2015	6:00:01	12.8346	14.005	10.6483	11.7007	29.6108	4	0
11/5/2015	7:00:00	12.9262	13.4136	11.4861	13.1039	29.4066	4	0
11/5/2015	8:00:00	12.9655	13.2233	12.1859	11.5519	29.4066	4	0
11/5/2015	9:00:01	12.7831	13.0421	9.59568	9.76705	29.4066	4	0
11/5/2015	10:00:01	12.7215	12.8723	10.0927	12.1721	29.4066	4	0
11/5/2015	11:00:01	12.7396	12.7795	11.4057	16.0089	28.9982	4	0
11/5/2015	12:00:00	12.7678	12.6315	13.2964	14.9881	28.9982	4	0
11/5/2015	13:00:00	12.7962	12.608	14.4622	14.6138	29.2024	4	0
11/5/2015	14:00:01	13.0818	12.78	17.5418	14.9938	29.4066	4	0
11/5/2015	15:00:01	13.5379	13.0971	17.7877	16.6748	29.2024	4	0
11/5/2015	16:00:02	13.8653	13.3822	18.0526	21.0373	30.0192	4	0
11/5/2015	17:00:00	14.1109	13.7265	18.0807	15.0383	29.815	4	0
11/5/2015	18:00:00	14.1834	14.1856	16.4557	14.3334	30.0192	4	0
11/5/2015	19:00:01	13.8405	14.1184	11.04	9.66587	30.4276	4	0
11/5/2015	20:00:01	13.5235	13.6981	6.96602	6.1028	30.2234	4	0
11/5/2015	21:00:00	13.3598	13.5707	7.81415	11.5021	30.2234	4	0
11/5/2015	22:00:00	13.2822	13.6229	10.6733	12.1054	30.0192	4	0
11/5/2015	23:00:00	13.1491	13.5311	9.95101	8.93203	29.815	4	0
11/6/2015	0:00:01	12.8919	13.1803	9.31423	9.30546	30.4276	4	0
11/6/2015	1:00:01	12.6971	12.8399	10.3729	12.6188	30.6319	4	0
11/6/2015	2:00:00	12.4658	12.3131	12.5365	7.733	31.0403	4	0
11/6/2015	3:00:00	12.1939	11.5583	9.55481	13.0264	30.8361	4	0
11/6/2015	4:00:01	11.8363	10.6609	7.88037	6.03047	30.8361	4	0
11/6/2015	5:00:01	11.5177	9.68709	6.14089	6.85879	30.6319	4	0
11/6/2015	6:00:01	11.2602	8.79426	5.78202	5.54544	31.2445	4	0
11/6/2015	7:00:00	11.0154	8.3772	5.87561	9.15962	31.6529	4	0
11/6/2015	8:00:00	10.9035	8.53076	8.35188	10.0185	31.6529	4	0
11/6/2015	9:00:01	10.9262	8.72363	9.92434	8.22237	31.4487	4	0
11/6/2015	10:00:01	10.8289	8.43258	6.52837	7.92294	31.4487	4	0
11/6/2015	11:00:01	10.633	8.17631	6.71379	5.53793	31.4487	4	0

11/6/2015	12:00:00	10.3639	7.93204	6.0035	4.15996	31.0403	4	0
11/6/2015	13:00:00	10.0556	7.64412	6.67424	6.79114	31.4487	4	0
11/6/2015	14:00:01	9.59849	7.14394	6.43301	7.42174	31.4487	4	0
11/6/2015	15:00:01	9.13997	6.87028	6.16432	7.4413	31.2445	4	0
11/6/2015	16:00:00	8.6552	6.7135	6.04951	7.15475	31.2445	4	0
11/6/2015	17:00:00	8.19513	6.76427	6.89116	7.45226	31.8571	4	0
11/6/2015	18:00:01	7.80698	6.88252	7.58179	5.69292	32.2656	4	0
11/6/2015	19:00:01	7.61652	6.91609	6.38146	8.2047	32.2656	4	0
11/6/2015	20:00:01	7.62775	6.8263	7.29916	11.216	32.2656	4	0
11/6/2015	21:00:00	7.74713	6.88885	10.6371	7.77336	32.4698	4	0
11/6/2015	22:00:00	7.69516	7.08826	8.74981	8.67671	32.4698	4	0
11/6/2015	23:00:01	7.75242	7.47512	11.5638	15.214	32.674	4	0
11/7/2015	0:00:01	7.83295	7.87554	10.6228	11.8653	33.0824	4	0
11/7/2015	1:00:00	7.73057	7.95903	7.71056	8.41763	33.2866	4	0
11/7/2015	2:00:00	7.63935	8.24779	9.77867	14.0973	33.0824	4	0
11/7/2015	3:00:00	7.71693	8.66434	11.0091	10.6145	32.8782	4	0
11/7/2015	4:00:01	7.892	9.1767	12.4228	11.1687	33.2866	4	0
11/7/2015	5:00:01	8.09004	9.52239	11.1897	11.4697	33.4908	4	0
11/7/2015	6:00:00	8.30915	9.82642	11.4389	10.5355	34.1035	4	0
11/7/2015	7:00:00	8.56188	10.2842	11.7276	12.5764	33.6951	4	0
11/7/2015	8:00:01	8.82934	10.8491	12.9396	13.3065	33.4908	4	0
11/7/2015	9:00:01	9.06932	11.224	14.3649	13.9139	32.2656	4	0
11/7/2015	10:00:01	9.25771	11.3728	9.77242	7.72232	32.674	4	0
11/7/2015	11:00:00	9.45161	11.3046	10.2129	11.3817	32.674	4	0
11/7/2015	12:00:00	9.56896	11.1312	8.63074	7.35722	33.4908	4	0
11/7/2015	13:00:01	9.63453	11.157	8.03658	11.0385	33.0824	4	0
11/7/2015	14:00:01	9.7407	11.0786	9.12141	8.27772	33.0824	4	0
11/7/2015	15:00:01	9.89001	10.9719	10.2133	10.1612	32.4698	4	0
11/7/2015	16:00:00	10.0261	10.7247	10.2137	13.1091	33.2866	4	0
11/7/2015	17:00:00	10.1789	10.7333	12.5375	13.289	33.695	4	0
11/7/2015	18:00:01	10.2505	10.5995	10.7255	10.9821	33.8993	4	0
11/7/2015	19:00:01	10.3671	10.3956	9.57237	10.2117	33.8993	4	0
11/7/2015	20:00:01	10.4661	10.1906	11.0956	11.051	34.5119	4	0
11/7/2015	21:00:00	10.4408	9.87871	10.7293	8.78759	35.1245	4	0
11/7/2015	22:00:00	10.5033	9.93277	10.2309	11.5338	35.3287	4	0
11/7/2015	23:00:01	10.3671	9.80346	8.50944	8.10184	34.9203	4	0

11/8/2015	0:00:00	10.4848	10.2155	13.3357	10.7307	35.3287	4	0
11/8/2015	1:00:01	10.5961	10.4589	11.0882	13.3581	35.7372	4	0
11/8/2015	2:00:00	10.7552	10.8529	13.6236	13.2511	36.1456	4	0
11/8/2015	3:00:00	10.8825	11.1926	14.0021	12.2883	35.9414	4	0
11/8/2015	4:00:01	10.9597	11.5151	13.4356	17.0057	35.9414	4	0
11/8/2015	5:00:01	11.0223	11.5942	13.8528	14.4065	36.7582	4	0
11/8/2015	6:00:00	11.0989	11.7972	12.7449	13.4322	36.1456	4	0
11/8/2015	7:00:00	11.0407	11.8565	10.0594	10.6103	36.3498	4	0
11/8/2015	8:00:01	11.2128	12.2401	14.1799	13.4202	35.7372	4	0
11/8/2015	9:00:01	11.3395	12.6977	15.1383	13.68	35.1245	4	0
11/8/2015	10:00:01	11.4566	12.7754	9.77291	7.72747	35.5329	4	0
11/8/2015	11:00:00	11.3401	12.626	6.33575	7.35162	34.7161	4	0
11/8/2015	12:00:00	11.25	11.9576	4.87292	4.56744	34.7161	4	0
11/8/2015	13:00:01	11.1777	11.4981	5.66121	4.9507	34.5119	4	0
11/8/2015	14:00:01	11.0671	10.8378	6.113	6.77934	34.5119	4	0
11/8/2015	15:00:00	10.9686	10.2784	7.94951	11.3991	34.3077	4	0
11/8/2015	16:00:00	10.948	9.9482	10.1984	10.3612	34.7161	4	0
11/8/2015	17:00:00	10.8418	9.68443	12.0735	11.9813	35.3287	4	0
11/8/2015	18:00:01	11.0141	9.89616	16.1859	26.2999	35.3287	4	0
11/8/2015	19:00:00	11.4733	10.8342	22.1929	21.1507	35.9414	4	0
11/8/2015	20:00:00	12.3153	12.2982	32.2749	33.0038	35.9414	4	0
11/8/2015	21:00:00	13.4286	14.1957	38.19	37.2424	36.3498	4	0
11/8/2015	22:00:01	14.0701	15.5484	26.0821	25.4842	36.554	4	0
11/8/2015	23:00:01	14.6034	16.8372	22.1745	27.6626	36.3498	4	0
11/9/2015	0:00:00	14.9159	18.2134	21.9382	23.0648	36.554	4	0
11/9/2015	1:00:00	15.2167	19.2688	17.8982	13.658	36.1456	4	0
11/9/2015	2:00:00	15.2215	19.97	15.5097	13.7309	37.7793	4	0
11/9/2015	3:00:01	15.2775	20.6097	15.3068	16.0568	37.7793	4	0
11/9/2015	4:00:01	15.4307	21.2384	18.108	16.3147	37.5751	4	0
11/9/2015	5:00:00	15.5691	21.7023	17.4098	15.9867	37.7793	4	0
11/9/2015	6:00:00	15.6986	21.7154	16.0089	16.4355	38.1877	4	0
11/9/2015	7:00:01	16.0983	21.5197	18.7514	21.2285	37.9835	4	0
11/9/2015	8:00:01	16.4904	20.7326	20.3345	19.6505	37.1667	4	0
11/9/2015	9:00:00	16.9156	19.4949	20.5791	25.0402	36.9625	4	0
11/9/2015	10:00:00	17.3699	18.8373	16.0834	16.227	36.554	4	0
11/9/2015	11:00:00	17.7965	18.1665	12.878	12.5935	35.533	4	0

11/9/2015	12:00:01	18.1368	17.2769	11.374	7.35068	35.9414	4	0
11/9/2015	13:00:01	18.2949	16.4543	8.22464	6.97302	36.1456	4	0
11/9/2015	14:00:00	18.4215	15.8329	8.53009	8.93743	35.7372	4	0
11/9/2015	15:00:00	18.4948	15.2614	8.83685	10.1988	35.9414	4	0
11/9/2015	16:00:01	18.9028	15.5008	23.0478	21.9243	36.3498	4	0
11/9/2015	17:00:01	18.9978	15.4017	18.5101	30.0997	36.3498	4	0
11/9/2015	18:00:01	19.1664	15.8585	23.0794	22.8614	37.1666	4	0
11/9/2015	19:00:00	19.4574	16.8804	32.8648	39.1535	37.7793	4	0
11/9/2015	20:00:00	19.1254	17.2822	26.0062	22.8281	37.9835	4	0
11/9/2015	21:00:01	18.6621	17.9607	29.6579	24.2922	37.9835	4	0
11/9/2015	22:00:01	18.6329	18.774	25.5959	27.4743	38.3919	4	0
11/9/2015	23:00:01	18.4231	19.2481	19.2052	21.8337	39.0046	4	0
11/10/2015	0:00:00	18.2706	19.9073	19.519	17.4129	39.413	4	0
11/10/2015	1:00:00	18.3651	20.9269	20.2168	24.4305	39.8214	4	0
11/10/2015	2:00:01	18.6651	22.1485	23.053	24.0872	39.6172	4	0
11/10/2015	3:00:01	18.8816	23.1711	21.1379	25.3508	39.6172	4	0
11/10/2015	4:00:01	19.0417	23.1717	22.1628	26.7062	39.8214	4	0
11/10/2015	5:00:00	19.3468	23.7518	24.9595	26.0621	40.0256	4	0
11/10/2015	6:00:00	19.5043	23.6267	22.6031	24.9356	40.2298	4	0
11/10/2015	7:00:01	19.6384	22.7331	20.4221	21.7462	40.2298	4	0
11/10/2015	8:00:01	19.9389	22.6895	21.9347	21.0421	39.413	4	0
11/10/2015	9:00:00	20.4224	22.7135	27.4869	35.333	39.2088	4	0
11/10/2015	10:00:00	21.3587	23.2942	26.5882	19.8283	37.7793	4	0
11/10/2015	11:00:00	21.2739	22.5353	10.7855	9.89541	37.9835	4	0
11/10/2015	12:00:01	21.2063	21.6309	9.21495	10.449	37.9835	4	0
11/10/2015	13:00:01	21.3934	20.9067	12.1439	12.0916	37.9835	4	0
11/10/2015	14:00:00	21.7255	20.1762	14.46	11.1814	38.1877	4	0
11/10/2015	15:00:00	21.8833	19.412	13.3715	12.6764	38.5962	4	0
11/10/2015	16:00:00	21.562	18.771	15.6544	21.5576	38.5962	4	0
11/10/2015	17:00:01	21.1795	17.6842	15.4633	19.8882	38.8004	4	0
11/10/2015	18:00:01	20.9733	17.4023	21.3436	28.3031	39.0046	4	0
11/10/2015	19:00:00	20.6666	17.9902	29.5755	31.4861	39.6172	4	0
11/10/2015	20:00:00	20.9794	18.9856	34.4917	38.3532	40.0256	4	0
11/10/2015	21:00:01	21.028	19.3298	32.0242	28.0844	40.4341	4	0
11/10/2015	22:00:01	20.8061	18.8451	19.8015	21.9971	39.8214	4	0
11/10/2015	23:00:01	21.1966	20.3684	28.8349	26.7179	40.2298	4	0

11/11/2015	0:00:00	21.5122	21.9224	27.8993	26.1153	40.2298	4	0
11/11/2015	1:00:00	21.7526	23.0342	24.0093	19.0638	40.4341	4	0
11/11/2015	2:00:01	21.5132	23.2947	16.5465	18.9373	40.6383	4	0
11/11/2015	3:00:01	21.1966	23.3771	14.0741	9.56158	40.0256	4	0
11/11/2015	4:00:00	20.9346	23.4627	16.2114	21.7002	39.8214	4	0
11/11/2015	5:00:00	20.5541	23.6201	18.1016	18.7258	40.2299	4	0
11/11/2015	6:00:01	20.3594	23.3003	15.6769	12.3575	40.0256	4	0
11/11/2015	7:00:01	20.2643	22.3543	18.0573	20.9477	40.2298	4	0
11/11/2015	8:00:01	20.1217	20.9233	16.4376	20.864	40.2299	4	0
11/11/2015	9:00:00	19.8552	19.86	18.3254	22.5283	40.0256	4	0
11/11/2015	10:00:00	19.6305	19.8579	19.3443	23.8423	40.0256	4	0
11/11/2015	11:00:01	20.1776	19.1742	19.5475	22.0071	39.413	4	0
11/11/2015	12:00:01	20.7139	18.6146	22.5034	20.1374	39.413	4	0
11/11/2015	13:00:00	21.0061	17.9746	15.8041	16.907	39.2088	4	0
11/11/2015	14:00:00	21.3564	18.3604	20.9783	23.9611	39.0046	4	0
11/11/2015	15:00:00	21.7477	19.0927	23.7048	25.3756	39.2088	4	0
11/11/2015	16:00:01	21.8238	19.2041	18.4839	15.8021	39.6172	4	0
11/11/2015	17:00:01	21.8073	18.8832	14.6867	14.9192	39.6172	4	0
11/11/2015	18:00:00	21.4552	18.6573	13.4033	14.1277	39.413	4	0
11/11/2015	19:00:00	20.9126	18.5573	17.1405	22.283	39.2088	4	0
11/11/2015	20:00:00	20.16	18.8682	22.505	13.4911	39.6172	4	0
11/11/2015	21:00:01	19.2877	18.4641	14.7746	7.58967	39.6172	4	0
11/11/2015	22:00:01	18.6269	17.1483	2.89408	7.83841	39.413	4	0
11/11/2015	23:00:00	17.8108	16.298	8.49716	8.66376	39.6172	4	0
11/12/2015	0:00:00	17.0937	15.3976	11.7262	17.7856	39.0046	4	0
11/12/2015	1:00:00	17.2327	16.5713	31.0284	26.9205	39.6172	4	0
11/12/2015	2:00:01	16.8431	15.6339	10.9659	5.4605	40.6383	4	0
11/12/2015	3:00:01	16.3935	14.1161	6.13419	5.69357	40.6383	4	0
11/12/2015	4:00:00	15.9265	13.066	5.62823	7.01276	40.4341	4	0
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11/12/2015	6:00:01	14.9348	11.7285	6.85623	11.0137	40.4341	4	0
11/12/2015	7:00:01	14.4701	10.8999	6.51889	7.86636	41.0467	4	0
11/12/2015	8:00:01	14.1168	9.7462	8.28088	7.45998	40.4341	4	0
11/12/2015	9:00:00	13.7146	9.25481	8.67893	6.51339	40.2298	4	0
11/12/2015	10:00:00	13.3922	9.98258	11.707	13.4358	40.6383	4	0
11/12/2015	11:00:01	13.1317	10.3892	13.3468	13.5725	40.6383	4	0

11/12/2015	12:00:28	0 TTB Cal	0	0	0	10.0064	1	0
11/12/2015	13:00:01	0	0	0	0	21.6465	4	0
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11/12/2015	16:00:01	0	0	6.89665	8.26514	21.6465	4	0
11/12/2015	17:00:01	0	0	10.229	8.47476	21.4423	4	0
11/12/2015	18:00:00	0	0	9.67832	8.67522	21.8507	4	0
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11/12/2015	21:00:01	0	0	7.19116	8.98452	22.4634	4	0
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11/13/2015	1:00:01	0	0	6.85127	6.80319	23.076	4	0
11/13/2015	2:00:00	0	0	7.29233	7.26366	23.076	4	0
11/13/2015	3:00:00	0	8.03064	5.93315	5.92405	23.076	4	0
11/13/2015	4:00:01	0	8.04588	6.99097	8.11142	23.4844	4	0
11/13/2015	5:00:01	0	7.8232	7.296	4.49499	23.6886	4	0
11/13/2015	6:00:01	0	7.61233	7.04678	8.43122	23.4844	4	0
11/13/2015	7:00:00	0	7.33244	7.25036	8.46046	23.2802	4	0
11/13/2015	8:00:00	0	7.52623	9.12723	9.45962	23.076	4	0
11/13/2015	9:00:01	0	7.74093	9.43801	9.59577	22.8718	4	0
11/13/2015	10:00:01	0	7.56216	6.43297	5.75351	22.4634	4	0
11/13/2015	11:00:00	0	7.6764	9.6276	6.88038	23.4844	4	0
11/13/2015	12:00:00	0	7.48034	5.61868	5.9072	22.8718	4	0
11/13/2015	13:00:01	0	7.44423	6.44303	6.92483	22.8718	4	0
11/13/2015	14:00:01	7.7736	7.36679	6.41126	6.40422	22.6676	4	0
11/13/2015	15:00:01	7.82231	7.50947	7.8158	7.59997	22.8718	4	0
11/13/2015	16:00:00	7.89224	7.65349	9.03939	12.9	22.8718	4	0
11/13/2015	17:00:00	8.00572	8.15811	13.9036	10.0382	23.076	4	0
11/13/2015	18:00:01	7.98462	8.36273	10.0305	8.94314	23.4844	4	0
11/13/2015	19:00:01	7.81572	8.3223	7.10845	7.35488	24.0971	4	0
11/13/2015	20:00:02	7.80733	8.15314	7.28124	7.75694	23.8929	4	0
11/13/2015	21:00:00	7.82045	7.98484	7.19483	8.6256	23.6886	4	0
11/13/2015	22:00:00	7.76376	8.0921	7.93052	9.04998	23.8929	4	0
11/13/2015	23:00:01	7.71919	7.91559	7.51429	7.88248	24.0971	4	0

11/14/2015	0:00:01	7.71516	8.12683	8.0321	9.40861	24.3013	4	0
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11/14/2015	2:00:00	7.78053	8.39003	8.26143	9.00856	24.5055	4	0
11/14/2015	3:00:00	7.88453	8.46256	8.61691	8.45637	24.7097	4	0
11/14/2015	4:00:01	7.92379	8.37987	7.76446	7.82	24.5055	4	0
11/14/2015	5:00:01	8.00152	8.00532	9.08941	9.87729	24.5055	4	0
11/14/2015	6:00:00	8.00152	8.00532	9.08941	10.2896	25.3223	4	0
11/14/2015	7:00:00	8.16016	8.08382	8.55426	8.92792	24.9139	4	0
11/14/2015	8:00:01	8.32588	8.49157	11.3597	12.699	24.0971	4	0
11/14/2015	9:00:01	8.26495	8.48921	6.44967	4.20442	23.6886	4	0
11/14/2015	10:00:00	8.25855	8.2881	4.9701	4.39069	23.4844	4	0
11/14/2015	11:00:00	8.30243	8.47974	9.26828	14.1674	23.4844	4	0
11/14/2015	12:00:01	8.71784	9.03728	14.3163	14.0241	23.2802	4	0
11/14/2015	13:00:01	9.07495	9.59017	14.1728	15.9244	23.076	4	0
11/14/2015	14:00:01	9.37593	9.99237	13.1441	13.0258	23.2802	4	0
11/14/2015	15:00:00	9.7206	10.5729	15.7423	18.504	23.2802	4	0
11/14/2015	16:00:00	10.0495	11.3539	17.9436	19.1014	23.8929	4	0
11/14/2015	17:00:01	10.0889	11.8632	16.1803	18.9719	23.6886	4	0
11/14/2015	18:00:01	10.3376	12.4206	16.4002	18.2246	24.0971	4	0
11/14/2015	19:00:01	10.7013	13.0083	15.8184	16.6566	23.6886	4	0
11/14/2015	20:00:00	11.0153	13.3264	16.4496	17.1656	24.3013	4	0
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11/14/2015	22:00:01	11.6199	14.9022	14.2116	13.771	24.0971	4	0
11/14/2015	23:00:01	11.8	15.1524	12.7484	15.5863	24.3013	4	0
11/15/2015	0:00:00	12.009	15.0761	13.2046	13.9097	25.3223	4	0
11/15/2015	1:00:00	12.1326	14.8476	11.727	14.6569	25.1181	4	0
11/15/2015	2:00:00	12.2688	14.7956	13.0189	16.7259	25.3223	4	0
11/15/2015	3:00:01	12.4161	14.5806	13.1602	14.5556	26.1392	4	0
11/15/2015	4:00:01	12.6394	14.2398	13.3474	17.0563	25.935	4	0
11/15/2015	5:00:00	12.8229	14.0571	13.4541	16.4748	26.1392	4	0
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11/15/2015	8:00:01	13.2705	13.4221	13.3857	12.7197	26.3434	4	0
11/15/2015	9:00:01	13.8285	13.5511	17.1943	17.5677	27.1603	4	0
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11/15/2015	11:00:00	14.6869	13.9455	13.1978	10.9054	26.5476	4	0

11/15/2015	12:00:00	14.6915	13.9417	12.4845	15.2568	26.3434	4	0
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11/15/2015	14:00:01	14.5345	13.6998	10.688	13.6615	26.1392	4	0
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11/15/2015	17:00:01	13.8518	13.27	14.6717	12.824	26.956	4	0
11/15/2015	18:00:01	13.7728	13.4279	15.3944	20.3191	26.956	4	0
11/15/2015	19:00:00	13.8246	13.7303	17.5404	16.8765	27.3645	4	0
11/15/2015	20:00:00	13.7629	13.8549	15.2447	18.5274	27.5687	4	0
11/15/2015	21:00:00	13.6602	13.6792	15.7489	13.7568	27.7729	4	0
11/15/2015	22:00:01	13.6055	13.382	12.0149	12.7212	27.5687	4	0
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11/16/2015	0:00:01	13.5397	13.3828	14.0369	15.853	28.1813	4	0
11/16/2015	1:00:00	13.663	13.7594	15.7713	18.1738	27.9771	4	0
11/16/2015	2:00:00	13.8723	14.3741	17.4416	18.2089	27.7729	4	0
11/16/2015	3:00:01	13.9189	14.741	14.1984	14.8876	28.5897	4	0
11/16/2015	4:00:01	14.0736	15.0501	16.5617	14.7743	28.1813	4	0
11/16/2015	5:00:00	14.1773	15.1819	16.0751	17.609	28.5897	4	0
11/16/2015	6:00:00	14.2081	15.0518	13.7665	11.5814	28.1813	4	0
11/16/2015	7:00:01	14.1607	14.6298	12.3565	13.347	29.2024	4	0
11/16/2015	8:00:01	14.2189	14.6035	14.7927	16.5311	29.4066	4	0
11/16/2015	9:00:01	14.1984	14.6563	15.9737	17.8736	29.2024	4	0
11/16/2015	10:00:00	14.3151	15.2361	19.0758	20.728	29.4066	4	0
11/16/2015	11:00:00	14.4725	15.634	16.9204	17.3558	29.6108	4	0
11/16/2015	12:00:01	14.5795	15.6982	14.8645	14.7432	29.2024	4	0
11/16/2015	13:00:01	14.6999	15.4851	12.9732	15.7158	29.4066	4	0
11/16/2015	14:00:01	14.6763	14.9315	11.9378	11.4711	29.815	4	0
11/16/2015	15:00:00	14.6272	14.5193	9.74404	10.7418	29.6108	4	0
11/16/2015	16:00:00	14.4916	13.9712	9.91273	11.0789	29.2024	4	0
11/16/2015	17:00:01	14.21	13.2855	7.83021	8.95817	29.815	4	0
11/16/2015	18:00:01	13.851	12.6961	6.64837	5.17875	29.6108	4	0
11/16/2015	19:00:02	13.4128	12.2529	7.06775	9.1856	30.0192	4	0
11/16/2015	20:00:00	13.0174	11.516	6.04046	6.09522	29.815	4	0
11/16/2015	21:00:00	12.7442	10.9233	8.46185	10.0885	30.2234	4	0
11/16/2015	22:00:01	12.6067	10.0695	8.74482	5.53971	29.815	4	0
11/16/2015	23:00:01	12.4426	9.32378	7.74532	8.08245	30.4277	4	0

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11/17/2015	1:00:00	11.8502	8.30159	6.97995	9.03501	30.4277	4	0
11/17/2015	2:00:01	11.4153	7.88567	6.90331	8.08309	29.815	4	0
11/17/2015	3:00:01	11.1348	7.66479	6.98045	9.37052	30.6319	4	0
11/17/2015	4:00:01	10.7225	7.41921	7.12443	8.60466	30.0192	4	0
11/17/2015	5:00:00	10.434	7.51199	8.89108	5.31923	30.2234	4	0
11/17/2015	6:00:00	10.0616	7.35544	4.76565	5.17777	30.4277	4	0
11/17/2015	7:00:01	9.8351	7.31725	6.51022	4.70217	30.8361	4	0
11/17/2015	8:00:01	9.48909	7.33433	6.1586	4.24619	30.6319	4	0
11/17/2015	9:00:01	9.11989	7.21598	7.0791	7.39059	30.4277	4	0
11/17/2015	10:00:00	8.6109	7.03757	6.53921	7.78937	29.815	4	0
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11/17/2015	12:00:00	7.8355	6.78164	5.38281	6.89222	30.0192	4	0
11/17/2015	13:00:00	7.51065	6.60286	4.66295	5.38568	30.4277	4	0
11/17/2015	14:00:01	7.26665	6.53095	6.01933	7.90389	30.2234	4	0
11/17/2015	15:00:01	7.18815	6.60514	7.88846	9.77331	30.2234	4	0
11/17/2015	16:00:01	7.17503	6.82159	9.83894	8.8126	29.815	4	0
11/17/2015	17:00:00	7.32859	7.03914	11.6208	12.5943	29.815	4	0
11/17/2015	18:00:00	7.53732	7.613	11.6254	11.6621	30.2234	4	0
11/17/2015	19:00:01	7.76237	8.0962	12.172	14.4323	29.815	4	0
11/17/2015	20:00:01	7.95485	8.4874	11.088	11.7117	30.6319	4	0
11/17/2015	21:00:00	8.04797	8.78315	10.5097	11.7301	29.815	4	0
11/17/2015	22:00:00	8.1704	9.22848	12.0347	14.1133	30.2234	4	0
11/17/2015	23:00:00	8.31592	9.5308	11.2349	12.2989	30.0192	4	0
11/18/2015	0:00:01	8.37458	9.91554	10.231	9.69898	30.6319	4	0
11/18/2015	1:00:01	8.39728	10.1524	7.28154	6.40196	30.4276	4	0
11/18/2015	2:00:00	8.46143	10.3544	8.27425	10.4245	30.6319	4	0
11/18/2015	3:00:00	8.49037	10.3444	7.83044	10.2564	30.2234	4	0
11/18/2015	4:00:00	8.39269	9.91513	4.44943	-3.55213	30.6319	4	0
11/18/2015	5:00:01	8.33075	9.56919	7.51274	8.00416	30.0192	4	0
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11/18/2015	7:00:00	8.57448	8.99626	7.92054	9.38202	30.4277	4	0
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11/18/2015	9:00:01	8.413	8.028	4.9609	4.92748	30.4277	4	0
11/18/2015	10:00:00	8.40986	7.55824	6.35612	6.61412	30.4277	4	0
11/18/2015	11:00:00	8.45401	7.36561	9.05603	10.3641	31.0403	4	0

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11/18/2015	13:00:01	8.74214	7.33377	8.73156	10.1083	30.6319	4	0
11/18/2015	14:00:00	8.81812	7.29301	7.72056	7.62835	30.8361	4	0
11/18/2015	15:00:00	8.89977	7.46386	9.86941	9.60399	30.8361	4	0
11/18/2015	16:00:00	8.87725	7.88606	9.60773	8.77017	30.6319	4	0
11/18/2015	17:00:01	8.75882	8.07348	10.3518	9.82978	31.2445	4	0
11/18/2015	18:00:01	8.48837	7.79734	5.8403	1.49469	31.4487	4	0
11/18/2015	19:00:00	8.21016	7.61841	5.86052	0.068755	31.0403	4	0
11/18/2015	20:00:00	7.95666	7.53217	4.32068	2.9701	31.4487	4	0
11/18/2015	21:00:01	7.86432	7.81409	8.43174	7.71596	31.2445	4	0
11/18/2015	22:00:01	7.59151	7.73722	5.39015	7.68901	31.4487	4	0
11/18/2015	23:00:01	7.38981	7.5305	6.65354	8.27649	31.2445	4	0
11/19/2015	0:00:00	7.174	7.25382	5.20198	7.28051	31.2445	4	0
11/19/2015	1:00:00	7.10695	7.0106	5.74244	7.21851	31.8571	4	0
11/19/2015	2:00:01	7.01754	6.88833	6.23683	5.20433	32.0613	4	0
11/19/2015	3:00:01	7.02558	6.73983	7.85268	8.99392	31.6529	4	0
11/19/2015	4:00:01	7.23742	6.73239	9.18786	10.0515	31.4487	4	0
11/19/2015	5:00:00	7.36868	6.77424	10.862	14.8882	32.2656	4	0
11/19/2015	6:00:00	7.61202	7.52976	15.1024	16.9685	32.4698	4	0
11/19/2015	7:00:01	8.03319	8.56475	18.6512	20.6895	32.4698	4	0
11/19/2015	8:00:01	8.63983	9.89481	20.4333	22.3064	33.0824	4	0
11/19/2015	9:00:01	9.23917	10.7985	18.9304	21.0197	32.674	4	0
11/19/2015	10:00:00	9.50532	11.4027	12.5831	10.1371	32.674	4	0
11/19/2015	11:00:00	9.65539	11.8633	11.6136	13.7263	32.2656	4	0
11/19/2015	12:00:01	9.71265	12.2349	9.59832	8.41183	32.4698	4	0
11/19/2015	13:00:01	9.72745	12.487	8.47996	10.3359	32.0613	4	0
11/19/2015	14:00:00	9.72158	12.5942	7.7717	4.85057	32.4698	4	0
11/19/2015	15:00:00	9.59235	12.4842	6.52748	6.21569	32.4698	4	0
11/19/2015	16:00:01	9.54676	12.4277	8.89848	10.7347	32.674	4	0
11/19/2015	17:00:01	9.44097	12.1843	8.48939	6.51371	32.4698	4	0
11/19/2015	18:00:01	9.5687	11.6955	9.52449	9.17564	33.695	4	0
11/19/2015	19:00:00	9.57704	10.6664	6.35116	4.98109	33.2866	4	0
11/19/2015	20:00:00	9.98825	10.1566	14.1173	6.14996	33.4908	4	0
11/19/2015	21:00:01	9.92968	9.16874	6.91255	6.63534	33.0824	4	0
11/19/2015	22:00:01	10.0119	8.74331	7.39858	9.29345	32.8782	4	0
11/19/2015	23:00:00	10.0419	8.4018	7.41284	8.0009	33.4908	4	0

11/20/2015	0:00:00	10.1264	8.25156	7.93037	8.09189	33.2866	4	0
11/20/2015	1:00:01	10.2233	8.23587	8.23302	8.37335	33.695	4	0
11/20/2015	2:00:01	10.3128	8.29727	8.44	10.0315	34.1035	4	0
11/20/2015	3:00:01	10.2797	8.35764	7.30793	6.61406	34.1035	4	0
11/20/2015	4:00:00	10.205	8.23668	7.38382	7.7583	33.4908	4	0
11/20/2015	5:00:00	10.0917	8.19417	7.88857	5.72378	33.695	4	0
11/20/2015	6:00:00	9.79825	8.04172	7.56381	7.30706	34.1035	4	0
11/20/2015	7:00:01	9.33502	8.12308	7.3924	6.59235	34.1035	4	0
11/20/2015	8:00:01	8.90909	7.72676	8.84997	10.3694	33.695	4	0
11/20/2015	9:00:00	8.55328	7.96403	9.50289	7.20873	33.8993	4	0
11/20/2015	10:00:00	8.45846	8.16768	9.57971	8.71925	32.8782	4	0
11/20/2015	11:00:01	8.26735	8.1265	6.98051	3.82468	33.6951	4	0
11/20/2015	12:00:01	8.06293	7.84804	4.6667	5.3778	33.4908	4	0
11/20/2015	13:00:00	7.91346	7.53375	4.26849	7.74025	33.4908	4	0
11/20/2015	14:00:00	7.77518	7.18303	4.23584	4.91529	33.2866	4	0
11/20/2015	15:00:00	7.82644	7.21223	7.74008	8.51715	33.4908	4	0
11/20/2015	16:00:01	7.73204	7.14201	6.64786	3.72369	33.695	4	0
11/20/2015	17:00:01	7.62292	6.96603	5.86889	9.91704	33.695	4	0
11/20/2015	18:00:00	7.64904	7.18639	10.3744	18.9974	34.1035	4	0
11/20/2015	19:00:00	7.79251	7.38537	9.8901	7.31624	33.695	4	0
11/20/2015	20:00:00	7.56128	7.37062	8.85512	12.0288	33.8993	4	0
11/20/2015	21:00:01	7.60544	7.25749	8.30048	6.72756	34.1035	4	0
11/20/2015	22:00:01	7.6134	7.12192	8.15848	3.73782	34.3077	4	0
11/20/2015	23:00:00	7.50057	6.92793	4.56862	2.07385	34.5119	4	0
11/21/2015	0:00:00	7.35958	6.91177	4.4039	3.6256	34.5119	4	0
11/21/2015	1:00:00	7.16424	6.85202	3.53537	4.7433	34.9203	4	0
11/21/2015	2:00:01	6.99711	6.86406	4.30767	2.52186	34.9203	4	0
11/21/2015	3:00:01	6.85504	6.53998	3.69379	4.3969	34.5119	4	0
11/21/2015	4:00:00	6.77909	6.45163	5.52411	5.32628	34.5119	4	0
11/21/2015	5:00:00	6.61727	6.30317	4.07928	3.57447	34.7161	4	0
11/21/2015	6:00:01	6.47331	5.78435	4.073	3.92028	35.1245	4	0
11/21/2015	7:00:01	6.49976	5.64461	8.23448	9.18329	34.9203	4	0
11/21/2015	8:00:01	6.21354	5.05955	1.72252	3.51942	34.9203	4	0
11/21/2015	9:00:00	6.07314	4.87985	6.16575	4.01712	35.1245	4	0
11/21/2015	10:00:00	5.75427	4.35421	1.88849	0.821807	34.9203	4	0
11/21/2015	11:00:01	5.74872	4.56899	7.25692	5.02447	35.3287	4	0

11/21/2015	12:00:01	5.87503	4.85008	7.81014	8.33384	34.9203	4	0
11/21/2015	13:00:00	5.963	5.08353	6.32353	7.99849	35.7372	4	0
11/21/2015	14:00:00	6.06376	5.27953	6.66559	6.78527	35.3287	4	0
11/21/2015	15:00:00	6.04907	5.59616	7.60208	7.88276	35.533	4	0
11/21/2015	16:00:01	6.03803	5.67203	6.47227	7.63498	35.7372	4	0
11/21/2015	17:00:01	6.06522	5.88056	6.65367	6.72463	35.533	4	0
11/21/2015	18:00:01	5.8972	6.0741	6.58341	5.59256	35.7372	4	0
11/21/2015	19:00:00	5.74265	5.91055	6.33844	8.35994	36.3498	4	0
11/21/2015	20:00:00	5.60608	6.23217	5.95234	6.26653	36.9624	4	0
11/21/2015	21:00:01	5.55923	6.31703	7.193	5.52358	36.3498	4	0
11/21/2015	22:00:01	5.51542	6.73911	7.18351	7.58799	36.3498	4	0
11/21/2015	23:00:00	5.61685	6.72894	7.02353	8.1085	36.9624	4	0
11/22/2015	0:00:00	5.74846	6.72072	7.56118	6.98863	37.1666	4	0
11/22/2015	1:00:00	5.86973	6.74738	6.65769	7.01113	37.7793	4	0
11/22/2015	2:00:01	5.95732	6.74437	6.66438	6.96535	38.1877	4	0
11/22/2015	3:00:01	6.11046	6.7346	7.21671	5.89306	38.3919	4	0
11/22/2015	4:00:00	O Amren Power	0	0	0	37.9835	1	0
11/22/2015	5:00:00	0	0	0	0	38.5961	3	0
11/22/2015	6:00:00	0	0	0	9.00769	38.1877	4	0
11/22/2015	7:00:01	0	0	0	6.46573	38.1877	4	0
11/22/2015	8:00:01	0	0	8.44764	8.54431	37.3709	4	0
11/22/2015	9:00:01	0	0	9.35112	10.5603	37.3709	4	0
11/22/2015	10:00:00	0	0	0	0	37.1667	1	0
11/22/2015	11:00:01	0	0	0	0	36.7582	3	0
11/22/2015	12:00:00	0	0	0	4.98354	36.1456	4	0
11/22/2015	13:00:00	0	0	0	7.89801	36.7582	4	0
11/22/2015	15:00:00	0	0	0	0	32.674	1	33554496
11/22/2015	16:00:01	0	0	0	0	36.3498	3	0
11/22/2015	17:00:00	0	0	0	7.40847	36.7582	4	0
11/22/2015	18:00:00	0	0	0	5.792	36.554	4	0
11/22/2015	19:00:01	0	0	7.36105	6.64659	36.554	4	0
11/22/2015	20:00:01	0	0	4.22782	5.22271	36.3498	4	0
11/22/2015	21:00:01	0	0	5.09992	5.28724	36.1456	4	0
11/22/2015	22:00:00	0	0	4.21548	3.10705	36.3498	4	0
11/22/2015	23:00:00	0	0	5.0999	5.81901	36.554	4	0
11/23/2015	0:00:01	0	0	3.10681	3.11575	36.9625	4	0

11/23/2015	1:00:01	0	0	4.34301	4.58944	36.554	4	0
11/23/2015	2:00:00	0	0	4.40664	4.34781	37.1667	4	0
11/23/2015	3:00:00	0	0	4.7229	3.34038	36.554	4	0
11/23/2015	4:00:00	0	0	5.20786	6.19091	36.554	4	0
11/23/2015	5:00:01	0	0	6.67366	5.58703	36.9625	4	0
11/23/2015	6:00:01	0	5.09628	6.78629	7.19619	36.7582	4	0
11/23/2015	7:00:00	0	5.14863	8.14664	7.73339	37.9835	4	0
11/23/2015	8:00:00	0	5.7084	10.7019	16.991	36.554	4	0
11/23/2015	9:00:01	0	6.23697	11.2097	11.6026	36.1456	4	0
11/23/2015	10:00:01	0	6.81057	10.9045	12.2537	36.1456	4	0
11/23/2015	11:00:00	0	7.21495	9.77689	10.1094	36.1456	4	0
11/23/2015	12:00:00	0	7.21495	9.77689	8.48645	35.7372	4	0
11/23/2015	13:00:00	0	8.32212	10.5274	13.9178	35.9414	4	0
11/23/2015	14:00:01	0	9.27995	15.7883	15.9928	35.533	4	0
11/23/2015	15:00:01	0	9.90496	12.6013	9.56802	36.1456	4	0
11/23/2015	16:00:00	0	10.5015	12.8623	12.5242	35.7372	4	0
11/23/2015	17:00:00	0	10.8955	11.9665	12.7316	36.554	4	0
11/23/2015	18:00:01	8.13735	11.1642	11.0211	11.1502	36.9625	4	0
11/23/2015	19:00:01	8.33009	11.4855	12.3378	14.8423	37.1667	4	0
11/23/2015	20:00:01	8.60433	11.4999	11.143	11.7795	36.9624	4	0
11/23/2015	21:00:00	8.76559	11.3291	9.43892	9.42828	37.7793	4	0
11/23/2015	22:00:00	9.03954	11.3355	11.0088	8.61297	37.1666	4	0
11/23/2015	23:00:01	9.27511	11.4346	10.9865	12.8355	37.5751	4	0
11/24/2015	0:00:01	9.57926	11.5424	11.1146	12.7077	38.1877	4	0
11/24/2015	1:00:01	9.79444	11.4763	9.35182	10.9334	38.1877	4	0
11/24/2015	2:00:00	9.99372	10.9829	9.54629	11.2234	38.1877	4	0
11/24/2015	3:00:00	10.2075	10.7934	10.0782	9.07689	37.7793	4	0
11/24/2015	4:00:01	10.2939	10.3782	7.80625	10.1194	38.3919	4	0
11/24/2015	5:00:01	10.4938	10.3153	10.4844	12.0306	37.7793	4	0
11/24/2015	6:00:00	10.6994	10.3638	11.2741	11.208	38.3919	4	0
11/24/2015	7:00:00	10.8406	10.2907	11.1894	12.5353	38.1877	4	0
11/24/2015	8:00:01	10.9225	10.4079	12.382	11.8761	37.5751	4	0
11/24/2015	9:00:01	11.1892	11.0073	15.8737	16.0374	37.1667	4	0
11/24/2015	10:00:00	11.4143	11.3681	14.6698	15.3822	37.7793	4	0
11/24/2015	11:00:00	11.79	11.9492	17.5093	19.3834	36.9625	4	0
11/24/2015	12:00:01	11.9701	12.1055	12.6309	9.87017	37.1667	4	0

11/24/2015	13:00:01	12.0137	12.2588	11.2906	10.1665	37.1667	4	0
11/24/2015	14:00:01	11.7872	12.3089	10.5426	11.3327	37.3709	4	0
11/24/2015	15:00:00	11.6649	12.2543	9.76395	9.99125	36.7582	4	0
11/24/2015	16:00:00	11.4974	12.34	9.24225	12.0727	36.7582	4	0
11/24/2015	17:00:01	11.4558	12.3875	11.6403	11.8889	37.1667	4	0
11/24/2015	18:00:01	11.4754	12.4045	11.8364	8.34584	37.3709	4	0
11/24/2015	19:00:00	11.4632	12.4691	12.1541	13.4308	37.7793	4	0
11/24/2015	20:00:00	11.4407	12.3031	10.4487	9.50726	37.7793	4	0
11/24/2015	21:00:01	11.4992	11.8762	10.8964	11.4814	37.5751	4	0
11/24/2015	22:00:01	11.4423	11.5042	10.7105	11.4692	37.7793	4	0
11/24/2015	23:00:00	11.4767	11.041	11.8181	12.8936	37.7793	4	0
11/25/2015	0:00:00	11.5755	11.0599	12.0248	12.3732	37.5751	4	0
11/25/2015	1:00:00	11.7484	11.2195	12.7684	10.8636	36.554	4	0
11/25/2015	2:00:01	11.9287	11.4802	13.3467	11.8397	37.1667	4	0
11/25/2015	3:00:01	12.0492	11.7455	12.7607	13.6203	36.9625	4	0
11/25/2015	4:00:00	12.1528	11.8939	11.5955	8.932	37.1667	4	0
11/25/2015	5:00:00	12.1325	11.7788	10.4039	11.4415	37.3709	4	0
11/25/2015	6:00:01	12.1114	11.705	11.0419	12.1804	37.3709	4	0
11/25/2015	7:00:01	12.142	11.7125	12.4724	13.8537	37.3709	4	0
11/25/2015	8:00:01	12.1777	11.9357	12.8966	14.986	37.7793	4	0
11/25/2015	9:00:00	12.0454	12.0763	12.3488	8.90975	36.7582	4	0
11/25/2015	10:00:00	11.8686	12.0408	10.2056	11.6851	36.9625	4	0
11/25/2015	11:00:01	11.6543	12.0593	11.8434	12.2249	36.3498	4	0
11/25/2015	12:00:01	11.654	12.1135	12.8874	15.8945	36.9624	4	0
11/25/2015	13:00:00	11.6817	12.0158	11.3547	13.411	36.9624	4	0
11/25/2015	14:00:00	11.8107	12.0361	13.6436	11.0876	36.9625	4	0
11/25/2015	15:00:01	11.9677	12.1	13.5775	17.446	36.7582	4	0
11/25/2015	16:00:01	12.0855	12.1327	12.0325	12.7477	36.9624	4	0
11/25/2015	17:00:00	12.1669	12.3982	13.6033	13.7724	36.7582	4	0
11/25/2015	18:00:00	12.3235	12.7955	16.0431	13.9046	36.7582	4	0
11/25/2015	19:00:00	12.3715	12.8872	13.9163	12.1558	37.1667	4	0
11/25/2015	20:00:01	12.4996	12.9355	13.4987	15.7988	37.1667	4	0
11/25/2015	21:00:01	12.6244	13.0701	14.0317	10.3974	37.5751	4	0
11/25/2015	22:00:00	12.6832	13.2347	12.1198	13.7569	37.1667	4	0
11/25/2015	23:00:00	12.7633	13.4162	14.1293	14.5972	37.7793	4	0
11/26/2015	0:00:01	12.7354	13.3406	12.5414	13.2145	37.9835	4	0

11/26/2015	1:00:01	12.642	13.2992	11.0382	12.503	37.1667	4	0
11/26/2015	2:00:00	12.5444	13.0996	11.3223	11.7744	37.5751	4	0
11/26/2015	3:00:00	12.4961	12.9012	10.6211	8.65315	37.9835	4	0
11/26/2015	4:00:01	12.5201	12.9061	11.8508	12.6433	38.1877	4	0
11/26/2015	5:00:01	12.5815	12.7415	11.2482	12.8582	37.5751	4	0
11/26/2015	6:00:00	12.5946	12.3408	11.0686	11.1732	37.3709	4	0
11/26/2015	7:00:00	12.5415	12.1242	11.3701	12.3889	37.1667	4	0
11/26/2015	8:00:00	12.5177	12.0059	11.8264	13.8168	36.7582	4	0
11/26/2015	9:00:01	12.5117	11.841	11.9623	13.5851	36.7582	4	0
11/26/2015	10:00:01	12.5913	11.8474	12.3082	12.7718	37.3709	4	0
11/26/2015	11:00:00	12.5477	11.5706	10.9096	10.3923	37.5751	4	0
11/26/2015	12:00:00	12.5681	11.5847	12.3432	13.4642	36.9624	4	0
11/26/2015	13:00:00	12.5448	11.5209	10.0737	10.5506	36.7582	4	0
11/26/2015	14:00:01	12.5332	11.6688	13.1174	14.0674	37.1666	4	0
11/26/2015	15:00:01	12.5154	11.8607	12.8837	13.0981	37.1666	4	0
11/26/2015	16:00:00	12.5286	11.9222	12.9974	12.6257	37.1666	4	0
11/26/2015	17:00:00	12.4704	12.0102	12.4873	12.3697	36.9624	4	0
11/26/2015	18:00:01	12.2724	12.0343	11.4172	10.1111	37.3709	4	0
11/26/2015	19:00:01	12.1233	11.9932	11.3961	12.2368	37.1667	4	0
11/26/2015	20:00:00	11.9789	11.8664	10.5399	10.2309	37.7793	4	0
11/26/2015	21:00:00	11.788	11.6637	9.54195	9.36789	36.9624	4	0
11/26/2015	22:00:00	11.6503	11.3996	9.4247	10.7203	37.5751	4	0
11/26/2015	23:00:01	11.4878	11.3936	11.3073	9.26741	37.5751	4	0
11/27/2015	0:00:01	11.2829	11.0004	7.41784	8.23031	37.1667	4	0
11/27/2015	1:00:00	11.1355	10.7968	7.52077	8.49451	37.1667	4	0
11/27/2015	2:00:00	10.9834	10.4515	9.74284	1.94498	37.3709	4	0
11/27/2015	3:00:01	10.5321	9.47505	1.83064	4.7687	38.3919	4	0
11/27/2015	4:00:01	10.2066	8.74796	3.98709	2.0555	38.1877	4	0
11/27/2015	5:00:01	9.7902	7.88024	2.1607	3.3998	38.8004	4	0
11/27/2015	6:00:00	9.44201	7.23093	3.69544	1.4855	39.0046	4	0
11/27/2015	7:00:00	9.04456	6.4851	2.32749	5.56724	39.6172	4	0
11/27/2015	8:00:01	8.70852	5.95426	3.98319	4.12429	39.6172	4	0
11/27/2015	9:00:01	8.36406	5.45608	3.23637	3.79473	39.413	4	0
11/27/2015	10:00:00	8.02289	5.02818	4.071	9.34427	39.8214	4	0
11/27/2015	11:00:00	7.66155	4.27808	1.97197	1.65959	39.413	4	0
11/27/2015	12:00:00	7.2796	3.89088	2.55939	2.01286	39.8214	4	0

11/27/2015	13:00:01	7.0322	3.63084	4.23846	6.8362	40.2298	4	0
11/27/2015	14:00:01	6.65381	3.12824	3.4629	5.21959	39.8214	4	0
11/27/2015	15:00:00	6.33086	3.35531	4.58606	5.55234	39.8214	4	0
11/27/2015	16:00:00	6.0589	3.53199	6.08896	7.78993	39.413	4	0
11/27/2015	17:00:01	5.84365	3.92837	6.95446	10.3546	39.8214	4	0
11/27/2015	18:00:01	5.71295	4.27999	7.92785	5.32822	40.4341	4	0
11/27/2015	19:00:00	5.52747	4.61412	6.30431	5.70091	40.2298	4	0
11/27/2015	20:00:00	5.31951	4.71033	5.12251	7.06833	39.6172	4	0
11/27/2015	21:00:00	5.17338	4.91955	5.79005	4.38559	40.4341	4	0
11/27/2015	22:00:01	5.00078	4.99305	4.9521	1.58601	40.6383	4	0
11/27/2015	23:00:01	4.71823	5.17246	4.17875	7.15493	40.4341	4	0
11/28/2015	0:00:00	4.61989	5.35908	4.76594	6.53874	40.2298	4	0
11/28/2015	1:00:01	4.47451	5.32299	3.81687	4.08648	40.4341	4	0
11/28/2015	2:00:00	4.26521	5.40333	4.4498	6.15184	40.2299	4	0
11/28/2015	3:00:00	4.39404	5.43556	4.93135	6.01596	40.4341	4	0
11/28/2015	4:00:01	4.41381	5.29983	4.5032	5.28437	40.2298	4	0
11/28/2015	5:00:01	4.50372	5.08202	4.26744	4.64838	40.6383	4	0
11/28/2015	6:00:01	4.56332	4.84918	5.15479	6.02126	40.2298	4	0
11/28/2015	7:00:00	4.64279	4.68131	4.30181	4.56008	40.6383	4	0
11/28/2015	8:00:00	4.67018	4.63795	4.55549	5.64226	40.4341	4	0
11/28/2015	9:00:01	4.71703	4.51943	4.3638	5.47672	40.2299	4	0
11/28/2015	10:00:01	4.73508	4.47379	4.33799	1.42555	39.8214	4	0
11/28/2015	11:00:00	4.85071	4.51421	4.61288	5.47704	39.8214	4	0
11/28/2015	12:00:00	4.88432	4.39093	3.25416	5.2187	40.0256	4	0
11/28/2015	13:00:01	4.89794	4.45187	4.54873	2.49465	39.6172	4	0
11/28/2015	14:00:01	4.97491	4.52061	5.27746	6.42713	40.0256	4	0
11/28/2015	15:00:00	4.98507	4.51007	4.8187	3.31303	40.2298	4	0
11/28/2015	16:00:00	5.00964	4.69534	6.77641	6.69988	40.4341	4	0
11/28/2015	17:00:00	4.94762	4.79501	5.46509	2.54537	39.8214	4	0
11/28/2015	18:00:01	4.84251	4.81807	5.46012	7.32576	40.2298	4	0
11/28/2015	19:00:01	4.91562	5.1361	8.19036	8.48845	39.8214	4	0
11/28/2015	20:00:00	5.06136	5.47551	8.65602	11.1046	40.0256	4	0
11/28/2015	21:00:00	5.15448	5.78687	8.22224	9.09131	40.0256	4	0
11/28/2015	22:00:01	5.23727	6.00733	7.05817	7.31776	41.0467	4	0
11/28/2015	23:00:01	5.32077	6.13712	6.11269	6.91601	40.6383	4	0
11/29/2015	0:00:00	5.44617	6.51731	7.90619	9.02287	41.0467	4	0

11/29/2015	1:00:00	5.55197	6.66883	6.33641	5.70753	40.6383	4	0
11/29/2015	2:00:01	5.72183	6.94395	8.61323	8.13275	40.8425	4	0
11/29/2015	3:00:01	5.77518	7.06294	6.26516	5.19136	40.6383	4	0
11/29/2015	4:00:01	5.83538	7.00094	6.07012	7.14963	40.6383	4	0
11/29/2015	5:00:00	5.88782	7.00736	5.47489	7.12744	41.2509	4	0
11/29/2015	6:00:00	5.8975	7.00087	5.28354	8.69037	41.0467	4	0
11/29/2015	7:00:01	5.98148	6.84657	6.23532	5.05086	41.2509	4	0
11/29/2015	8:00:01	6.15066	6.8487	8.66355	10.5271	41.4551	4	0
11/29/2015	9:00:00	6.27911	6.77289	7.09276	9.15321	41.2509	4	0
11/29/2015	10:00:00	6.43734	6.84127	7.60595	7.1931	40.4341	4	0
11/29/2015	11:00:00	6.6143	7.04815	8.34259	10.1129	40.2298	4	0
11/29/2015	12:00:00	6.77407	6.96023	6.77021	6.80895	40.2298	4	0
11/29/2015	13:00:00	6.80093	6.85613	5.10137	8.37766	40.2298	4	0
11/29/2015	14:00:01	6.95321	6.86933	8.85293	8.52142	40.0256	4	0
11/29/2015	15:00:01	7.13404	7.09336	8.91169	12.9106	39.413	4	0
11/29/2015	16:00:00	7.33555	7.55421	11.7144	11.2334	40.2298	4	0
11/29/2015	17:00:00	7.60979	8.1097	12.3502	14.0551	40.0256	4	0
11/29/2015	18:00:01	7.74695	8.39047	8.62358	8.852	40.0256	4	0
11/29/2015	19:00:01	7.79031	8.65458	9.71064	10.5372	40.2298	4	0
11/29/2015	20:00:01	7.79161	8.64643	8.59781	6.96728	40.4341	4	0
11/29/2015	21:00:00	7.79089	8.74727	8.48764	8.72929	40.0256	4	0
11/29/2015	22:00:00	7.81274	8.73913	7.40733	8.97179	40.2298	4	0
11/29/2015	23:00:01	7.81753	8.56446	6.25846	8.67925	40.4341	4	0
11/30/2015	0:00:01	7.76733	8.57448	7.0143	9.43232	40.4341	4	0
11/30/2015	1:00:01	7.76561	8.68013	6.37464	5.55804	40.6383	4	0
11/30/2015	2:00:01	7.6508	8.44152	5.97407	3.33127	40.8425	4	0
11/30/2015	3:00:01	7.70522	8.33989	7.68313	8.41633	41.0467	4	0
11/30/2015	4:00:00	7.81221	8.09397	8.72738	12.2379	41.0467	4	0
11/30/2015	5:00:00	7.87431	7.64475	6.86282	8.10954	40.8425	4	0
11/30/2015	6:00:01	8.00294	7.63274	8.49744	9.34539	40.8425	4	0
11/30/2015	7:00:01	8.15675	7.65806	10.0339	10.9725	41.2509	4	0
11/30/2015	8:00:00	8.21122	7.77994	10.0238	11.7767	41.2509	4	0
11/30/2015	9:00:00	8.42205	8.08475	12.0963	14.6618	40.8425	4	0
11/30/2015	10:00:00	8.61809	8.49622	12.3278	14.9976	41.6593	4	0
11/30/2015	11:00:01	8.77635	9.00403	12.5226	11.2654	41.0467	4	0
11/30/2015	12:00:01	9.00576	9.40051	11.2551	7.32609	41.0467	4	0

11/30/2015	13:00:00	9.38671	10.0229	13.4495	14.7254	40.8425	4	0
11/30/2015	14:00:00	9.3892	10.2604	8.72415	11.9214	40.4341	4	0
11/30/2015	15:00:01	9.3799	10.341	8.69138	7.78718	40.8425	4	0
11/30/2015	16:00:01	9.25564	10.3421	8.8374	9.788	41.0467	4	0
11/30/2015	17:00:01	9.05976	10.4193	7.95787	6.49198	41.0467	4	0
11/30/2015	18:00:00	9.0422	10.3937	8.26482	6.78664	40.8425	4	0
11/30/2015	19:00:00	8.95538	10.1875	7.55777	7.48292	41.4551	4	0
11/30/2015	20:00:01	8.94292	10.037	8.23453	11.4841	41.0467	4	0
11/30/2015	21:00:01	8.86406	9.56914	6.50943	4.95369	40.4341	4	0
11/30/2015	22:00:00	8.86312	9.13573	7.06532	11.5768	41.0467	4	0
11/30/2015	23:00:00	8.98685	8.83465	8.9393	8.58838	41.2509	4	0
12/1/2015	0:00:01	8.99058	8.46549	6.75611	5.05177	40.6383	4	0
12/1/2015	1:00:01	8.88213	7.64578	3.6672	3.60364	40.4341	4	0
12/1/2015	2:00:01	8.82197	7.31207	4.88962	2.76783	40.4341	4	0
12/1/2015	3:00:00	8.6743	6.93755	4.25011	3.34655	40.8425	4	0
12/1/2015	4:00:00	8.42246	6.45688	3.2662	-1.0853	41.0467	4	0
12/1/2015	5:00:01	8.30437	6.12431	3.96448	7.22461	40.4341	4	0
12/1/2015	6:00:01	8.05912	5.68536	3.15696	3.2921	41.2509	4	0
12/1/2015	7:00:00	8.05912	5.68536	3.15696	4.60005	41.2509	4	0
12/1/2015	8:00:00	7.4797	4.96834	4.12419	7.33642	41.8635	4	0
12/1/2015	9:00:01	0	0	0	0	22.8718	1	0
12/1/2015	10:00:00	0	0	0	0	22.8718	3	0
12/1/2015	11:00:00	0	0	0	-3.81605	23.076	4	0
12/1/2015	12:00:00	0	0	0	-3.44962	22.0549	4	0
12/1/2015	13:00:00	0	0	-0.216788	2.34684	22.8718	4	0
12/1/2015	14:00:01	0	0	1.01511	2.3294	23.2802	4	0
12/1/2015	15:00:01	0	0	2.33088	-3.76094	22.4634	4	0
12/1/2015	16:00:00	0	0	0.143153	5.88323	22.8718	4	0
12/1/2015	17:00:00	0	0	3.76438	5.81566	23.4844	4	0
12/1/2015	18:00:00	0	0	5.35808	4.40865	23.6886	4	0
12/1/2015	19:00:01	0	0	4.89579	7.70661	23.4844	4	0
12/1/2015	20:00:01	0	0	2.93081	-2.48591	23.6886	4	0
12/1/2015	21:00:00	0	0	6.15433	8.135	23.2802	4	0
12/1/2015	22:00:00	0	0	5.37197	8.62789	23.2802	4	0
12/1/2015	23:00:01	0	0	5.13708	4.24011	23.8929	4	0
12/2/2015	0:00:01	0	3.48259	4.8324	3.99076	23.6886	4	0

12/2/2015	1:00:00	0	3.82909	4.01729	2.21613	23.4844	4	0
12/2/2015	2:00:00	0	4.11573	4.47035	4.19471	23.8929	4	0
12/2/2015	3:00:01	0	4.36317	5.35326	4.77576	24.3013	4	0
12/2/2015	4:00:01	0	4.66744	3.86899	5.08091	23.8929	4	0
12/2/2015	5:00:01	0	4.78987	5.25027	5.31001	24.5055	4	0
12/2/2015	6:00:01	0	4.80638	5.54554	5.77808	23.8928	4	0
12/2/2015	7:00:01	0	4.95872	6.66035	6.26042	25.1181	4	0
12/2/2015	8:00:00	0	5.312	7.13187	9.40336	24.0971	4	0
12/2/2015	9:00:00	0	5.35833	6.74913	8.98689	24.3013	4	0
12/2/2015	10:00:01	0	5.51236	7.09192	8.95008	24.5055	4	0
12/2/2015	11:00:01	0	5.62961	6.51345	7.25813	24.5055	4	0
12/2/2015	12:00:00	4.56883	5.65714	5.19221	5.29125	24.3013	4	0
12/2/2015	13:00:00	4.77945	5.72995	4.87161	6.97401	24.5055	4	0
12/2/2015	14:00:01	5.00355	5.89525	6.49922	5.63767	24.7097	4	0
12/2/2015	15:00:01	5.19289	6.03066	7.15116	6.46937	25.1181	4	0
12/2/2015	16:00:01	5.49558	6.32818	7.37166	7.29894	24.9139	4	0
12/2/2015	17:00:00	5.60888	6.43719	6.70499	6.84476	25.1181	4	0
12/2/2015	18:00:00	5.66553	6.53385	6.74089	4.30395	25.3223	4	0
12/2/2015	19:00:01	5.73767	6.52795	6.5202	7.53113	25.3223	4	0
12/2/2015	20:00:01	5.8963	6.50171	6.85149	6.97534	25.3223	4	0
12/2/2015	21:00:00	5.90397	6.46951	6.42061	7.13885	25.5265	4	0
12/2/2015	22:00:00	5.99998	6.51916	7.63478	7.3089	25.5266	4	0
12/2/2015	23:00:01	6.06833	6.55281	7.02575	6.34551	25.3223	4	0
12/3/2015	0:00:01	6.14505	6.67936	6.72543	5.67849	25.3223	4	0
12/3/2015	1:00:00	6.29174	6.90369	7.54352	7.02764	26.1392	4	0
12/3/2015	2:00:00	6.49158	7.14847	9.55631	10.1313	26.1392	4	0
12/3/2015	3:00:00	6.66128	7.32664	9.0317	7.95158	25.935	4	0
12/3/2015	4:00:01	6.86496	7.44542	8.73389	8.62944	25.7308	4	0
12/3/2015	5:00:00	7.02593	7.64313	8.99726	8.91139	25.935	4	0
12/3/2015	6:00:00	7.09617	7.68881	7.33941	6.52239	26.1392	4	0
12/3/2015	7:00:00	7.12142	7.75369	7.33353	8.42396	26.5476	4	0
12/3/2015	8:00:01	7.10122	7.73413	6.59305	7.94297	25.7308	4	0
12/3/2015	9:00:01	7.09121	7.74059	6.50249	7.7659	26.1392	4	0
12/3/2015	10:00:00	7.06075	7.6312	6.29468	5.30831	26.5476	4	0
12/3/2015	11:00:00	7.02923	7.52033	5.67494	7.97113	26.7518	4	0
12/3/2015	12:00:01	6.97631	7.2808	3.79736	2.85009	26.3434	4	0

12/3/2015	13:00:01	7.04105	7.17643	6.17874	10.012	26.3434	4	0
12/3/2015	14:00:00	7.113	7.05631	8.1249	10.3721	26.5476	4	0
12/3/2015	15:00:00	7.16097	6.99192	8.26931	7.17437	27.1603	4	0
12/3/2015	16:00:01	7.36127	7.2731	12.1019	12.3629	26.956	4	0
12/3/2015	17:00:01	7.6161	7.60297	13.0902	16.0975	26.7518	4	0
12/3/2015	18:00:00	7.79335	7.91006	11.0728	10.3148	27.1602	4	0
12/3/2015	19:00:00	7.84494	7.94091	7.68202	6.0724	26.7518	4	0
12/3/2015	20:00:00	7.81465	7.893	5.94704	6.30356	27.3645	4	0
12/3/2015	21:00:01	7.81474	7.88848	6.50316	9.2533	27.3645	4	0
12/3/2015	22:00:00	7.83204	8.06297	8.76391	9.76405	27.9771	4	0
12/3/2015	23:00:00	7.93455	8.37291	9.3053	8.16899	27.9771	4	0
12/4/2015	0:00:00	7.92688	8.60655	6.70254	7.13218	27.5687	4	0
12/4/2015	1:00:01	7.93374	8.74168	7.90222	6.58039	27.7729	4	0
12/4/2015	2:00:01	7.80679	8.61039	6.51806	6.01521	28.3855	4	0
12/4/2015	3:00:00	7.76104	8.58655	7.98669	6.45156	28.5897	4	0
12/4/2015	4:00:00	7.73618	8.26265	8.11242	6.36756	28.5897	4	0
12/4/2015	5:00:01	7.68498	7.83278	7.94059	7.69099	28.794	4	0
12/4/2015	6:00:01	7.6858	7.53028	7.37507	7.07013	28.9981	4	0
12/4/2015	7:00:00	7.70244	7.54915	7.99043	8.29368	28.9981	4	0
12/4/2015	8:00:00	7.81171	7.79825	8.64071	8.2866	29.2024	4	0
12/4/2015	9:00:01	8.07847	8.28245	11.7153	7.86647	28.1813	4	0
12/4/2015	10:00:01	8.22403	8.3327	9.02115	10.6906	28.1813	4	0
12/4/2015	11:00:01	8.59379	8.72758	13.6958	12.436	28.1813	4	0
12/4/2015	12:00:00	8.94851	9.14295	11.217	10.2634	27.7729	4	0
12/4/2015	13:00:00	9.10376	9.28691	9.58869	9.73806	28.3855	4	0
12/4/2015	14:00:01	9.19793	9.59247	10.1083	10.7115	27.9771	4	0
12/4/2015	15:00:01	9.18809	9.60027	8.37928	9.5185	28.3855	4	0
12/4/2015	16:00:01	9.02805	9.6289	8.85546	8.9248	28.1813	4	0
12/4/2015	17:00:00	8.74542	9.54329	7.80216	8.30305	28.3855	4	0
12/4/2015	18:00:00	8.7437	9.86919	11.7647	13.595	28.5897	4	0
12/4/2015	19:00:01	8.88415	10.1279	11.3885	12.262	28.9982	4	0
12/4/2015	20:00:01	9.06482	10.264	10.4623	11.3048	28.9982	4	0
12/4/2015	21:00:00	9.28478	10.2786	12.0933	14.4521	28.9982	4	0
12/4/2015	22:00:00	9.29684	10.3137	9.83237	10.063	30.2234	4	0
12/4/2015	23:00:01	9.18009	9.75635	7.20536	6.25743	30.4277	4	0
12/5/2015	0:00:01	9.16358	9.38466	6.7407	6.21769	30.4277	4	0

12/5/2015	1:00:00	9.08514	9.10946	6.11219	6.98495	30.8361	4	0
12/5/2015	2:00:00	9.08823	8.83558	6.52629	5.70407	30.6319	4	0
12/5/2015	3:00:01	9.01456	8.67806	6.37159	6.63359	30.4277	4	0
12/5/2015	4:00:01	8.85814	8.32979	4.58412	4.08811	30.8361	4	0
12/5/2015	5:00:01	8.74985	8.1243	5.11633	3.98057	30.4276	4	0
12/5/2015	6:00:00	8.66778	7.625	5.71804	7.08183	30.2234	4	0
12/5/2015	7:00:00	8.57571	7.16464	5.64165	6.07079	31.0403	4	0
12/5/2015	8:00:01	8.41959	6.72841	5.19978	5.34607	31.0403	4	0
12/5/2015	9:00:01	8.21445	6.27972	6.49327	6.57737	31.0403	4	0
12/5/2015	10:00:01	8.13988	6.0198	6.44978	8.65525	31.2445	4	0
12/5/2015	11:00:00	7.89115	5.94308	5.80091	3.23815	30.0192	4	0
12/5/2015	12:00:00	7.7047	5.89711	6.10493	8.36761	30.2234	4	0
12/5/2015	13:00:01	7.64911	6.05504	8.03943	8.14215	30.0192	4	0
12/5/2015	14:00:01	7.56487	6.12311	7.16799	7.29758	29.815	4	0
12/5/2015	15:00:00	7.55254	6.27913	8.4962	11.0893	30.6319	4	0
12/5/2015	16:00:00	7.60539	6.75431	10.4815	11.3326	30.0192	4	0
12/5/2015	17:00:01	7.71323	7.20401	10.6885	12.7386	30.8361	4	0
12/5/2015	18:00:01	7.66234	7.60842	10.7171	11.7309	31.6529	4	0
12/5/2015	19:00:00	7.76756	8.30044	14.0922	10.8518	31.8571	4	0
12/5/2015	20:00:00	7.72	8.64739	9.54102	9.33422	31.0403	4	0
12/5/2015	21:00:00	7.55976	8.7976	8.54912	9.05378	31.2445	4	0
12/5/2015	22:00:01	7.5417	9.03673	9.24683	8.95951	31.6529	4	0
12/5/2015	23:00:01	7.63301	9.34311	9.53577	9.75409	32.0614	4	0
12/6/2015	0:00:00	7.76352	9.66436	9.96842	9.43074	32.0613	4	0
12/6/2015	1:00:00	7.84854	9.68024	8.13402	8.09995	32.0614	4	0
12/6/2015	2:00:00	8.03272	9.9869	10.3236	10.5164	31.6529	4	0
12/6/2015	3:00:01	8.14794	10.0652	9.76682	7.5871	32.2656	4	0
12/6/2015	4:00:01	8.32581	9.94057	8.95919	7.70759	32.2656	4	0
12/6/2015	5:00:00	8.45866	9.7528	8.43419	6.43811	32.4698	4	0
12/6/2015	6:00:00	8.64384	9.71775	10.2957	9.21659	32.2656	4	0
12/6/2015	7:00:01	8.82701	9.40289	10.4362	10.5138	32.4698	4	0
12/6/2015	8:00:01	9.1015	9.54555	10.5759	12.2279	32.4698	4	0
12/6/2015	9:00:00	9.4623	10.0411	13.8008	10.2089	31.6529	4	0
12/6/2015	10:00:00	9.71457	10.2639	11.3887	14.713	31.4487	4	0
12/6/2015	11:00:01	10.0703	10.6118	13.3136	13.3402	31.6529	4	0
12/6/2015	12:00:01	10.2573	10.6603	10.8714	9.06892	32.2656	4	0

12/6/2015	13:00:00	10.3873	10.8948	10.9418	11.4532	31.8571	4	0
12/6/2015	14:00:00	10.5668	10.9584	11.0055	11.4717	31.6529	4	0
12/6/2015	15:00:00	10.7391	11.1907	12.8193	11.6724	32.4698	4	0
12/6/2015	16:00:01	10.8261	11.4924	12.8247	14.8005	31.8571	4	0
12/6/2015	17:00:01	10.9759	12.0374	15.9467	16.7173	32.2656	4	0
12/6/2015	18:00:00	11.0638	12.2877	14.1264	15.9109	33.0824	4	0
12/6/2015	19:00:00	11.1977	12.8598	17.4892	20.9726	33.2866	4	0
12/6/2015	20:00:01	11.4163	13.2519	16.0583	14.2539	33.8993	4	0
12/6/2015	21:00:01	11.8068	13.5933	17.6775	23.3047	33.695	4	0
12/6/2015	22:00:00	11.9489	13.7319	13.2928	13.662	33.695	4	0
12/6/2015	23:00:00	12.0071	13.5745	11.5188	8.53067	34.1035	4	0
12/7/2015	0:00:01	12.0125	13.529	10.1732	11.2899	34.1035	4	0
12/7/2015	1:00:01	12.0918	13.4968	10.7617	13.5291	34.7161	4	0
12/7/2015	2:00:01	12.1033	13.4878	10.7747	13.9195	34.9203	4	0
12/7/2015	3:00:00	12.2335	13.5155	12.8174	13.0099	35.1245	4	0
12/7/2015	4:00:01	12.3829	13.5268	12.8228	13.8962	34.9203	4	0
12/7/2015	5:00:01	12.3812	12.9548	9.22614	10.1147	35.1245	4	0
12/7/2015	6:00:01	12.3682	12.6035	9.42459	8.3915	35.9414	4	0
12/7/2015	7:00:00	12.3265	11.9375	9.08281	8.11449	35.533	4	0
12/7/2015	8:00:00	12.2358	11.3126	8.50475	11.332	35.1245	4	0
12/7/2015	9:00:01	12.0141	10.552	8.4372	7.45434	34.7161	4	0
12/7/2015	10:00:01	11.8763	10.0933	7.5795	6.54234	35.7372	4	0
12/7/2015	11:00:00	11.6348	9.72066	6.87042	7.71266	35.3287	4	0
12/7/2015	12:00:00	11.5133	9.48581	7.08771	11.4177	35.9414	4	0
12/7/2015	13:00:00	11.3562	9.13494	6.35811	7.30235	35.3287	4	0
12/7/2015	14:00:01	11.3065	9.02817	9.51996	10.7128	35.1245	4	0
12/7/2015	15:00:01	11.2263	8.78446	9.63058	11.3835	34.7161	4	0
12/7/2015	16:00:00	11.2431	8.75108	12.3422	16.1279	34.9203	4	0
12/7/2015	17:00:00	11.075	8.96742	12.0146	9.26247	35.3287	4	0
12/7/2015	18:00:01	11.0338	9.26124	13.0282	13.8153	35.533	4	0
12/7/2015	19:00:01	10.7581	9.41757	11.165	12.5779	34.9203	4	0
12/7/2015	20:00:00	10.7581	9.41757	11.165	10.6281	35.1245	4	0
12/7/2015	21:00:00	10.0817	9.42929	8.74141	7.44925	35.533	4	0
12/7/2015	22:00:01	10.0991	9.91851	13.288	9.73876	35.3287	4	0
12/7/2015	23:00:01	10.1195	10.3516	12.1301	10.5738	35.3287	4	0
12/8/2015	0:00:01	10.0964	10.5604	9.57707	11.8283	35.533	4	0

12/8/2015	1:00:00	9.95877	10.6844	8.19027	7.606	35.533	4	0
12/8/2015	2:00:00	10.0678	11.0066	13.3746	16.2069	35.3287	4	0
12/8/2015	3:00:01	10.0587	11.2683	12.8339	11.3994	35.3287	4	0
12/8/2015	4:00:01	10.0671	11.3484	13.4729	13.9915	35.7372	4	0
12/8/2015	5:00:00	10.0671	11.3484	13.4729	11.1221	34.9203	4	0
12/8/2015	6:00:00	10.2501	11.2085	12.0363	12.7001	35.7372	4	0
12/8/2015	7:00:01	10.3369	11.2261	11.5578	13.0507	36.1456	4	0
12/8/2015	8:00:01	10.466	11.4887	10.9449	11.9268	35.7372	4	0
12/8/2015	9:00:00	10.6353	11.7969	12.228	10.6872	35.9414	4	0
12/8/2015	10:00:00	11.0059	12.0276	15.4982	19.9674	35.1245	4	0
12/8/2015	11:00:00	11.0997	11.7449	8.33908	11.3726	34.7161	4	0
12/8/2015	12:00:01	11.2838	11.8765	10.7972	10.9881	35.3287	4	0
12/8/2015	13:00:01	11.5127	12.1608	11.4235	10.9864	35.1245	4	0
12/8/2015	14:00:00	11.6302	12.0277	11.4116	14.3822	34.3077	4	0
12/8/2015	15:00:00	11.6662	11.8605	11.4376	9.71963	34.5119	4	0
12/8/2015	16:00:01	11.7018	11.843	13.5658	18.004	34.5119	4	0
12/8/2015	17:00:01	11.7087	11.9011	12.4523	13.6454	34.5119	4	0
12/8/2015	18:00:01	11.6169	11.8246	11.5658	13.024	34.5119	4	0
12/8/2015	19:00:00	11.6909	11.9242	12.7664	11.9394	34.9203	4	0
12/8/2015	20:00:00	11.9497	12.1761	13.7476	15.1318	34.7161	4	0
12/8/2015	21:00:01	11.9919	11.9906	10.5045	9.60888	35.3287	4	0
12/8/2015	22:00:01	11.9054	11.6351	11.3959	12.4799	35.1245	4	0
12/8/2015	23:00:00	11.9491	12.0435	13.197	17.0185	35.3287	4	0
12/9/2015	0:00:00	12.1129	12.267	13.4169	12.3354	35.533	4	0
12/9/2015	1:00:01	12.3647	12.4986	14.1336	14.3717	35.7372	4	0
12/9/2015	2:00:01	12.4247	12.81	15.1975	19.1186	35.1245	4	0
12/9/2015	3:00:01	12.4904	13.1388	16.1631	15.4175	35.7372	4	0
12/9/2015	4:00:00	12.5446	13.282	15.5235	17.4201	35.533	4	0
12/9/2015	5:00:00	12.6723	13.513	15.6033	16.6834	36.1456	4	0
12/9/2015	6:00:01	12.6723	13.6196	13.4579	12.5243	35.9414	4	0
12/9/2015	7:00:01	12.6801	13.592	12.7939	14.2903	36.9624	4	0
12/9/2015	8:00:00	12.7378	13.4826	12.0195	17.7506	36.7582	4	0
12/9/2015	9:00:00	12.8609	13.8217	13.57	12.4074	35.9414	4	0
12/9/2015	10:00:00	12.6243	13.6763	9.17404	9.00713	36.554	4	0
12/9/2015	11:00:01	12.8288	13.6112	11.3023	13.307	35.9414	4	0
12/9/2015	12:00:00	12.8478	13.3961	10.3069	10.4722	36.3498	4	0

12/9/2015	13:00:00	12.8229	13.079	9.80375	12.355	35.7372	4	0
12/9/2015	14:00:00	12.8864	12.8562	12.2524	15.6938	35.9414	4	0
12/9/2015	15:00:00	12.8999	12.4582	11.3906	9.17582	35.533	4	0
12/9/2015	16:00:00	12.7166	12.0199	11.4893	12.485	36.554	4	0
12/9/2015	17:00:01	12.5681	11.5249	10.5428	10.2433	36.1456	4	0
12/9/2015	18:00:01	12.307	10.9205	7.09389	10.3343	36.7582	4	0
12/9/2015	19:00:01	12.1743	10.6648	10.0426	11.3673	36.3498	4	0
12/9/2015	20:00:00	12.0711	10.5874	11.1714	10.8454	36.1456	4	0
12/9/2015	21:00:01	11.9756	10.1481	8.39327	6.23209	36.554	4	0
12/9/2015	22:00:01	11.8762	10.1485	9.29906	9.92087	36.554	4	0
12/9/2015	23:00:01	11.6881	9.95413	9.03491	9.44406	37.1667	4	0
12/10/2015	0:00:00	11.4946	9.83103	8.72345	8.78557	37.1666	4	0
12/10/2015	1:00:00	11.262	9.66823	7.24026	8.66565	36.7582	4	0
12/10/2015	2:00:01	10.9618	9.30752	7.61299	6.73562	36.554	4	0
12/10/2015	3:00:01	10.7063	9.14911	8.85739	9.16959	36.554	4	0
12/10/2015	4:00:00	10.4186	8.92942	8.83157	12.5022	36.554	4	0
12/10/2015	5:00:00	10.1084	8.72436	7.93738	8.3115	36.3498	4	0
12/10/2015	6:00:01	9.89638	8.8027	7.75677	9.48834	36.7582	4	0
12/10/2015	7:00:01	9.73251	8.66584	8.09161	8.19821	35.9414	4	0
12/10/2015	8:00:00	9.5214	8.29645	6.6954	8.22825	36.3498	4	0
12/10/2015	9:00:00	9.2784	8.2235	7.42812	7.85342	35.533	4	0
12/10/2015	10:00:01	9.1913	8.01039	6.72894	4.06343	35.1245	4	0
12/10/2015	11:00:01	9.05269	7.8864	7.53132	6.33222	36.1456	4	0
12/10/2015	12:00:01	8.93602	7.74935	7.10566	9.17213	35.533	4	0
12/10/2015	13:00:00	8.94145	7.96762	10.0078	12.8969	35.7372	4	0
12/10/2015	14:00:00	8.92533	8.29607	11.5492	11.6645	35.7372	4	0
12/10/2015	15:00:01	9.09274	8.8421	15.6753	26.5897	35.7372	4	0
12/10/2015	16:00:01	9.186	9.31439	15.382	13.5938	35.9414	4	0
12/10/2015	17:00:01	9.19025	9.5863	11.8366	11.4324	36.7582	4	0
12/10/2015	18:00:00	9.05424	9.29136	4.63111	3.19966	36.9625	4	0
12/10/2015	19:00:00	8.89002	9.16545	6.93957	10.1022	36.7582	4	0
12/10/2015	20:00:01	8.78323	9.31391	8.15617	5.29084	36.9625	4	0
12/10/2015	21:00:01	8.73723	9.31863	7.51182	7.34314	36.7582	4	0
12/10/2015	22:00:00	8.63935	9.38805	8.06237	11.1129	37.3709	4	0
12/10/2015	23:00:00	8.62099	9.48765	8.53788	10.4453	37.5751	4	0
12/11/2015	0:00:01	8.58663	9.54241	7.20481	6.53754	36.9625	4	0

12/11/2015	1:00:01	8.5622	9.29616	7.09389	9.71844	37.5751	4	0
12/11/2015	2:00:00	8.54391	8.97686	7.72076	6.39983	37.3709	4	0
12/11/2015	3:00:00	8.52935	8.41973	8.62638	8.37337	37.7793	4	0
12/11/2015	4:00:01	8.55085	7.92593	9.03266	14.4264	36.9625	4	0
12/11/2015	5:00:01	8.5979	7.7676	10.2969	12.4072	37.7793	4	0
12/11/2015	6:00:01	8.63313	8.09091	8.44709	9.38136	37.5751	4	0
12/11/2015	7:00:00	8.79809	8.5147	12.0007	10.7925	37.3709	4	0
12/11/2015	8:00:00	8.96125	8.72736	10.701	10.8781	37.9835	4	0
12/11/2015	9:00:01	9.19385	9.17014	12.6328	18.5121	37.5751	4	0
12/11/2015	10:00:01	9.51938	9.63548	12.8621	13.7826	37.1667	4	0
12/11/2015	11:00:00	9.97427	10.3822	16.7212	14.7783	37.1667	4	0
12/11/2015	12:00:00	10.1407	10.6687	10.2911	12.2123	37.3709	4	0
12/11/2015	13:00:01	10.13	10.8722	9.53083	9.68616	36.9625	4	0
12/11/2015	14:00:01	10.0907	11.0951	10.5086	14.1791	36.9625	4	0
12/11/2015	15:00:00	10.0889	11.6521	15.4105	13.9667	36.9625	4	0
12/11/2015	16:00:00	10.1541	12.3104	17.2816	13.7365	36.9625	4	0
12/11/2015	17:00:01	10.1407	12.4135	12.0673	10.1177	36.9624	4	0
12/11/2015	18:00:01	10.419	12.6201	10.5633	12.4885	36.3498	4	0
12/11/2015	19:00:01	10.8299	12.9986	16.6509	20.1236	36.1456	4	0
12/11/2015	20:00:00	11.3937	13.9168	22.2609	24.0707	36.9625	4	0
12/11/2015	21:00:00	12.1344	14.95	25.1515	29.0712	36.7582	4	0
12/11/2015	22:00:00	12.9768	16.2163	27.9032	31.2137	36.7582	4	0
12/11/2015	23:00:01	13.8189	17.1961	28.055	31.0669	37.3709	4	0
12/12/2015	0:00:01	14.5951	18.4891	25.7305	25.4631	37.7793	4	0
12/12/2015	1:00:00	15.3168	19.7255	24.2001	29.1573	37.3709	4	0
12/12/2015	2:00:00	16.1392	21.1311	27.1045	34.0445	37.5751	4	0
12/12/2015	3:00:01	16.7896	21.8865	24.8951	24.0814	37.5751	4	0
12/12/2015	4:00:01	17.3032	22.2145	20.9978	24.2833	37.1667	4	0
12/12/2015	5:00:00	17.6553	22.8208	20.3435	23.6802	37.5751	4	0
12/12/2015	6:00:00	18.1519	23.6656	21.143	21.4481	37.5751	4	0
12/12/2015	7:00:01	18.3924	23.796	18.6319	18.105	37.5751	4	0
12/12/2015	8:00:01	18.6368	23.3473	17.1573	18.7772	38.1877	4	0
12/12/2015	9:00:01	18.723	22.5355	16.146	12.7053	37.9835	4	0
12/12/2015	10:00:01	18.7355	21.3245	13.2065	18.0368	37.7793	4	0
12/12/2015	11:00:01	18.8479	20.6037	18.933	21.0136	39.0046	4	0
12/12/2015	12:00:00	19.0701	19.7247	14.3953	17.4293	38.1877	4	0

12/12/2015	13:00:00	19.428	19.2202	17.94	20.3978	38.3919	4	0
12/12/2015	14:00:01	19.8663	18.6917	20.2582	20.3328	37.9835	4	0
12/12/2015	15:00:01	20.1069	18.4124	21.6702	25.5201	38.5962	4	0
12/12/2015	16:00:00	20.4379	18.7803	25.3343	28.5412	39.0046	4	0
12/12/2015	17:00:00	21.1372	19.481	28.5738	35.2491	37.9835	4	0
12/12/2015	18:00:01	22.0558	20.4591	33.0781	33.0593	38.3919	4	0
12/12/2015	19:00:01	22.7247	21.555	31.0954	29.1702	38.5962	4	0
12/12/2015	20:00:01	22.8786	22.2091	24.2448	20.7028	38.8004	4	0
12/12/2015	21:00:00	22.5909	22.3316	17.1741	17.8538	38.5961	4	0
12/12/2015	22:00:00	22.0131	22.3932	13.9184	12.7501	38.3919	4	0
12/12/2015	23:00:01	21.3926	21.9325	13.9393	13.1027	39.0046	4	0
12/13/2015	0:00:01	20.8765	21.8031	12.4205	13.807	38.3919	4	0
12/13/2015	1:00:00	20.2734	21.1402	10.4894	10.009	37.9835	4	0
12/13/2015	2:00:00	19.6256	20.4027	11.4745	12.0591	38.1877	4	0
12/13/2015	3:00:01	18.9863	19.3807	9.53322	8.42548	38.3919	4	0
12/13/2015	4:00:01	18.5118	18.0406	9.34247	10.477	38.3919	4	0
12/13/2015	5:00:01	18.0837	16.5083	10.6788	15.4724	37.9835	4	0
12/13/2015	6:00:00	18.0837	16.5083	10.6788	9.18631	38.1877	4	0
12/13/2015	7:00:00	17.1341	12.5609	7.80726	6.53599	37.9835	4	0
12/13/2015	8:00:01	16.7292	11.1567	7.41926	10.0476	37.9835	4	0
12/13/2015	9:00:01	16.3936	10.4145	8.28472	10.8432	38.1877	4	0
12/13/2015	10:00:02	16.2279	9.98438	8.55419	10.5706	38.1877	4	0
12/13/2015	11:00:00	15.821	9.61342	9.5682	10.0411	37.5751	4	0
12/13/2015	12:00:00	15.6458	9.36709	9.21481	11.3152	37.5751	4	0
12/13/2015	13:00:01	15.2642	9.29056	9.80557	11.9291	38.1877	4	0
12/13/2015	14:00:01	14.8189	9.1787	10.2836	11.3861	38.8004	4	0
12/13/2015	15:00:00	14.3311	9.24173	10.3341	8.78742	38.3919	4	0
12/13/2015	16:00:00	13.752	9.42767	11.5168	9.90306	38.1877	4	0
12/13/2015	17:00:01	12.9501	9.30153	8.97719	10.1434	37.9835	4	0
12/13/2015	18:00:01	11.7515	8.94998	5.67869	7.56042	37.5751	4	0
12/13/2015	19:00:01	10.7876	8.95018	7.56372	8.11593	38.3919	4	0
12/13/2015	20:00:00	10.1758	9.1176	9.22527	10.5894	37.5751	4	0
12/13/2015	21:00:00	9.84087	9.19309	9.19468	10.2607	37.9835	4	0
12/13/2015	22:00:01	9.65587	9.26135	9.26029	10.9347	37.7793	4	0
12/13/2015	23:00:01	9.51448	9.32127	10.0457	9.92548	37.7793	4	0
12/14/2015	0:00:00	9.35381	9.26356	8.46323	6.40403	37.1667	4	0

12/14/2015	1:00:00	9.13527	8.87859	5.18822	5.31272	37.9835	4	0
12/14/2015	2:00:01	8.93263	8.5725	6.69824	4.37009	37.3709	4	0
12/14/2015	3:00:01	8.67402	7.99726	3.65025	-2.23799	38.8004	4	0
12/14/2015	4:00:00	8.29927	7.09653	1.09738	-1.58247	37.7793	4	0
12/14/2015	5:00:00	7.92002	6.4938	1.85211	0.618585	37.5751	4	0
12/14/2015	6:00:00	7.66759	6.34236	4.03919	2.69697	37.5751	4	0
12/14/2015	7:00:01	7.39094	5.84082	1.73087	3.53617	37.9835	4	0
12/14/2015	8:00:01	7.14778	5.2371	2.08242	5.14189	37.9835	4	0
12/14/2015	9:00:00	6.96533	4.80618	3.97537	2.88015	38.1877	4	0
12/14/2015	10:00:00	6.77059	4.37007	3.9617	-1.05518	38.5961	4	0
12/14/2015	11:00:00	6.42516	3.62996	1.00457	1.49215	38.1877	4	0
12/14/2015	12:00:01	6.13986	3.15471	2.67338	2.44259	39.0046	4	0
12/14/2015	13:00:01	5.93801	3.1137	4.64573	8.37271	38.5961	4	0
12/14/2015	14:00:00	5.71269	2.98448	5.06469	6.65427	38.5961	4	0
12/14/2015	15:00:00	5.57647	3.27947	7.17351	-1.86664	38.1877	4	0
12/14/2015	16:00:01	5.26232	3.52265	4.06991	5.33063	38.3919	4	0
12/14/2015	17:00:01	5.12276	3.83934	5.70234	5.60473	38.8004	4	0
12/14/2015	18:00:00	5.10474	3.95105	5.39196	9.07974	39.413	4	0
12/14/2015	19:00:00	4.89498	4.02044	2.65019	1.93635	39.413	4	0
12/14/2015	20:00:00	4.71439	4.24529	4.8466	4.9052	39.413	4	0
12/14/2015	21:00:01	4.58853	4.41656	6.03743	6.60007	40.2298	4	0
12/14/2015	22:00:01	4.40758	4.47748	4.66107	6.18888	39.413	4	0
12/14/2015	23:00:00	4.19765	4.78416	4.80706	6.52184	39.413	4	0
12/15/2015	0:00:00	4.07285	4.99551	5.30048	2.95303	40.2298	4	0
12/15/2015	1:00:00	4.07494	5.03964	5.06432	5.76767	40.0256	4	0
12/15/2015	2:00:01	4.04402	5.1031	5.82412	4.98232	39.6172	4	0
12/15/2015	3:00:01	4.09802	4.92544	5.02758	7.39051	40.4341	4	0
12/15/2015	4:00:00	4.18745	4.8677	3.3655	1.28248	40.2298	4	0
12/15/2015	5:00:00	4.32866	4.84176	5.36223	3.45782	40.2298	4	0
12/15/2015	6:00:01	4.31642	4.70683	3.74867	4.59962	39.6172	4	0
12/15/2015	7:00:01	4.44165	4.88548	4.81296	6.34638	40.4341	4	0
12/15/2015	8:00:00	4.49162	4.76175	3.33732	5.30404	40.6383	4	0
12/15/2015	9:00:00	4.49766	4.60204	4.05782	6.31406	39.6172	4	0
12/15/2015	10:00:01	4.5276	4.60292	4.64538	4.32889	40.0256	4	0
12/15/2015	11:00:01	4.6707	4.57514	4.38659	1.62892	39.6172	4	0
12/15/2015	12:00:01	4.70194	4.42434	3.5056	6.21889	40.2298	4	0

12/15/2015	13:00:00	4.66863	4.31539	3.70774	6.26879	40.0256	4	0
12/15/2015	14:00:00	4.64663	4.20441	4.48071	7.50477	39.8214	4	0
12/15/2015	15:00:01	4.58502	4.24842	5.55015	7.63305	39.8214	4	0
12/15/2015	16:00:00	4.6617	4.45641	5.85027	9.23609	40.2298	4	0
12/15/2015	17:00:00	4.70564	4.56865	6.73256	8.38203	39.8214	4	0
12/15/2015	18:00:00	4.66504	4.62081	4.39071	3.17376	40.2298	4	0
12/15/2015	19:00:01	4.70994	4.53239	3.77157	2.44458	40.2299	4	0
12/15/2015	20:00:01	4.6395	4.51312	3.09209	3.95123	40.0256	4	0
12/15/2015	21:00:00	4.52797	4.45184	3.33173	1.90615	40.4341	4	0
12/15/2015	22:00:00	4.53537	4.46336	4.764	6.03555	40.0256	4	0
12/15/2015	23:00:01	4.56838	4.56432	5.61181	7.05241	40.6383	4	0
12/16/2015	0:00:01	4.65219	4.87826	7.25083	8.55289	40.4341	4	0
12/16/2015	1:00:00	4.74444	5.16954	7.12422	6.31013	39.8214	4	0
12/16/2015	2:00:00	4.79314	5.37724	6.96949	6.9153	40.0256	4	0
12/16/2015	3:00:00	4.80207	5.34993	5.20887	8.0605	40.0256	4	0
12/16/2015	4:00:01	4.95724	5.45263	7.09763	7.57937	40.2298	4	0
12/16/2015	5:00:01	5.02824	5.47307	6.88481	5.77052	39.8214	4	0
12/16/2015	6:00:00	5.09048	5.54253	5.22021	5.97858	40.4341	4	0
12/16/2015	7:00:00	5.18092	5.81173	7.01741	3.30664	39.8214	4	0
12/16/2015	8:00:01	5.30588	6.08013	6.26481	9.98804	40.0256	4	0
12/16/2015	9:00:01	5.47646	6.47334	7.82204	3.11187	39.6172	4	0
12/16/2015	10:00:01	5.69627	6.89948	9.80667	13.7247	39.413	4	0
12/16/2015	11:00:00	5.9281	7.2403	9.2494	8.87208	38.8004	4	0
12/16/2015	12:00:00	6.16633	7.38686	8.95395	7.68826	39.0046	4	0
12/16/2015	13:00:01	6.33338	7.4216	7.55182	6.8588	39.0046	4	0
12/16/2015	14:00:01	6.29885	7.1545	4.22021	1.08248	39.2088	4	0
12/16/2015	15:00:00	6.23976	7.08398	4.76599	5.97241	39.2088	4	0
12/16/2015	16:00:00	6.22596	6.97405	6.26658	7.96854	39.8214	4	0
12/16/2015	17:00:00	6.22503	6.98288	7.37455	4.75787	40.4341	4	0
12/16/2015	18:00:01	6.26643	7.00551	5.61938	4.41125	40.0256	4	0
12/16/2015	19:00:01	6.30074	6.81044	4.72455	3.87698	40.4341	4	0
12/16/2015	20:00:00	6.34918	6.65486	4.50161	2.57132	40.4341	4	0
12/16/2015	21:00:00	6.34918	6.65486	4.50161	5.51643	40.8425	4	0
12/16/2015	22:00:01	6.33387	5.86793	4.3157	2.85996	41.0467	4	0
12/16/2015	23:00:01	6.27099	5.46278	4.19817	2.98465	40.6383	4	0
12/17/2015	0:00:01	6.15829	5.12382	4.69478	3.80227	41.4551	4	0

12/17/2015	1:00:00	6.15829	5.12382	4.69478	5.48444	41.2509	4	0
12/17/2015	2:00:00	5.95138	4.92888	5.18378	7.86069	41.4551	4	0
12/17/2015	3:00:01	5.93306	4.93491	4.79367	4.76492	41.6593	4	0
12/17/2015	4:00:01	5.79674	4.74133	3.89383	5.13996	41.6593	4	0
12/17/2015	5:00:00	5.79674	4.74133	3.89383	6.28314	41.6593	4	0
12/17/2015	6:00:00	5.69864	4.48505	5.01754	5.59069	41.8635	4	0
12/17/2015	7:00:01	5.63537	4.5442	5.40193	6.05802	41.4551	4	0
12/17/2015	8:00:01	5.58454	4.58191	4.91811	7.20614	42.0678	4	0
12/17/2015	9:00:01	5.48271	4.6949	5.12594	6.58369	41.6593	4	0
12/17/2015	10:00:00	5.32122	4.81159	5.71339	4.4713	41.6593	4	0
12/17/2015	11:00:00	5.14285	4.85146	4.66351	4.26253	41.4551	4	0
12/17/2015	12:00:01	4.97471	4.84377	4.57395	6.01608	41.2509	4	0
12/17/2015	13:00:01	4.85319	4.86887	4.30989	6.35859	41.4551	4	0
12/17/2015	14:00:01	4.92727	4.92474	5.76316	7.64785	41.6593	4	0
12/17/2015	15:00:00	5.00257	5.07671	6.72109	8.19118	41.2509	4	0
12/17/2015	16:00:00	5.07036	5.40749	7.9454	7.9009	41.8635	4	0
12/17/2015	17:00:01	5.15862	5.79076	9.4358	8.71266	41.6593	4	0
12/17/2015	18:00:01	5.25804	6.04189	8.18195	7.30354	42.4762	4	0
12/17/2015	19:00:02	5.45204	6.37149	9.35806	12.262	42.272	4	0
12/17/2015	20:00:00	5.65957	6.75022	9.4575	10.6306	42.272	4	0
12/17/2015	21:00:01	5.91494	7.15098	9.91028	9.31346	42.272	4	0
12/17/2015	22:00:01	6.08162	7.36808	8.31078	6.56495	42.272	4	0
12/17/2015	23:00:01	6.24598	7.66178	8.29863	8.67585	43.0888	4	0
12/18/2015	0:00:00	6.40347	7.98147	8.27042	9.84745	42.272	4	0
12/18/2015	1:00:00	6.54886	8.25492	7.71159	7.4316	42.6804	4	0
12/18/2015	2:00:01	6.59354	8.305	6.57088	8.76538	42.6804	4	0
12/18/2015	3:00:01	6.66473	8.28777	6.41084	4.78893	42.272	4	0
12/18/2015	4:00:00	6.7193	8.06105	5.0984	6.63447	43.0888	4	0
12/18/2015	5:00:00	6.78432	7.80893	6.34103	6.67344	42.8846	4	0
12/18/2015	6:00:00	6.78678	7.55408	5.15305	3.47971	42.8846	4	0
12/18/2015	7:00:01	6.80754	7.27528	6.093	6.66791	43.0888	4	0
12/18/2015	8:00:00	6.8275	6.94795	5.57753	5.44115	43.293	4	0
12/18/2015	9:00:00	6.87516	6.6295	5.83009	5.09208	42.8846	4	0
12/18/2015	10:00:01	6.97424	6.60023	7.83072	9.3957	42.8846	4	0
12/18/2015	11:00:01	7.07225	6.48104	6.76514	8.75056	42.4762	4	0
12/18/2015	12:00:01	7.10639	6.21091	4.8013	4.47448	42.272	4	0

12/18/2015	13:00:00	7.1804	6.05392	5.74186	4.69523	42.0678	4	0
12/18/2015	14:00:00	7.1733	5.94658	5.21268	7.44899	42.272	4	0
12/18/2015	15:00:01	7.14189	5.90525	5.97678	6.66257	42.0678	4	0
12/18/2015	16:00:01	7.08522	6.03377	6.71254	7.55048	41.8635	4	0
12/18/2015	17:00:00	6.98706	6.11249	7.46644	10.0159	42.8846	4	0
12/18/2015	18:00:00	7.04886	6.49051	9.73179	11.8101	42.272	4	0
12/18/2015	19:00:01	7.13628	6.94551	11.6799	12.3897	42.6804	4	0
12/18/2015	20:00:01	7.20303	7.4199	11.5216	12.4417	43.0888	4	0
12/18/2015	21:00:00	7.36559	8.0998	14.24	14.0462	42.8846	4	0
12/18/2015	22:00:00	7.41447	8.25788	10.0701	10.0672	43.0888	4	0
12/18/2015	23:00:00	7.41992	8.41387	8.91598	8.58846	43.4972	4	0
12/19/2015	0:00:01	7.49338	8.86187	10.4701	11.4121	44.1099	4	0
12/19/2015	1:00:01	7.61851	9.28005	10.7909	12.0008	44.1099	4	0
12/19/2015	2:00:00	7.75053	9.66255	9.83108	12.4288	44.1099	4	0
12/19/2015	3:00:00	7.89949	10.0063	10.165	11.442	43.4972	4	0
12/19/2015	4:00:00	8.07256	10.231	9.42167	9.49964	44.5183	4	0
12/19/2015	5:00:01	8.24232	10.486	10.4497	8.99029	44.3141	4	0
12/19/2015	6:00:00	8.3888	10.4244	9.02595	10.4947	45.3352	4	0
12/19/2015	7:00:01	8.49482	10.1978	8.77686	9.14687	44.5183	4	0
12/19/2015	8:00:00	8.66477	10.0618	9.606	10.9688	44.9267	4	0
12/19/2015	9:00:00	8.86239	9.75187	9.80522	10.9434	43.9057	4	0
12/19/2015	10:00:00	9.10143	10.0259	12.972	12.7313	43.9057	4	0
12/19/2015	11:00:01	9.22834	10.0653	8.8572	8.6437	43.9057	4	0
12/19/2015	12:00:01	9.40168	9.90355	8.12353	10.0519	43.4972	4	0
12/19/2015	13:00:00	9.5892	9.80481	9.16898	6.16966	43.293	4	0
12/19/2015	14:00:00	9.7154	9.63692	7.68274	8.53903	43.0888	4	0
12/19/2015	15:00:01	9.8383	9.50024	8.52115	4.05749	42.8846	4	0
12/19/2015	16:00:01	9.85109	9.302	7.40721	12.4631	43.293	4	0
12/19/2015	17:00:01	9.8339	9.05428	8.14924	8.57821	43.293	4	0
12/19/2015	18:00:00	9.81205	9.04218	8.95187	12.9989	43.4972	4	0
12/19/2015	19:00:00	9.81974	9.29172	12.0444	11.6863	44.3141	4	0
12/19/2015	20:00:01	9.79382	9.37166	10.6443	9.64228	43.4972	4	0
12/19/2015	21:00:01	9.52022	9.17672	7.58149	7.17239	43.7015	4	0
12/19/2015	22:00:01	9.4543	8.7576	7.77523	6.91096	43.9057	4	0
12/19/2015	23:00:00	9.46061	8.75867	8.81123	9.09916	43.9057	4	0
12/20/2015	0:00:00	9.30026	8.62594	6.45187	5.81234	43.0888	4	0

12/20/2015	1:00:01	9.18609	8.52413	7.8003	9.88285	43.0888	4	0
12/20/2015	2:00:01	9.15251	8.64374	9.09477	8.58064	43.4972	4	0
12/20/2015	3:00:00	9.10753	8.6736	8.58294	9.34102	42.6804	4	0
12/20/2015	4:00:00	9.04144	8.72226	8.01943	9.89675	42.4762	4	0
12/20/2015	5:00:01	8.92172	8.66614	7.33125	5.38057	42.6804	4	0
12/20/2015	6:00:01	8.88433	8.60961	8.40082	8.97991	43.293	4	0
12/20/2015	7:00:00	8.85105	8.25532	7.80801	5.88672	43.0888	4	0
12/20/2015	8:00:00	8.75869	7.98268	7.45551	5.92572	42.8846	4	0
12/20/2015	9:00:00	8.71368	8.01962	7.50978	10.8135	42.4762	4	0
12/20/2015	10:00:01	8.61482	8.251	10.3972	14.895	41.4551	4	0
12/20/2015	11:00:01	8.57747	8.12309	6.87463	6.42339	41.0467	4	0
12/20/2015	12:00:00	8.4037	7.92461	4.21544	6.51742	40.8425	4	0
12/20/2015	13:00:00	8.27893	7.77296	5.9562	5.26864	41.4551	4	0
12/20/2015	14:00:01	8.2294	7.532	6.31272	5.93071	40.8425	4	0
12/20/2015	15:00:01	8.15824	7.40013	7.35663	7.48818	41.6593	4	0
12/20/2015	16:00:00	8.07832	7.19814	5.86898	8.97164	41.4551	4	0
12/20/2015	17:00:00	8.06892	7.27155	8.47169	9.48978	41.4551	4	0
12/20/2015	18:00:01	8.05934	7.3131	9.11661	11.1754	41.8635	4	0
12/20/2015	19:00:01	7.92557	7.42187	9.20462	12.9691	41.0467	4	0
12/20/2015	20:00:01	7.84408	7.55011	9.13709	10.898	41.6593	4	0
12/20/2015	21:00:00	7.83712	7.55868	7.71846	6.94564	41.6593	4	0
12/20/2015	22:00:00	7.85892	7.39851	8.59384	9.56116	41.2509	4	0
12/20/2015	23:00:01	7.87688	7.62762	9.71281	9.96221	42.0678	4	0
12/21/2015	0:00:01	7.94535	7.98058	8.63271	6.78468	41.6593	4	0
12/21/2015	1:00:00	7.9448	8.15098	7.98209	10.1762	42.6804	4	0
12/21/2015	2:00:00	7.83874	8.20558	7.09114	7.87282	42.0678	4	0
12/21/2015	3:00:01	7.7638	8.16178	6.58659	6.31353	42.0678	4	0
12/21/2015	4:00:01	7.67163	8.16349	5.74125	4.49543	41.8635	4	0
12/21/2015	5:00:01	7.61137	7.94883	5.72376	7.64106	41.6593	4	0
12/21/2015	6:00:00	7.57433	7.82071	7.46175	8.20952	41.6593	4	0
12/21/2015	7:00:00	7.5349	7.63635	6.98053	5.2008	41.6593	4	0
12/21/2015	8:00:01	7.5815	7.57812	8.21036	10.0876	41.4551	4	0
12/21/2015	9:00:01	7.5878	7.57786	7.72514	10.1494	41.8635	4	0
12/21/2015	10:00:00	7.53278	7.60387	8.69314	6.15234	41.2509	4	0
12/21/2015	11:00:00	7.52399	7.34347	6.6678	8.46349	41.4551	4	0
12/21/2015	12:00:01	7.66294	7.22642	7.16588	8.59669	41.0467	4	0

12/21/2015	13:00:01	7.74971	7.21427	7.86003	7.69795	41.0467	4	0
12/21/2015	14:00:00	7.80684	7.25385	7.64791	6.1056	40.8425	4	0
12/21/2015	15:00:00	7.80684	7.25385	7.64791	7.93334	41.0467	4	0
12/21/2015	16:00:00	7.91281	7.60055	8.49744	5.87795	41.4551	4	0
12/21/2015	17:00:01	7.85459	7.7141	7.09708	6.60986	41.2509	4	0
12/21/2015	18:00:01	7.81058	7.79352	8.73345	10.4929	41.6593	4	0
12/21/2015	19:00:00	7.7695	7.91075	8.53544	9.59235	41.4551	4	0
12/21/2015	20:00:00	7.7695	7.91075	8.53544	7.66185	41.8635	4	0
12/21/2015	21:00:01	7.85092	8.18041	10.7217	11.2658	42.4762	4	0
12/21/2015	22:00:01	7.99915	8.48352	12.3331	17.3108	41.8635	4	0
12/21/2015	23:00:01	8.21169	9.17618	15.0494	20.3252	42.4762	4	0
12/22/2015	0:00:00	8.77664	10.4568	22.7775	19.0265	42.6804	4	0
12/22/2015	1:00:00	8.89035	10.7098	10.8486	12.2072	42.8846	4	0
12/22/2015	2:00:01	9.12454	11.1418	12.6412	15.0392	43.293	4	0
12/22/2015	3:00:01	9.15449	11.0493	7.71925	8.63138	43.293	4	0
12/22/2015	4:00:01	9.1983	10.9106	6.58269	7.66627	43.7015	4	0
12/22/2015	5:00:00	9.18401	10.7796	5.56278	7.09407	43.0888	4	0
12/22/2015	6:00:00	9.09836	10.5268	5.9824	6.57709	43.4972	4	0
12/22/2015	7:00:01	9.04046	10.2891	5.64934	6.9576	43.7014	4	0
12/22/2015	8:00:01	8.9087	9.99117	5.03784	6.63581	44.3141	4	0
12/22/2015	9:00:00	8.92471	9.7702	7.86034	7.30577	43.0888	4	0
12/22/2015	10:00:00	8.98424	9.59366	10.2007	13.4274	44.3141	4	0
12/22/2015	11:00:00	8.9847	8.89027	6.27005	3.62017	44.3141	4	0
12/22/2015	12:00:01	8.94102	7.5029	5.89967	7.70443	44.1099	4	0
12/22/2015	13:00:01	8.88899	7.12544	6.16907	4.58371	43.293	4	0
12/22/2015	14:00:00	8.87241	6.63785	6.57547	8.29204	43.7014	4	0
12/22/2015	15:00:00	8.9919	6.92444	11.0584	14.0574	42.6804	4	0
12/22/2015	16:00:01	8.94469	7.00484	7.69433	5.76436	43.7014	4	0
12/22/2015	17:00:01	8.94387	7.10525	6.66653	8.82431	43.0888	4	0
12/22/2015	18:00:01	8.88114	7.19835	7.11779	8.51364	43.4972	4	0
12/22/2015	19:00:00	8.88604	7.40484	7.92193	7.17924	42.6804	4	0
12/22/2015	20:00:01	8.92933	7.78818	9.68473	12.336	43.4972	4	0
12/22/2015	21:00:00	8.85722	7.85918	8.66359	8.28729	43.7015	4	0
12/22/2015	22:00:00	8.83982	7.9743	11.5759	13.6846	43.293	4	0
12/22/2015	23:00:00	8.70715	8.41938	11.5076	13.2745	43.7015	4	0
12/23/2015	0:00:00	8.21817	8.82712	10.4657	10.3842	42.6804	4	0

12/23/2015	1:00:01	8.21491	9.19018	10.2163	10.465	42.4762	4	0
12/23/2015	2:00:01	8.20346	9.66996	12.2018	6.69539	42.272	4	0
12/23/2015	3:00:01	8.28379	9.53111	9.32652	11.2126	41.6593	4	0
12/23/2015	4:00:00	8.33324	9.54008	8.07155	7.11275	42.272	4	0
12/23/2015	5:00:00	8.48999	9.747	9.03886	7.62424	42.272	4	0
12/23/2015	6:00:01	8.59899	9.84382	7.96731	6.92492	41.6593	4	0
12/23/2015	7:00:01	8.67985	9.80208	7.40397	7.47784	41.4551	4	0
12/23/2015	8:00:00	8.76481	9.54195	6.32771	4.31517	41.6593	4	0
12/23/2015	9:00:00	0	0	0	0	41.8635	1	0
12/23/2015	10:00:01	0	0	0	0	41.0467	3	0
12/23/2015	11:00:00	0	0	0	3.27748	41.2509	4	0
12/23/2015	12:00:01	0	0	3.32107	1.1835	41.6593	4	0
12/23/2015	13:00:01	0	0	2.37247	3.14725	41.4551	4	0
12/23/2015	14:00:01	0	0	1.00904	0.275556	41.2509	4	0
12/23/2015	15:00:00	0	0	1.45579	1.09081	41.2509	4	0
12/23/2015	16:00:01	0	0	4.697	6.36969	41.2509	4	0
12/23/2015	17:00:01	0	0	3.89082	10.1156	41.2509	4	0
12/23/2015	18:00:00	0	0	4.62831	5.01026	40.8425	4	0
12/23/2015	19:00:00	0	0	6.95607	7.42562	40.6383	4	0
12/23/2015	20:00:01	0	0	8.5766	7.69051	40.8425	4	0
12/23/2015	21:00:00	0	0	9.62191	16.897	41.2509	4	0
12/23/2015	22:00:00	0	0	6.78407	8.94496	42.6804	4	0
12/23/2015	23:00:01	0	0	6.53221	7.22967	43.0888	4	0
12/24/2015	0:00:01	0	5.15249	5.97589	6.40028	43.293	4	0
12/24/2015	1:00:00	0	5.45138	6.11195	6.92951	43.4972	4	0
12/24/2015	2:00:00	0	6.04924	8.36441	10.6798	43.7015	4	0
12/24/2015	3:00:01	0	6.50528	7.24403	5.12257	43.4972	4	0
12/24/2015	4:00:00	0	6.67365	6.73288	9.62114	44.3141	4	0
12/24/2015	5:00:00	0	7.01526	8.01988	9.45899	43.9057	4	0
12/24/2015	6:00:01	0	7.07563	5.50991	3.44867	44.3141	4	0
12/24/2015	7:00:01	0	7.02472	6.21259	7.93943	44.7225	4	0
12/24/2015	8:00:00	0	7.1615	9.76504	8.15013	44.3141	4	0
12/24/2015	9:00:01	0	7.1755	9.22185	8.70455	43.7015	4	0
12/24/2015	10:00:01	0	7.10104	5.78357	4.89309	44.1099	4	0
12/24/2015	11:00:00	0	7.1742	7.21194	5.35184	43.7015	4	0
12/24/2015	12:00:01	6.20354	7.29213	7.30425	5.39308	43.7015	4	0

12/24/2015	13:00:01	6.32659	7.23388	5.38933	9.1463	43.7015	4	0
12/24/2015	14:00:00	6.49163	6.9623	5.00192	2.80012	43.9057	4	0
12/24/2015	15:00:00	6.71923	6.94025	6.9188	5.65101	43.7015	4	0
12/24/2015	16:00:01	6.87069	7.06745	8.29235	9.24731	43.7014	4	0
12/24/2015	17:00:01	6.93143	6.83869	5.27345	5.65086	44.3141	4	0
12/24/2015	18:00:00	6.97999	6.84492	5.52152	-0.526664	43.4972	4	0
12/24/2015	19:00:01	6.96579	6.85743	6.41893	9.31529	44.7225	4	0
12/24/2015	20:00:01	6.95664	6.71672	8.23796	9.36443	43.4972	4	0
12/24/2015	21:00:00	6.9191	6.64368	8.35428	6.31329	43.7014	4	0
12/24/2015	22:00:00	6.89955	6.69229	6.50753	1.69672	44.1099	4	0
12/24/2015	23:00:01	6.91029	6.67859	7.29781	9.00482	44.1099	4	0
12/25/2015	0:00:00	6.98375	6.70711	7.56972	8.06615	43.9057	4	0
12/25/2015	1:00:00	7.07936	6.95021	8.2441	6.44737	44.1099	4	0
12/25/2015	2:00:00	7.07734	7.22059	8.23562	7.1577	44.5183	4	0
12/25/2015	3:00:00	7.09292	7.29021	7.86923	7.70952	44.1099	4	0
12/25/2015	4:00:01	7.02617	7.0614	5.87241	8.37586	44.9267	4	0
12/25/2015	5:00:01	6.96621	7.16734	6.5069	7.19512	44.9267	4	0
12/25/2015	6:00:00	7.08385	7.41219	8.51431	11.1314	45.131	4	0
12/25/2015	7:00:00	7.20187	7.64445	9.25695	12.3237	45.5394	4	0
12/25/2015	8:00:01	7.2644	7.87745	10.6193	10.0107	44.9267	4	0
12/25/2015	9:00:00	7.34044	8.08286	10.4255	8.4679	44.7225	4	0
12/25/2015	10:00:00	7.51906	8.3622	9.53604	9.99521	45.131	4	0
12/25/2015	11:00:01	7.44396	8.19965	5.31526	6.94936	44.3141	4	0
12/25/2015	12:00:01	7.3891	8.04181	5.32036	6.2025	44.1099	4	0
12/25/2015	13:00:00	7.36529	7.75147	4.76775	2.89441	44.3141	4	0
12/25/2015	14:00:01	7.32161	7.38468	3.79059	3.90541	43.7015	4	0
12/25/2015	15:00:01	7.28553	7.24443	6.41909	6.14312	44.7225	4	0
12/25/2015	16:00:00	7.19327	7.26909	6.36275	8.31416	44.1099	4	0
12/25/2015	17:00:01	7.19126	7.20421	6.30805	3.37466	45.131	4	0
12/25/2015	18:00:01	7.24675	7.06087	6.83372	7.92921	44.7225	4	0
12/25/2015	19:00:01	7.21784	6.77128	5.95179	5.87716	45.5394	4	0
12/25/2015	20:00:00	7.1018	6.34128	5.50894	6.52413	45.5394	4	0
12/25/2015	21:00:01	6.99416	5.94847	5.64208	4.53081	45.3351	4	0
12/25/2015	22:00:01	7.02293	5.76575	7.31032	6.1567	45.7436	4	0
12/25/2015	23:00:00	7.04677	5.96969	7.68168	7.23489	45.5394	4	0
12/26/2015	0:00:01	6.97464	5.99962	5.54831	5.63794	45.7436	4	0

12/26/2015	1:00:01	6.86248	6.06288	5.49505	6.66662	45.5394	4	0
12/26/2015	2:00:00	6.91587	6.53365	9.40086	9.99338	45.9478	4	0
12/26/2015	3:00:00	6.95024	6.70883	8.31796	7.07439	45.5394	4	0
12/26/2015	4:00:01	6.9854	6.74119	6.7118	5.26884	45.5394	4	0
12/26/2015	5:00:00	6.98344	6.74679	6.30426	6.05718	44.9267	4	0
12/26/2015	6:00:01	6.89403	6.70116	6.2052	3.00237	45.1309	4	0
12/26/2015	7:00:01	6.79417	6.76867	6.64765	5.55561	44.5183	4	0
12/26/2015	8:00:00	6.59235	6.79158	5.7766	10.6807	45.3351	4	0
12/26/2015	9:00:00	6.47267	6.94688	7.47765	6.09969	44.7225	4	0
12/26/2015	10:00:01	6.49154	7.16715	10.0667	10.4276	44.7225	4	0
12/26/2015	11:00:00	6.53396	7.04797	6.31935	5.78687	44.5183	4	0
12/26/2015	12:00:00	6.65764	7.26115	7.97213	7.26215	44.5183	4	0
12/26/2015	13:00:01	6.71963	7.32095	6.26354	9.1467	44.9267	4	0
12/26/2015	14:00:01	6.93364	7.26763	8.81807	7.52913	44.9267	4	0
12/26/2015	15:00:00	7.07224	7.36872	9.46467	8.86123	44.5183	4	0
12/26/2015	16:00:01	7.16052	7.51346	8.52039	6.89528	44.7225	4	0
12/26/2015	17:00:01	7.23263	7.66431	8.23713	3.27055	43.7015	4	0
12/26/2015	18:00:00	7.29903	7.85111	8.47003	12.5325	44.7225	4	0
12/26/2015	19:00:00	7.43337	8.0585	9.08341	6.34205	44.9267	4	0
12/26/2015	20:00:01	7.60139	8.38463	9.85746	6.79175	44.9267	4	0
12/26/2015	21:00:01	7.596	8.23188	5.79125	4.11192	45.3352	4	0
12/26/2015	22:00:00	7.50893	7.83458	5.34013	6.477	45.3351	4	0
12/26/2015	23:00:01	7.55808	8.06467	9.24383	5.56527	45.3352	4	0
12/27/2015	0:00:01	7.55846	7.8682	5.6047	8.31791	45.3352	4	0
12/27/2015	1:00:00	7.55846	7.8682	5.6047	2.0444	45.7436	4	0
12/27/2015	2:00:00	7.27751	7.31536	4.55335	3.36208	45.7436	4	0
12/27/2015	3:00:01	7.1522	6.99093	5.64421	5.39605	45.7436	4	0
12/27/2015	4:00:00	7.06167	6.67056	4.64578	4.61283	45.9478	4	0
12/27/2015	5:00:00	6.95384	6.30054	3.74065	2.95676	45.5394	4	0
12/27/2015	6:00:01	6.88709	6.0056	5.01684	4.32905	45.3351	4	0
12/27/2015	7:00:01	6.82151	5.68118	5.09472	6.38515	45.7436	4	0
12/27/2015	8:00:00	6.8951	5.48482	7.3348	8.44355	45.5394	4	0
12/27/2015	9:00:00	6.97305	5.79375	9.53125	6.43665	45.7436	4	0
12/27/2015	10:00:01	6.93851	6.11925	9.23966	5.47324	45.3352	4	0
12/27/2015	11:00:00	7.05443	6.08011	8.49977	9.35149	46.152	4	0
12/27/2015	12:00:00	6.94427	6.05792	5.34456	3.93637	45.5394	4	0

12/27/2015	13:00:01	6.87478	6.09957	4.43199	5.19696	45.5394	4	0
12/27/2015	14:00:01	6.68618	6.08017	4.37207	5.99282	45.7436	4	0
12/27/2015	15:00:00	6.45566	5.94466	4.13867	7.51178	46.152	4	0
12/27/2015	16:00:01	6.37011	6.09169	6.43008	8.7659	46.152	4	0
12/27/2015	17:00:01	6.24476	6.21796	5.35952	5.65051	46.3562	4	0
12/27/2015	18:00:00	6.12825	6.27039	5.71886	5.75278	46.3562	4	0
12/27/2015	19:00:00	6.03704	6.41271	6.84489	7.53417	46.152	4	0
12/27/2015	20:00:01	5.92085	6.37949	6.88413	6.11091	45.9478	4	0
12/27/2015	21:00:01	5.89902	6.02444	5.24906	6.32977	46.5604	4	0
12/27/2015	22:00:00	5.94017	5.7754	6.15994	6.0583	46.9689	4	0
12/27/2015	23:00:01	5.69382	5.3352	3.11124	4.51355	46.9689	4	0
12/28/2015	0:00:01	5.52668	5.0209	1.55496	1.75442	46.3562	4	0
12/28/2015	1:00:00	5.56674	5.05361	4.73275	1.07276	45.9478	4	0
12/28/2015	2:00:00	5.49329	4.92732	2.89757	2.88648	45.5394	4	0
12/28/2015	3:00:01	5.47013	5.00691	5.10654	3.29817	46.152	4	0
12/28/2015	4:00:00	5.42515	4.77227	3.63354	3.67749	46.5604	4	0
12/28/2015	5:00:00	5.45276	4.69653	4.47244	0.35206	46.3562	4	0
12/28/2015	6:00:01	5.37995	4.48298	3.10935	5.58932	46.3562	4	0
12/28/2015	7:00:01	5.31647	4.20216	3.46321	2.75182	46.5604	4	0
12/28/2015	8:00:00	5.10246	3.81341	2.25352	2.21415	46.5604	4	0
12/28/2015	9:00:00	4.97663	3.9112	6.41977	-3.43039	46.3562	4	0
12/28/2015	10:00:01	4.6319	3.47452	0.925627	-0.844424	46.5604	4	0
12/28/2015	11:00:01	4.23908	3.12601	-1.09256	2.04154	46.5604	4	0
12/28/2015	12:00:00	3.97287	2.90333	-1.13758	-1.13635	45.7436	4	0
12/28/2015	13:00:00	3.72825	2.3829	-1.49262	-3.0812	45.9478	4	0
12/28/2015	14:00:01	3.49715	2.03862	-1.21399	-3.35724	46.3562	4	0
12/28/2015	15:00:01	3.49301	1.94761	4.05006	1.39282	45.9478	4	0
12/28/2015	16:00:00	3.49301	1.94761	4.05006	3.78864	45.9478	4	0
12/28/2015	17:00:01	2.94995	1.15611	2.5496	0.218969	45.7436	4	0
12/28/2015	18:00:01	2.88686	1.25352	4.27844	3.8542	45.7436	4	0
12/28/2015	19:00:00	2.88686	1.25352	4.27844	0.725478	45.7436	4	0
12/28/2015	20:00:00	2.63237	1.43037	4.37605	2.99967	45.7436	4	0
12/28/2015	21:00:01	2.60863	1.2844	4.74307	5.33097	45.7436	4	0
12/28/2015	22:00:01	2.55377	1.61832	5.0322	8.10368	44.9267	4	0
12/28/2015	23:00:00	2.72897	2.32884	7.29447	6.0401	44.9267	4	0
12/29/2015	0:00:01	2.86526	2.82902	4.7689	5.345	45.3352	4	0

12/29/2015	1:00:01	2.86318	3.35076	4.70601	5.70573	45.7436	4	0
12/29/2015	2:00:00	2.9687	3.90449	5.41819	8.29102	45.9478	4	0
12/29/2015	3:00:00	2.98326	4.02317	5.4965	4.91802	46.152	4	0
12/29/2015	4:00:01	3.10617	4.87889	6.5935	4.14866	46.152	4	0
12/29/2015	5:00:00	3.15398	5.13412	5.65009	4.33379	45.7436	4	0
12/29/2015	6:00:00	3.29616	5.31147	6.54556	7.33086	45.9478	4	0
12/29/2015	7:00:01	3.42362	5.5611	6.5454	5.47708	46.3562	4	0
12/29/2015	8:00:01	3.6295	5.79606	7.2035	6.67195	46.5604	4	0
12/29/2015	9:00:00	3.65776	5.99652	7.10474	7.55988	46.5604	4	0
12/29/2015	10:00:00	3.8916	6.11963	6.62224	6.79179	47.1731	4	0
12/29/2015	11:00:01	4.18339	6.01684	5.96395	6.13037	47.1731	4	0
12/29/2015	12:00:00	4.48478	6.1361	6.02747	6.45538	46.5604	4	0
12/29/2015	13:00:00	4.83028	6.31792	6.90915	5.52188	47.1731	4	0
12/29/2015	14:00:01	5.18185	6.4779	7.30366	8.90565	46.9689	4	0
12/29/2015	15:00:01	5.33932	6.67858	7.99878	9.661	47.1731	4	0
12/29/2015	16:00:00	5.84292	6.84884	8.67901	9.20495	46.5604	4	0
12/29/2015	17:00:01	6.06216	7.03522	7.84244	5.48834	47.5815	4	0
12/29/2015	18:00:01	6.29825	7.31948	9.90031	11.8519	47.5815	4	0
12/29/2015	19:00:00	6.44504	7.36228	7.06695	8.23868	47.1731	4	0
12/29/2015	20:00:00	6.62921	7.50403	9.00503	10.8334	47.3773	4	0
12/29/2015	21:00:01	6.75749	7.5601	7.65122	11.0425	47.3773	4	0
12/29/2015	22:00:01	6.91222	7.73052	8.59824	8.57847	47.3773	4	0
12/29/2015	23:00:00	6.90762	7.82877	7.27486	4.55286	47.7857	4	0
12/30/2015	0:00:01	7.10446	8.10962	9.25752	9.01038	47.5815	4	0
12/30/2015	1:00:01	7.32368	8.37058	10.1327	11.1725	47.9899	4	0
12/30/2015	2:00:00	7.4821	8.5331	9.29028	8.27199	47.7857	4	0
12/30/2015	3:00:00	7.62998	8.61419	8.86249	11.15	47.5815	4	0
12/30/2015	4:00:01	7.67424	8.52507	7.60223	5.18256	48.3983	4	0
12/30/2015	5:00:00	7.67987	8.35107	5.73765	5.37714	47.7857	4	0
12/30/2015	6:00:00	7.79727	8.30604	9.34411	6.55056	47.5815	4	0
12/30/2015	7:00:00	7.89495	8.46497	9.09468	9.93357	47.7857	4	0
12/30/2015	8:00:01	7.92192	8.37415	8.01216	6.29816	47.5815	4	0
12/30/2015	9:00:00	7.94639	8.36115	7.2936	7.96316	48.3983	4	0
12/30/2015	10:00:00	7.99435	8.28403	7.54558	5.73552	48.3983	4	0
12/30/2015	11:00:01	8.00258	8.16754	5.60164	6.48302	47.9899	4	0
12/30/2015	12:00:01	8.13957	8.15237	8.89001	11.2589	47.3773	4	0

12/30/2015	13:00:00	8.03954	7.67825	4.4851	6.14278	47.1731	4	0
12/30/2015	14:00:01	7.98911	7.40954	6.14378	6.1438	47.1731	4	0
12/30/2015	15:00:01	7.94149	7.25783	7.23743	7.37668	47.7857	4	0
12/30/2015	16:00:00	7.96173	7.40211	9.4873	10.028	47.7857	4	0
12/30/2015	17:00:01	8.01313	7.67197	8.92209	7.7579	48.1941	4	0
12/30/2015	18:00:01	7.96244	7.61747	8.74021	11.387	47.9899	4	0
12/30/2015	19:00:01	8.05621	7.6308	9.25461	6.50007	47.7857	4	0
12/30/2015	20:00:00	8.02707	7.64942	8.23903	8.0067	48.8068	4	0
12/30/2015	21:00:01	8.03544	7.69928	7.95884	7.69624	47.9899	4	0
12/30/2015	22:00:01	8.01348	7.73619	7.94763	8.55936	48.1941	4	0
12/30/2015	23:00:00	7.95512	7.76066	5.90322	6.25558	48.1941	4	0
12/31/2015	0:00:00	7.85658	7.5992	6.9473	7.31962	48.1941	4	0
12/31/2015	1:00:01	7.68731	7.73928	6.24963	8.4301	48.8068	4	0
12/31/2015	2:00:00	7.62301	7.88549	8.01258	7.28939	48.8068	4	0
12/31/2015	3:00:00	7.50058	7.78721	6.17064	6.84204	48.6026	4	0
12/31/2015	4:00:01	7.48204	7.60463	7.37428	7.78594	48.8068	4	0
12/31/2015	5:00:01	7.55673	7.48189	7.28152	5.77381	48.6026	4	0
12/31/2015	6:00:00	7.42389	7.25142	5.77402	5.29317	48.3983	4	0
12/31/2015	7:00:00	7.3126	7.01798	6.43091	8.14888	49.011	4	0
12/31/2015	8:00:01	7.3105	6.9991	7.99978	8.23206	49.2152	4	0
12/31/2015	9:00:00	7.29013	6.91746	7.08016	9.34617	48.8068	4	0
12/31/2015	10:00:01	0	0	0	0	23.8929	3	0
12/31/2015	11:00:02	0	0	0	2.36043	24.3013	4	0
12/31/2015	12:00:00	0	0	0	1.16123	23.6886	4	0
12/31/2015	13:00:01	0	0	3.52731	4.93023	23.6886	4	0
12/31/2015	14:00:01	0	0	4.97596	7.40097	23.6886	4	0
12/31/2015	15:00:00	0	0	5.46671	5.64469	24.3013	4	0
12/31/2015	16:00:00	0	0	7.0805	7.83412	24.7097	4	0
12/31/2015	17:00:01	0	0	8.69806	8.57016	24.5055	4	0
12/31/2015	18:00:01	0	0	9.09009	9.97762	25.1181	4	0
12/31/2015	19:00:00	0	0	9.83545	11.2609	25.1181	4	0
12/31/2015	20:00:01	0	0	9.16536	11.1018	25.3223	4	0
12/31/2015	21:00:01	0	0	7.6146	6.7621	24.9139	4	0
12/31/2015	22:00:00	0	0	7.0926	8.60615	25.1181	4	0
12/31/2015	23:00:00	0	0	8.19697	9.25539	25.935	4	0
1/1/2016	0:00:01	0	7.45922	8.78283	5.87026	25.7308	4	0

1/1/2016	1:00:00	0	7.90268	8.81525	9.79112	25.3223	4	0
1/1/2016	2:00:00	0	8.1176	7.82708	7.50244	25.935	4	0
1/1/2016	3:00:01	0	8.32934	7.92751	9.06896	25.7308	4	0
1/1/2016	4:00:01	0	8.48404	8.93244	10.6739	26.1392	4	0
1/1/2016	5:00:00	0	8.53595	9.02108	10.1031	26.1392	4	0
1/1/2016	6:00:00	0	8.44543	8.07318	8.96902	26.1392	4	0
1/1/2016	7:00:01	0	8.29484	7.99335	7.73722	26.3434	4	0
1/1/2016	8:00:00	0	8.29484	7.99335	6.57527	26.7518	4	0
1/1/2016	9:00:00	0	8.02326	6.71311	7.08851	26.956	4	0
1/1/2016	10:00:01	0	8.08666	7.84618	7.31498	26.956	4	0
1/1/2016	11:00:01	0	7.95355	6.42713	5.79945	26.5476	4	0
1/1/2016	12:00:00	7.59958	7.69823	5.69907	5.22904	26.956	4	0
1/1/2016	13:00:01	7.74588	7.53193	6.72865	7.8039	26.5476	4	0
1/1/2016	14:00:01	7.87818	7.52512	7.56484	7.49421	27.1602	4	0
1/1/2016	15:00:00	7.92606	7.39817	6.41001	6.07508	26.5476	4	0
1/1/2016	16:00:00	7.8838	7.16584	6.39588	9.1845	26.7518	4	0
1/1/2016	17:00:01	7.78093	6.90974	5.87703	5.44283	26.1392	4	0
1/1/2016	18:00:01	7.62811	6.6946	5.61991	6.76126	26.7518	4	0
1/1/2016	19:00:00	7.40768	6.40484	4.56872	5.26366	26.7518	4	0
1/1/2016	20:00:01	7.18922	6.20318	4.37958	3.31311	27.3645	4	0
1/1/2016	21:00:01	7.02667	5.95961	3.87541	4.44399	26.956	4	0
1/1/2016	22:00:00	6.8996	5.64003	4.05478	3.30298	27.3645	4	0
1/1/2016	23:00:00	6.74707	5.50883	5.00835	4.65465	27.1602	4	0
1/2/2016	0:00:01	6.56192	5.41185	4.60991	5.35195	27.3645	4	0
1/2/2016	1:00:00	6.56192	5.41185	4.60991	4.22995	26.956	4	0
1/2/2016	2:00:00	6.26874	5.06559	6.03143	9.1136	27.3645	4	0
1/2/2016	3:00:00	6.16084	4.98697	5.43448	5.08757	27.9771	4	0
1/2/2016	4:00:01	5.99327	4.88189	5.14729	6.89476	27.9771	4	0
1/2/2016	5:00:00	5.86358	4.89992	6.09116	8.67632	28.1813	4	0
1/2/2016	6:00:00	5.77588	4.94683	6.20283	6.08144	28.5897	4	0
1/2/2016	7:00:01	5.69497	5.07266	6.04323	8.05934	28.3855	4	0
1/2/2016	8:00:00	5.70917	5.27777	6.73179	7.60164	28.7939	4	0
1/2/2016	9:00:00	5.75601	5.58853	7.41278	7.51118	27.9771	4	0
1/2/2016	10:00:01	5.81664	6.01425	8.999	11.2465	27.5687	4	0
1/2/2016	11:00:01	5.99709	6.48133	10.4222	7.59217	27.9771	4	0
1/2/2016	12:00:00	6.18067	6.92307	9.63202	6.36534	26.956	4	0

1/2/2016	13:00:01	6.16001	7.08294	5.96783	5.69284	27.7729	4	0
1/2/2016	14:00:01	6.17058	7.22283	7.61863	5.87242	27.1603	4	0
1/2/2016	15:00:00	6.15145	7.26369	5.98617	4.38474	27.3645	4	0
1/2/2016	16:00:00	6.1923	7.44744	7.39617	7.7088	26.956	4	0
1/2/2016	17:00:01	6.21635	7.48642	7.02964	7.42986	27.7729	4	0
1/2/2016	18:00:00	6.26418	7.52306	6.64088	4.93347	28.3855	4	0
1/2/2016	19:00:01	6.31723	7.49878	5.83629	6.02195	28.3855	4	0
1/2/2016	20:00:01	6.42984	7.52335	7.19081	9.03564	28.1813	4	0
1/2/2016	21:00:00	6.58631	7.53906	7.76179	5.94494	28.1813	4	0
1/2/2016	22:00:00	6.69809	7.34882	6.85298	7.89726	28.1813	4	0
1/2/2016	23:00:01	6.76614	7.04299	6.94042	6.08688	28.3855	4	0
1/3/2016	0:00:00	6.87044	6.85443	7.52973	8.69869	28.5897	4	0
1/3/2016	1:00:00	6.97768	6.94059	7.10194	8.3967	28.794	4	0
1/3/2016	2:00:01	7.00471	6.884	6.97764	8.8367	29.4066	4	0
1/3/2016	3:00:00	7.06514	6.97162	7.03625	7.64058	28.9982	4	0
1/3/2016	4:00:00	7.15961	6.99273	7.63728	6.67622	29.6108	4	0
1/3/2016	5:00:00	7.22315	7.05268	7.70221	8.23517	29.4066	4	0
1/3/2016	6:00:01	7.28764	7.16571	8.03675	7.20223	29.815	4	0
1/3/2016	7:00:00	7.37188	7.3626	8.17121	7.44056	29.815	4	0
1/3/2016	8:00:00	7.47492	7.51294	8.60345	8.35817	29.6108	4	0
1/3/2016	9:00:01	7.57246	7.66997	9.38763	10.1157	29.2024	4	0
1/3/2016	10:00:01	7.62449	7.92898	9.583	8.06343	29.2024	4	0
1/3/2016	11:00:00	7.4977	7.96135	7.25196	5.72946	29.2024	4	0
1/3/2016	12:00:01	7.34828	7.83958	6.17387	4.87804	28.9982	4	0
1/3/2016	13:00:01	7.35425	7.75236	6.06933	5.68715	29.2024	4	0
1/3/2016	14:00:00	7.24725	7.58217	4.94953	4.568	29.4066	4	0
1/3/2016	15:00:00	7.29886	7.58763	7.09535	7.82247	29.815	4	0
1/3/2016	16:00:01	7.27526	7.51108	6.78738	8.5228	29.815	4	0
1/3/2016	17:00:01	7.25535	7.42525	6.94512	6.21732	29.6108	4	0
1/3/2016	18:00:00	7.2554	7.29804	6.54121	8.46517	29.4066	4	0
1/3/2016	19:00:01	7.25731	7.11729	6.26112	7.61121	30.2234	4	0
1/3/2016	20:00:01	8.25064	8.97915	30.9555	5.28134	29.6108	4	0
1/3/2016	21:00:00	8.14883	8.63832	5.3396	5.45351	29.815	4	0
1/3/2016	22:00:00	8.08349	8.28161	5.26702	4.92745	30.2234	4	0
1/3/2016	23:00:01	8.01024	8.10114	4.95296	4.13656	30.0192	4	0
1/4/2016	0:00:00	7.85191	7.92985	4.49442	4.58492	29.815	4	0

1/4/2016	1:00:00	7.72985	7.79788	4.75445	5.76411	31.0403	4	0
1/4/2016	2:00:01	7.6467	7.80826	5.14246	5.29202	31.2445	4	0
1/4/2016	3:00:01	7.55985	7.6424	5.12833	5.18637	30.6319	4	0
1/4/2016	4:00:00	7.41051	7.4213	4.09162	2.82093	30.4277	4	0
1/4/2016	5:00:00	7.3028	7.26615	4.95014	6.33959	31.0403	4	0
1/4/2016	6:00:01	7.20708	7.17149	4.99483	4.79094	30.6319	4	0
1/4/2016	7:00:00	7.07013	7.06335	4.98744	3.75052	30.6319	4	0
1/4/2016	8:00:00	6.93351	4.94936	5.32191	6.05105	30.2234	4	0
1/4/2016	9:00:01	6.93219	5.23836	8.62961	13.7762	30.4276	4	0
1/4/2016	10:00:01	7.75497	7.227	29.0748	17.4213	30.0192	4	0
1/4/2016	11:00:00	8.87623	9.64628	33.8709	52.977	29.6108	4	0
1/4/2016	12:00:01	10.182	12.3693	36.7737	42.8249	29.815	4	0
1/4/2016	13:00:01	11.2845	14.697	33.086	46.1284	30.0192	4	0
1/4/2016	14:00:01	11.7791	15.6751	17.1636	9.22922	29.6108	4	0
1/4/2016	15:00:00	11.8569	15.9978	9.31105	9.12326	29.815	4	0
1/4/2016	16:00:01	11.9	16.3075	7.93037	6.33599	30.0192	4	0
1/4/2016	17:00:01	11.8921	16.4716	7.58338	7.90661	30.2234	4	0
1/4/2016	18:00:00	11.8506	16.5382	6.71883	7.36601	31.0403	4	0
1/4/2016	19:00:01	11.8806	16.7072	7.24243	7.74649	31.0403	4	0
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1/4/2016	21:00:00	11.191	17.1709	11.1245	13.3368	30.6319	4	0
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1/4/2016	23:00:01	11.7862	14.0445	13.3101	14.8541	31.2445	4	0
1/5/2016	0:00:00	12.123	12.1244	13.3186	12.6508	32.2656	4	0
1/5/2016	1:00:00	12.3031	10.1084	7.69067	3.82531	31.4487	4	0
1/5/2016	2:00:00	12.2611	9.10375	5.25044	7.61486	31.6529	4	0
1/5/2016	3:00:01	12.2985	8.84968	6.20078	6.73283	32.0614	4	0
1/5/2016	4:00:00	12.367	8.70513	6.25894	6.26962	31.8571	4	0
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1/5/2016	8:00:00	12.722	8.57788	7.72258	7.93251	32.0613	4	0
1/5/2016	9:00:01	12.9335	8.63581	11.1275	11.2819	31.2445	4	0
1/5/2016	10:00:01	12.2576	8.6746	11.641	11.9962	30.8361	4	0
1/5/2016	11:00:00	11.4055	8.54539	11.298	9.87279	31.0403	4	0
1/5/2016	12:00:01	10.158	7.9492	6.25349	8.9876	31.2445	4	0

1/5/2016	13:00:01	9.03607	7.79282	5.69923	5.86604	31.0403	4	0
1/5/2016	14:00:01	8.60806	7.91019	6.51546	5.99345	30.4277	4	0
1/5/2016	15:00:00	8.44933	7.87286	6.06946	7.06678	30.8361	4	0
1/5/2016	16:00:01	8.40154	7.90215	6.62249	8.20642	31.4487	4	0
1/5/2016	17:00:01	8.42035	8.05876	8.4976	9.19196	31.0403	4	0
1/5/2016	18:00:00	8.56299	8.37115	10.8009	10.1625	32.0613	4	0
1/5/2016	19:00:00	8.66882	8.52416	9.81706	11.5278	31.4487	4	0
1/5/2016	20:00:01	8.68727	8.6579	9.53147	10.232	31.8571	4	0
1/5/2016	21:00:00	8.62691	8.55051	10.0631	11.98	31.8571	4	0
1/5/2016	22:00:00	8.51531	8.32346	9.08074	8.38254	32.4698	4	0
1/5/2016	23:00:01	8.27213	8.02641	7.75207	8.117	32.674	4	0
1/6/2016	0:00:01	8.09317	8.27152	9.12501	7.53688	32.2656	4	0
1/6/2016	1:00:00	8.09873	8.45786	7.92883	8.02176	32.4698	4	0
1/6/2016	2:00:00	8.24151	8.64623	8.73061	10.0604	32.2656	4	0
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1/6/2016	4:00:00	8.4005	8.97338	8.0093	8.36028	32.4698	4	0
1/6/2016	5:00:00	8.48966	8.98318	8.56333	9.19883	32.4698	4	0
1/6/2016	6:00:01	8.58712	8.83687	8.889	8.32144	32.4698	4	0
1/6/2016	7:00:01	8.59645	8.72178	8.58545	9.33885	32.8782	4	0
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1/6/2016	9:00:01	8.72313	8.90137	11.8714	13.8702	32.4698	4	0
1/6/2016	10:00:01	8.77131	9.18121	12.028	11.328	32.674	4	0
1/6/2016	11:00:00	8.77125	9.41942	9.88079	8.7082	32.674	4	0
1/6/2016	12:00:00	8.81366	9.24972	7.08439	6.52186	31.8571	4	0
1/6/2016	13:00:01	9.05379	9.50936	10.788	9.97397	32.0614	4	0
1/6/2016	14:00:01	9.15354	9.48722	8.26646	8.45191	32.0613	4	0
1/6/2016	15:00:00	9.39372	9.75139	12.1572	13.9784	32.4698	4	0
1/6/2016	16:00:01	9.68164	10.2271	14.1677	12.6846	31.8571	4	0
1/6/2016	17:00:01	9.84554	10.5409	12.4466	11.8128	32.4698	4	0
1/6/2016	18:00:00	9.86698	10.7579	11.8589	12.4951	32.8782	4	0
1/6/2016	19:00:00	9.93873	10.9901	11.3563	10.6143	32.4698	4	0
1/6/2016	20:00:01	10.0537	11.2171	12.2616	11.9219	32.4698	4	0
1/6/2016	21:00:00	10.0626	11.0983	10.9353	10.789	32.4698	4	0
1/6/2016	22:00:00	10.1251	10.9722	10.5684	10.7985	32.8782	4	0
1/6/2016	23:00:01	10.2398	11.0279	10.5379	10.3004	32.8782	4	0
1/7/2016	0:00:01	10.2722	11.2677	9.88852	11.3401	32.8782	4	0

1/7/2016	1:00:00	10.3523	11.2147	10.3459	11.6053	32.8782	4	0
1/7/2016	2:00:00	10.3943	11.3455	9.7077	9.77432	32.4698	4	0
1/7/2016	3:00:01	10.4496	11.1857	10.2506	10.6127	33.0824	4	0
1/7/2016	4:00:00	10.574	10.9147	10.6677	12.5772	32.8782	4	0
1/7/2016	5:00:00	10.5973	10.6628	9.56795	12.1592	33.2866	4	0
1/7/2016	6:00:01	10.6527	10.5412	10.4512	11.4811	33.695	4	0
1/7/2016	7:00:01	10.7552	10.5154	10.8958	11.3363	33.2866	4	0
1/7/2016	8:00:00	10.832	10.4476	11.4191	13.0306	33.4908	4	0
1/7/2016	9:00:01	10.7616	10.3745	9.82063	7.10241	33.8993	4	0
1/7/2016	10:00:01	10.734	10.4545	11.5778	8.44185	32.674	4	0
1/7/2016	11:00:00	10.8898	10.6952	13.2701	10.8886	33.695	4	0
1/7/2016	12:00:00	11.0923	10.834	11.2615	19.6274	33.2866	4	0
1/7/2016	13:00:01	11.02	10.7007	8.5876	14.2952	33.4908	4	0
1/7/2016	14:00:01	11.1497	10.8451	11.6349	10.7754	33.2866	4	0
1/7/2016	15:00:00	11.1892	11.063	12.7779	12.8992	33.695	4	0
1/7/2016	16:00:01	11.091	11.1755	12.2578	16.6696	33.4908	4	0
1/7/2016	17:00:01	11.0988	11.4349	12.7884	13.1367	33.695	4	0
1/7/2016	18:00:00	11.1266	11.6111	12.6798	10.7346	34.5119	4	0
1/7/2016	19:00:00	11.1995	11.7806	12.8267	13.9853	33.695	4	0
1/7/2016	20:00:01	11.254	11.9822	14.2275	14.7839	34.1035	4	0
1/7/2016	21:00:00	11.3765	12.3312	14.1428	13.5164	34.5119	4	0
1/7/2016	22:00:00	11.7673	13.0297	19.9933	15.1849	34.9203	4	0
1/7/2016	23:00:01	11.9152	13.0965	14.0486	13.4046	34.5119	4	0
1/8/2016	0:00:01	12.0687	13.3171	14.241	14.4461	34.9203	4	0
1/8/2016	1:00:00	12.2128	13.7221	12.8313	12.6128	34.5119	4	0
1/8/2016	2:00:00	12.4128	13.9754	14.7926	12.9441	34.7161	4	0
1/8/2016	3:00:01	12.4257	13.8135	11.0173	11.874	35.1245	4	0
1/8/2016	4:00:00	12.4257	13.8135	11.0173	11.2036	34.5119	4	0
1/8/2016	5:00:00	12.4897	13.5328	10.2006	9.28334	34.9203	4	0
1/8/2016	6:00:01	12.445	13.2532	9.16788	9.37219	34.3077	4	0
1/8/2016	7:00:01	12.3644	12.928	8.78015	9.16918	35.1245	4	0
1/8/2016	8:00:00	12.2549	12.4802	8.90032	9.70597	34.9203	4	0
1/8/2016	9:00:01	12.2488	12.0752	8.97772	7.122	35.3287	4	0
1/8/2016	10:00:00	12.1555	11.1799	9.36303	11.1785	35.1245	4	0
1/8/2016	11:00:00	12.006	10.7817	9.05032	9.03787	34.3077	4	0
1/8/2016	12:00:01	11.8007	10.0861	5.83052	5.63381	34.5119	4	0

1/8/2016	13:00:01	11.7413	9.60286	7.12866	6.54278	34.7161	4	0
1/8/2016	14:00:00	11.5909	9.00909	7.694	7.11749	34.9203	4	0
1/8/2016	15:00:01	11.5816	9.13833	12.7301	10.5937	34.5119	4	0
1/8/2016	16:00:01	11.4396	8.92904	8.65362	9.02466	34.7161	4	0
1/8/2016	17:00:00	11.1498	8.55083	5.68094	6.98659	34.5119	4	0
1/8/2016	18:00:00	10.8429	8.26671	6.04237	6.09494	34.7161	4	0
1/8/2016	19:00:01	10.5668	8.06647	6.50764	9.67764	34.7161	4	0
1/8/2016	20:00:00	10.5668	8.06647	6.50764	10.127	34.7161	4	0
1/8/2016	21:00:00	9.9637	7.78384	7.11132	8.02144	34.5119	4	0
1/8/2016	22:00:01	9.40578	7.5843	7.0741	8.00469	34.7161	4	0
1/8/2016	23:00:01	9.15526	7.52655	8.45554	9.92347	34.9203	4	0
1/9/2016	0:00:00	8.85353	7.64801	7.33856	6.20936	35.3287	4	0
1/9/2016	1:00:00	8.54403	7.52532	5.72619	2.75315	34.9203	4	0
1/9/2016	2:00:01	8.18731	7.43843	6.79901	11.6937	35.3287	4	0
1/9/2016	3:00:00	8.07779	7.10436	8.69819	9.83346	34.7161	4	0
1/9/2016	4:00:00	7.84349	6.87124	5.9033	7.08636	35.7372	4	0
1/9/2016	5:00:01	7.71964	7.00517	7.23868	6.42126	35.7372	4	0
1/9/2016	6:00:01	7.65512	7.16081	8.03587	8.87037	36.1456	4	0
1/9/2016	7:00:00	7.59564	7.2269	7.16098	7.17179	36.1456	4	0
1/9/2016	8:00:01	7.49791	7.15251	6.79979	7.21883	36.1456	4	0
1/9/2016	9:00:01	7.45147	7.21964	7.87246	8.46338	36.3498	4	0
1/9/2016	10:00:00	7.44944	7.39826	9.06091	9.12149	36.3498	4	0
1/9/2016	11:00:00	7.37878	7.30383	7.21116	7.70903	36.1456	4	0
1/9/2016	12:00:00	7.40429	7.23238	6.439	6.0905	36.7582	4	0
1/9/2016	13:00:01	7.35088	7.24082	5.81197	11.3663	36.7582	4	0
1/9/2016	14:00:01	7.22979	7.08013	4.96383	5.3186	36.554	4	0
1/9/2016	15:00:00	6.9828	6.90343	6.47601	5.20925	36.9625	4	0
1/9/2016	16:00:01	6.82606	6.8179	4.96287	3.14916	36.9625	4	0
1/9/2016	17:00:01	6.74778	6.52459	3.64242	2.57403	36.554	4	0
1/9/2016	18:00:00	6.64931	6.15981	3.66388	3.83958	36.554	4	0
1/9/2016	19:00:00	6.50704	5.82808	3.25514	5.19169	36.7582	4	0
1/9/2016	20:00:01	6.37937	5.66395	5.01389	6.59859	37.3709	4	0
1/9/2016	21:00:00	6.33533	5.50981	5.98288	5.23429	37.1667	4	0
1/9/2016	22:00:00	6.33533	5.50981	5.98288	7.439	38.1877	4	0
1/9/2016	23:00:01	6.14392	5.09801	5.88532	4.17759	37.9835	4	0
1/10/2016	0:00:01	6.1233	5.13613	6.8692	7.61537	37.5751	4	0

1/10/2016	1:00:00	6.18878	5.26928	7.39822	6.74533	38.5961	4	0
1/10/2016	2:00:00	6.20519	5.45689	7.2251	8.95012	38.5961	4	0
1/10/2016	3:00:01	6.12294	5.48368	6.80222	5.91838	39.0046	4	0
1/10/2016	4:00:00	6.14735	5.61364	6.51393	7.72394	39.0046	4	0
1/10/2016	5:00:00	6.11908	5.85715	6.67024	6.23634	39.413	4	0
1/10/2016	6:00:01	6.17493	6.32783	9.41132	14.4833	39.413	4	0
1/10/2016	7:00:01	6.29709	6.90389	10.4898	9.90854	40.0256	4	0
1/10/2016	8:00:00	6.39707	7.24678	9.12453	9.00113	40.0256	4	0
1/10/2016	9:00:01	6.46331	7.53751	9.60349	9.87614	40.2298	4	0
1/10/2016	10:00:01	6.46984	7.8123	8.42229	5.80875	39.8214	4	0
1/10/2016	11:00:00	6.46847	7.91237	7.12521	7.95774	39.413	4	0
1/10/2016	12:00:00	6.56107	8.05708	8.53921	9.43565	40.6383	4	0
1/10/2016	13:00:01	6.67296	8.14532	8.31695	8.28707	40.6383	4	0
1/10/2016	14:00:01	6.88147	8.37795	9.99021	10.7938	40.4341	4	0
1/10/2016	15:00:00	7.13317	8.84993	12.5041	12.6694	40.0256	4	0
1/10/2016	16:00:01	7.40982	9.27413	11.585	11.5042	39.8214	4	0
1/10/2016	17:00:01	7.66268	9.54346	10.1431	9.2204	40.8425	4	0
1/10/2016	18:00:00	7.93892	9.62296	10.1636	9.75269	40.4341	4	0
1/10/2016	19:00:00	8.20994	9.58321	10.1706	10.9821	40.4341	4	0
1/10/2016	20:00:01	8.41555	9.65559	9.99708	10.2166	40.8425	4	0
1/10/2016	21:00:00	8.56413	9.6505	9.5949	11.3377	40.6383	4	0
1/10/2016	22:00:00	8.74673	9.77139	9.79811	10.9143	40.6383	4	0
1/10/2016	23:00:01	8.92865	10.0368	10.4249	10.1459	41.0467	4	0
1/11/2016	0:00:01	9.09856	10.2281	10.719	9.94311	41.4551	4	0
1/11/2016	1:00:00	9.22558	10.3978	10.2876	11.4604	41.0467	4	0
1/11/2016	2:00:00	9.3016	10.31	8.775	8.63437	41.0467	4	0
1/11/2016	3:00:01	9.40454	10.0587	9.63133	8.78663	41.6593	4	0
1/11/2016	4:00:00	9.49459	9.78719	7.83987	5.87642	41.0467	4	0
1/11/2016	5:00:01	9.59003	9.66636	8.45577	9.12782	41.2509	4	0
1/11/2016	6:00:01	9.56308	9.54661	8.77852	9.32589	40.8425	4	0
1/11/2016	7:00:00	9.44266	9.29804	6.91061	5.03549	40.8425	4	0
1/11/2016	8:00:01	9.45138	9.21773	8.87959	10.4705	41.6593	4	0
1/11/2016	9:00:00	9.50874	9.29564	10.2632	10.1999	40.6383	4	0
1/11/2016	10:00:01	9.63832	9.39259	10.6585	8.10116	40.4341	4	0
1/11/2016	11:00:01	9.7561	9.26342	8.26439	5.80612	39.6172	4	0
1/11/2016	12:00:01	9.70658	8.94675	6.94849	6.86811	39.8214	4	0

1/11/2016	13:00:00	9.67555	8.67577	7.0195	6.26438	39.6172	4	0
1/11/2016	14:00:01	9.64365	8.61396	7.48023	9.43491	38.8004	4	0
1/11/2016	15:00:01	9.50108	8.55512	9.18431	10.0461	39.2088	4	0
1/11/2016	16:00:00	9.44505	8.72553	9.81106	10.1539	38.8004	4	0
1/11/2016	17:00:00	9.46469	8.8745	10.2138	10.3578	39.0046	4	0
1/11/2016	18:00:01	9.42691	8.92183	9.73476	9.75007	38.3919	4	0
1/11/2016	19:00:00	9.36185	9.08102	9.05933	10.6403	38.5961	4	0
1/11/2016	20:00:00	9.27713	8.99336	7.94119	7.66374	38.5962	4	0
1/11/2016	21:00:01	9.21723	8.80923	8.30339	7.92104	38.8004	4	0
1/11/2016	22:00:01	9.31325	8.93303	12.4724	14.7148	38.8004	4	0
1/11/2016	23:00:00	9.67148	9.90452	20.6097	26.9242	38.3919	4	0
1/12/2016	0:00:00	10.0666	11.0595	21.1754	19.3477	39.8214	4	0
1/12/2016	1:00:01	10.2745	11.764	15.3595	14.9188	38.8004	4	0
1/12/2016	2:00:00	10.5224	12.3985	15.2328	20.5573	39.0046	4	0
1/12/2016	3:00:00	10.8015	13.0366	17.0943	11.1844	39.2088	4	0
1/12/2016	4:00:01	10.9373	13.1864	11.978	11.67	39.413	4	0
1/12/2016	5:00:01	11.227	13.6561	15.9434	21.9612	39.413	4	0
1/12/2016	6:00:01	12.3461	15.9437	39.1788	41.8867	41.2509	4	0
1/12/2016	7:00:00	13.7677	18.6787	42.9284	35.883	41.2509	4	0
1/12/2016	8:00:01	14.9075	21.0881	37.5795	35.4426	40.8425	4	0
1/12/2016	9:00:01	15.6671	22.8067	29.1869	23.5669	41.2509	4	0
1/12/2016	10:00:00	16.238	23.817	23.4751	19.9035	41.2509	4	0
1/12/2016	11:00:00	17.1851	24.721	30.3069	30.9763	41.0467	4	0
1/12/2016	12:00:01	18.8212	26.8621	46.5039	45.3854	41.4551	4	0
1/12/2016	13:00:01	19.9462	28.43	33.1098	28.962	41.0467	4	0
1/12/2016	14:00:00	20.6373	29.1773	23.3901	21.5525	40.8425	4	0
1/12/2016	15:00:01	21.3278	29.9553	27.0976	26.6229	41.6593	4	0
1/12/2016	16:00:01	21.9143	30.9885	25.345	24.3264	41.8635	4	0
1/12/2016	17:00:00	22.2982	31.3284	20.9075	19.6777	42.272	4	0
1/12/2016	18:00:00	22.6034	29.5328	17.2963	18.229	41.8635	4	0
1/12/2016	19:00:01	22.961	27.4572	17.7651	17.1933	42.6804	4	0
1/12/2016	20:00:00	23.2184	25.5939	16.2001	15.3753	42.0678	4	0
1/12/2016	21:00:00	23.5048	24.4631	15.8056	15.3996	41.8635	4	0
1/12/2016	22:00:01	23.5907	23.7453	15.095	16.264	42.6804	4	0
1/12/2016	23:00:01	23.4006	22.5252	15.1655	14.9408	42.6804	4	0
1/13/2016	0:00:00	23.1913	19.9532	14.5248	12.6793	42.272	4	0

1/13/2016	1:00:00	23.1217	18.3698	13.775	12.6196	42.6804	4	0
1/13/2016	2:00:01	23.035	17.5502	13.4018	16.6401	43.0888	4	0
1/13/2016	3:00:00	22.9591	16.5322	14.2935	14.7611	43.293	4	0
1/13/2016	4:00:00	23.0184	15.5072	12.5377	12.1952	42.8846	4	0
1/13/2016	5:00:01	23.0961	15.0626	14.6266	16.0855	42.6804	4	0
1/13/2016	6:00:01	22.2399	15.0377	16.6024	16.9273	42.272	4	0
1/13/2016	7:00:00	21.1296	14.8335	15.1188	14.1122	42.0678	4	0
1/13/2016	8:00:01	20.0778	14.386	10.3524	10.5646	42.4762	4	0
1/13/2016	9:00:01	19.3678	13.9368	9.81886	10.0432	41.8635	4	0
1/13/2016	10:00:00	18.8745	13.54	10.0483	11.9363	42.0678	4	0
1/13/2016	11:00:00	18.2611	13.4718	14.1411	22.804	41.6593	4	0
1/13/2016	12:00:01	16.8876	13.1588	9.54757	9.03646	41.0467	4	0
1/13/2016	13:00:01	15.9947	12.8811	10.1085	10.5084	40.6383	4	0
1/13/2016	14:00:00	15.5234	12.6643	10.5936	11.6099	39.8214	4	0
1/13/2016	15:00:01	14.8527	12.3226	10.2288	8.79034	40.0256	4	0
1/13/2016	16:00:01	14.3144	12.3348	13.1826	12.3011	40.0256	4	0
1/13/2016	17:00:00	13.9793	12.2724	15.053	12.8057	40.4341	4	0
1/13/2016	18:00:00	13.6439	11.7276	11.2707	11.6077	40.8425	4	0
1/13/2016	19:00:01	13.4521	11.5387	13.1109	13.6546	40.6383	4	0
1/13/2016	20:00:00	13.2651	11.6567	11.8772	12.2771	40.4341	4	0
1/13/2016	21:00:00	13.1379	11.9252	13.1919	13.1865	40.8425	4	0
1/13/2016	22:00:00	12.9625	12.0455	11.849	12.6689	40.8425	4	0
1/13/2016	23:00:01	12.7653	11.7599	10.9618	11.3724	41.0467	4	0
1/14/2016	0:00:00	12.5482	11.7963	10.1914	11.4335	40.6383	4	0
1/14/2016	1:00:00	12.4296	11.8472	10.1452	10.5011	40.4341	4	0
1/14/2016	2:00:01	12.3445	11.913	10.9324	13.3239	40.4341	4	0
1/14/2016	3:00:01	12.3711	12.3458	15.2458	19.7026	40.4341	4	0
1/14/2016	4:00:00	12.3024	12.1743	10.866	8.83029	40.6383	4	0
1/14/2016	5:00:01	12.0664	11.685	9.03374	8.05068	40.2298	4	0
1/14/2016	6:00:01	11.7016	11.4389	8.28427	8.63459	39.8214	4	0
1/14/2016	7:00:00	11.4183	11.0891	9.14485	9.59139	40.0256	4	0
1/14/2016	8:00:01	11.3841	10.9082	9.81405	11.0721	39.8214	4	0
1/14/2016	9:00:01	11.4813	10.7678	11.0945	13.3768	40.0256	4	0
1/14/2016	10:00:01	11.5543	10.7344	11.3286	13.6774	38.8004	4	0
1/14/2016	11:00:00	11.4619	10.8048	11.6542	7.94457	38.5961	4	0
1/14/2016	12:00:01	11.4755	10.7377	9.25427	11.5516	38.3919	4	0

1/14/2016	13:00:01	11.5631	10.8691	11.5604	12.3896	38.8004	4	0
1/14/2016	14:00:00	11.579	10.8539	10.8414	11.7645	38.8004	4	0
1/14/2016	15:00:00	11.7082	10.6158	12.3455	12.5725	37.5751	4	0
1/14/2016	16:00:01	11.5583	10.5495	10.6237	12.7613	38.3919	4	0
1/14/2016	17:00:00	11.3227	10.6556	10.8829	13.165	38.3919	4	0
1/14/2016	18:00:00	11.3585	11.0126	12.8291	13.3983	38.8004	4	0
1/14/2016	19:00:01	11.2841	11.2234	11.8409	13.809	38.8004	4	0
1/14/2016	20:00:00	11.2661	11.3789	11.8465	11.8936	39.413	4	0
1/14/2016	21:00:00	11.1317	11.341	11.1297	11.3427	39.413	4	0
1/14/2016	22:00:00	11.157	11.4369	12.3033	12.353	39.2088	4	0
1/14/2016	23:00:01	11.2061	11.5038	12.5657	12.6888	39.0046	4	0
1/15/2016	0:00:00	11.2956	11.7841	12.5943	13.6031	39.0046	4	0
1/15/2016	1:00:01	11.3645	11.8344	12.2331	13.0689	39.8214	4	0
1/15/2016	2:00:00	11.3813	11.9018	11.6186	13.3633	39.6172	4	0
1/15/2016	3:00:00	11.1623	11.7601	10.6779	12.413	39.6172	4	0
1/15/2016	4:00:01	11.147	11.7834	10.9482	13.4085	40.0256	4	0
1/15/2016	5:00:01	11.2445	11.8351	11.4031	12.2119	39.8214	4	0
1/15/2016	6:00:00	11.3215	11.6433	10.7665	11.3034	40.0256	4	0
1/15/2016	7:00:01	11.4173	11.619	11.444	10.088	39.8214	4	0
1/15/2016	8:00:01	11.4457	11.5462	11.2073	12.9909	40.0256	4	0
1/15/2016	9:00:00	11.4457	11.5462	11.2073	14.6304	40.0256	4	0
1/15/2016	10:00:00	11.4084	11.4551	9.08949	7.21977	40.0256	4	0
1/15/2016	11:00:01	11.246	11.1173	9.00063	7.12403	40.8425	4	0
1/15/2016	12:00:01	11.1972	10.7905	8.9301	11.0513	40.8425	4	0
1/15/2016	13:00:00	11.1486	10.6697	10.8803	12.7349	41.4551	4	0
1/15/2016	14:00:00	11.1685	10.6383	10.9557	11.6057	40.8425	4	0
1/15/2016	15:00:01	11.2703	10.9657	14.3681	17.9392	41.0467	4	0
1/15/2016	16:00:01	11.5835	11.5956	18.6833	18.85	41.2509	4	0
1/15/2016	17:00:00	11.8783	12.1496	17.9184	20.5481	41.8635	4	0
1/15/2016	18:00:00	12.2053	12.9588	20.1538	20.8187	41.0467	4	0
1/15/2016	19:00:01	12.5671	13.7422	21.024	20.1133	41.4551	4	0
1/15/2016	20:00:00	12.7311	14.1255	15.7006	14.8983	41.6593	4	0
1/15/2016	21:00:00	12.8713	14.1942	14.1804	15.2291	41.6593	4	0
1/15/2016	22:00:01	12.7834	14.2853	10.2368	10.2105	41.4551	4	0
1/15/2016	23:00:01	12.6799	14.3683	10.0578	11.3615	42.0678	4	0
1/16/2016	0:00:00	12.524	14.3451	8.63574	10.014	42.0678	4	0

1/16/2016	1:00:00	12.3773	14.1337	8.07882	7.64356	41.6593	4	0
1/16/2016	2:00:01	12.2544	13.9579	9.30898	8.44941	41.8635	4	0
1/16/2016	3:00:00	12.1639	13.4621	8.31497	8.3637	42.272	4	0
1/16/2016	4:00:00	11.9868	12.4782	7.06066	7.16483	42.272	4	0
1/16/2016	5:00:01	11.7946	11.5545	6.84462	6.709	42.4762	4	0
1/16/2016	6:00:01	11.6987	10.5929	8.514	9.2465	42.6804	4	0
1/16/2016	7:00:00	11.5278	9.46471	7.40656	8.15443	42.6804	4	0
1/16/2016	8:00:01	11.3814	8.81855	7.97058	9.99683	42.6804	4	0
1/16/2016	9:00:01	11.2459	8.53462	10.8493	11.3248	43.0888	4	0
1/16/2016	10:00:00	11.281	8.54019	10.3707	9.83153	43.4972	4	0
1/16/2016	11:00:01	11.1715	8.27022	6.89134	3.8692	43.4972	4	0
1/16/2016	12:00:00	11.0747	7.98298	4.45798	4.92069	43.293	4	0
1/16/2016	13:00:01	10.8895	7.82956	6.10851	8.21522	43.0888	4	0
1/16/2016	14:00:01	10.7244	7.59282	6.22424	6.02862	42.6804	4	0
1/16/2016	15:00:00	10.4799	7.60782	8.52375	10.2052	42.6804	4	0
1/16/2016	16:00:01	10.0589	7.74023	8.77255	7.22861	43.4972	4	0
1/16/2016	17:00:01	9.64837	7.88148	8.90116	8.0269	44.1099	4	0
1/16/2016	18:00:00	9.16858	7.87997	8.58646	8.47808	43.4972	4	0
1/16/2016	19:00:00	8.73401	8.12167	10.3645	10.6901	44.1099	4	0
1/16/2016	20:00:01	8.55578	8.40685	11.5567	11.9477	43.9057	4	0
1/16/2016	21:00:00	8.47428	8.50938	12.0819	13.4495	44.3141	4	0
1/16/2016	22:00:00	8.49151	8.5496	11.0822	11.8669	44.9267	4	0
1/16/2016	23:00:01	8.48855	8.82979	10.6939	9.89763	45.3351	4	0
1/17/2016	0:00:01	8.57224	9.36224	11.306	8.0719	45.7436	4	0
1/17/2016	1:00:00	8.59469	9.57241	8.73323	7.52109	46.3562	4	0
1/17/2016	2:00:00	8.64462	9.90881	10.0441	13.6398	46.152	4	0
1/17/2016	3:00:01	8.64578	9.89199	8.10872	7.05072	45.9478	4	0
1/17/2016	4:00:00	8.72958	9.92701	9.07554	9.77751	46.152	4	0
1/17/2016	5:00:00	8.72958	9.92701	9.07554	14.5831	46.7646	4	0
1/17/2016	6:00:01	9.29648	10.8998	16.5782	15.1461	45.7436	4	0
1/17/2016	7:00:01	9.39188	10.8815	10.5021	9.45359	46.9689	4	0
1/17/2016	8:00:00	9.42222	10.6659	8.95092	8.41265	46.5604	4	0
1/17/2016	9:00:01	9.38146	10.4696	9.27672	11.454	46.5604	4	0
1/17/2016	10:00:01	9.33802	10.3139	8.93866	10.2574	47.3773	4	0
1/17/2016	11:00:00	9.38725	10.0729	7.271	7.4102	46.3562	4	0
1/17/2016	12:00:00	9.47776	9.66832	6.10169	4.96152	45.7436	4	0

1/17/2016	13:00:01	9.50175	9.47123	6.1253	4.17556	45.9478	4	0
1/17/2016	14:00:01	9.51143	9.14536	5.91164	7.22582	46.3562	4	0
1/17/2016	15:00:00	9.49253	9.10841	7.51552	7.62512	45.7436	4	0
1/17/2016	16:00:01	9.43464	8.97503	7.75054	8.56691	47.1731	4	0
1/17/2016	17:00:01	9.38725	8.6059	8.51397	12.0842	46.3562	4	0
1/17/2016	18:00:00	9.40307	7.9646	8.83713	9.84285	46.3562	4	0
1/17/2016	19:00:00	9.28164	7.71309	7.67406	7.03011	46.7646	4	0
1/17/2016	20:00:01	9.17129	7.68944	8.73155	8.35942	46.9689	4	0
1/17/2016	21:00:00	8.99387	7.5527	7.71673	10.5823	46.7646	4	0
1/17/2016	22:00:00	8.84814	7.43189	7.56528	8.59939	46.7646	4	0
1/17/2016	23:00:01	8.71755	7.44362	7.39816	9.29761	47.1731	4	0
1/18/2016	0:00:01	8.53408	7.505	6.862	6.34958	47.3773	4	0
1/18/2016	1:00:00	8.4655	7.58396	7.06074	7.29702	47.5815	4	0
1/18/2016	2:00:00	8.32926	7.65672	6.81654	7.05247	47.1731	4	0
1/18/2016	3:00:01	8.25766	7.57614	6.56748	7.95185	47.9899	4	0
1/18/2016	4:00:00	8.19821	7.55798	7.37948	7.75438	47.5815	4	0
1/18/2016	5:00:00	7.9597	7.41815	6.86553	7.25823	47.1731	4	0
1/18/2016	6:00:01	7.59525	7.31739	7.55037	9.29218	47.9899	4	0
1/18/2016	7:00:01	7.51862	7.40097	8.68035	11.3249	48.1941	4	0
1/18/2016	8:00:00	7.45426	7.28478	7.20357	6.2065	47.9899	4	0
1/18/2016	9:00:01	7.40902	7.29132	7.43644	8.60997	47.5815	4	0
1/18/2016	10:00:01	7.35598	7.27142	7.04958	5.99029	46.9689	4	0
1/18/2016	11:00:00	7.35598	7.27142	7.04958	5.6349	46.7646	4	0
1/18/2016	12:00:00	7.40877	7.25777	6.71688	7.06844	46.7646	4	0
1/18/2016	13:00:01	7.44515	7.2291	6.59352	5.82851	45.7436	4	0
1/18/2016	14:00:01	7.4721	7.18313	6.1656	7.18218	46.3562	4	0
1/18/2016	15:00:00	7.43765	7.17997	6.57369	6.81934	46.5604	4	0
1/18/2016	16:00:01	7.44288	7.20247	7.65847	10.2742	46.152	4	0
1/18/2016	17:00:01	7.38715	7.2544	7.91816	9.24633	46.152	4	0
1/18/2016	18:00:00	7.34973	7.29191	8.23151	9.42691	47.1731	4	0
1/18/2016	19:00:00	7.41199	7.33547	9.44507	9.30277	47.1731	4	0
1/18/2016	20:00:01	7.43966	7.52107	9.5904	10.776	47.3773	4	0
1/18/2016	21:00:00	7.55918	7.79062	10.8235	9.82342	47.3773	4	0
1/18/2016	22:00:00	7.7019	8.12348	11.1002	10.2656	47.3773	4	0
1/18/2016	23:00:01	7.86397	8.49479	11.6911	12.3414	47.7857	4	0
1/19/2016	0:00:00	8.03349	8.85115	10.9794	11.2339	47.7857	4	0

1/19/2016	1:00:00	8.11205	9.05441	9.01783	9.00722	47.1731	4	0
1/19/2016	2:00:00	8.25399	9.40679	10.4771	8.99641	47.9899	4	0
1/19/2016	3:00:01	8.36316	9.64023	9.44566	9.24477	47.7857	4	0
1/19/2016	4:00:00	8.43982	9.79184	9.56809	10.4713	47.7857	4	0
1/19/2016	5:00:00	8.55548	9.94653	9.70949	10.7875	48.1941	4	0
1/19/2016	6:00:01	8.62702	10.0466	9.426	10.7237	47.5815	4	0
1/19/2016	7:00:00	8.68433	10.1186	10.3953	13.5949	48.3983	4	0
1/19/2016	8:00:00	8.81337	10.1541	9.30899	8.39577	47.9899	4	0
1/19/2016	9:00:01	9.79561	11.8147	30.2356	40.1732	47.1731	4	0
1/19/2016	10:00:01	10.4098	12.6648	20.4799	14.2972	47.1731	4	0
1/19/2016	11:00:00	10.8065	13.0431	15.891	11.3159	46.5604	4	0
1/19/2016	12:00:01	11.0648	13.1493	11.4722	13.4543	46.3562	4	0
1/19/2016	13:00:01	11.2415	13.2656	10.0625	9.6299	46.152	4	0
1/19/2016	14:00:00	11.5071	13.4148	12.3587	12.2732	46.5604	4	0
1/19/2016	15:00:00	11.697	13.5165	10.4561	11.2699	45.9478	4	0
1/19/2016	16:00:01	11.7376	13.4243	8.76646	9.27803	46.152	4	0
1/19/2016	17:00:01	11.7505	13.3235	9.36752	8.99133	46.152	4	0
1/19/2016	18:00:00	11.7875	13.2862	9.20892	8.83553	45.9478	4	0
1/19/2016	19:00:00	11.7782	13.1781	9.43103	8.75491	46.7646	4	0
1/19/2016	20:00:01	11.8037	13.2316	9.88581	12.0438	46.152	4	0
1/19/2016	21:00:01	11.722	11.3938	8.71955	9.03113	46.152	4	0
1/19/2016	22:00:00	11.6628	10.4861	9.92743	8.67414	46.152	4	0
1/19/2016	23:00:00	11.5876	9.98521	10.0199	13.0855	45.9478	4	0
1/20/2016	0:00:01	11.408	9.60247	6.95875	3.27008	46.7646	4	0
1/20/2016	1:00:00	11.2003	9.10698	4.08673	4.01766	46.152	4	0
1/20/2016	2:00:00	10.967	8.49415	4.97025	6.19854	46.3562	4	0
1/20/2016	3:00:01	10.7961	8.08961	5.60656	6.0401	45.7436	4	0
1/20/2016	4:00:01	10.6065	7.85693	6.28175	4.47275	46.5604	4	0
1/20/2016	5:00:00	10.5277	7.75462	8.17208	11.806	46.5604	4	0
1/20/2016	6:00:00	10.6846	8.11448	13.5617	12.9369	47.3773	4	0
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1/20/2016	8:00:00	10.7044	8.1596	10.1492	11.4561	45.9478	4	0
1/20/2016	9:00:00	9.91558	8.3585	10.5888	12.2342	45.5394	4	0
1/20/2016	10:00:01	9.4485	8.30308	9.0583	7.11622	46.152	4	0
1/20/2016	11:00:00	9.17667	8.22036	8.7173	7.05889	45.3351	4	0
1/20/2016	12:00:01	8.94978	8.16021	6.36429	7.23905	45.1309	4	0

1/20/2016	13:00:01	8.72518	8.24264	5.31243	7.47721	45.7436	4	0
1/20/2016	14:00:00	8.52407	8.45893	7.50109	7.72501	45.7436	4	0
1/20/2016	15:00:01	8.43543	8.69265	8.46467	9.51088	45.7436	4	0
1/20/2016	16:00:01	8.43998	8.9332	9.54238	10.0319	45.5394	4	0
1/20/2016	17:00:00	8.43574	9.05438	10.1247	11.0978	46.3562	4	0
1/20/2016	18:00:01	8.51537	8.85471	11.4401	11.7739	46.7646	4	0
1/20/2016	19:00:01	8.63097	9.12252	12.9463	12.1545	47.1731	4	0
1/20/2016	20:00:00	8.63002	9.10885	10.1045	10.9423	47.3773	4	0
1/20/2016	21:00:00	8.80694	9.31756	13.0681	14.6066	46.7646	4	0
1/20/2016	22:00:01	9.01394	9.83292	15.4378	17.4136	47.5815	4	0
1/20/2016	23:00:00	9.22308	10.3779	15.2365	15.9552	47.3773	4	0
1/21/2016	0:00:00	9.49539	10.98	13.5421	14.8914	47.7857	4	0
1/21/2016	1:00:01	10.0044	11.8956	16.1611	15.6956	48.1941	4	0
1/21/2016	2:00:01	10.4066	12.5169	15.2116	16.2067	47.9899	4	0
1/21/2016	3:00:00	10.8038	13.0621	14.4201	14.9298	47.9899	4	0
1/21/2016	4:00:00	11.1655	13.5274	15.0375	16.4331	48.8068	4	0
1/21/2016	5:00:01	11.5661	14.1567	17.2181	16.5295	47.7857	4	0
1/21/2016	6:00:00	11.6284	14.4688	15.1413	15.6051	47.5815	4	0
1/21/2016	7:00:00	11.934	14.7938	17.0237	21.8218	47.9899	4	0
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1/21/2016	9:00:01	12.7935	16.2371	20.9711	20.532	47.1731	4	0
1/21/2016	10:00:00	13.0393	16.1308	13.1965	12.4256	47.1731	4	0
1/21/2016	11:00:01	13.1973	15.8161	10.4689	7.82307	46.7646	4	0
1/21/2016	12:00:01	13.3143	15.4032	8.46487	8.30052	46.3562	4	0
1/21/2016	13:00:00	13.4975	14.8063	8.98595	9.64635	46.152	4	0
1/21/2016	14:00:01	13.6583	14.4328	10.9538	14.5791	45.9478	4	0
1/21/2016	15:00:01	13.8889	14.3257	13.0143	12.2531	46.3562	4	0
1/21/2016	16:00:01	13.9804	14.0122	11.6551	17.9439	45.7436	4	0
1/21/2016	17:00:00	14.0123	13.5699	13.6015	14.5689	46.7646	4	0
1/21/2016	18:00:01	14.0686	13.3731	13.2603	12.4869	46.7646	4	0
1/21/2016	19:00:01	14.05	13.0392	13.9426	16.2171	47.1731	4	0
1/21/2016	20:00:00	14.1403	12.5665	12.8091	11.3225	47.5815	4	0
1/21/2016	21:00:01	14.0704	11.7778	11.7831	14.2037	47.3773	4	0
1/21/2016	22:00:01	14.0826	12.0127	16.078	19.0633	47.3773	4	0
1/21/2016	23:00:00	14.2244	12.7216	18.9509	16.3631	47.7857	4	0
1/22/2016	0:00:00	14.4213	13.5434	18.1124	19.4982	47.5815	4	0

1/22/2016	1:00:01	14.3529	14.0233	14.5728	11.7964	47.3773	4	0
1/22/2016	2:00:00	14.3529	14.0233	14.5728	13.8523	47.7857	4	0
1/22/2016	3:00:00	14.0435	13.9725	12.9362	13.8707	47.7857	4	0
1/22/2016	4:00:00	13.9157	14.0572	12.7816	14.5363	47.9899	4	0
1/22/2016	5:00:01	13.7199	13.9707	12.1587	10.6233	47.9899	4	0
1/22/2016	6:00:00	13.5753	13.8043	10.4872	10.9176	47.9899	4	0
1/22/2016	7:00:00	13.3037	13.5181	10.2175	10.1224	47.9899	4	0
1/22/2016	8:00:00	13.0587	13.4826	12.388	15.8107	47.3773	4	0
1/22/2016	9:00:00	12.7233	13.5755	12.6735	11.7584	47.1731	4	0
1/22/2016	10:00:01	12.5764	13.0337	9.63664	9.12022	46.7646	4	0
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1/22/2016	12:00:00	12.6607	11.6183	11.3896	11.8134	47.1731	4	0
1/22/2016	13:00:01	12.7979	11.3925	11.8418	11.4129	46.9689	4	0
1/22/2016	14:00:01	12.8375	11.5261	12.3621	10.5136	47.1731	4	0
1/22/2016	15:00:00	12.745	11.2816	9.75374	10.518	46.9689	4	0
1/22/2016	16:00:00	12.7815	11.2747	13.187	14.0505	46.7646	4	0
1/22/2016	17:00:01	12.6073	11.0521	9.75132	10.7803	47.5815	4	0
1/22/2016	18:00:01	12.3675	10.8229	7.97892	6.58569	47.5815	4	0
1/22/2016	19:00:01	12.0996	10.6191	7.94522	8.36901	47.9899	4	0
1/22/2016	20:00:00	11.8587	10.1792	7.16567	7.76324	47.7857	4	0
1/22/2016	21:00:01	11.6927	9.8017	8.32265	8.35807	47.9899	4	0
1/22/2016	22:00:01	11.3381	9.63315	7.54752	7.33969	47.9899	4	0
1/22/2016	23:00:00	10.8371	9.54644	7.88266	7.81101	48.1941	4	0
1/23/2016	0:00:00	10.3496	9.19848	7.57897	7.16361	47.9899	4	0
1/23/2016	1:00:01	9.99811	8.74402	6.3215	5.1661	48.1941	4	0
1/23/2016	2:00:01	9.83124	8.25337	6.26536	7.08226	48.3983	4	0
1/23/2016	3:00:00	9.61489	8.04964	6.84735	6.89231	47.7857	4	0
1/23/2016	4:00:00	9.34277	7.49064	6.39424	7.96554	47.9899	4	0
1/23/2016	5:00:01	9.11814	7.21815	6.21433	5.98682	48.1941	4	0
1/23/2016	6:00:00	8.9431	7.07844	6.2646	5.99937	47.7857	4	0
1/23/2016	7:00:00	8.79787	6.98733	6.88698	7.12422	47.9899	4	0
1/23/2016	8:00:01	8.59598	7.01045	7.36514	7.89917	47.9899	4	0
1/23/2016	9:00:01	8.35256	6.87246	6.58375	6.18605	47.7857	4	0
1/23/2016	10:00:00	8.19712	6.70794	5.40815	5.35246	46.9689	4	0
1/23/2016	11:00:01	8.19294	6.66047	6.77765	8.07458	46.5604	4	0
1/23/2016	12:00:01	8.11551	6.83898	9.96695	-0.59723	46.9689	4	0

1/23/2016	13:00:00	7.59308	6.23683	-0.937079	1.2069	47.1731	4	0
1/23/2016	14:00:00	7.18001	5.9229	2.5958	2.60633	46.3562	4	0
1/23/2016	15:00:01	6.90856	5.61874	3.28824	9.34288	46.3562	4	0
1/23/2016	16:00:01	6.53459	5.45205	4.53594	4.62544	46.9689	4	0
1/23/2016	17:00:00	6.34868	5.42094	6.16779	4.59428	47.3773	4	0
1/23/2016	18:00:01	6.20982	5.28732	4.70548	5.63697	47.3773	4	0
1/23/2016	19:00:01	6.16109	5.29077	7.05324	5.49727	47.1731	4	0
1/23/2016	20:00:00	6.10457	5.15894	5.81192	5.06891	47.5815	4	0
1/23/2016	21:00:00	5.99555	5.10258	6.01267	5.5268	47.7857	4	0
1/23/2016	22:00:01	5.94538	5.19443	6.57711	8.3161	48.3983	4	0
1/23/2016	23:00:00	5.98872	5.38616	9.03404	9.74105	47.7857	4	0
1/24/2016	0:00:00	6.05431	5.33994	9.33466	8.3218	47.9899	4	0
1/24/2016	1:00:01	6.13199	6.09671	8.22739	8.15564	48.1941	4	0
1/24/2016	2:00:01	6.24803	6.63798	9.11026	10.3257	48.6026	4	0
1/24/2016	3:00:00	6.31177	7.06151	8.31311	7.69331	48.3983	4	0
1/24/2016	4:00:00	6.39283	7.38108	8.29882	8.88795	48.1941	4	0
1/24/2016	5:00:01	6.42793	7.46033	7.11941	6.95816	48.6026	4	0
1/24/2016	6:00:00	6.54727	7.82485	8.91809	9.61249	48.6026	4	0
1/24/2016	7:00:00	6.68366	8.08802	10.2064	10.0304	48.3983	4	0
1/24/2016	8:00:01	6.79845	8.4468	10.0178	10.4341	48.6026	4	0
1/24/2016	9:00:01	6.93308	8.76352	9.77145	9.61199	48.6026	4	0
1/24/2016	10:00:00	7.20299	9.18344	10.9847	12.4874	47.7857	4	0
1/24/2016	11:00:01	7.47951	9.53423	13.17	15.6075	47.3773	4	0
1/24/2016	12:00:01	7.61666	9.8351	12.5678	13.0417	47.5815	4	0
1/24/2016	13:00:00	8.25273	10.3208	13.9205	14.5922	46.9689	4	0
1/24/2016	14:00:00	8.65108	10.5498	11.8152	9.02678	46.7646	4	0
1/24/2016	15:00:01	9.05341	10.928	13.1247	12.2798	46.9689	4	0
1/24/2016	16:00:01	9.44018	11.3701	13.6204	13.4538	47.3773	4	0
1/24/2016	17:00:00	9.73146	11.8911	13.9762	12.2368	47.1731	4	0
1/24/2016	18:00:01	10.0289	12.1245	11.8185	12.0172	47.3773	4	0
1/24/2016	19:00:01	10.2177	12.2399	11.9171	12.7196	47.9899	4	0
1/24/2016	20:00:00	10.4358	12.3316	11.5152	12.3592	47.5815	4	0
1/24/2016	21:00:00	10.5642	12.2848	9.58896	9.37829	48.3983	4	0
1/24/2016	22:00:01	10.6867	12.168	9.66521	8.29543	48.6026	4	0
1/24/2016	23:00:00	10.6875	11.8087	8.50679	8.87463	47.9899	4	0
1/25/2016	0:00:00	10.6096	11.4049	7.81669	7.96692	48.3983	4	0

1/25/2016	1:00:01	10.5629	10.8472	7.08982	6.01701	47.7857	4	0
1/25/2016	2:00:01	10.4892	10.5032	7.73928	9.60792	48.3983	4	0
1/25/2016	3:00:00	10.4257	9.99064	6.87972	7.24188	48.3983	4	0
1/25/2016	4:00:00	10.3948	9.50021	7.60791	7.77251	48.6026	4	0
1/25/2016	5:00:01	10.3797	8.89964	6.6423	6.03124	48.1941	4	0
1/25/2016	6:00:00	10.2498	8.4348	6.37409	8.37083	48.8068	4	0
1/25/2016	7:00:00	10.1119	8.00346	6.53592	5.30039	48.8068	4	0
1/25/2016	8:00:01	9.94182	7.56318	6.31637	6.76738	48.3983	4	0
1/25/2016	9:00:01	9.86266	7.34147	6.48941	6.5145	47.3773	4	0
1/25/2016	10:00:00	9.74193	7.14484	7.04362	6.28863	47.1731	4	0
1/25/2016	11:00:01	9.4961	7.05603	7.54424	8.01581	47.5815	4	0
1/25/2016	12:00:01	9.33541	7.09347	8.13202	13.7183	46.7646	4	0
1/25/2016	13:00:00	9.07223	7.1478	7.85382	7.60156	47.3773	4	0
1/25/2016	14:00:00	8.90397	7.13781	7.64231	9.14373	47.3773	4	0
1/25/2016	15:00:01	8.69749	7.24819	8.28191	9.49676	47.3773	4	0
1/25/2016	16:00:01	8.57055	7.50012	10.7496	17.5737	47.1731	4	0
1/25/2016	17:00:00	8.3959	7.7783	10.1142	9.13371	47.3773	4	0
1/25/2016	18:00:01	8.2774	7.9876	8.83884	8.60394	47.3773	4	0
1/25/2016	19:00:01	8.22	8.31479	10.3789	12.0348	47.1731	4	0
1/25/2016	20:00:00	8.2622	8.8186	12.1361	11.8652	47.3773	4	0
1/25/2016	21:00:00	8.36774	9.30298	12.4285	12.6162	47.3773	4	0
1/25/2016	22:00:01	8.28545	9.39334	8.57466	6.88884	47.7857	4	0
1/25/2016	23:00:00	8.17249	9.2863	6.84985	8.06416	48.3983	4	0
1/26/2016	0:00:00	8.0692	9.07872	5.91236	6.09031	47.7857	4	0
1/26/2016	1:00:00	8.14061	9.17785	9.22285	9.50277	48.6026	4	0
1/26/2016	2:00:01	8.28435	9.49078	11.4899	10.1789	48.3983	4	0
1/26/2016	3:00:00	8.25061	9.33359	6.63616	5.14846	48.6026	4	0
1/26/2016	4:00:00	8.21504	9.02132	6.97643	8.15611	48.6026	4	0
1/26/2016	5:00:01	8.28361	8.8798	8.27132	7.76576	48.8068	4	0
1/26/2016	6:00:00	8.36761	8.8746	8.93316	10.1205	49.011	4	0
1/26/2016	7:00:00	8.42887	8.70547	8.29576	8.12844	48.8068	4	0
1/26/2016	8:00:01	8.50015	8.40419	8.36112	9.51735	49.6236	4	0
1/26/2016	9:00:01	8.56542	8.07998	8.32942	6.57216	49.8278	4	0
1/26/2016	10:00:00	8.57979	7.98048	7.11815	7.49132	49.2152	4	0
1/26/2016	11:00:01	8.49339	7.87123	5.50202	4.45006	50.2362	4	0
1/26/2016	12:00:01	8.334	7.71743	3.88467	5.02571	49.011	4	0

1/26/2016	13:00:01	0	0	0	0	25.7308	3	0
1/26/2016	14:00:00	0	0	0	-7.36362	25.935	4	0
1/26/2016	15:00:00	0	0	0	2.62491	26.1392	4	0
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1/26/2016	17:00:01	0	0	3.28794	2.6256	26.1392	4	0
1/26/2016	18:00:00	0	0	4.1042	2.77758	26.1392	4	0
1/26/2016	19:00:01	0	0	2.92902	1.94029	25.7308	4	0
1/26/2016	20:00:01	0	0	4.40807	4.18323	25.935	4	0
1/26/2016	21:00:00	0	0	4.10794	3.55828	26.1392	4	0
1/26/2016	22:00:00	0	0	4.56607	3.90076	26.1392	4	0
1/26/2016	23:00:01	0	0	4.1639	4.57735	26.1392	4	0
1/27/2016	0:00:00	0	0	3.50055	5.4172	26.1392	4	0
1/27/2016	1:00:00	0	0	3.13295	0.942808	25.935	4	0
1/27/2016	2:00:01	0	0	2.78247	2.32265	26.1392	4	0
1/27/2016	3:00:01	0	3.54512	3.56083	4.04717	26.3434	4	0
1/27/2016	4:00:00	0	3.74545	4.41951	4.46499	26.3434	4	0
1/27/2016	5:00:00	0	3.78075	3.72071	2.97532	26.956	4	0
1/27/2016	6:00:01	0	3.76134	3.87876	4.78216	26.1392	4	0
1/27/2016	7:00:00	0	3.89019	4.483	5.51438	26.1392	4	0
1/27/2016	8:00:00	0	3.82012	3.52751	5.35564	25.5266	4	0
1/27/2016	9:00:01	0	3.7797	3.58428	1.79673	25.7308	4	0
1/27/2016	10:00:01	0	3.69429	3.53033	4.78297	25.935	4	0
1/27/2016	11:00:00	0	3.77394	5.09599	8.49048	26.1392	4	0
1/27/2016	12:00:00	0	3.97774	5.9054	7.53876	25.7308	4	0
1/27/2016	13:00:01	0	3.9788	3.06995	4.84907	25.5265	4	0
1/27/2016	14:00:01	0	4.14704	4.77277	1.22603	25.935	4	0
1/27/2016	15:00:00	3.93349	4.30674	5.44418	6.16444	25.3223	4	0
1/27/2016	16:00:00	4.14833	4.53216	7.18353	8.25579	25.5265	4	0
1/27/2016	17:00:01	4.27208	4.74404	6.31575	5.33645	26.3434	4	0
1/27/2016	18:00:01	4.39287	5.00488	7.04526	5.90802	26.3434	4	0
1/27/2016	19:00:00	4.61846	5.32087	8.25766	9.67542	26.1392	4	0
1/27/2016	20:00:01	4.71593	5.59028	6.76209	7.54447	26.3434	4	0
1/27/2016	21:00:01	4.89164	5.98599	8.33108	11.2608	26.1392	4	0
1/27/2016	22:00:00	4.89164	5.98599	8.33108	8.68538	26.7518	4	0
1/27/2016	23:00:00	5.3338	6.8783	10.6632	10.5245	26.3434	4	0
1/28/2016	0:00:01	5.62852	7.26648	10.6745	10.9698	26.956	4	0

1/28/2016	1:00:00	5.93138	7.87843	10.4486	10.5516	26.956	4	0
1/28/2016	2:00:00	6.2273	8.29985	9.66234	1.36774	26.7518	4	0
1/28/2016	3:00:00	6.36938	8.42714	6.94534	7.29287	26.956	4	0
1/28/2016	4:00:01	6.49205	8.44621	7.52211	7.47162	26.956	4	0
1/28/2016	5:00:00	6.64305	8.53244	7.37618	11.1657	27.5687	4	0
1/28/2016	6:00:00	6.80861	8.60211	7.97339	7.94477	27.5687	4	0
1/28/2016	7:00:01	6.8184	8.31694	5.03606	10.1106	28.1813	4	0
1/28/2016	8:00:00	7.23011	8.8498	12.6337	7.46763	27.3645	4	0
1/28/2016	9:00:00	7.38365	8.73927	6.6067	2.47845	27.1602	4	0
1/28/2016	10:00:01	7.4178	8.38375	4.48792	4.71912	27.5687	4	0
1/28/2016	11:00:01	7.41471	7.89521	4.62556	3.91939	27.3645	4	0
1/28/2016	12:00:00	7.31918	7.30872	3.81977	3.04265	26.7518	4	0
1/28/2016	13:00:01	7.39149	6.81309	4.47502	5.18148	26.956	4	0
1/28/2016	14:00:01	7.39151	6.40785	4.95837	7.54531	27.1602	4	0
1/28/2016	15:00:01	7.41013	6.32511	6.04685	7.30702	27.3645	4	0
1/28/2016	16:00:00	7.38261	6.26056	6.92463	7.57419	27.3645	4	0
1/28/2016	17:00:01	7.35536	6.13017	5.93272	6.72179	27.5687	4	0
1/28/2016	18:00:01	7.31414	5.98426	6.3454	6.70346	27.5687	4	0
1/28/2016	19:00:00	7.25527	6.15676	7.24771	6.65534	27.7729	4	0
1/28/2016	20:00:00	7.25527	6.15676	7.24771	7.16092	28.3855	4	0
1/28/2016	21:00:00	7.22829	5.7963	6.87334	7.7752	28.3855	4	0
1/28/2016	22:00:01	7.20842	6.11602	8.39587	5.45379	28.5897	4	0
1/28/2016	23:00:00	7.05328	6.31475	7.02864	5.96929	28.3855	4	0
1/29/2016	0:00:00	7.05328	6.31475	7.02864	5.16645	28.9982	4	0
1/29/2016	1:00:01	6.71852	6.72526	6.50509	5.64321	29.2024	4	0
1/29/2016	2:00:01	6.61593	6.9155	7.26439	10.4338	29.2024	4	0
1/29/2016	3:00:00	6.52694	6.82708	5.0785	6.93883	29.6108	4	0
1/29/2016	4:00:00	6.47771	6.80286	6.81942	6.35336	29.6108	4	0
1/29/2016	5:00:01	6.38775	6.74543	5.19301	5.16039	29.815	4	0
1/29/2016	6:00:00	6.35966	6.83473	7.47356	6.83301	30.2234	4	0
1/29/2016	7:00:00	6.40696	6.76349	6.42733	8.94001	30.4277	4	0
1/29/2016	8:00:01	6.30377	6.8806	8.85443	8.28274	30.0192	4	0
1/29/2016	9:00:01	6.38516	7.02528	8.67144	6.57356	30.2234	4	0
1/29/2016	10:00:00	6.45293	6.82685	5.76948	5.24656	29.4066	4	0
1/29/2016	11:00:00	0	0	0	0	23.2802	1	0
1/29/2016	12:00:01	0	0	0	0	23.4844	4	0

1/29/2016	13:00:01	0	0	0	-1.22073	23.2802	4	0
1/29/2016	14:00:01	0	0	0	4.95261	23.4844	4	0
1/29/2016	15:00:00	0	0	3.60471	8.78379	23.2802	4	0
1/29/2016	16:00:00	0	0	2.54759	4.80988	23.076	4	0
1/29/2016	17:00:01	0	0	7.28519	9.91526	23.4844	4	0
1/29/2016	18:00:01	0	0	5.09687	5.87316	23.2802	4	0
1/29/2016	19:00:00	0	0	6.84418	7.825	23.2802	4	0
1/29/2016	20:00:01	0	0	6.50426	5.9787	23.2802	4	0
1/29/2016	21:00:01	0	0	6.0337	8.29766	23.4844	4	0
1/29/2016	22:00:00	0	0	6.68216	5.28999	23.6886	4	0
1/29/2016	23:00:00	0	0	5.32217	5.21712	23.076	4	0
1/30/2016	0:00:01	0	0	6.26005	6.58097	23.4844	4	0
1/30/2016	1:00:00	0	0	5.9509	6.67848	23.4844	4	0
1/30/2016	2:00:00	0	5.90338	8.53698	8.317	23.4844	4	0
1/30/2016	3:00:01	0	6.23056	7.48599	5.74486	24.0971	4	0
1/30/2016	4:00:01	0	6.60194	7.04697	5.79269	23.4844	4	0
1/30/2016	5:00:00	0	6.54868	6.70034	7.08721	23.8929	4	0
1/30/2016	6:00:00	0	6.81395	8.58442	10.2197	24.5055	4	0
1/30/2016	7:00:01	0	7.01037	9.3662	6.69008	24.9139	4	0
1/30/2016	8:00:00	0	7.21478	8.77474	8.97841	24.0971	4	0
1/30/2016	9:00:00	0	7.37243	7.79096	8.51647	24.5055	4	0
1/30/2016	10:00:01	0	7.73783	10.5292	11.6669	23.8929	4	0
1/30/2016	11:00:01	0	8.21393	10.8795	9.53199	24.3013	4	0
1/30/2016	12:00:00	0	8.52059	9.35306	9.03531	23.6886	4	0
1/30/2016	13:00:01	0	8.5855	7.03873	4.92051	23.8929	4	0
1/30/2016	14:00:01	7.39473	8.81956	11.0599	11.0635	23.8929	4	0
1/30/2016	15:00:00	7.86884	9.43657	14.958	17.1372	24.3013	4	0
1/30/2016	16:00:00	8.24546	9.82833	12.2848	10.852	24.5055	4	0
1/30/2016	17:00:01	8.44957	10.3118	13.0458	14.1713	24.7097	4	0
1/30/2016	18:00:00	8.82038	10.7806	14.7967	17.1217	24.9139	4	0
1/30/2016	19:00:01	9.08328	11.0913	13.1841	18.8002	24.9139	4	0
1/30/2016	20:00:01	9.26157	11.2616	11.0036	10.6767	25.1181	4	0
1/30/2016	21:00:00	9.53136	11.6672	12.9694	12.6398	25.935	4	0
1/30/2016	22:00:00	10.0963	12.462	19.6089	17.7526	25.935	4	0
1/30/2016	23:00:01	10.6013	13.0301	17.9889	21.975	25.7308	4	0
1/31/2016	0:00:00	11.0045	13.5853	15.811	18.6711	26.1392	4	0

1/31/2016	1:00:00	11.6449	14.7801	21.3171	14.8101	26.7518	4	0
1/31/2016	2:00:01	11.8437	14.9788	13.2127	13.3674	27.1603	4	0
1/31/2016	3:00:01	12.2908	15.2705	18.2298	20.42	26.956	4	0
1/31/2016	4:00:00	12.8499	15.9672	20.5893	16.2308	27.7729	4	0
1/31/2016	5:00:00	13.4016	16.4875	17.9718	13.4158	27.3645	4	0
1/31/2016	6:00:01	13.6921	16.4825	13.4578	12.2357	27.5687	4	0
1/31/2016	7:00:00	13.8045	16.416	12.9672	17.7972	27.5687	4	0
1/31/2016	8:00:00	13.9047	16.4125	10.6884	11.0611	27.1603	4	0
1/31/2016	9:00:01	14.0847	16.3607	12.984	19.5072	27.9771	4	0
1/31/2016	10:00:01	14.3217	16.0085	14.6892	13.472	27.5687	4	0
1/31/2016	11:00:00	14.4628	15.6255	12.9647	14.2379	27.5687	4	0
1/31/2016	12:00:01	14.6152	15.3461	12.5053	12.5952	27.5687	4	0
1/31/2016	13:00:01	14.8363	14.597	13.2373	14.1286	28.1813	4	0
1/31/2016	14:00:00	15.0297	14.8076	16.2083	19.8194	27.9771	4	0
1/31/2016	15:00:00	15.1155	14.8159	20.0393	15.6782	28.794	4	0
1/31/2016	16:00:01	15.2806	14.5076	17.7934	23.8681	28.5897	4	0
1/31/2016	17:00:01	15.4423	14.5069	18.7162	16.9991	29.6108	4	0
1/31/2016	18:00:00	15.3293	14.4473	12.9664	11.7953	30.2234	4	0
1/31/2016	19:00:01	15.1992	14.2826	11.4681	11.2327	29.4066	4	0
1/31/2016	20:00:01	15.0138	14.0353	8.38544	8.80746	30.2234	4	0
1/31/2016	21:00:00	14.7436	13.5269	6.78634	5.57545	30.0192	4	0
1/31/2016	22:00:00	14.164	12.7899	5.44978	5.57906	30.6319	4	0
1/31/2016	23:00:01	13.6247	12.1478	4.87314	5.02535	30.2234	4	0
2/1/2016	0:00:00	13.1422	11.5185	4.90911	5.13626	30.6319	4	0
2/1/2016	1:00:00	12.4533	10.8579	5.16795	4.49191	31.2445	4	0
2/1/2016	2:00:01	12.1424	9.99706	5.13522	6.72947	31.0403	4	0
2/1/2016	3:00:01	11.5922	8.79455	5.20872	6.35537	30.4277	4	0
2/1/2016	4:00:00	10.9156	7.71938	4.6489	3.8254	31.4487	4	0
2/1/2016	5:00:00	10.4376	6.71158	6.24682	6.59997	30.6319	4	0
2/1/2016	6:00:01	10.2073	6.27293	7.43311	7.72695	31.4487	4	0
2/1/2016	7:00:00	10.0163	6.0237	8.37393	6.2408	31.2445	4	0
2/1/2016	8:00:00	9.92509	5.92226	6.82167	8.23448	31.0403	4	0
2/1/2016	9:00:01	9.79329	6.12866	9.17966	11.2793	30.6319	4	0
2/1/2016	10:00:01	9.62734	6.45544	9.09792	9.00353	30.8361	4	0
2/1/2016	11:00:00	9.52499	6.8504	9.43791	6.59208	30.6319	4	0
2/1/2016	12:00:01	9.36823	7.2244	9.85859	8.32951	30.8361	4	0

2/1/2016	13:00:01	9.10558	7.34159	6.63383	8.02608	31.2445	4	0
2/1/2016	14:00:00	8.78826	7.57079	7.81178	9.33042	31.4487	4	0
2/1/2016	15:00:00	8.27629	7.73495	7.17749	8.29161	31.6529	4	0
2/1/2016	16:00:01	7.83671	7.9326	7.21407	7.43341	31.6529	4	0
2/1/2016	17:00:01	7.46553	8.21013	9.80199	9.82018	31.4487	4	0
2/1/2016	18:00:00	7.30415	8.33298	9.01746	11.3192	32.0613	4	0
2/1/2016	19:00:01	7.14724	8.26721	7.72844	8.18846	31.6529	4	0
2/1/2016	20:00:01	7.05204	8.20741	6.19053	4.55865	31.8571	4	0
2/1/2016	21:00:00	7.07378	8.05834	7.45171	7.67404	32.2656	4	0
2/1/2016	22:00:00	7.14296	7.89378	6.91979	5.61611	32.4698	4	0
2/1/2016	23:00:01	7.27793	7.79328	8.09201	7.98678	32.8782	4	0
2/2/2016	0:00:00	7.37959	7.59345	7.42192	5.68814	32.8782	4	0
2/2/2016	1:00:00	7.50624	7.70591	7.69054	10.3312	32.2656	4	0
2/2/2016	2:00:01	7.75751	7.98116	10.9936	12.4609	32.8782	4	0
2/2/2016	3:00:01	8.07087	8.43548	12.4713	14.0766	32.2656	4	0
2/2/2016	4:00:00	8.4293	8.93722	13.1914	12.4217	32.0614	4	0
2/2/2016	5:00:00	8.7	9.15501	12.0837	13.4158	32.674	4	0
2/2/2016	6:00:01	8.95056	9.51847	13.3693	10.0621	32.2656	4	0
2/2/2016	7:00:00	9.07631	9.81046	11.0875	5.93024	32.8782	4	0
2/2/2016	8:00:00	9.17606	10.0462	8.85661	4.82851	33.0824	4	0
2/2/2016	9:00:01	9.15102	10.1135	7.99677	11.1635	32.4698	4	0
2/2/2016	10:00:01	9.00655	9.99265	5.43118	6.9844	32.4698	4	0
2/2/2016	11:00:00	8.80837	9.67144	3.93196	-4.401	32.2656	4	0
2/2/2016	12:00:01	8.64018	9.53656	5.9479	8.18674	32.2656	4	0
2/2/2016	13:00:01	8.6074	9.37313	5.78593	7.75743	32.2656	4	0
2/2/2016	14:00:00	8.52182	8.92473	5.81158	2.31134	32.4698	4	0
2/2/2016	15:00:00	8.42472	8.23516	3.98676	6.41384	32.2656	4	0
2/2/2016	16:00:01	8.37566	7.63895	6.51138	8.93781	32.4698	4	0
2/2/2016	17:00:01	8.17986	7.04974	5.18219	7.06758	32.4698	4	0
2/2/2016	18:00:00	8.07073	6.4697	6.68831	5.23612	32.8782	4	0
2/2/2016	19:00:01	8.00044	6.04962	6.21678	7.48011	32.2656	4	0
2/2/2016	20:00:01	8.11682	6.07248	9.28334	7.74525	33.0824	4	0
2/2/2016	21:00:00	8.1416	6.08092	8.13567	8.16714	32.8782	4	0
2/2/2016	22:00:00	8.18001	6.29298	8.00868	5.91851	32.8782	4	0
2/2/2016	23:00:01	8.14872	6.59452	7.56753	4.04038	33.0824	4	0
2/3/2016	0:00:00	8.07585	6.59112	5.96273	6.52573	33.4908	4	0

2/3/2016	1:00:00	8.0238	6.65107	6.4723	8.76995	33.2866	4	0
2/3/2016	2:00:01	7.74061	6.54246	4.55913	7.46367	33.695	4	0
2/3/2016	3:00:01	7.43826	6.66939	5.52284	4.23637	33.0824	4	0
2/3/2016	4:00:00	7.09387	6.56477	5.28149	6.4079	33.4908	4	0
2/3/2016	5:00:00	6.80177	6.57372	5.29616	5.25181	33.695	4	0
2/3/2016	6:00:01	6.43522	6.4135	4.73004	6.41655	33.2866	4	0
2/3/2016	7:00:00	6.1895	6.34913	5.54146	6.41563	33.8993	4	0
2/3/2016	8:00:01	6.10787	6.15761	6.94541	7.00598	33.2866	4	0
2/3/2016	9:00:00	6.12248	6.17213	8.19287	7.46967	33.2866	4	0
2/3/2016	10:00:00	6.21169	6.14424	7.72043	7.31792	33.4908	4	0
2/3/2016	11:00:01	6.32611	6.08285	6.91684	6.24901	33.2866	4	0
		LOST POWER						
2/4/2016	9:00:00	0	0	0	0	35.1245	3	0
2/4/2016	10:00:01	0	0	0	8.43974	34.9203	4	0
2/4/2016	11:00:01	0	0	0	4.55709	34.5119	4	0
2/4/2016	12:00:00	0	0	5.7639	7.68128	34.5119	4	0
2/4/2016	13:00:00	0	0	6.37451	6.6843	34.7161	4	0
2/4/2016	14:00:00	0	0	6.87929	8.36834	34.3077	4	0
2/4/2016	15:00:01	0	0	8.27077	7.93139	34.1035	4	0
2/4/2016	16:00:01	0	0	8.38269	6.33815	34.3077	4	0
2/4/2016	17:00:00	0	0	8.38269	6.16774	35.1245	4	0
2/4/2016	18:00:00	0	0	7.34735	6.87851	34.3077	4	0
2/4/2016	19:00:01	0	0	6.8137	7.66284	34.3077	4	0
2/4/2016	20:00:01	0	0	6.93456	7.51555	34.3077	4	0
2/4/2016	21:00:01	0	0	5.61426	5.32739	34.7161	4	0
2/4/2016	22:00:00	0	0	6.48631	5.91055	34.7161	4	0
2/4/2016	23:00:01	0	6.81115	6.45071	6.31134	35.533	4	0
2/5/2016	0:00:01	0	6.80657	5.63418	5.56518	34.9203	4	0
2/5/2016	1:00:00	0	6.72727	5.53069	5.06182	35.7372	4	0
2/5/2016	2:00:00	0	6.71305	6.56672	6.78983	34.5119	4	0
2/5/2016	3:00:01	0	6.81804	9.65559	12.5298	34.9203	4	0
2/5/2016	4:00:01	0	7.05191	11.1882	11.2522	34.9203	4	0
2/5/2016	5:00:00	0	7.39367	10.7968	10.6958	35.7372	4	0
2/5/2016	6:00:00	0	7.692	10.8545	9.84735	35.533	4	0
2/5/2016	7:00:00	0	7.77179	7.87172	8.40426	35.7372	4	0

2/5/2016	8:00:01	0	7.79732	7.26532	8.04069	35.3287	4	0
2/5/2016	9:00:01	0	7.88134	6.69758	7.32662	35.3287	4	0
2/5/2016	10:00:00	0	7.93912	7.12942	9.56608	36.1456	4	0
2/5/2016	11:00:00	7.38678	8.00037	7.09796	6.69222	35.7372	4	0
2/5/2016	12:00:01	7.42698	8.08609	6.54011	6.57793	35.9414	4	0
2/5/2016	13:00:01	7.41593	8.13431	6.11425	5.06441	35.9414	4	0
2/5/2016	14:00:00	7.41536	8.14242	6.38586	7.44988	35.9414	4	0
2/5/2016	15:00:00	7.4131	8.01414	8.02969	9.17183	36.554	4	0
2/5/2016	16:00:01	7.42338	7.80207	8.70957	8.29519	36.1456	4	0
2/5/2016	17:00:01	7.47678	7.55558	7.84872	9.15414	36.554	4	0
2/5/2016	18:00:00	7.47678	7.55558	7.84872	7.65143	35.9414	4	0
2/5/2016	19:00:00	7.59013	7.40088	9.65541	8.07569	36.554	4	0
2/5/2016	20:00:01	7.65192	7.49265	8.37924	8.84893	36.3498	4	0
2/5/2016	21:00:01	7.79127	7.68423	9.08228	11.2491	36.7582	4	0
2/5/2016	22:00:01	7.93096	7.91702	10.0501	7.97644	36.7582	4	0
2/5/2016	23:00:01	8.11036	8.23464	11.0823	11.8421	36.9625	4	0
2/6/2016	0:00:01	8.30589	8.55935	10.55	11.2393	36.7582	4	0
2/6/2016	1:00:00	8.54802	8.97068	10.7449	10.6126	36.9625	4	0
2/6/2016	2:00:00	8.70668	9.30062	10.3203	9.84955	37.1667	4	0
2/6/2016	3:00:01	8.7084	9.43572	9.58689	7.86711	36.3498	4	0
2/6/2016	4:00:01	8.64152	9.49241	9.15285	10.4016	36.7582	4	0
2/6/2016	5:00:01	8.59492	9.65601	9.97852	10.0637	36.7582	4	0
2/6/2016	6:00:00	8.54344	9.86456	10.0613	10.7556	37.3709	4	0
2/6/2016	7:00:00	8.65046	9.92084	10.0953	10.5747	37.1667	4	0
2/6/2016	8:00:01	8.75616	10.0284	9.42891	10.5115	36.9624	4	0
2/6/2016	9:00:01	8.90596	10.083	8.93779	10.1351	36.554	4	0
2/6/2016	10:00:00	9.14997	10.2726	11.5873	12.4981	36.1456	4	0
2/6/2016	11:00:01	9.16973	9.94438	6.96493	6.55063	35.7372	4	0
2/6/2016	12:00:00	9.17168	9.56756	5.83518	6.95746	35.9414	4	0
2/6/2016	13:00:00	9.31161	9.43391	9.247	11.0155	35.7372	4	0
2/6/2016	14:00:01	9.40585	9.25301	8.12021	7.97113	34.9203	4	0
2/6/2016	15:00:00	9.39769	9.08521	7.70191	9.65166	35.3287	4	0
2/6/2016	16:00:01	9.3995	9.03727	8.70335	9.30171	34.7161	4	0
2/6/2016	17:00:00	9.49327	9.08851	11.3788	15.0079	35.533	4	0
2/6/2016	18:00:00	9.61444	9.15159	11.6898	13.6719	36.1456	4	0
2/6/2016	19:00:01	9.74088	9.36459	12.8579	10.8044	36.1456	4	0

2/6/2016	20:00:01	9.88365	9.5801	12.3781	13.6369	36.9624	4	0
2/6/2016	21:00:00	9.99504	9.86326	12.8493	14.5943	36.7582	4	0
2/6/2016	22:00:00	10.1135	9.9417	12.0433	11.3114	36.9625	4	0
2/6/2016	23:00:01	10.1494	10.3742	12.1189	14.0208	37.1667	4	0
2/7/2016	0:00:01	10.2174	10.9111	12.0857	12.5552	37.1667	4	0
2/7/2016	1:00:00	10.3616	11.3219	13.7757	15.0195	36.9624	4	0
2/7/2016	2:00:00	10.4371	11.6987	12.891	11.8448	37.5751	4	0
2/7/2016	3:00:01	10.4842	11.9508	10.3254	8.96417	37.3709	4	0
2/7/2016	4:00:01	10.4482	11.9194	7.95849	8.66899	37.5751	4	0
2/7/2016	5:00:00	10.4477	11.8132	9.92036	10.2901	37.1667	4	0
2/7/2016	6:00:00	10.3938	11.5856	9.00634	10.6307	37.3709	4	0
2/7/2016	7:00:01	10.3432	11.2528	8.7065	9.59358	36.9624	4	0
2/7/2016	8:00:00	10.3467	11.0277	9.87187	12.7387	36.9624	4	0
2/7/2016	9:00:00	10.415	10.7967	9.7909	11.5311	36.554	4	0
2/7/2016	10:00:00	10.419	10.7236	10.8147	16.0259	36.554	4	0
2/7/2016	11:00:01	10.4081	10.2335	6.16125	3.24391	36.1456	4	0
2/7/2016	12:00:01	10.3988	9.66227	5.31118	8.25609	35.7372	4	0
2/7/2016	13:00:00	10.3254	9.12719	7.62477	7.45562	36.1456	4	0
2/7/2016	14:00:00	10.262	8.58237	6.59614	6.87523	36.1456	4	0
2/7/2016	15:00:00	10.2675	8.31802	7.02783	7.50256	35.9414	4	0
2/7/2016	16:00:01	10.2934	8.42054	9.26959	7.62551	36.1456	4	0
2/7/2016	17:00:01	10.0411	8.14273	7.42466	10.0389	36.7582	4	0
2/7/2016	18:00:00	9.66321	7.69385	4.17809	4.8092	36.9625	4	0
2/7/2016	19:00:00	9.27022	7.32083	4.59578	3.74919	36.554	4	0
2/7/2016	20:00:01	8.90082	6.81529	3.86688	3.40499	37.7793	4	0
2/7/2016	21:00:01	8.55269	6.35507	4.01269	3.59025	37.3709	4	0
2/7/2016	22:00:00	8.23068	5.86461	4.97962	5.11253	36.9624	4	0
2/7/2016	23:00:00	7.95153	5.81338	5.48103	5.96401	37.7793	4	0
2/8/2016	0:00:01	7.63925	5.76781	4.74185	6.31086	37.7793	4	0
2/8/2016	1:00:01	7.28727	5.57461	5.14666	4.42608	37.5751	4	0
2/8/2016	2:00:00	6.90396	5.35331	3.91128	4.62692	37.7793	4	0
2/8/2016	3:00:00	6.65482	5.13784	4.32045	4.73462	36.9624	4	0
2/8/2016	4:00:00	6.59068	4.88907	6.01226	7.49882	37.3709	4	0
2/8/2016	5:00:01	6.38414	4.70162	5.16364	7.93964	37.7793	4	0
2/8/2016	6:00:01	6.23742	4.83401	5.85551	3.64584	38.1877	4	0
2/8/2016	7:00:00	6.1197	4.96574	6.30255	6.88247	38.8004	4	0

2/8/2016	8:00:00	6.00071	5.2317	7.11653	7.66072	38.8004	4	0
2/8/2016	9:00:01	5.91164	5.53433	7.70981	12.6788	38.5961	4	0
2/8/2016	10:00:01	5.86131	5.90674	9.46687	10.1862	38.5961	4	0
2/8/2016	11:00:00	5.94241	6.11787	7.95272	7.3253	38.8004	4	0
2/8/2016	12:00:00	6.05307	6.37731	7.77196	8.15668	38.1877	4	0
2/8/2016	13:00:01	6.065	6.59535	7.71138	8.68106	38.3919	4	0
2/8/2016	14:00:01	6.13189	6.94336	8.08133	8.44429	38.3919	4	0
2/8/2016	15:00:00	6.13189	6.94336	8.08133	7.79993	38.1877	4	0
2/8/2016	16:00:00	6.12778	7.40937	8.11297	8.31573	38.5961	4	0
2/8/2016	17:00:01	6.19206	7.71521	8.72965	9.6779	38.1877	4	0
2/8/2016	18:00:01	6.3464	7.89233	8.15815	8.68216	38.5962	4	0
2/8/2016	19:00:01	6.4986	8.04891	7.97557	5.8584	38.5961	4	0
2/8/2016	20:00:00	6.60863	8.00492	6.71627	7.77524	38.8004	4	0
2/8/2016	21:00:00	6.87304	8.22289	10.2381	9.73693	39.6172	4	0
2/8/2016	22:00:01	7.11287	8.34198	11.1728	13.1815	38.5962	4	0
2/8/2016	23:00:01	7.32221	8.55025	10.356	8.65869	38.8004	4	0
2/9/2016	0:00:00	7.49082	8.64352	9.00043	8.77551	39.413	4	0
2/9/2016	1:00:01	7.61197	8.67261	8.01608	9.45152	39.6172	4	0
2/9/2016	2:00:01	7.78496	8.67159	7.96466	8.25887	38.8004	4	0
2/9/2016	3:00:00	7.94683	8.71165	8.5438	7.52854	39.6172	4	0
2/9/2016	4:00:00	7.99501	8.63411	7.19714	7.02185	39.6172	4	0
2/9/2016	5:00:00	8.10253	8.56374	7.95852	8.67721	39.413	4	0
2/9/2016	6:00:01	8.16442	8.50175	7.45856	8.49622	39.8214	4	0
2/9/2016	7:00:01	8.25153	8.55273	8.70683	10.838	40.2298	4	0
2/9/2016	8:00:00	8.37901	8.84944	10.3661	9.18624	40.2299	4	0
2/9/2016	9:00:00	8.42762	8.73381	8.6448	10.3996	40.2298	4	0
2/9/2016	10:00:01	8.42739	8.59358	9.42617	8.24883	39.8214	4	0
2/9/2016	11:00:01	8.46521	8.45009	8.30826	9.47079	40.0256	4	0
2/9/2016	12:00:00	8.50389	8.43059	8.80176	10.6764	40.0256	4	0
2/9/2016	13:00:00	8.57158	8.53353	9.16547	8.48042	40.2298	4	0
2/9/2016	14:00:01	8.68613	8.74918	10.2935	11.5249	40.0256	4	0
2/9/2016	15:00:01	8.78505	8.9126	10.7428	10.3484	40.0256	4	0
2/9/2016	16:00:00	8.87598	9.155	9.95108	11.0862	39.8214	4	0
2/9/2016	17:00:01	8.92742	9.33307	10.3065	13.8461	39.6172	4	0
2/9/2016	18:00:01	9.04485	9.62409	10.9757	13.0974	40.6383	4	0
2/9/2016	19:00:01	9.05921	9.59699	8.53619	7.37359	40.6383	4	0

2/9/2016	20:00:00	9.12644	9.43911	8.65401	9.55882	40.2298	4	0
2/9/2016	21:00:00	9.01287	9.33303	7.34314	8.30418	41.0467	4	0
2/9/2016	22:00:01	8.84785	9.13347	6.94171	8.0454	40.8425	4	0
2/9/2016	23:00:01	8.75027	9.11831	8.31305	7.96781	41.0467	4	0
2/10/2016	0:00:01	8.69603	9.04827	8.24942	8.72345	40.8425	4	0
2/10/2016	1:00:00	8.71703	8.98613	8.25308	7.88206	41.2509	4	0
2/10/2016	2:00:00	8.64714	8.66459	6.43799	5.76163	41.2509	4	0
2/10/2016	3:00:01	8.51399	8.2183	5.30558	5.63572	41.2509	4	0
2/10/2016	4:00:01	8.47594	7.93377	6.57824	4.894	41.2509	4	0
2/10/2016	5:00:00	8.36109	7.53044	5.50745	5.13205	41.4551	4	0
2/10/2016	6:00:00	8.30244	7.12533	5.95148	4.84281	41.4551	4	0
2/10/2016	7:00:00	8.26444	7.06899	7.80911	10.3945	41.2509	4	0
2/10/2016	8:00:01	8.24725	7.13119	9.02609	11.2084	40.8425	4	0
2/10/2016	9:00:00	8.25637	7.23226	8.35323	5.98386	41.2509	4	0
2/10/2016	10:00:00	8.1707	7.23759	6.77324	6.27841	40.8425	4	0
2/10/2016	11:00:01	8.14247	7.14577	6.98417	10.5044	40.4341	4	0
2/10/2016	12:00:00	8.0412	6.96388	5.98093	5.51324	40.2298	4	0
2/10/2016	13:00:01	7.95297	6.82139	6.35575	6.74231	40.6383	4	0
2/10/2016	14:00:01	7.85411	6.94151	7.96871	8.37099	40.6383	4	0
2/10/2016	15:00:00	7.75086	7.17123	7.98748	7.46694	40.0256	4	0
2/10/2016	16:00:00	7.66869	7.28821	8.13008	9.72796	40.0256	4	0
2/10/2016	17:00:01	7.58833	7.55198	9.03175	10.646	40.4341	4	0
2/10/2016	18:00:01	7.48646	7.78146	9.01897	9.224	40.6383	4	0
2/10/2016	19:00:01	7.45052	7.78264	8.17502	8.41263	41.2509	4	0
2/10/2016	20:00:00	7.52058	7.89641	10.5553	11.6764	40.8425	4	0
2/10/2016	21:00:00	7.64379	8.07673	10.7826	11.1872	41.6593	4	0
2/10/2016	22:00:01	7.8881	8.5764	12.7169	13.7505	41.6593	4	0
2/10/2016	23:00:01	7.96772	8.83899	9.96743	9.33583	41.6593	4	0
2/11/2016	0:00:00	8.00874	9.1059	9.02995	9.60964	41.2509	4	0
2/11/2016	1:00:00	8.09841	9.4489	10.4358	10.7721	41.8635	4	0
2/11/2016	2:00:01	8.25179	9.63281	10.032	11.2072	42.0678	4	0
2/11/2016	3:00:01	8.39915	9.72412	9.18991	9.11567	41.6593	4	0
2/11/2016	4:00:01	8.47653	9.77136	8.80287	8.88281	42.0678	4	0
2/11/2016	5:00:00	8.63305	9.82838	10.0711	10.8791	42.4762	4	0
2/11/2016	6:00:00	8.76088	9.85664	9.54719	10.7703	42.4762	4	0
2/11/2016	7:00:01	8.83807	9.98904	9.71546	10.9498	43.0888	4	0

2/11/2016	8:00:01	8.9016	9.94666	9.1859	12.643	41.8635	4	0
2/11/2016	9:00:00	9.63509	11.1769	25.0311	14.3486	41.4551	4	0
2/11/2016	10:00:00	9.69865	10.7806	7.61538	5.18695	41.0467	4	0
2/11/2016	11:00:01	9.70036	10.4934	6.01919	1.54547	41.0467	4	0
2/11/2016	12:00:00	9.67608	10.1755	5.14682	3.97906	40.8425	4	0
2/11/2016	13:00:00	9.64727	9.73046	4.72839	5.7512	40.6383	4	0
2/11/2016	14:00:00	9.56177	9.37231	5.80337	6.7228	40.2298	4	0
2/11/2016	15:00:01	9.49816	9.09624	5.62999	4.93173	40.2298	4	0
2/11/2016	16:00:01	9.36502	8.7951	5.68394	10.1217	40.6383	4	0
2/11/2016	17:00:00	9.20917	8.39833	5.67819	5.93246	40.8425	4	0
2/11/2016	18:00:01	9.1811	8.27754	8.2548	16.5148	41.0467	4	0
2/11/2016	19:00:01	9.22559	8.25429	9.89401	6.88689	40.6383	4	0
2/11/2016	20:00:01	9.23035	8.39282	11.115	9.49476	40.8425	4	0
2/11/2016	21:00:00	9.13945	7.005	8.57721	11.0598	41.8635	4	0
2/11/2016	22:00:01	8.95033	7.08491	8.74189	8.97581	40.8425	4	0
2/11/2016	23:00:01	8.93506	7.38442	9.57616	10.4283	41.0467	4	0
2/12/2016	0:00:01	9.18786	8.2044	14.8809	18.453	41.2509	4	0
2/12/2016	1:00:00	9.27669	8.86249	12.5859	12.3173	41.2509	4	0
2/12/2016	2:00:00	9.31744	9.28845	10.7254	9.65203	40.6383	4	0
2/12/2016	3:00:01	9.3869	9.7088	10.3382	12.4019	41.6593	4	0
2/12/2016	4:00:01	9.43883	10.0793	10.0642	9.64529	40.8425	4	0
2/12/2016	5:00:00	9.67469	10.9277	15.7575	15.7622	41.6593	4	0
2/12/2016	6:00:00	9.63312	10.9999	9.63517	8.44951	41.0467	4	0
2/12/2016	7:00:00	9.57447	10.8642	7.93768	10.0438	41.4551	4	0
2/12/2016	8:00:01	9.74514	11.049	13.3423	12.9107	41.2509	4	0
2/12/2016	9:00:01	9.39844	11.7602	17.1685	21.7851	40.4341	4	0
2/12/2016	10:00:00	9.83741	12.5537	18.5353	16.9331	41.2509	4	0
2/12/2016	11:00:00	10.2881	13.1385	16.2222	13.8297	40.6383	4	0
2/12/2016	12:00:01	10.5443	12.8254	11.12	10.0121	40.6383	4	0
2/12/2016	13:00:01	10.8443	12.7309	10.9735	9.73934	40.0256	4	0
2/12/2016	14:00:00	11.0906	12.7999	11.5399	10.7732	40.4341	4	0
2/12/2016	15:00:00	11.3644	12.9847	13.2005	11.4952	40.4341	4	0
2/12/2016	16:00:00	11.637	13.1752	12.5685	13.1174	40.4341	4	0
2/12/2016	17:00:01	11.8694	12.8534	12.6498	13.3294	41.0467	4	0
2/12/2016	18:00:01	11.9838	13.032	12.6976	13.2251	41.6593	4	0
2/12/2016	19:00:00	12.0346	13.335	12.067	12.5469	42.272	4	0

2/12/2016	20:00:00	12.0318	13.1749	11.5589	12.2164	41.8635	4	0
2/12/2016	21:00:01	12.0513	12.5615	10.1038	11.2532	42.272	4	0
2/12/2016	22:00:01	11.9937	11.6951	8.22863	8.62752	42.4762	4	0
2/12/2016	23:00:00	11.9121	11.0315	8.12631	8.89644	43.293	4	0
2/13/2016	0:00:00	11.5827	10.7323	7.67651	6.65369	43.293	4	0
2/13/2016	1:00:00	11.36	10.4495	7.42127	8.9127	43.0888	4	0
2/13/2016	2:00:01	11.1874	10.0938	7.25166	7.5244	43.4972	4	0
2/13/2016	3:00:01	11.0255	9.57149	6.64457	6.69602	43.9057	4	0
2/13/2016	4:00:00	10.8367	9.01611	5.57297	5.21961	44.3141	4	0
2/13/2016	5:00:00	10.4433	8.50052	6.22855	6.90149	44.3141	4	0
2/13/2016	6:00:01	10.272	7.92073	5.42908	6.15287	44.3141	4	0
2/13/2016	7:00:01	10.1999	7.43452	5.88456	4.92511	44.7225	4	0
2/13/2016	8:00:00	9.92721	6.93973	4.98935	5.06552	43.7015	4	0
2/13/2016	9:00:00	9.50839	6.6013	5.68873	6.28041	43.9057	4	0
2/13/2016	10:00:01	9.01687	6.39422	5.51641	4.36114	42.6804	4	0
2/13/2016	11:00:01	8.66396	6.29516	6.795	7.92537	43.7015	4	0
2/13/2016	12:00:00	8.45722	6.10438	5.23805	6.5862	42.272	4	0
2/13/2016	13:00:00	8.26614	5.94349	5.34319	5.25828	42.0678	4	0
2/13/2016	14:00:01	8.04302	5.79545	5.45172	5.99287	42.0678	4	0
2/13/2016	15:00:01	7.77583	5.76049	6.25156	5.67179	42.0678	4	0
2/13/2016	16:00:00	7.46252	5.71163	5.15698	4.60686	42.0678	4	0
2/13/2016	17:00:00	7.16678	5.66123	5.87442	7.14947	42.4762	4	0
2/13/2016	18:00:01	6.95388	5.84645	7.84405	9.71374	43.293	4	0
2/13/2016	19:00:01	6.93418	6.31392	11.6094	13.5341	42.6804	4	0
2/13/2016	20:00:01	6.89753	6.77502	10.5142	11.9979	42.272	4	0
2/13/2016	21:00:00	6.97308	7.30316	12.215	15.1951	43.0888	4	0
2/13/2016	22:00:00	7.02506	7.62582	9.31876	10.372	42.6804	4	0
2/13/2016	23:00:00	6.99884	7.67753	7.31924	7.12044	42.8846	4	0
2/14/2016	0:00:00	6.9348	7.75809	6.22729	6.00878	43.0888	4	0
2/14/2016	1:00:01	6.9625	7.98763	7.99096	7.21857	43.0888	4	0
2/14/2016	2:00:01	6.94915	8.11183	6.76288	5.36194	42.4762	4	0
2/14/2016	3:00:00	6.94378	8.14331	6.6008	3.75328	42.8846	4	0
2/14/2016	4:00:00	6.95735	8.20657	5.78925	7.30107	42.8846	4	0
2/14/2016	5:00:01	7.10496	8.54683	10.1233	7.01218	42.8846	4	0
2/14/2016	6:00:01	7.01034	8.15657	3.08234	4.0253	42.4762	4	0
2/14/2016	7:00:01	7.02686	7.71314	6.31195	7.47388	43.293	4	0

2/14/2016	8:00:00	7.12406	7.43723	7.12334	8.92279	42.8846	4	0
2/14/2016	9:00:00	7.31878	7.26415	10.1148	11.843	42.0678	4	0
2/14/2016	10:00:00	awa reported by A	0	0	0	42.272	3	0
2/14/2016	11:00:01	0	0	0	0	42.272	3	0
2/14/2016	12:00:00	0	0	0	9.1479	42.272	4	0
2/14/2016	13:00:00	0	0	0	5.53408	42.0678	4	0
2/14/2016	14:00:01	0	0	5.26879	5.98327	42.272	4	0
2/14/2016	15:00:01	0	0	6.93759	10.2916	41.4551	4	0
2/14/2016	16:00:01	0	0	7.85383	5.69966	41.8635	4	0
2/14/2016	17:00:00	0	0	7.77438	5.76171	41.2509	4	0
2/14/2016	18:00:01	0	0	7.0772	7.38963	41.8635	4	0
2/14/2016	19:00:01	0	0	7.84464	9.98014	42.0678	4	0
2/14/2016	20:00:00	0	0	7.96744	9.28225	41.8635	4	0
2/14/2016	21:00:00	0	0	7.69871	8.25202	42.0678	4	0
2/14/2016	22:00:01	0	0	7.95909	8.03954	42.4762	4	0
2/14/2016	23:00:00	0	0	7.40795	6.4955	42.4762	4	0
2/15/2016	0:00:00	0	0	7.915	9.3385	42.0678	4	0
2/15/2016	1:00:01	0	7.4407	7.27806	7.99717	41.8635	4	0
2/15/2016	2:00:01	0	7.61419	7.36619	8.84008	42.0678	4	0
2/15/2016	3:00:00	0	7.63648	7.09755	7.26005	42.0678	4	0
2/15/2016	4:00:00	0	7.73605	9.04545	12.1086	42.272	4	0
2/15/2016	5:00:01	0	8.03165	11.1954	9.89164	42.6804	4	0
2/15/2016	6:00:00	0	8.348	11.0241	9.45965	42.4762	4	0
2/15/2016	7:00:00	0	8.51984	9.79958	12.0299	42.4762	4	0
2/15/2016	8:00:01	0	8.77157	11.0158	12.6126	42.0678	4	0
2/15/2016	9:00:01	0	9.22439	12.9771	13.6333	42.0678	4	0
2/15/2016	10:00:00	0	9.6907	13.3946	14.0769	42.0678	4	0
2/15/2016	11:00:01	0	10.6148	18.3239	16.7679	41.6593	4	0
2/15/2016	12:00:01	0	11.0808	13.4827	9.87928	42.0678	4	0
2/15/2016	13:00:00	9.64384	11.7426	15.1444	16.147	41.6593	4	0
2/15/2016	14:00:00	9.94392	12.1618	12.4133	11.9533	42.0678	4	0
2/15/2016	15:00:01	10.3145	12.8983	16.1593	17.3722	42.272	4	0
2/15/2016	16:00:01	10.5167	13.2173	13.2477	11.6481	42.272	4	0
2/15/2016	17:00:00	10.6653	13.2381	11.6937	13.398	42.4762	4	0
2/15/2016	18:00:01	10.7581	13.1012	9.63465	9.28647	42.4762	4	0
2/15/2016	19:00:01	10.8717	13.1735	10.7923	13.0042	42.272	4	0

2/15/2016	20:00:00	10.9573	13.1	10.3083	10.9907	42.272	4	0
2/15/2016	21:00:00	11.0336	12.8066	9.27862	10.8466	42.4762	4	0
2/15/2016	22:00:01	11.0629	12.4296	9.04348	9.62387	42.6804	4	0
2/15/2016	23:00:00	11.1508	11.6966	9.34931	9.83338	42.0678	4	0
2/16/2016	0:00:00	11.0908	11.1519	7.24077	6.08232	42.8846	4	0
2/16/2016	1:00:00	11.1332	10.5926	8.31112	9.40026	42.6804	4	0
2/16/2016	2:00:01	11.1694	10.243	8.01147	6.17516	42.6804	4	0
2/16/2016	3:00:01	11.1642	9.46708	6.60741	5.87314	42.6804	4	0
2/16/2016	4:00:00	11.0178	8.84553	5.85671	8.81216	42.6804	4	0
2/16/2016	5:00:00	10.9193	8.64688	9.4865	12.1266	43.293	4	0
2/16/2016	6:00:01	10.7658	8.44415	7.06147	3.03404	42.8846	4	0
2/16/2016	7:00:00	10.5709	7.99383	5.47806	7.50611	43.0888	4	0
2/16/2016	8:00:00	10.6075	8.15181	12.3027	12.4562	43.0888	4	0
2/16/2016	9:00:01	10.5449	8.27205	10.3103	12.0993	42.6804	4	0
2/16/2016	10:00:01	10.42	8.30033	8.87681	8.33783	42.8846	4	0
2/16/2016	11:00:00	10.0657	8.27424	8.63738	8.83331	41.2509	4	0
2/16/2016	12:00:01	9.75042	8.23962	7.41349	5.76281	42.0678	4	0
2/16/2016	13:00:01	9.48681	8.23676	8.01402	9.63499	42.6804	4	0
2/16/2016	14:00:01	9.31686	8.30332	9.2032	10.3094	43.0888	4	0
2/16/2016	15:00:00	9.10615	8.68778	11.3134	15.5946	43.0888	4	0
2/16/2016	16:00:01	9.0174	9.14779	11.6013	10.5857	42.6804	4	0
2/16/2016	17:00:01	8.92907	9.16563	9.90835	10.2851	43.0888	4	0
2/16/2016	18:00:00	9.02683	9.57431	11.9671	14.1692	43.0888	4	0
2/16/2016	19:00:00	9.04419	10.0597	11.4128	10.3159	43.0888	4	0
2/16/2016	20:00:01	9.03309	9.87395	10.2498	10.8436	43.293	4	0
2/16/2016	21:00:00	9.04997	9.81828	9.59387	9.14844	43.7015	4	0
2/16/2016	22:00:00	9.1109	9.95821	10.4909	13.2199	43.293	4	0
2/16/2016	23:00:01	9.2095	10.226	11.8046	12.7917	42.6804	4	0
2/17/2016	0:00:01	9.33086	10.498	11.2623	12.3388	43.9057	4	0
2/17/2016	1:00:00	9.46225	10.7937	11.4666	12.7535	43.7015	4	0
2/17/2016	2:00:00	9.57882	10.9183	10.344	10.9065	43.9057	4	0
2/17/2016	3:00:01	9.72516	10.8632	11.1375	9.85991	43.9057	4	0
2/17/2016	4:00:00	9.94484	10.8445	11.4171	13.5892	44.1099	4	0
2/17/2016	5:00:00	10.1242	11.1561	13.307	11.5334	43.9057	4	0
2/17/2016	6:00:01	10.2608	11.0429	10.7065	12.9371	44.1099	4	0
2/17/2016	7:00:01	10.4484	10.9481	10.3707	9.77443	43.293	4	0

2/17/2016	8:00:00	10.3798	11.0044	11.0695	11.9793	44.3141	4	0
2/17/2016	9:00:01	10.3604	11.0118	9.38125	8.53277	43.9057	4	0
2/17/2016	10:00:01	10.3838	10.8753	8.11332	9.41634	43.4972	4	0
2/17/2016	11:00:00	10.3605	10.5624	7.99922	7.2624	43.7015	4	0
2/17/2016	12:00:00	10.3511	10.2228	7.22406	5.62896	43.7015	4	0
2/17/2016	13:00:01	10.287	9.77241	5.77257	6.91412	44.1099	4	0
2/17/2016	14:00:01	10.1526	9.40323	5.90614	8.14654	43.7015	4	0
2/17/2016	15:00:00	9.92831	8.94773	5.62746	6.44291	43.9057	4	0
2/17/2016	16:00:00	9.64422	8.38297	4.70539	5.99049	43.4972	4	0
2/17/2016	17:00:01	9.47938	7.82407	7.06422	5.54092	44.7225	4	0
2/17/2016	18:00:01	9.16745	7.3554	5.46114	6.16367	45.131	4	0
2/17/2016	19:00:00	9.00254	7.08501	6.99428	11.8197	44.1099	4	0
2/17/2016	20:00:00	9.03993	7.07929	10.9858	11.4541	44.5183	4	0
2/17/2016	21:00:00	9.12572	7.28274	11.9291	12.0764	44.3141	4	0
2/17/2016	22:00:01	9.10318	7.43222	9.87236	11.2083	44.5183	4	0
2/17/2016	23:00:01	9.05299	7.62076	10.0862	10.7444	44.7225	4	0
2/18/2016	0:00:00	9.01847	7.86641	10.0104	11.9315	44.9267	4	0
2/18/2016	1:00:00	8.95813	8.21537	9.92627	8.98069	44.3141	4	0
2/18/2016	2:00:01	8.82577	8.32845	7.35611	7.45912	45.3352	4	0
2/18/2016	3:00:00	8.67018	8.49237	7.75016	9.6559	44.7225	4	0
2/18/2016	4:00:00	8.56397	8.84637	9.05978	11.3422	45.5394	4	0
2/18/2016	5:00:01	8.39869	9.02305	9.07078	9.99112	44.5183	4	0
2/18/2016	6:00:01	8.27078	9.18777	7.26512	6.48397	45.1309	4	0
2/18/2016	7:00:00	8.17486	9.27092	7.92172	8.02807	44.7225	4	0
2/18/2016	8:00:01	8.13238	9.16518	9.24996	12.2491	44.3141	4	0
2/18/2016	9:00:01	8.14821	8.9595	9.22297	9.23124	44.1099	4	0
2/18/2016	10:00:00	8.2044	8.88172	8.51141	9.15993	43.7015	4	0
2/18/2016	11:00:00	8.31583	8.89681	10.0494	7.6747	43.4972	4	0
2/18/2016	12:00:01	8.43638	8.86235	9.29817	10.6625	42.8846	4	0
2/18/2016	13:00:01	8.62498	8.85959	9.84921	7.27576	43.293	4	0
2/18/2016	14:00:00	8.78941	9.05034	9.68342	11.4484	43.0888	4	0
2/18/2016	15:00:01	8.8986	9.07143	8.08615	10.8279	43.293	4	0
2/18/2016	16:00:01	9.11127	9.11313	9.81181	10.8629	43.7015	4	0
2/18/2016	17:00:00	9.22556	9.15963	9.8541	10.9194	42.8846	4	0
2/18/2016	18:00:00	9.38673	9.32288	9.37852	7.34138	43.4972	4	0
2/18/2016	19:00:01	9.57761	9.62862	11.8492	13.8275	43.4972	4	0

2/18/2016	20:00:00	9.48846	9.61257	9.37515	11.6888	43.293	4	0
2/18/2016	21:00:00	9.4119	9.70486	10.5495	10.8619	43.7015	4	0
2/18/2016	22:00:01	9.33881	9.66829	7.94502	6.98721	43.293	4	0
2/18/2016	23:00:01	9.23529	9.44848	7.15135	8.76774	43.4972	4	0
2/19/2016	0:00:00	9.14508	9.33062	7.79113	6.63767	42.8846	4	0
2/19/2016	1:00:00	9.00494	9.06131	6.52758	4.68579	43.0888	4	0
2/19/2016	2:00:01	8.99378	8.82954	6.70422	7.57263	43.0888	4	0
2/19/2016	3:00:00	8.94398	8.70219	6.4677	8.44324	43.293	4	0
2/19/2016	4:00:00	8.88739	8.52711	7.62778	9.08674	42.4762	4	0
2/19/2016	5:00:01	8.8355	8.38029	8.24439	7.72858	42.8846	4	0
2/19/2016	6:00:01	8.90337	8.33899	8.9026	8.81113	42.0678	4	0
2/19/2016	7:00:00	9.01942	8.24812	10.9275	10.9495	42.6804	4	0
2/19/2016	8:00:01	9.1042	8.37267	10.6062	12.5148	41.8635	4	0
2/19/2016	9:00:01	9.35233	8.7235	14.6482	13.8949	42.272	4	0
2/19/2016	10:00:00	9.82358	9.66806	18.942	22.9449	41.8635	4	0
2/19/2016	11:00:00	10.355	10.9191	21.4751	20.5277	41.2509	4	0
2/19/2016	12:00:01	10.6871	11.7451	18.2249	13.0446	40.8425	4	0
2/19/2016	13:00:01	8.38408	7.41439	-45.6486	-48.351	42.8846	4	0
2/19/2016	17:00:00	0	0	0	0	42.272	3	0
2/19/2016	18:00:00	0	0	0	5.34719	43.4972	4	0
2/19/2016	19:00:00	0	0	3.69383	3.92163	44.1099	4	0
2/19/2016	20:00:00	0	0	3.61713	7.18308	44.5183	4	0
2/19/2016	21:00:01	0	0	3.82344	4.31766	44.7225	4	0
2/19/2016	22:00:01	0	0	4.15023	2.34786	44.7225	4	0
2/19/2016	23:00:00	0	0	2.26409	3.47041	44.5183	4	0
2/20/2016	0:00:00	0	0	4.06649	5.46667	45.3352	4	0
2/20/2016	1:00:00	0	0	2.90837	3.91622	44.5183	4	0
2/20/2016	2:00:01	0	0	2.68256	2.90323	45.5394	4	0
2/20/2016	3:00:01	0	0	2.58944	3.70523	45.5394	4	0
2/20/2016	4:00:00	0	0	2.37268	4.54007	44.5183	4	0
2/20/2016	5:00:00	0	0	3.86784	4.93933	44.7225	4	0
2/20/2016	6:00:00	0	0	5.4412	6.20245	44.9267	4	0
2/20/2016	7:00:01	0	3.85868	8.55062	7.25911	45.5394	4	0
2/20/2016	8:00:01	0	4.04899	5.75431	4.95025	43.9057	4	0
2/20/2016	9:00:00	0	4.34091	7.13702	11.511	42.8846	4	0

2/20/2016	10:00:00	0	4.59655	7.20274	7.06328	43.293	4	0
2/20/2016	11:00:01	0	4.99024	6.91294	11.1347	43.293	4	0
2/20/2016	12:00:00	0	4.99213	4.01687	-0.175252	43.0888	4	0
2/20/2016	13:00:00	0	5.23807	5.72931	5.49275	42.272	4	0
2/20/2016	14:00:01	0	5.31216	3.63512	2.65578	42.8846	4	0
2/20/2016	15:00:01	0	5.54131	5.43161	5.51778	42.6804	4	0
2/20/2016	16:00:00	0	5.88167	6.47959	10.1193	42.4762	4	0
2/20/2016	17:00:00	0	6.08931	6.55331	4.32408	42.8846	4	0
2/20/2016	18:00:01	0	6.02223	5.19368	5.14739	43.7015	4	0
2/20/2016	19:00:01	4.78344	5.69416	4.81366	5.24502	43.9057	4	0
2/20/2016	20:00:01	4.85255	5.65603	5.35025	4.15961	44.1099	4	0
2/20/2016	21:00:00	4.92103	5.52921	5.68383	6.91145	44.5183	4	0
2/20/2016	22:00:00	4.98753	5.42315	5.94086	4.36878	44.9267	4	0
2/20/2016	23:00:01	5.12967	5.32855	5.63776	6.85496	44.7225	4	0
2/21/2016	0:00:01	5.19581	5.48666	6.13928	2.01187	45.3352	4	0
2/21/2016	1:00:00	5.34043	5.569	6.8021	8.01802	45.9478	4	0
2/21/2016	2:00:00	5.61361	6.03938	9.25012	13.1607	45.9478	4	0
2/21/2016	3:00:00	5.79319	6.17651	7.0179	3.87701	45.1309	4	0
2/21/2016	4:00:01	5.9193	6.09919	5.34148	6.66987	45.7436	4	0
2/21/2016	5:00:01	6.04347	6.12402	6.55536	4.64682	45.5394	4	0
2/21/2016	6:00:00	6.05048	6.19046	6.28387	8.29479	46.3562	4	0
2/21/2016	7:00:00	5.95462	6.30344	6.06012	5.49965	46.7646	4	0
2/21/2016	8:00:00	5.99185	6.39992	6.28022	10.8058	45.7436	4	0
2/21/2016	9:00:01	6.07724	6.67564	8.83386	6.29063	45.9478	4	0
2/21/2016	10:00:01	6.10592	6.82897	7.77084	12.6427	46.152	4	0
2/21/2016	11:00:00	6.01222	6.73571	4.45933	3.48367	46.152	4	0
2/21/2016	12:00:00	6.11369	6.73622	5.72963	3.39554	45.3351	4	0
2/21/2016	13:00:00	6.08853	6.57105	4.67414	0.290706	44.9267	4	0
2/21/2016	14:00:01	6.12726	6.15927	4.26173	-0.087166	44.7225	4	0
2/21/2016	15:00:01	6.10959	5.98866	5.15953	6.98161	45.1309	4	0
2/21/2016	16:00:00	6.03697	5.93739	4.89272	3.13883	45.1309	4	0
2/21/2016	17:00:00	5.9781	5.81658	5.22756	6.97039	45.1309	4	0
2/21/2016	18:00:01	5.98281	5.76799	6.1369	6.84135	46.152	4	0
2/21/2016	19:00:01	6.02299	5.74306	5.79708	7.85521	46.152	4	0

2/21/2016	20:00:01	6.07442	5.76531	6.54945	4.15684	46.152	4	0
2/21/2016	21:00:00	6.04903	5.45609	5.12952	6.25737	46.3562	4	0
2/21/2016	22:00:00	6.01888	5.24297	5.18969	6.39036	46.5604	4	0
2/21/2016	23:00:01	6.02338	5.33209	5.42273	7.48754	46.152	4	0
2/22/2016	0:00:01	5.95037	5.24138	4.74637	4.95638	46.7646	4	0
2/22/2016	1:00:00	5.89545	5.3123	5.50817	6.70358	47.3773	4	0
2/22/2016	2:00:00	5.70867	5.36286	4.92986	5.21547	47.5815	4	0
2/22/2016	3:00:00	5.64318	5.38489	5.33431	4.68227	47.1731	4	0
2/22/2016	4:00:01	5.71586	5.53276	6.28007	4.92813	46.3562	4	0
2/22/2016	5:00:01	5.70845	5.64751	6.76989	12.5171	46.5604	4	0
2/22/2016	6:00:00	5.64849	5.57822	5.68546	9.37256	47.5815	4	0
2/22/2016	7:00:00	5.68372	5.63589	6.08401	4.06789	46.7646	4	0
2/22/2016	8:00:00	5.72843	5.70484	7.39652	5.32638	46.7646	4	0
2/22/2016	9:00:01	5.72175	5.94655	7.42569	7.28853	45.5394	4	0
2/22/2016	10:00:01	5.68185	6.085	6.93309	6.39458	45.7436	4	0
2/22/2016	11:00:00	5.7534	6.14681	6.20415	-2.31052	45.5394	4	0
2/22/2016	12:00:00	5.80578	6.31157	6.46072	11.6648	45.3351	4	0
2/22/2016	13:00:01	5.93741	6.4863	7.46278	9.96154	45.1309	4	0
2/22/2016	14:00:01	5.99459	6.54665	5.84456	11.6409	45.1309	4	0
2/22/2016	15:00:01	5.98481	6.5101	5.02862	-7.18043	45.1309	4	0
2/22/2016	16:00:00	5.93738	6.30332	3.97813	4.71149	45.5394	4	0
2/22/2016	17:00:00	5.98231	6.26917	6.58263	9.44096	46.152	4	0
2/22/2016	18:00:01	6.07909	6.45581	7.45104	8.53493	45.1309	4	0
2/22/2016	19:00:01	6.11338	6.51871	7.22823	6.2193	45.7436	4	0
2/22/2016	20:00:01	6.24552	6.75893	11.0824	12.1619	46.9689	4	0
2/22/2016	21:00:00	6.39321	6.88166	9.05172	10.8879	47.5815	4	0
2/22/2016	22:00:00	6.51356	6.9938	8.39612	9.06062	47.3773	4	0
2/22/2016	23:00:01	6.67573	7.27104	9.68888	11.061	47.9899	4	0
2/23/2016	0:00:01	6.93695	7.65693	10.9683	12.2088	47.5815	4	0
2/23/2016	1:00:00	7.16621	7.97455	11.2723	9.09946	47.7857	4	0
2/23/2016	2:00:00	7.47492	8.53018	12.5253	13.1652	47.7857	4	0
2/23/2016	3:00:00	7.67604	8.97076	10.395	13.3494	48.6026	4	0
2/23/2016	4:00:00	7.82871	9.46762	9.95482	13.0718	48.8068	4	0
2/23/2016	5:00:00	7.96406	9.75871	9.96007	9.61336	48.6026	4	0

2/23/2016	6:00:01	8.22693	10.1663	12.4202	12.6004	49.2152	4	0
2/23/2016	7:00:01	8.5163	10.6461	12.4628	12.4623	48.6026	4	0
2/23/2016	8:00:02	8.78094	10.8523	12.8107	11.6732	48.3983	4	0
2/23/2016	9:00:00	8.8872	10.8997	8.9841	9.79037	47.7857	4	0
2/23/2016	10:00:00	9.03722	11.0282	8.97176	6.92041	47.3773	4	0
2/23/2016	11:00:01	9.02817	10.6863	5.2431	-4.28339	46.3562	4	0
2/23/2016	12:00:01	9.10237	10.4021	7.03078	-1.03013	46.3562	4	0

13.74	3.02	50.02	50.04	50.71	32.02	0.38	12.13	15785.00	33.66	97.07
13.67	3.00	49.99	49.99	49.99	27.15	0.27	0.03	15785.00	9.52	74.68
13.67 LPM	3 LPM	50 C	50 C	50 C	Enclosure Inside, Temp Deg C	Less Than 0.75	Less Than 0.1	Constant	Ambient Temp. Deg C	% Rel Humd.
tmo Bypass Flow Volumetric_0	tmoTEOMA Flow Volumetric_0	tmo Case Heat Temp_0	tmo Cap Heat Temp_0	tmoTEOMA Air Tube Heat Temp_0	tmo Enclosure Temp_0	tmo Vac Pump Pressure_0	tmoTEOMA Noise_0	tmoTEOMA K0_0	tmo Ambient Temp_0	tmo Ambient RH_0
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	28.439	12.199
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	27.098	11.143
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	27.008	10.599
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	27.849	10.632
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	28.309	10.185
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	28.479	9.766
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	28.439	9.492
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	28.349	9.255
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	27.758	9.467
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	27.899	10.402
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	28.799	9.894
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	28.659	9.422
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	28.289	9.409
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	28.139	10.412
13.6579	2.99697	50.003	49.996	49.997	27.92	0.228	0	15785	27.758	12.861
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	29.11	10.217
13.6579	2.99697	50.003	49.996	49.997	27.92	0.228	0	15785	27.758	12.861
(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	(null)	27.909	13.557
13.6719	2.998	49.997	50.001	50.002	27.85	0.221	0	15785	27.268	13.528
13.6758	3.00219	50	50	50.003	28.3	0.226	0.022999	15785	28.96	11.372
13.6743	3.00459	50.004	50.005	50.901	29.81	0.232	0	15785	27.429	12.908
13.6719	3.00661	49.997	50.003	49.998	29.23	0.22	0.009956	15785	28.15	12.44
13.6907	3.00541	50.005	49.999	49.999	29.22	0.235	0.004338	15785	26.058	17.478
13.6638	3.00014	49.996	50.002	49.995	29.03	0.22	0.02174	15785	26.048	15.234
13.6837	3.00565	49.997	50.003	49.998	28.08	0.226	0.014207	15785	27.159	13.572

13.6903	3.00704	50	49.998	50.002	28.46	0.229	0.009284	15785	27.439	13.24
13.682	2.99609	49.998	50.004	49.998	28.52	0.238	0.010314	15785	27.189	13.344
13.6668	3.00166	50.004	50.006	49.999	28.45	0.227	0.019479	15785	27.169	13.266
13.6711	3.0049	50.004	49.995	50.002	28.53	0.22	0.007488	15785	26.769	13.478
13.6951	3.00606	49.999	49.996	49.997	28.42	0.224	0.014142	15785	26.739	13.934
13.6735	2.99695	50.002	49.997	50.001	28.51	0.231	0.005436	15785	26.899	14.019
13.6966	3.00776	50.003	49.994	50.003	28.47	0.231	0.006845	15785	26.829	13.978
13.6923	3.00098	50.001	50	49.999	28.53	0.224	0.007604	15785	27.209	13.957
13.6958	3.0069	50.009	50	49.994	28.53	0.218	0.008448	15785	27.119	13.952
13.6677	3.00257	50	50	49.998	28.53	0.227	0.009385	15785	27.139	14.106
13.6823	3.00594	50.003	49.999	50.002	28.53	0.227	0.011816	15785	27.419	13.66
13.6375	2.99521	50	50	50.005	28.52	0.224	0.013127	15785	27.419	13.393
13.6657	3.0051	49.997	49.999	49.998	28.26	0.224	0.014583	15785	27.339	12.967
13.637	2.99587	49.999	49.999	49.996	28.23	0.237	0.027542	15785	27.589	12.594
13.6692	2.99251	49.998	50.001	50.007	29.14	0.223	0.020399	15785	26.418	17.707
13.6635	2.99366	49.995	50	49.999	31.37	0.228	0.01333	15785	28.14	17.12
13.6805	3.00442	50.003	50.005	50.002	30.84	0.24	0	15785	26.829	16.334
13.6919	3.00637	50.003	49.996	50.008	28.3	0.239	0.02054	15785	26.118	15.351
13.6694	3.00375	38.993	34.984	41.225	0.27	0.248	0	15785	-8.057	79.96
13.6664	2.99764	50.005	50.007	50.003	5.84	0.242	0.007133	15785	-7.631	71.408
13.6799	2.99837	50.01	49.998	50.015	16.68	0.256	0.002742	15785	-8.341	67.554
13.6574	3.00037	50.004	50.001	49.995	23.03	0.253	0.025444	15785	-9.813	72.76
13.6841	3.00122	49.996	49.999	49.996	23.72	0.258	0.018844	15785	-11.835	71.576
13.6804	3.00219	50.001	50.002	50.001	23.72	0.257	0.013957	15785	-13.472	75.153
13.6743	3.00515	50.001	49.998	50.004	23.72	0.257	0.009121	15785	-14.723	75.619
13.6426	2.99428	50.001	50.006	50.001	23.72	0.27	0.010132	15785	-16.556	73.681
13.6553	2.99827	49.998	50.004	50	23.72	0.27	0.006621	15785	-18.715	76.604
13.6596	3.00075	50	50.002	50.012	23.71	0.262	0.008337	15785	-17.248	76.943
13.6585	2.99432	50.004	49.998	50	23.68	0.262	0.015745	15785	-18.593	78.154
13.6801	3.00021	49.998	50	50.003	23.68	0.264	0.011661	15785	-19.479	77.584
13.6853	3.00284	50.008	49.996	50	23.66	0.261	0.004483	15785	-18.888	77.638
13.6821	3.00248	50	50.004	49.999	23.71	0.275	0.00498	15785	-23.918	79.532
13.6563	3.00049	50.001	50.001	49.997	23.77	0.277	0.00627	15785	-24.551	80.749
13.7056	3.00481	50.003	49.997	49.995	23.67	0.271	0.020131	15785	-25.981	80.222
13.6736	3.00203	49.999	49.992	50	23.66	0.269	0.022365	15785	-26.533	80.903
13.6801	2.99646	50.004	50.005	50.004	23.69	0.266	0.005731	15785	-25.102	80.84

13.6699	2.99924	50.004	50.005	50.003	23.71	0.263	0.012268	15785	-21.386	74.759
13.676	3.00169	50.001	50	50	23.59	0.246	0.013629	15785	-18.858	66.739
13.6656	3.00057	49.997	50.005	50.001	23.04	0.266	0.015141	15785	-18.797	67.803
13.6547	3.00083	50.003	49.998	50.01	18.53	0.24	0	15785	-13.97	57.273
13.6948	3.00535	49.999	50.001	50.009	20.97	0.242	0.114368	15785	-14.805	66.085
13.6576	2.99445	50.003	50.006	50.007	23.4	0.249	0.084704	15785	-10.982	54.241
13.665	2.99891	50.001	49.997	49.996	24.62	0.249	0.055354	15785	-11.947	54.341
13.6778	3.00232	50.001	50	49.997	24.55	0.246	0.069694	15785	-11.673	54.604
13.6937	3.00408	49.999	50.008	50.005	25.09	0.252	0.026791	15785	-12.11	59.203
13.6768	3.00499	50.001	50.001	50	25.77	0.265	0.033732	15785	-13.177	64.019
13.6678	3.00123	49.996	49.993	49.999	25.13	0.258	0.037474	15785	-15.884	68.601
13.6716	3.00364	50.002	49.999	49.998	25.09	0.271	0.027754	15785	-15.578	71.5
13.668	3.0019	50.002	49.996	50.004	25.19	0.259	0.020556	15785	-16.189	74.484
13.658	2.99895	49.997	49.996	49.999	25.2	0.26	0.008955	15785	-14.845	74.509
13.668	2.99888	49.999	50	50.001	25.09	0.254	0.009949	15785	-13.716	74.874
13.6914	3.00105	50.003	49.998	50	25.14	0.262	0.036201	15785	-12.994	74.39
13.6857	3.00556	50.001	49.999	50.001	25.21	0.245	0.009277	15785	-12.445	77.52
13.634	2.99551	49.997	49.998	50.004	25.23	0.247	0.017521	15785	-10.555	74.645
13.6906	3.0034	50.004	49.999	50.004	25.51	0.258	0.007633	15785	-12.526	77.323
13.6629	3.00012	49.997	49.995	49.997	25.2	0.254	0.027776	15785	-12.282	77.155
13.7082	3.00821	49.998	50	50	25.27	0.254	0.012101	15785	-11.896	76.433
13.6733	3.00206	49.994	49.997	49.999	25.25	0.251	0.007908	15785	-11.368	77.699
13.6371	2.99812	50.003	50.001	50.006	25.6	0.247	0.016926	15785	-10.189	76.267
13.6681	3.00245	50.004	50.007	49.994	25.46	0.247	0.011061	15785	-9.57	76.864
13.6812	3.00732	50.003	49.999	50.003	25.49	0.254	0.023675	15785	-8.585	75.047
13.6757	3.00318	50.002	50.002	49.998	25.69	0.257	0.026302	15785	-7.692	73.373
13.6921	3.00032	50.002	50.002	50.002	25.4	0.242	0.010111	15785	-5.927	68.726
13.6792	2.99644	50	49.993	49.998	24.19	0.238	0.011232	15785	-4.386	65.379
13.6763	3.00384	49.997	49.995	49.995	23.12	0.235	0.021213	15785	-2.745	61.951
13.6831	3.00205	50.003	50.002	49.995	24.22	0.231	0.013863	15785	-1.287	58.85
13.703	3.00413	50.002	49.998	50.001	23.16	0.241	0.010267	15785	-1.722	62.017
13.6576	2.99871	50.001	50	50.005	23.72	0.239	0.019391	15785	-1.185	65.303
13.658	2.99627	49.994	50	50.006	24.04	0.25	0.021542	15785	-1.499	69.588
13.6245	2.99213	49.994	50.002	49.999	24.4	0.232	0.014078	15785	-1.955	73.014
13.6893	3.00518	49.999	50.002	50.01	25.06	0.244	0.026587	15785	-2.765	79.182
13.6496	2.99593	49.997	49.997	50.001	25.01	0.239	0.017374	15785	-3.494	81.434

13.681	3.0076	50.003	49.999	49.999	24.27	0.239	0.011354	15785	-3.849	82.356
13.6418	2.99363	50.001	50.003	50.004	24.31	0.234	0.021443	15785	-3.758	82.556
13.6774	3.00041	49.998	50.007	50.002	24.41	0.252	0.004849	15785	-3.069	81.534
13.6536	2.9947	50	50	50.002	24.21	0.235	0.017644	15785	-3.251	81.401
13.6717	3.00532	49.998	49.996	50.002	24.31	0.239	0.033322	15785	-4.102	83.856
13.6648	2.99728	50.004	49.992	50.005	24.41	0.241	0.021776	15785	-4.406	84.909
13.6719	3.00022	50.006	49.998	49.997	24.4	0.252	0.01423	15785	-3.19	85.039
13.6783	3.00119	50.003	49.999	49.996	24.01	0.242	0.015809	15785	-3.474	86.638
13.6796	3.0058	50.006	50	49.997	23.99	0.233	0.017563	15785	-4.771	89.81
13.6882	3.00376	49.999	50	50.006	24.24	0.251	0.033169	15785	-4.386	89.57
13.6792	3.00296	49.994	50.002	49.996	24.08	0.238	0.014451	15785	-4.619	89.85
13.6641	2.99817	50.002	50.002	49.999	24.4	0.25	0.009443	15785	-4.203	88.885
13.6231	2.99186	50.001	49.996	50.003	23.71	0.238	0.030319	15785	-1.55	82.569
13.684	3.00441	49.997	50.006	50	23.54	0.238	0.019813	15785	0.08	78.367
13.6783	3.00675	50.007	49.999	49.993	24.96	0.236	0.008632	15785	1.728	76.562
13.6758	2.99694	50.001	49.998	50.005	25.38	0.242	0.016302	15785	2.789	75.436
13.6674	2.99757	50	49.999	49.997	25.09	0.244	0.018111	15785	3.456	74.404
13.6723	2.99657	50.001	49.999	49.999	26.28	0.232	0.011836	15785	4.628	71.222
13.6754	3.00491	49.999	50.003	50	25.65	0.232	0.00455	15785	4.941	71.361
13.672	3.00222	49.999	50.001	50.007	25.08	0.234	0.016555	15785	4.517	73.612
13.6721	3.00221	50	50	50.002	25.97	0.236	0.018392	15785	4.578	74.812
13.6575	2.99996	50.002	50	49.997	24.05	0.24	0.020432	15785	3.648	80.044
13.6714	2.99452	49.998	50.001	50.005	23.73	0.238	0.013352	15785	3.173	84.377
13.6885	3.00717	50.004	49.999	50.002	23.72	0.234	0.016811	15785	3.992	83.842
13.6657	3.00076	49.993	49.999	49.998	23.53	0.234	0.010986	15785	4.012	84.578
13.6844	3.0055	50.002	50.002	49.999	23.72	0.242	0.023515	15785	2.981	85.994
13.6834	2.99905	49.997	49.991	50	23.73	0.228	0.009039	15785	3.295	85.04
13.6622	2.99399	50.003	50.01	49.998	23.72	0.242	0.011381	15785	2.638	86.048
13.6601	2.99817	49.996	50.004	49.997	23.7	0.235	0.012644	15785	2.274	86.837
13.6583	2.99156	50.005	49.995	49.995	23.69	0.238	0.015919	15785	1.182	88.851
13.6978	2.99949	49.999	50.003	49.998	23.65	0.246	0.00612	15785	1.728	88.672
13.6679	3.00243	50.001	49.998	49.995	23.63	0.228	0.013098	15785	0.879	90.788
13.6871	3.00739	50.003	49.995	49.999	23.97	0.241	0.024738	15785	-0.376	93.682
13.6648	2.99625	50	50.003	50.003	24.26	0.246	0.010777	15785	-1.084	94.072
13.7013	3.00557	49.999	50	49.998	23.74	0.23	0.034602	15785	-0.619	94.509

13.6599	2.99972	50.001	49.997	49.997	23.71	0.242	0.043566	15785	-0.619	94.437
13.6488	3.00007	50.003	49.998	50.001	23.83	0.235	0.02847	15785	0.474	93.002
13.6912	3.00147	50.005	49.999	49.999	23.25	0.235	0.012403	15785	0.939	89.719
13.6747	3.00068	49.997	49.999	50	23.04	0.236	0.013779	15785	2.314	86.318
13.6477	2.99676	49.999	50.001	50.011	25.96	0.24	0.017349	15785	3.133	81.604
13.6603	3.00081	50.003	49.996	50.004	27.69	0.235	0.019274	15785	3.456	79.572
13.6761	2.99894	49.99	50	49.997	24.4	0.238	0.021412	15785	2.264	83.613
13.672	3.0017	50.004	50.008	50.001	23.16	0.237	0.015859	15785	2.759	81.632
13.6919	3.00148	49.997	50.001	50.003	23.67	0.235	0.033944	15785	1	87.863
13.6447	2.99277	50.005	49.997	50	23.94	0.247	0.022182	15785	-0.072	92.652
13.6712	3.00067	50	50.003	49.998	23.94	0.242	0.016429	15785	-0.963	92.467
13.676	3.00289	50.005	50.004	50	24.11	0.252	0.052747	15785	-1.438	93.169
13.664	2.99979	49.997	49.994	50	23.99	0.239	0.011927	15785	-2.056	92.306
13.6824	3.00434	49.997	49.998	49.997	23.93	0.241	0.008834	15785	-2.188	90.989
13.6885	3.00473	50.005	50.002	50.001	24.39	0.254	0.028362	15785	-2.785	90.787
13.6742	3.00109	49.994	50.004	49.999	24.42	0.235	0.010902	15785	-3.342	88.266
13.6528	2.99873	49.996	50	49.999	24.4	0.251	0.012112	15785	-4.132	88.39
13.664	3.00043	50.003	50.003	49.997	24.47	0.253	0.007915	15785	-4.933	89.12
13.7184	3.01231	50.002	50	49.996	24.56	0.24	0.005172	15785	-5.622	88.734
13.6916	3.00517	50.003	50.002	49.999	24.41	0.245	0.009769	15785	-5.927	88.572
13.6714	2.99642	50.004	50.002	50	24.86	0.243	0.031364	15785	-5.927	87.877
13.6579	3.00211	49.995	50.007	50.006	24.79	0.248	0.034843	15785	-6.17	86.91
13.6776	2.99942	49.998	49.999	49.999	25.09	0.246	0.01518	15785	-6.282	86.383
13.6796	2.99824	49.998	50.001	50.001	24.86	0.244	0.082854	15785	-6.515	85.861
13.6769	3.00343	49.994	49.999	49.998	24.66	0.255	0.011021	15785	-6.616	85.081
13.663	2.99519	49.998	49.999	50.003	24.82	0.246	0.060151	15785	-6.525	84.913
13.6739	2.99759	50.008	49.994	50.002	24.57	0.242	0.026206	15785	-6.292	84.141
13.6673	3.00239	49.997	49.999	49.998	24.79	0.241	0.017125	15785	-6.16	84.686
13.6752	2.99761	50.002	50.006	49.997	24.38	0.258	0.054983	15785	-5.47	81.949
13.6728	3.00415	49.998	50.002	50	24.01	0.256	0.021136	15785	-4.822	81.39
13.6552	2.99563	49.998	50	50.001	24.19	0.254	0.023481	15785	-4.355	80.15
13.6598	2.99916	49.998	50.004	49.999	24.14	0.254	0.015345	15785	-4.274	79.069
13.6407	2.99465	50.003	50	49.999	24.19	0.253	0.010028	15785	-3.717	78.781
13.6816	3.00388	50	49.999	50	24.23	0.255	0.018938	15785	-4.011	78.413
13.646	2.99549	49.998	49.999	50.004	24.45	0.237	0.012376	15785	-4.264	79.484
13.6332	2.9933	50.002	49.994	49.996	24.35	0.237	0.013749	15785	-4.244	79.489

13.6348	2.99654	49.998	49.998	50.001	24.4	0.244	0.008985	15785	-4.761	76.777
13.6816	3.00743	49.999	50	49.999	24.43	0.255	0.014973	15785	-5.643	75.878
13.6558	2.99658	49.998	50.002	50.005	24.45	0.246	0.028277	15785	-6.261	75.602
13.7	3.00461	49.997	49.998	50.001	24.49	0.246	0.018479	15785	-7.611	76.056
13.699	3.00372	49.998	50.001	49.996	25.09	0.24	0.0349	15785	-8.747	79.442
13.6861	3.00915	49.998	50.002	49.996	24.91	0.255	0.013416	15785	-9.783	81.911
13.685	3.0005	49.996	50.001	50.004	24.94	0.243	0.043073	15785	-11.175	84.66
13.6778	3.00302	49.999	50.001	50	24.94	0.244	0.018765	15785	-12.252	85.377
13.6841	3.00402	50.001	49.995	50.004	25.59	0.245	0.020847	15785	-12.262	85.981
13.7077	3.00593	49.998	49.999	49.998	25.48	0.253	0.026248	15785	-12.201	86.017
13.6938	3.00629	50	49.996	50	25.69	0.256	0.006727	15785	-11.957	85.436
13.6453	2.99685	50.001	50.001	49.998	25.27	0.252	0.036714	15785	-12.018	85.44
13.6636	2.99639	50	49.993	49.996	25.06	0.25	0.015995	15785	-10.311	86.691
13.6897	3.0059	49.997	49.999	49.997	25.33	0.259	0.01777	15785	-8.524	83.46
13.6717	2.99725	50.001	49.998	49.997	24.82	0.247	0.03356	15785	-7.073	81.078
13.6851	3.00705	49.999	50	49.999	24.27	0.249	0.021931	15785	-4.467	74.231
13.6785	3.00062	50.001	50.006	49.997	23.72	0.253	0.024364	15785	-2.096	67.803
13.6811	3.00196	49.996	50.002	50.001	24.22	0.235	0.009366	15785	-2.583	72.613
13.6706	3.00232	50	50	50.004	23.15	0.241	0.017688	15785	-1.712	70.385
13.6771	3.00035	49.996	49.997	50.004	23.95	0.248	0.019651	15785	-1.418	69.297
13.654	2.99286	49.994	50.015	50.007	23.86	0.242	0.007554	15785	-2.086	72.119
13.676	3.00191	49.997	50.003	49.998	23.74	0.241	0.027487	15785	-2.805	73.844
13.6712	3.00209	49.999	50.001	50.006	24.4	0.24	0.030536	15785	-2.846	74.13
13.677	3.00112	50.005	49.998	50.002	24.29	0.239	0.019955	15785	-3.352	78.026
13.6928	3.00486	49.996	50.003	50.004	24.4	0.24	0.013041	15785	-3.828	79.401
13.6874	3.00437	50	50.001	50	24.4	0.251	0.024628	15785	-3.352	73.437
13.6757	3.00349	49.998	50.001	50	25.12	0.242	0.016095	15785	-3.089	74.538
13.6797	3.00219	49.999	50.004	50	24.39	0.242	0.010518	15785	-2.471	76.925
13.6789	3.00395	49.997	49.996	49.999	24.39	0.251	0.019864	15785	-2.532	78.586
13.6768	3.0018	49.999	50	50	24.36	0.245	0.012981	15785	-2.471	81.675
13.6879	3.0059	50.003	50.003	50.001	24.29	0.241	0.014421	15785	-2.299	83.24
13.6888	3.00453	50	49.998	49.998	24.33	0.244	0.009424	15785	-1.894	84.377
13.6427	2.98953	49.999	49.998	50.002	24.39	0.241	0.017798	15785	-1.671	84.101
13.6645	3.00495	49.998	50.001	50.002	24.06	0.245	0.033614	15785	-1.266	82.862
13.6729	3.00481	50.002	49.996	49.996	24.4	0.244	0.012922	15785	-0.7	81.933
13.6925	3.00205	50	49.998	49.999	24.41	0.248	0.024404	15785	-0.578	84.167

13.6617	3.00093	50.003	49.994	50	24.41	0.239	0.009381	15785	-0.396	85.031
13.6654	2.99647	50.002	50.003	49.991	23.85	0.242	0.020079	15785	-0.022	86.154
13.6608	3.00488	49.996	50.007	50.006	23.83	0.244	0.013122	15785	0.393	86.497
13.6913	3.00589	50.001	50.004	50.018	23.72	0.241	0.008575	15785	0.778	81.107
13.6596	3.00394	50	50.005	49.997	23.75	0.248	0.016195	15785	0.413	82.607
13.6459	2.99833	49.996	50.008	49.995	23.88	0.246	0.017991	15785	-0.639	81.238
13.6452	2.99191	49.998	50	49.998	23.87	0.244	0.022652	15785	-0.932	81.17
13.6738	2.99974	50	49.996	50.001	24.1	0.241	0.014803	15785	-1.185	77.088
13.6746	2.99913	50.001	50.003	49.999	24.01	0.237	0.027957	15785	-1.975	80.055
13.6833	3.00298	50.001	49.999	49.993	24.06	0.256	0.031059	15785	-2.38	77.844
13.6698	2.99891	49.997	50	50.008	24.14	0.237	0.039105	15785	-3.474	77.06
13.6851	3.00455	49.998	50.003	50.003	24.82	0.25	0.022549	15785	-5.328	75.781
13.6769	3.00387	50	49.996	49.997	24.92	0.247	0.042585	15785	-6.626	75.781
13.6603	2.99515	50.006	50.001	50.003	25.07	0.251	0.01637	15785	-7.692	74.985
13.694	3.00019	49.998	50	50	24.9	0.252	0.018186	15785	-8.554	75.802
13.6577	2.99476	50.004	50.002	50.002	25.28	0.261	0.020204	15785	-9.306	76.787
13.6536	2.99193	49.995	50	49.997	25.23	0.251	0.013203	15785	-10.21	78.345
13.6875	2.99993	49.997	50.001	49.992	25.17	0.255	0.048043	15785	-10.961	77.971
13.6752	3.00432	49.996	49.998	50.001	25.27	0.249	0.031396	15785	-10.311	77.175
13.7065	3.00589	50.004	49.999	50.003	25.28	0.261	0.020517	15785	-10.514	84.183
13.6596	3.00111	50.001	49.997	49.956	25.17	0.253	0.025832	15785	-10.799	86.019
13.6707	2.99732	49.999	50.001	49.997	25.13	0.263	0.028698	15785	-11.144	82.643
13.6831	3.00236	50.004	49.994	50	25.56	0.251	0.004326	15785	-11.612	81.552
13.6862	3.00051	49.995	49.998	49.995	25.18	0.254	0.023613	15785	-12.567	72.791
13.6453	2.99531	50	50.002	49.995	25.17	0.261	0.02973	15785	-13.543	70.89
13.6956	3.01016	50	49.999	50.004	25.33	0.271	0.022019	15785	-13.198	58.386
13.6534	2.99486	49.996	50.002	49.998	25.09	0.254	0.041585	15785	-12.282	55.33
13.6678	2.99937	50.001	50.001	50.002	24.26	0.255	0.030799	15785	-12.028	59.296
13.6779	3.00002	49.998	49.993	49.997	24.22	0.252	0.020127	15785	-11.347	57.676
13.6356	2.99038	49.998	50.001	49.998	24.05	0.247	0.008769	15785	-10.921	56.418
13.6816	3.0034	50.001	50.002	49.995	24.34	0.263	0.01656	15785	-11.561	60.091
13.6768	3.0016	49.998	49.997	49.99	24.42	0.251	0.035446	15785	-11.388	60.989
13.6769	3.00272	49.995	50	50.004	24.41	0.252	0.008015	15785	-11.164	59.045
13.6916	3.00757	50	49.999	50.001	24.97	0.254	0.017156	15785	-11.693	61.823
13.668	3.0003	49.999	49.997	50	25.1	0.266	0.0324	15785	-12.587	66.24
13.6473	2.99551	49.998	50.001	49.996	25.6	0.251	0.008303	15785	-13.421	70.867

13.7066	3.00637	49.999	50.005	50.002	25.62	0.265	0.017773	15785	-13.889	70.628
13.6419	2.9945	50.003	50	49.996	25.48	0.265	0.019744	15785	-14.133	72.504
13.6419	2.99539	49.996	49.996	50.001	25.75	0.254	0.024859	15785	-14.988	74.069
13.6686	2.99873	50.004	50	49.995	25.73	0.268	0.04695	15785	-15.7	75.801
13.6731	2.99399	50.004	49.994	50.001	25.73	0.251	0.100492	15785	-16.097	78.444
13.6623	3.00008	49.996	50	50.002	25.68	0.257	0.03863	15785	-16.535	82.294
13.6677	3.00083	50	50.004	50.001	25.74	0.258	0.01683	15785	-16.963	85.069
13.6752	3.00439	49.997	49.998	50.004	25.76	0.268	0.031784	15785	-17.126	85.572
13.6685	3.00222	49.998	50.002	49.995	25.65	0.267	0.040019	15785	-17.533	84.252
13.6973	3.0081	49.999	49.998	50	25.52	0.272	0.044459	15785	-17.615	85.054
13.6736	3.00175	49.998	50.002	49.998	25.76	0.265	0.049391	15785	-18.083	83.079
13.6528	2.99737	50.001	50.003	50.006	25.78	0.248	0.011168	15785	-16.474	83.208
13.6701	2.99899	49.995	50	49.999	25.68	0.261	0.014062	15785	-16.332	81.156
13.6777	3.00243	50.001	49.998	50.003	25.63	0.26	0.015622	15785	-14.235	77.043
13.6464	3.00225	50	50.007	50.001	25.8	0.255	0.019669	15785	-12.099	75.707
13.6506	2.99746	50.001	50.001	50.002	25.78	0.248	0.007561	15785	-10.535	72.939
13.6676	3.00523	49.996	50.004	50.002	25.31	0.254	0.041268	15785	-9.174	72.966
13.6574	2.99441	50	49.997	50	24.47	0.257	0.026968	15785	-8.199	70.706
13.653	2.99149	50.001	50.006	50	25.13	0.257	0.010367	15785	-7.164	68.911
13.6492	2.99879	49.997	50.001	49.997	25.05	0.248	0.011517	15785	-6.231	68.767
13.6797	2.99707	49.999	49.997	50	24.96	0.243	0.012795	15785	-5.663	68.651
13.644	2.99504	50.001	49.999	50.002	25.1	0.241	0.014214	15785	-5.328	68.364
13.6594	3.00019	50.002	50	49.998	25.47	0.244	0.026845	15785	-5.095	72.098
13.6421	2.99599	50.004	50.004	50.007	25.09	0.247	0.029823	15785	-4.568	72.083
13.6804	3.00308	49.997	50.001	50.001	24.51	0.247	0.033132	15785	-3.97	70.84
13.6539	2.99893	50.003	49.995	50	24.85	0.244	0.021652	15785	-3.747	72.177
13.6782	2.99765	50.001	50.001	49.994	24.75	0.244	0.040891	15785	-3.261	73.603
13.6769	3.00348	50.005	49.995	49.994	25.14	0.235	0.023578	15785	-3.069	72.784
13.6873	3.00552	50.001	49.994	50.004	24.53	0.253	0.015408	15785	-2.866	73.931
13.6832	3.00206	49.995	49.998	50.008	24.51	0.254	0.0291	15785	-2.947	76.94
13.6794	3.00275	49.999	49.997	50.002	24.98	0.246	0.032329	15785	-2.481	75.921
13.6662	2.99616	49.999	50	49.988	24.17	0.236	0.014084	15785	-3.008	81.458
13.6834	3.00394	50.003	49.999	49.998	24.4	0.244	0.015647	15785	-3.332	79.468
13.6832	3.0038	50	50.002	50.007	24.4	0.245	0.017383	15785	-4.487	79.021
13.6532	2.99859	50.001	50.003	50	24.75	0.239	0.03283	15785	-5.815	79.22
13.6843	3.00575	50.003	49.998	50	24.52	0.243	0.062002	15785	-6.738	75.239

13.6505	2.99889	49.997	49.992	50.001	24.9	0.253	0.040518	15785	-7.753	72.449
13.6536	2.9989	49.996	49.992	50.004	25.12	0.251	0.039717	15785	-9.641	64.593
13.6569	2.9961	50.004	49.99	49.998	25.02	0.251	0.127518	15785	-10.717	65.969
13.6702	2.99734	49.998	50.001	50.004	25.09	0.246	0.055555	15785	-11.795	59.072
13.6566	2.99848	49.995	50.004	50.003	24.45	0.253	0.061718	15785	-11.408	49.884
13.6512	2.99627	49.997	50.002	50	24.62	0.253	0.04571	15785	-12.425	60.965
13.6581	2.99543	50.002	50.002	50	24.77	0.244	0.086328	15785	-12.16	51.781
13.6644	3.00153	50.002	49.999	49.997	25.08	0.253	0.022124	15785	-12.709	47.671
13.6904	3.00807	49.996	50.005	50.001	25.09	0.255	0.027855	15785	-12.913	46.75
13.6466	2.99692	50.006	50	49.995	25.21	0.253	0.030945	15785	-13.299	46.178
13.6712	3.00148	50.001	49.999	49.997	25.28	0.25	0.013482	15785	-14.52	45.205
13.6525	2.99867	49.997	50.003	50	25.62	0.265	0.014978	15785	-16.046	52.617
13.6801	3.00265	50.002	50.002	50.002	25.46	0.26	0.016639	15785	-16.83	54.454
13.649	2.99799	50.002	49.998	50.002	25.59	0.28	0.018485	15785	-17.92	58.042
13.6779	3.00124	50	50.003	49.997	25.67	0.273	0.023274	15785	-18.552	58.3
13.6888	3.00007	49.999	50.003	49.996	25.58	0.261	0.025856	15785	-19.449	62.144
13.673	2.99593	50.005	50.001	49.997	25.38	0.272	0.028725	15785	-20.387	65.888
13.6784	3.00419	49.998	49.996	50.001	25.41	0.265	0.007361	15785	-21.315	67.441
13.6911	3.00269	50.003	49.994	50.003	25.2	0.277	0.023635	15785	-21.203	66.73
13.6472	2.99144	49.999	49.997	49.997	25.11	0.27	0.026257	15785	-20.611	63.317
13.6779	3.00096	49.999	49.995	49.996	25.11	0.275	0.005937	15785	-20.071	61.077
13.6577	2.99491	50.002	50.002	49.997	25.13	0.269	0.021604	15785	-20.163	62.931
13.6873	3.00362	50.004	50.001	49.999	25.18	0.272	0.014118	15785	-19.632	61.256
13.6651	2.99285	50	49.999	50.002	25.31	0.277	0.015684	15785	-19.683	62.997
13.6773	3.00033	50.004	50.001	49.997	25.2	0.26	0.017424	15785	-19.948	63.144
13.6803	3.00309	50.001	50.003	50	25.27	0.268	0.019357	15785	-19.429	65.008
13.6618	2.99389	50.001	49.999	49.994	25.46	0.263	0.024372	15785	-17.289	61.701
13.6755	2.99742	49.997	50.001	50	24.48	0.256	0.046029	15785	-14.601	56.956
13.6698	3.00191	50.001	50.001	50.001	24.48	0.243	0.020053	15785	-13.564	60.923
13.6656	2.99795	50.004	50.007	50.012	24.85	0.256	0.022278	15785	-12.059	59.929
13.6613	2.99921	50.001	50.003	49.994	26.02	0.255	0.0165	15785	-12.262	63.704
13.6914	3.00298	50	50	50.003	24.56	0.26	0.006343	15785	-9.885	56.966
13.6791	3.00638	50	50.002	50.007	25.15	0.251	0.023079	15785	-11.154	62.748
13.662	3.00006	50.003	49.997	50.001	25.98	0.253	0.02564	15785	-11.449	66.232
13.6678	3.00155	49.998	49.994	50	25.83	0.256	0.032282	15785	-11.795	66.342
13.6677	2.99734	50.001	50.001	49.999	25.13	0.255	0.021096	15785	-12.16	73.484

13.6777	3.00133	49.995	50.001	49.996	25.1	0.266	0.026561	15785	-12.181	71.076
13.6619	3.00027	50.001	50	49.999	25.13	0.255	0.011572	15785	-12.211	73.285
13.683	3.00071	50.003	50.004	49.993	25.09	0.265	0.037153	15785	-12.12	72.886
13.6979	3.01053	49.998	50	50.003	25.16	0.248	0.016186	15785	-11.856	71
13.6693	2.99923	50.003	50	49.995	25.22	0.26	0.011988	15785	-12.099	71.64
13.6576	2.99601	50.003	49.994	50	25.09	0.267	0.013318	15785	-12.221	73.028
13.6634	3.00272	49.998	49.996	50.001	25.11	0.262	0.04846	15785	-12.333	71.044
13.6713	3.00327	50.001	49.994	49.994	25.11	0.267	0.031668	15785	-12.476	69.161
13.6426	2.99203	49.999	50.002	49.998	25.65	0.26	0.023454	15785	-12.882	65.035
13.6821	3.00529	49.999	49.993	50.005	25.7	0.269	0.017371	15785	-13.625	62.41
13.7022	3.01017	49.994	50.004	50.004	25.79	0.263	0.032807	15785	-14.459	64.262
13.6721	3.00164	50.001	50.004	49.995	25.76	0.272	0.014293	15785	-15.497	69.657
13.646	3.00162	49.996	49.999	49.998	25.76	0.259	0.078011	15785	-15.354	66.769
13.6658	3.00455	50.007	50.007	50.004	25.79	0.257	0.033987	15785	-14.784	68.581
13.7073	3.00893	49.997	50.002	50	25.78	0.254	0.025171	15785	-13.787	65.389
13.6612	2.99638	50.004	50.001	50.001	24.63	0.252	0.047539	15785	-12.872	62.595
13.6663	2.99972	50.002	49.995	50.001	24.36	0.244	0.01075	15785	-11.144	54.988
13.6831	3.00379	49.999	49.997	49.987	24.55	0.247	0.007961	15785	-10.839	49.736
13.6739	3.00042	49.996	49.999	49.995	25.09	0.244	0.015036	15785	-9.763	53.397
13.6704	3.00336	49.999	49.999	50.001	23.19	0.243	0.016704	15785	-7.235	44.301
13.6951	3.00735	49.996	50.008	50.002	24.38	0.245	0.010916	15785	-9.763	45.642
13.6714	3.00003	49.998	50.001	50	25.84	0.245	0.03972	15785	-10.453	45.113
13.6356	3.00041	50.003	50.006	50.002	25.96	0.26	0.025957	15785	-11.347	56.812
13.6625	3.00149	50.002	49.994	50.002	25.62	0.242	0.032682	15785	-11.571	62.648
13.6848	3.00323	49.997	50.002	50	25.44	0.259	0.012563	15785	-12.221	65.86
13.6617	3.00464	49.998	49.998	50	25.05	0.243	0.009305	15785	-12.099	67.87
13.6539	2.99407	49.996	49.995	49.999	25.09	0.246	0.029874	15785	-11.49	66.275
13.6723	3.00649	49.995	50.004	50.001	25.09	0.26	0.037613	15785	-11.144	67.487
13.6634	2.99571	49.998	50.002	50.004	25.08	0.252	0.02458	15785	-10.687	68.961
13.6729	2.99954	50.01	49.999	49.998	25.09	0.244	0.046422	15785	-10.545	68.692
13.6725	3.00358	50.002	50.001	50.001	25.09	0.245	0.030336	15785	-10.362	70.922
13.6829	3.00083	49.998	49.994	49.997	25.09	0.244	0.019825	15785	-10.006	72.267
13.6857	3.00545	50	50.003	50.007	25.09	0.259	0.019433	15785	-9.824	76.83
13.658	2.99965	50	50.002	49.996	25.09	0.247	0.024467	15785	-9.397	81.356
13.6995	3.01058	49.996	49.998	50.001	25.34	0.252	0.027182	15785	-9.021	82.351
13.709	3.00824	49.999	49.994	49.998	25.25	0.258	0.017763	15785	-8.473	81.749

13.6776	2.99688	50	50.003	50.002	25.07	0.249	0.033548	15785	-8.534	80.885
13.6414	2.99007	49.997	49.994	49.994	24.81	0.251	0.063358	15785	-9.702	77.471
13.6618	3.00007	49.996	49.995	49.994	24.54	0.258	0.024356	15785	-9.194	61.949
13.6526	2.99844	49.998	49.995	49.995	24.41	0.248	0.015916	15785	-8.879	64.836
13.6788	3.00271	50.003	50.003	50.007	24.41	0.248	0.010401	15785	-8.179	65.886
13.6443	2.99174	50.001	49.996	50	24.85	0.245	0.022263	15785	-8.027	65.916
13.6476	2.9972	49.998	49.999	49.998	24.64	0.247	0.024733	15785	-7.702	64.333
13.6947	3.00351	50.002	50	50.006	24.33	0.238	0.009507	15785	-8.29	62.895
13.6718	3.00012	50.001	50.003	50.001	24.35	0.245	0.017956	15785	-7.976	62.215
13.6835	2.99999	49.998	50	50	25.07	0.249	0.033911	15785	-8.615	58.934
13.7044	3.00502	50.002	50.002	50.003	25.09	0.262	0.042697	15785	-9.356	62.627
13.6718	3.00423	50	49.995	50.007	25.34	0.258	0.027902	15785	-11.327	69.442
13.6816	3.0053	50.003	50.007	50.002	25.59	0.27	0.010726	15785	-11.449	71.894
13.6456	2.99608	50.001	50.005	50.006	25.76	0.27	0.034437	15785	-11.449	71.799
13.6494	2.99731	50.004	50	49.999	25.54	0.263	0.025505	15785	-12.181	72.772
13.6673	2.99973	50.001	50	49.999	25.19	0.257	0.011112	15785	-12.791	72.039
13.6621	2.997	50	50	49.998	25.76	0.257	0.007261	15785	-13.665	70.46
13.6707	2.99845	49.999	50	50	25.3	0.26	0.015542	15785	-15.059	73.251
13.6642	2.99731	49.998	49.996	50.003	25.7	0.256	0.019569	15785	-16.006	75.198
13.6605	2.99862	49.997	50.002	50.003	25.39	0.266	0.02174	15785	-15.497	77.391
13.7368	3.01502	49.998	49.998	49.997	25.48	0.26	0.046532	15785	-15.069	82.913
13.6632	2.99979	49.996	50.004	49.999	25.38	0.268	0.017887	15785	-15.375	77.703
13.6844	2.99796	49.995	50.001	49.993	25.25	0.265	0.022521	15785	-16.311	78.458
13.6628	2.99658	49.999	50.003	49.999	25.14	0.26	0.042534	15785	-17.329	73.218
13.678	2.99459	49.997	49.996	50.005	25.15	0.264	0.01853	15785	-16.759	75.786
13.6523	2.99655	50.001	49.993	50.005	25.21	0.255	0.039663	15785	-16.474	76.509
13.7017	3.00807	50.002	49.996	49.995	25.11	0.255	0.044063	15785	-16.169	70.535
13.6786	3.0012	50.002	50.002	50.001	25.38	0.255	0.011292	15785	-16.128	68.863
13.6929	3.00848	49.994	49.999	50	24.62	0.246	0.02417	15785	-15.66	65.531
13.6507	2.99978	49.997	50	49.995	25.01	0.259	0.009291	15785	-15.619	61.414
13.6649	2.99733	50	49.998	50	24.57	0.265	0.019887	15785	-15.375	59.595
13.6832	3.00315	49.996	50.002	50.004	25.72	0.25	0.025039	15785	-14.968	52.2
13.6907	3.00512	50	49.993	49.997	25.61	0.252	0.027817	15785	-15.232	57.915
13.7049	3.00222	49.997	50.006	49.998	25.82	0.255	0.052535	15785	-15.934	57.664
13.6798	3.00445	50.002	50.001	50.004	25.73	0.266	0.022888	15785	-17.167	62.481
13.6834	2.99781	50.002	50.004	49.999	25.38	0.268	0.025427	15785	-18.063	64.092

13.6685	2.99731	49.997	49.997	50.001	25.15	0.27	0.028248	15785	-18.532	65.35
13.6629	3.00018	50.003	50	49.999	25.09	0.269	0.010859	15785	-19.184	65.25
13.6747	3.00538	49.997	50.002	50.001	25.09	0.271	0.034863	15785	-19.959	66.403
13.6591	2.99599	50.006	50	50.002	25.13	0.266	0.025821	15785	-20.54	65.81
13.6385	2.99562	50.002	49.995	49.991	25.12	0.266	0.028685	15785	-20.958	66.731
13.7031	3.00806	49.998	50.001	49.999	25.16	0.276	0.018746	15785	-21.488	67.758
13.6476	3.00256	49.999	50.009	49.999	25.11	0.274	0.020825	15785	-22.284	69.06
13.6635	2.99925	50.001	49.997	50	25.12	0.273	0.039331	15785	-22.366	70.391
13.6869	3.00577	49.996	49.999	49.995	25.1	0.263	0.017135	15785	-22.611	70.017
13.6851	3.0045	49.999	50.003	50.003	25.09	0.273	0.019036	15785	-23.203	69.214
13.6498	2.99424	49.999	50	49.998	25.02	0.261	0.035951	15785	-23.019	69.252
13.6597	2.99512	49.998	49.995	50.002	25.09	0.281	0.023494	15785	-23.673	69.253
13.653	2.99482	50	50.007	49.999	25.09	0.275	0.015353	15785	-23.57	69.593
13.6625	3.00259	49.995	49.998	50.003	25.46	0.273	0.017057	15785	-22.019	64.826
13.6341	2.99625	49.994	49.997	49.998	25.17	0.254	0.032213	15785	-20.611	59.895
13.661	3.00247	50.003	50.004	50.006	24.92	0.273	0.014034	15785	-19.53	54.963
13.6741	3.00041	49.998	50	50.004	24.87	0.259	0.026505	15785	-18.888	51.369
13.6864	3.00086	49.997	49.999	49.998	24.54	0.251	0.017321	15785	-17.961	48.651
13.7037	3.00294	49.996	49.999	49.995	24.61	0.26	0.021808	15785	-17.167	50.354
13.6643	3.00119	50	49.998	50.001	25.18	0.261	0.041187	15785	-16.902	50.697
13.6668	2.99927	50	49.997	49.998	25.76	0.255	0.045756	15785	-15.741	50.922
13.6867	3.00502	50.014	50.004	49.998	25.21	0.267	0.019934	15785	-15.761	50.474
13.6661	3.0029	49.997	49.995	49.993	25.64	0.258	0.064001	15785	-16.148	54.074
13.6869	3.00458	50.001	49.998	50.003	25.83	0.26	0.041825	15785	-18.593	63.047
13.6668	3.00038	49.998	49.996	49.995	25.72	0.269	0.046465	15785	-19.123	65.868
13.6935	3.00762	49.996	49.998	50.001	25.79	0.267	0.011908	15785	-19.306	63.634
13.6678	3.00311	49.998	49.999	49.991	25.74	0.274	0.038231	15785	-20.856	72.114
13.6549	2.99282	50.001	50.001	49.999	25.75	0.261	0.024984	15785	-20.917	77.098
13.669	2.99887	49.999	50	50.005	25.8	0.269	0.031456	15785	-20.958	76.578
13.6886	3.00678	49.998	49.994	50.004	25.78	0.271	0.012092	15785	-21.04	82.245
13.6213	2.99451	50.005	50.001	50.001	25.77	0.262	0.022837	15785	-22.121	80.76
13.6741	2.99957	49.999	50.001	49.995	25.71	0.259	0.016914	15785	-21.437	76.061
13.6651	2.99598	50.002	50	50.002	25.51	0.269	0.031943	15785	-21.019	73.504
13.6453	2.99187	49.999	49.995	49.998	25.64	0.279	0.020875	15785	-20.662	73.362
13.6545	2.9915	50.001	50.002	50.002	25.82	0.258	0.026283	15785	-19.612	73.013
13.684	3.00217	49.999	49.999	50.001	25.79	0.261	0.010103	15785	-18.002	67.124

13.6813	3.00674	50.005	50	49.996	25.78	0.268	0.032438	15785	-16.942	68.746
13.6612	2.99952	49.999	49.998	50.006	25.77	0.279	0.008313	15785	-15.985	69.392
13.6994	3.00959	49.995	50.002	50.003	25.78	0.263	0.02669	15785	-14.561	66.111
13.6423	2.99251	50.004	50.002	49.997	25.91	0.27	0.033604	15785	-13.787	69.91
13.6895	3.00275	49.997	49.995	50.002	25.96	0.267	0.063465	15785	-12.974	77.687
13.6873	3.00804	49.998	49.999	49.997	26.19	0.265	0.02765	15785	-11.612	76.858
13.6583	3.00068	49.999	50.002	50	25.81	0.25	0.034813	15785	-10.352	72.433
13.6609	2.99274	49.999	50.002	50.008	25.85	0.255	0.02275	15785	-9.58	68.239
13.6999	3.00254	50	50.002	50.004	25.8	0.254	0.025274	15785	-8.159	60.029
13.6356	2.99464	50.003	49.996	50.003	25.54	0.251	0.016516	15785	-7.814	58.444
13.698	3.00201	49.996	50.004	50.003	25.73	0.258	0.090147	15785	-7.245	54.03
13.6395	2.99444	50.002	50	49.997	25.82	0.261	0.020384	15785	-8.118	60.119
13.6665	2.99768	49.996	50.008	49.998	25.73	0.243	0.038498	15785	-8.483	61.678
13.6593	3.00238	50	49.998	49.998	25.75	0.251	0.042769	15785	-8.727	65.632
13.6634	2.9982	50.001	50.002	50.001	25.26	0.261	0.018633	15785	-8.707	68.534
13.7038	3.01276	49.999	50	50.002	25.45	0.247	0.059823	15785	-8.625	70.057
13.6851	3.00658	50	49.998	50	25.1	0.254	0.022997	15785	-8.565	71.629
13.6673	3.0049	49.998	50.002	50.005	25.1	0.247	0.043431	15785	-8.392	72.556
13.6629	2.99367	50.003	50	50.005	25.09	0.247	0.009821	15785	-8.219	73.904
13.6627	2.99516	50.002	50.003	49.999	25.18	0.24	0.031531	15785	-8.199	75.6
13.6722	3.00146	49.993	49.994	49.997	25.09	0.247	0.035029	15785	-8.24	78.933
13.6741	3.00122	50.003	49.995	50.004	24.56	0.238	0.038915	15785	-8.402	80.741
13.6372	2.99458	49.998	49.995	49.997	24.45	0.251	0.025431	15785	-8.747	83.407
13.6808	2.99916	50	50.003	50.003	24.55	0.243	0.032019	15785	-8.443	83.586
13.711	3.00816	49.998	49.996	50	25.09	0.24	0.020924	15785	-8.159	84.06
13.6648	2.99695	50	50.003	50.003	26	0.251	0.023246	15785	-7.053	81.26
13.6933	3.0065	50.006	50.007	49.995	25.76	0.242	0.043902	15785	-6.069	79.025
13.6594	2.99961	49.994	50	49.992	24.53	0.243	0.009927	15785	-4.659	74.543
13.6692	2.99873	50.007	49.999	50.002	24.87	0.237	0.031873	15785	-2.127	68.081
13.7004	3.00569	50.001	49.998	49.999	26.16	0.242	0.035409	15785	-0.953	63.397
13.6867	3.00352	50.001	49.999	49.998	25.78	0.232	0.026225	15785	-2.988	73.317
13.6703	3.00135	50.001	49.998	50.005	23.75	0.243	0.029134	15785	-3.069	76.081
13.6813	3.00252	50.006	49.997	49.998	24.4	0.241	0.019039	15785	-2.937	76.301
13.6794	3.00239	49.997	49.998	49.994	25.1	0.237	0.014101	15785	-3.292	79.058
13.6969	3.00078	49.999	50.004	50	25.09	0.252	0.026631	15785	-3.504	81.161
13.6772	3.0028	49.999	50.003	50.001	25.25	0.253	0.010237	15785	-3.322	83.962

13.6862	3.00166	50.007	50.004	49.997	25.1	0.246	0.055875	15785	-2.998	81.686
13.6726	3.00246	49.997	50.003	49.998	25.32	0.247	0.021479	15785	-2.927	82.554
13.6587	2.99181	50	50.006	50.008	25.72	0.254	0.023862	15785	-2.947	84.931
13.654	2.99918	50	50	49.998	25.81	0.245	0.045065	15785	-3.129	86.728
13.6887	3.0052	50.003	50.005	50.004	25.8	0.255	0.02945	15785	-3.373	88.214
13.6625	3.00186	49.996	50.006	49.996	25.87	0.247	0.032717	15785	-3.352	77.252
13.6629	2.99984	49.998	50.001	49.996	25.9	0.253	0.036347	15785	-3.94	78.06
13.6707	2.99608	50.001	49.998	50.006	25.75	0.251	0.013972	15785	-5.176	78.542
13.6848	2.99868	50.001	49.999	49.999	25.08	0.261	0.029906	15785	-6.718	76.439
13.6967	3.006	49.999	49.998	50	25.06	0.243	0.019544	15785	-8.199	69.971
13.6583	2.99645	50.001	50.002	50.002	25.07	0.259	0.007513	15785	-10.88	78.769
13.6813	3.0017	50	49.991	50.002	25.09	0.261	0.024121	15785	-10.829	74.446
13.7166	3.01119	50.005	49.994	49.999	25.09	0.265	0.030369	15785	-11.469	76.302
13.6861	3.00216	49.998	49.999	49.999	25.09	0.255	0.038237	15785	-10.514	75.509
13.667	2.9986	50.002	50	50.003	25.15	0.259	0.024988	15785	-10.677	67.979
13.6853	3.00548	49.996	50.002	49.998	25.18	0.254	0.018507	15785	-10.677	65.726
13.6624	2.99602	49.996	49.996	50	25.13	0.247	0.059418	15785	-10.23	63.099
13.6465	2.99993	49.998	49.998	49.998	25.9	0.26	0.06601	15785	-9.417	61.146
13.6702	3.00371	50.002	50	49.999	25.87	0.252	0.009951	15785	-9.803	56.895
13.6571	2.99724	49.999	49.998	49.999	25.55	0.248	0.018793	15785	-10.21	56.04
13.6721	3.00026	50.002	49.999	49.997	25.78	0.261	0.040225	15785	-10.585	55.816
13.6658	3.00114	50.002	50.004	49.996	25.31	0.258	0.026287	15785	-11.368	54.788
13.6777	2.99981	49.999	50.003	50.002	25.53	0.253	0.095651	15785	-12.282	61.121
13.6581	3.0026	49.995	50.001	49.996	25.7	0.26	0.021629	15785	-14.052	63.757
13.6518	2.99782	49.999	49.999	49.999	25.91	0.276	0.016019	15785	-15.232	66.105
13.6489	2.99889	50.005	49.998	49.997	25.8	0.269	0.017796	15785	-16.352	67.931
13.6669	3.00213	50.001	49.998	50	25.77	0.269	0.097133	15785	-16.739	66.183
13.6965	3.00181	50.004	49.999	50.002	25.79	0.268	0.021964	15785	-17.228	65.991
13.7001	3.00164	50.003	50.001	49.995	25.77	0.279	0.027654	15785	-18.695	69.545
13.6751	3.0003	49.999	50.003	50.002	25.73	0.273	0.018072	15785	-19.643	70.231
13.6606	2.99682	50.005	50.002	49.997	25.75	0.271	0.020077	15785	-20.203	70.501
13.6936	3.00683	49.999	49.995	49.998	25.79	0.267	0.007718	15785	-20.448	69.184
13.6314	2.99126	49.999	50	49.999	25.76	0.268	0.016519	15785	-21.019	68.652
13.7119	3.00479	50.001	50.006	50.001	25.86	0.267	0.031198	15785	-22.335	70.715
13.7086	3.01243	50	50.001	49.998	25.69	0.291	0.023106	15785	-22.948	70.923
13.7032	3.00424	49.999	49.998	50.006	25.44	0.268	0.0151	15785	-23.693	71.144

13.6838	3.00638	50.002	49.999	49.997	25.53	0.281	0.011183	15785	-22.856	68.734
13.677	3.00139	49.999	49.999	50	25.63	0.263	0.021121	15785	-21.529	65.065
13.678	2.99887	50	49.999	50.001	25.26	0.274	0.039889	15785	-19.602	61.914
13.678	2.99887	50	49.999	50.001	25.26	0.274	0.039889	15785	-19.602	61.914
13.6936	3.00457	50	49.999	49.989	25.09	0.264	0	15785	-17.105	54.411
13.6734	2.99801	50	50	50.002	24.87	0.252	0.054542	15785	-15.904	51.315
13.7024	3.00467	50	50.005	50	25.41	0.262	0.012333	15785	-15.039	49.54
13.6783	3.00457	49.998	50.002	50.003	25.82	0.25	0.039597	15785	-13.899	49.022
13.6723	2.9984	50.004	49.997	50.002	26.27	0.25	0.015221	15785	-13.014	47.4
13.6586	2.99996	49.998	49.996	50.002	26.05	0.258	0.019165	15785	-13.014	49.657
13.7121	3.00687	49.995	50.002	50.001	26.39	0.248	0.012524	15785	-12.75	50.034
13.6678	3.00011	50.001	49.997	50.001	26.4	0.251	0.04021	15785	-13.543	52.302
13.7052	3.00646	50.001	49.998	50.001	25.8	0.262	0.026277	15785	-16.556	63.549
13.6724	2.99832	50.002	49.996	49.993	25.69	0.267	0.017172	15785	-17.604	67.68
13.6672	2.99739	50	49.998	49.996	25.47	0.273	0.011222	15785	-17.737	69.083
13.6552	2.99733	49.998	49.996	49.996	25.8	0.26	0.036029	15785	-18.328	70.876
13.6867	3.00795	49.999	50	50	25.8	0.262	0.023545	15785	-18.307	69.484
13.6628	2.99489	49.998	49.993	50.001	25.72	0.278	0.005324	15785	-17.655	68.483
13.668	2.9991	49.998	49.994	50.004	25.65	0.269	0.029059	15785	-16.841	72.48
13.6544	2.99832	49.99	50	50.001	25.75	0.259	0.01266	15785	-16.963	71.972
13.6706	3.00315	49.997	50.007	50	25.75	0.257	0.02391	15785	-16.617	68.883
13.6304	2.99313	50.002	50.004	49.998	25.77	0.277	0.045156	15785	-16.902	68.635
13.6524	2.99922	50.005	49.997	49.999	25.76	0.271	0.029509	15785	-17.268	70.073
13.6762	3.0015	50.002	50.003	49.997	25.63	0.266	0.019284	15785	-16.881	69.067
13.6729	3.00078	49.998	49.997	50	25.41	0.266	0.021423	15785	-16.942	69.575
13.6952	3.00458	50	50.001	49.999	25.46	0.262	0.009333	15785	-16.108	68.244
13.683	3.00247	49.998	49.997	50.007	25.74	0.254	0.029966	15785	-14.093	64.43
13.6805	3.00683	49.997	49.999	50	25.94	0.255	0.03329	15785	-12.11	64.063
13.657	2.99855	50.005	49.998	50.001	26.05	0.258	0.062872	15785	-9.692	61.653
13.6576	2.99501	49.999	50.007	50.001	25.8	0.247	0.024169	15785	-7.286	61.088
13.7131	3.01017	49.99	50	49.995	25.32	0.253	0.02685	15785	-4.548	60.724
13.6716	2.99904	49.997	49.996	50.005	25.25	0.243	0.017546	15785	-3.292	60.801
13.654	2.99526	49.999	49.996	50.002	25.15	0.253	0.033138	15785	-2.745	62.893
13.6947	3.00202	50	49.997	49.997	24.43	0.25	0.040899	15785	-0.426	66.023
13.6537	2.99995	49.998	49.995	50.005	25.09	0.241	0.045436	15785	-0.821	68.744
13.6947	3.00291	50.003	50.001	49.996	25.92	0.242	0.017466	15785	-2.218	74.723

13.6624	2.99561	50.002	49.999	49.995	25.13	0.251	0.056077	15785	-1.874	70.632
13.6724	3.00878	49.997	50.006	49.997	25.09	0.244	0.021557	15785	-3.443	72.658
13.6747	3.00296	50	49.998	49.999	24.42	0.24	0.014087	15785	-4.639	74.017
13.649	2.99501	50	50.002	49.998	24.78	0.257	0.045228	15785	-6.129	74.373
13.681	2.99906	49.998	49.999	50.006	25.07	0.246	0.029557	15785	-6.211	71.035
13.6492	2.9961	50.001	50.002	50.003	25.09	0.261	0.032836	15785	-8.341	73.26
13.6894	2.99937	49.999	49.998	49.999	25.15	0.256	0.036478	15785	-8.971	71.545
13.6716	3.00076	49.999	49.999	50	24.87	0.244	0.023839	15785	-9.966	74.47
13.6544	2.9922	50	49.996	50	25.09	0.251	0.026483	15785	-10.372	68.825
13.6613	3.00023	49.999	49.999	49.996	25.08	0.247	0.029421	15785	-10.596	63.391
13.6461	2.99995	50.002	50.002	49.997	25.09	0.263	0.019227	15785	-10.514	58.404
13.6775	2.99898	50	50.006	50.007	25.18	0.262	0.041153	15785	-11.571	61.558
13.6628	3.00231	49.995	50.001	50.007	25.02	0.26	0.045719	15785	-11.398	62.057
13.6616	2.99318	50	49.997	49.995	25.13	0.259	0.050791	15785	-10.656	58.783
13.6774	3.00177	49.995	50	50.002	25.17	0.25	0.011485	15785	-8.453	50.876
13.6916	3.00843	49.995	50.001	50.004	24.53	0.247	0.036874	15785	-6.413	47.201
13.6864	3.0046	50.002	49.999	50.001	23.84	0.24	0.078926	15785	-5.866	53.701
13.6809	3.00783	49.998	49.998	49.998	24.33	0.24	0.02677	15785	-4.953	57.536
13.6373	2.99103	49.996	50.003	50.003	25.07	0.242	0.050559	15785	-4.994	57.531
13.6626	3.00038	49.998	49.999	49.997	25.67	0.245	0.03304	15785	-4.781	62.216
13.6654	3.00041	49.999	50.01	49.996	26.4	0.253	0.036705	15785	-6.393	83.427
13.6573	2.99757	49.997	50.001	49.998	26.43	0.237	0.01411	15785	-6.697	87.309
13.6449	2.99736	49.998	49.993	49.997	26.4	0.238	0.009221	15785	-6.677	88.336
13.694	3.0015	49.995	50.002	49.999	26.29	0.24	0.029604	15785	-6.799	89.505
13.6461	2.99388	50.003	49.996	49.999	25.94	0.247	0.055911	15785	-6.708	89.45
13.664	2.99868	50.001	49.999	50.001	25.86	0.245	0.024358	15785	-6.839	89.255
13.6543	2.99747	49.998	50	49.998	25.76	0.262	0.027061	15785	-7.387	87.782
13.6514	2.99806	49.999	49.996	49.994	25.3	0.257	0.051107	15785	-7.671	87.015
13.6578	2.99564	50.006	49.998	50.001	25.16	0.259	0.056777	15785	-8.108	86.204
13.6641	3.00347	49.994	50.001	50.001	25.1	0.251	0.01455	15785	-8.686	86.588
13.6663	3	50	49.996	50.002	25.12	0.253	0.02748	15785	-9.214	84.824
13.6867	2.99931	50.006	49.996	49.998	25.18	0.253	0.030528	15785	-9.905	84.17
13.6678	2.99783	49.995	50.005	50.002	25.35	0.267	0.098015	15785	-10.169	83.915
13.669	2.99811	50	49.997	50.006	25.17	0.256	0.022163	15785	-10.392	84.629
13.6384	2.99277	50	50.006	49.999	25.2	0.245	0.024622	15785	-10.778	83.825
13.6804	2.99989	50.001	50	50	25.3	0.259	0.018236	15785	-10.961	81.924

13.666	3.00293	50.002	49.999	49.998	25.32	0.262	0.03444	15785	-11.073	80.953
13.6512	2.99934	49.999	50.004	49.999	25.28	0.256	0.015004	15785	-11.124	78.623
13.6276	2.99424	49.996	49.998	50	25.14	0.255	0.028337	15785	-10.25	74.688
13.6675	3.00463	49.995	50	50	25.15	0.246	0.035679	15785	-10.555	72.461
13.6729	3.00625	49.996	50.004	49.997	25.06	0.265	0.039637	15785	-10.037	70.334
13.6914	3.00325	49.997	49.995	49.998	25.69	0.25	0.025903	15785	-8.565	65.968
13.6784	3.00576	49.999	50.003	49.993	26.29	0.248	0.083164	15785	-8.686	66.022
13.6626	3.00314	50.002	49.996	49.998	25.62	0.251	0.018805	15785	-9.255	60.648
13.683	3.00077	49.998	49.998	50.002	25.98	0.251	0.035516	15785	-9.407	59.098
13.6663	2.99879	50	50.003	50.002	25.88	0.253	0.023209	15785	-10.636	60.566
13.6681	3.00141	50	49.997	49.998	25.79	0.27	0.017189	15785	-12.384	65.227
13.67	3.00191	49.998	49.999	49.998	25.48	0.268	0.011233	15785	-13.808	66.503
13.686	3.00469	49.996	49.999	50	25.2	0.255	0.040874	15785	-15.639	70.173
13.6727	3.00186	49.997	49.997	49.998	25.84	0.258	0.026711	15785	-16.535	70.408
13.6854	3.00674	50.002	49.998	49.996	25.78	0.275	0.050447	15785	-18.338	71.839
13.6614	3.00353	50	49.998	50.001	25.82	0.276	0.011407	15785	-18.837	69.795
13.6829	3.0065	50	49.996	49.999	25.78	0.272	0.014362	15785	-19.806	70.105
13.6701	3.00192	49.998	50.006	49.998	25.78	0.28	0.009386	15785	-22.223	76.305
13.6746	3.00285	49.998	50	49.998	25.78	0.285	0.017726	15785	-23.162	78.377
13.672	3.00097	50.003	50.001	50.005	25.81	0.277	0.022318	15785	-25.204	79.493
13.6661	2.99509	50	50	50.007	25.78	0.273	0.008579	15785	-25.082	78.238
13.6586	2.99737	50.003	49.996	50	25.75	0.279	0.031218	15785	-26.093	80.022
13.6755	3.00314	50.001	49.997	49.998	25.65	0.287	0.0136	15785	-25.143	78.425
13.6844	3.00472	50	50.002	50.003	25.63	0.283	0.015109	15785	-25.583	77.346
13.6651	2.99421	50.001	49.999	50.001	25.75	0.286	0.03234	15785	-25.511	73.761
13.636	2.99329	50	50.008	50.001	25.85	0.258	0.012432	15785	-22.774	69.621
13.6911	3.00466	49.995	50.002	49.995	25.22	0.263	0.039914	15785	-20.856	68.635
13.6577	2.99225	49.999	50	50.001	24.33	0.265	0.005309	15785	-15.66	55.634
13.6775	3.00473	50	50.001	49.998	24.39	0.256	0.019318	15785	-13.97	56.607
13.6775	2.9999	49.997	49.993	50.001	25.1	0.262	0.021461	15785	-11.49	53.249
13.6686	3.00219	49.995	50.001	50.001	25.27	0.247	0.078092	15785	-11.408	55.358
13.6776	3.00068	50	50.005	50.004	25.78	0.258	0.051033	15785	-10.575	52.38
13.6706	3.00324	49.996	50	50	26.47	0.262	0.03335	15785	-11.632	53.56
13.6698	2.99293	49.995	49.999	49.998	26.46	0.251	0.021794	15785	-10.494	50.213
13.6635	2.99958	50.005	50	49.994	26.58	0.251	0.02744	15785	-12.181	54.799
13.6605	3.0035	49.999	50.002	50	26.22	0.253	0.088099	15785	-15.263	64.238

13.6669	3.0039	50	50.008	50.005	25.81	0.256	0.019921	15785	-16.739	69.499
13.6733	3.00037	50.008	49.998	49.997	25.89	0.26	0.013018	15785	-18.807	74.33
13.6783	3.00079	50.001	49.999	49.999	26.03	0.268	0.041797	15785	-19.653	79.66
13.6948	3.00593	49.999	49.997	49.998	26	0.274	0.027314	15785	-21.182	83.828
13.657	2.99695	49.995	49.995	50	25.93	0.28	0.02023	15785	-22.305	83.131
13.6505	2.99467	49.997	49.996	50.002	25.9	0.27	0.038206	15785	-22.978	82.956
13.6739	2.99963	50	50.002	50.001	25.94	0.273	0.014687	15785	-23.591	82.14
13.6674	2.99858	49.999	50	49.999	25.8	0.274	0.027737	15785	-24.183	80.105
13.6504	2.99931	50	50	50.009	25.83	0.282	0.020543	15785	-24.285	81.577
13.6753	3.00349	49.992	49.996	49.997	25.79	0.28	0.038798	15785	-24.878	79.094
13.6913	3.00098	49.996	50.002	50.003	25.9	0.284	0.025354	15785	-25.123	79.593
13.6582	2.99436	50.002	49.997	49.999	25.92	0.279	0.018778	15785	-25.348	79.224
13.6749	2.99912	49.997	49.996	50.005	25.84	0.286	0.020861	15785	-24.98	80.459
13.6855	3.00449	49.999	49.999	50.002	25.85	0.273	0.066978	15785	-20.897	78.175
13.6855	3.00044	50.005	49.998	50	25.41	0.254	0.025747	15785	-17.533	76.66
13.668	2.99826	49.997	50.006	50.003	24.81	0.268	0.019069	15785	-11.754	57.232
13.681	3.00285	50	50	50.004	23.88	0.263	0.036013	15785	-10.413	54.134
13.6913	2.99923	50.006	50.009	50.011	4.54	0.266	0	15785	-9.214	55.427
13.6914	3.00452	50.008	50.002	50.003	23.81	0.261	0	15785	-8.504	59.222
13.6591	2.99558	50	50.003	50.004	24.75	0.248	0.177705	15785	-7.834	60.114
13.6959	3.00391	49.997	50	50.004	25.02	0.26	0.116129	15785	-6.921	53.797
13.6694	2.99957	49.993	50	50.002	26.37	0.254	0.146215	15785	-7.702	59.921
13.6891	3.00047	50.002	50.001	50.001	26.31	0.256	0.276141	15785	-8.382	66.714
13.7071	3.00898	49.999	50.002	49.995	26.07	0.254	0.180457	15785	-8.595	73.8
13.6672	2.99856	49.986	49.999	50.008	25.23	0.26	0.046246	15785	-9.123	86.227
13.6833	3.00375	49.995	50.003	49.999	25.15	0.262	0.087341	15785	-8.991	87.481
13.6713	2.99718	50	49.995	49.999	25.25	0.256	0.164952	15785	-8.697	85.64
13.656	2.99993	50	49.998	49.996	25.06	0.247	0.122168	15785	-8.95	86.315
13.6666	2.99798	50.003	49.999	50.001	25.49	0.248	0.079836	15785	-8.788	86.928
13.6782	3.0036	49.998	49.995	49.998	26.17	0.247	0.2905	15785	-8.828	87.644
13.6709	2.99589	50	49.998	50	26.09	0.262	0.189841	15785	-9.042	88.068
13.6784	3.00119	50.003	49.997	50.002	26.14	0.254	0.239022	15785	-9.377	89.399
13.6905	3.00595	49.999	49.999	49.994	26.12	0.259	0.1562	15785	-9.702	90.298
13.6696	3.0009	49.998	49.993	49.998	26	0.252	0.196666	15785	-10.677	90.449
13.7002	3.01082	50.001	50.002	49.999	25.8	0.259	0.12852	15785	-11.398	88.986
13.6735	3.00108	49.999	50.002	49.999	25.84	0.255	0.142779	15785	-11.693	88.886

13.6941	3.00393	50.001	49.998	49.997	25.89	0.263	0.179768	15785	-10.687	88.459
13.6994	3.00723	49.998	50.001	49.999	26.34	0.259	0.117478	15785	-9.641	86.583
13.6549	2.99864	49.999	50.003	50.003	26.46	0.245	0.147912	15785	-8.889	87.427
13.6896	3.0098	50.003	49.997	49.998	25.09	0.258	0.279348	15785	-6.809	86.081
13.686	3.00968	50.004	50.003	49.997	24.04	0.257	0.09475	15785	-5.663	86.979
13.6571	2.99452	49.993	50.001	50.003	24.24	0.243	0.119297	15785	-4.193	75.122
13.6589	2.99578	50.002	50.001	50	24.42	0.242	0.225305	15785	-4.163	71.35
13.6722	3.00348	49.994	49.997	50	24.33	0.246	0.086609	15785	-5.034	73.789
13.7142	3.01117	49.998	50.002	50.003	24.4	0.251	0.144327	15785	-4.173	68.966
13.6877	3.00689	50.003	50.002	49.996	24.63	0.251	0.160339	15785	-4.71	70.195
13.68	3.00011	49.998	49.998	50.002	24.96	0.244	0.178127	15785	-5.937	71.779
13.6821	3.00037	50	50.002	50.004	25.2	0.25	0.197889	15785	-8.016	75.78
13.6946	3.00465	50.004	50	50	25.15	0.249	0.129319	15785	-10.9	80.886
13.6568	2.99544	49.989	50.001	49.999	25.1	0.26	0.162822	15785	-10.778	83.323
13.6711	3.00447	49.994	49.997	50.004	25.6	0.257	0.106403	15785	-9.722	82.461
13.6509	3.00035	50	49.998	49.996	25.11	0.272	0.341621	15785	-10.535	80.801
13.6519	2.99715	50.003	50.003	50	25.14	0.271	0.253014	15785	-11.774	80.526
13.7115	3.01123	49.999	50.006	50.003	25.15	0.272	0.318562	15785	-13.421	80.132
13.6845	3.00671	50.002	50.003	49.997	25.11	0.256	0.235936	15785	-13.808	82.879
13.6586	2.99336	50	49.997	49.997	25.16	0.261	0.154183	15785	-14.327	82.811
13.6478	2.99471	50.001	50.005	49.999	25.16	0.259	0.194127	15785	-14.52	84.573
13.674	3.00597	50.004	49.998	50.001	25.17	0.274	0.143776	15785	-15.497	82.764
13.6771	2.9969	49.994	49.999	49.998	25.29	0.263	0.055269	15785	-14.805	84.56
13.6577	2.99583	49.997	49.996	50.001	25.2	0.255	0.069587	15785	-16.749	86.062
13.6943	3.00929	49.998	49.999	50.001	25.13	0.26	0.131422	15785	-15.232	81.551
13.634	2.99121	50.002	49.997	49.999	24.4	0.257	0.16547	15785	-14.52	72.932
13.6489	2.99218	50	49.997	50.002	24.27	0.252	0.108134	15785	-9.631	65.819
13.6947	3.00221	49.998	50.005	50.003	26.11	0.257	0.136148	15785	-5.582	56.523
13.6604	2.99797	50.001	50.001	50.008	28.15	0.246	0.151252	15785	-2.177	51.333
13.6818	3.00498	49.998	50.004	49.997	29.06	0.244	0.020119	15785	-2.684	57.595
13.6695	3.0042	49.998	50	50.005	28.82	0.247	0.064593	15785	1.061	45.943
13.6783	3.0002	50.002	49.999	50.001	28.53	0.246	0.081327	15785	-2.745	57.25
13.6589	3.00008	50.007	49.999	50.006	28.49	0.246	0.035431	15785	-2.643	56.283
13.6642	3.00076	50.006	50.004	49.998	26.12	0.258	0.039362	15785	-4.426	61.849
13.6683	3.00118	49.997	50.005	49.997	25.79	0.248	0.074339	15785	-4.903	67.12
13.6603	2.99876	50.002	50.002	50.002	25.12	0.259	0.082587	15785	-5.247	68.884

13.6889	3.00826	49.997	49.995	49.994	25.22	0.252	0.05397	15785	-5.46	73.603
13.6602	2.99876	50	49.996	49.998	24.99	0.244	0.115518	15785	-5.582	76.408
13.6371	3.00005	50.004	49.993	50.001	26.13	0.261	0.218168	15785	-5.247	73.961
13.7062	3.01278	50.001	49.999	50.009	25.09	0.249	0.083866	15785	-5.075	79.549
13.6601	2.99518	50	49.994	50.002	26.16	0.253	0.054806	15785	-5.207	77.193
13.6234	2.99349	49.997	49.993	50.001	25.73	0.248	0.035815	15785	-5.136	76.247
13.6461	2.99639	49.999	50.006	49.998	24.95	0.242	0.07666	15785	-5.075	75.195
13.6569	2.99288	49.999	50.003	49.999	25.01	0.258	0.127747	15785	-4.649	73.628
13.6876	3.00077	49.999	49.998	50.002	25.78	0.255	0.094613	15785	-4.639	77.365
13.6708	2.9997	49.993	50.003	49.996	25.11	0.248	0.03637	15785	-4.122	83.048
13.6956	3.00813	49.999	50.003	49.997	25.82	0.24	0.040405	15785	-3.565	87.037
13.6779	3.00033	50	50	49.999	25.33	0.247	0.076309	15785	-3.494	89.482
13.6573	2.99865	50.005	50	50.001	25.35	0.254	0.084775	15785	-3.14	90.571
13.6852	3.00175	49.999	50.001	49.994	25.78	0.242	0.0554	15785	-2.471	90.019
13.6855	3.00534	50.009	49.998	50	25.44	0.243	0.061546	15785	-2.309	89.3
13.6898	3.00451	50.002	50.001	49.997	25.26	0.241	0.068374	15785	-1.489	91.299
13.667	2.99766	50.006	49.998	50.002	25.13	0.236	0.026284	15785	-0.76	92.503
13.6782	3.00765	49.999	50.003	50.001	25.04	0.24	0.033093	15785	0.029	92.075
13.6501	2.99747	49.992	49.997	50	25.78	0.248	0.036764	15785	0.798	89.384
13.6814	2.99935	50.005	50.002	50	25.09	0.242	0.040843	15785	0.949	88.576
13.7249	3.01034	50.002	50.003	50.004	24.42	0.232	0.087421	15785	1.192	86.303
13.6866	3.00462	50	50.008	50.003	24.41	0.242	0.05713	15785	0.869	85.827
13.669	2.99504	49.998	50.003	50	24.43	0.238	0.037334	15785	0.535	85.502
13.6648	2.99306	50.002	50.001	49.998	24.4	0.244	0.07991	15785	0.211	86.365
13.6597	3.00412	49.996	50.002	50.004	24.4	0.254	0.052221	15785	-0.123	85.472
13.6339	2.99588	50	50.003	50.004	25.6	0.253	0.098624	15785	-0.416	84.137
13.6672	2.99749	49.997	49.998	50.003	25.79	0.242	0.064451	15785	-1.044	82.419
13.6933	3.00409	50.001	49.998	49.996	25.46	0.246	0.137951	15785	-1.307	83.121
13.667	2.99747	49.997	49.992	49.999	25.04	0.246	0.05303	15785	-1.084	81.64
13.7027	3.00964	49.999	50.001	49.998	25.8	0.238	0.058913	15785	-1.945	83.902
13.7076	3.00769	49.999	49.999	49.999	25.82	0.245	0.065449	15785	-3.292	82.423
13.6873	3.00104	49.998	49.998	50.004	25.78	0.259	0.07271	15785	-5.156	81.711
13.6771	3.00108	49.994	50.001	50.001	25.12	0.244	0.047516	15785	-7.448	81.43
13.6666	3.00114	49.999	49.996	50.002	25.25	0.245	0.020701	15785	-9.174	78.316
13.658	2.99262	49.998	50.001	50.001	25.13	0.263	0.020292	15785	-10.697	77.381
13.6953	3.00461	50.004	49.998	50.001	25.14	0.268	0.043433	15785	-11.693	78.004

13.6988	3.0063	50	49.999	49.994	25.15	0.265	0.048251	15785	-12.201	76.59
13.6794	3.0029	50.004	49.997	50	24.92	0.247	0.103278	15785	-11.022	74.288
13.6731	2.99977	49.997	49.998	50	25.09	0.255	0.044994	15785	-11.093	72.396
13.7072	3.00639	49.996	50	50	25.09	0.255	0.049986	15785	-10.169	70.526
13.6748	2.99972	49.997	50.001	49.997	25.09	0.254	0.094404	15785	-9.885	66.756
13.6589	3.00204	50	49.992	49.999	24.67	0.255	0.104878	15785	-9.742	62.298
13.6521	3.00094	49.996	49.999	50	25.48	0.248	0.040316	15785	-8.869	58.7
13.6635	3.00281	50	49.995	49.995	25.78	0.26	0.044789	15785	-8.615	56.951
13.6799	3.00519	49.996	50	50.001	25.77	0.262	0.143799	15785	-8.341	57.187
13.6878	3.00174	49.998	49.997	50.005	25.9	0.246	0.019127	15785	-8.991	59.329
13.641	2.99876	50	49.997	50.002	25.88	0.26	0.036124	15785	-9.133	58.848
13.6833	3.00488	50.001	50.001	50.005	25.78	0.251	0.07732	15785	-10.921	64.668
13.6831	3.00295	50	49.998	50.001	25.12	0.252	0.019815	15785	-11.845	63.216
13.657	2.99575	50.002	49.993	49.997	25.13	0.261	0.063618	15785	-12.506	70.171
13.6488	2.9948	50	50.002	50.005	25.09	0.273	0.027716	15785	-13.137	69.031
13.6432	2.99588	50	50	50.002	25.13	0.269	0.059324	15785	-13.462	69.857
13.6671	2.99614	50	50.003	50.001	25.15	0.256	0.038768	15785	-13.889	70.676
13.6579	2.99828	49.996	50.001	49.993	25.1	0.274	0.048812	15785	-15.395	71.748
13.6854	3.00418	50	49.996	49.998	25.11	0.259	0.061457	15785	-16.352	73.223
13.7042	3.00421	49.997	50.001	50.005	25.64	0.273	0.023625	15785	-16.841	73.274
13.6533	2.99861	49.998	49.998	49.999	25.78	0.26	0.044618	15785	-17.024	74.277
13.6445	2.99429	49.999	49.999	50	25.8	0.267	0.049568	15785	-16.942	75.099
13.6304	2.99375	49.996	49.997	50.002	25.85	0.281	0.055067	15785	-18.481	75.701
13.6905	3.00343	50.004	49.998	50.001	25.67	0.269	0.117866	15785	-18.878	75.414
13.6753	3.00015	49.999	50.003	50.002	25.87	0.27	0.026652	15785	-19	73.907
13.6715	2.99719	50.002	49.998	49.999	25.09	0.253	0.08557	15785	-18.083	71.343
13.6869	3.00471	49.99	49.996	50.003	25.94	0.255	0.03728	15785	-15.191	68.86
13.6561	2.9972	49.995	50.002	49.995	24.06	0.251	0.024362	15785	-13.014	58.363
13.6419	2.99498	49.998	49.997	49.993	24.09	0.262	0.052145	15785	-12.14	56.792
13.6595	2.99948	50.003	49.994	49.999	24.45	0.25	0.05793	15785	-10.921	54.444
13.6516	2.99529	50	50.004	50.004	24.92	0.255	0.109407	15785	-11.022	50.791
13.6698	2.9971	50	50.005	50.001	25.79	0.253	0.047665	15785	-9.885	52.763
13.6859	3.00327	49.999	50.003	49.995	26.43	0.263	0.035302	15785	-10.311	51.404
13.6651	2.9973	50	50.001	49.999	26.46	0.255	0.039218	15785	-10.047	51.922
13.6828	3.006	50.001	49.999	49.993	26.47	0.257	0.083944	15785	-10.88	58.236
13.6904	3.00656	50.001	50.01	50.002	25.76	0.276	0.054857	15785	-13.411	68.248

13.6807	2.99894	49.994	50.001	49.999	25.29	0.278	0.040628	15785	-14.845	69.623
13.6486	2.995	50.004	50	50	25.12	0.271	0.02655	15785	-15.191	69.39
13.6803	3.00099	50	49.997	49.996	25.2	0.27	0.056829	15785	-16.189	71.928
13.6365	2.98848	50	49.994	49.999	25.15	0.269	0.037138	15785	-16.912	72.851
13.6618	2.99964	49.997	49.999	50.003	25.54	0.275	0.041258	15785	-17.472	78.929
13.6745	3.00049	49.999	49.995	49.998	25.59	0.269	0.030557	15785	-18.104	81.049
13.6858	3.00452	49.995	50.006	49.999	25.48	0.266	0.057709	15785	-19.143	80.554
13.6976	3.00715	49.997	49.996	50.005	25.57	0.273	0.042741	15785	-19	80.725
13.6814	3.00135	50.007	49.998	50	25.53	0.261	0.080721	15785	-19.49	80.4
13.6704	2.9971	50.005	49.99	50.003	25.78	0.27	0.035167	15785	-19.551	81.017
13.6374	2.99486	49.999	49.993	49.994	25.83	0.264	0.039069	15785	-19.062	80.464
13.6679	2.999	50.003	50.001	49.998	25.77	0.263	0.083623	15785	-18.898	79.864
13.6694	3.00355	49.996	49.996	49.999	25.79	0.284	0.092901	15785	-17.859	76.932
13.641	2.99395	49.995	50	49.999	26.16	0.261	0.035712	15785	-14.906	71.898
13.6868	3.00434	49.998	50.001	50.003	25.81	0.266	0.044964	15785	-11.876	66.226
13.6898	3.00635	49.997	49.995	50.003	25.64	0.258	0.029384	15785	-9.539	64.788
13.6672	2.99856	49.995	49.999	50.003	26.2	0.259	0.032643	15785	-8.25	65.414
13.6765	2.99998	49.996	50	49.996	25.09	0.247	0.06165	15785	-6.048	65.072
13.7054	3.00264	49.999	49.999	49.997	24.93	0.257	0.04566	15785	-5.197	65.514
13.6662	2.99869	49.997	49.998	50.001	25.27	0.255	0.076088	15785	-3.92	66.891
13.6498	2.99607	50	50.007	50.001	25.81	0.245	0.017205	15785	-3.362	66.711
13.673	3.00279	49.997	49.998	50.001	25.22	0.25	0.05524	15785	-2.664	67.101
13.683	3.00498	49.996	50.001	50.007	25.64	0.245	0.036099	15785	-2.664	68.979
13.6699	2.99622	49.999	50.001	50.001	25.79	0.255	0.068177	15785	-3.849	73.796
13.7001	3.01038	49.996	50.007	50.002	25.26	0.256	0.06683	15785	-4.781	77.147
13.6476	2.99296	50.004	49.996	50.001	25.4	0.251	0.043673	15785	-5.045	77.808
13.6807	3.00122	50.001	49.999	50.001	25.47	0.263	0.016788	15785	-5.42	78.51
13.6527	2.99603	49.998	50.005	50.004	25.1	0.262	0.035934	15785	-5.379	78.998
13.7018	3.00441	49.997	50.005	50.004	25.25	0.263	0.03992	15785	-4.903	79.88
13.6572	3.0004	50.001	50.001	49.999	25.13	0.256	0.015346	15785	-4.447	78.892
13.6664	2.99684	50.003	49.997	49.998	25.09	0.24	0.043473	15785	-3.717	78.619
13.6697	3.00356	49.999	49.997	49.999	25.75	0.244	0.139576	15785	-4.001	79.91
13.6724	2.99885	49.998	49.995	50.002	25.97	0.243	0.031561	15785	-3.676	81.84
13.6881	3.00566	49.998	50.005	50.003	25.13	0.255	0.035063	15785	-3.008	81.953
13.6519	2.99763	50.002	50.004	50.002	25.1	0.241	0.022913	15785	-3.028	83.376
13.6544	2.99881	50.002	50.002	50	25.52	0.255	0.043274	15785	-2.684	84.228

13.6883	2.99857	50	50.001	50.001	25.87	0.256	0.081728	15785	-1.175	81.709
13.669	2.99632	49.999	50	49.999	24.31	0.241	0.018481	15785	0.96	76.591
13.6543	3.00021	50	49.999	50.002	26.43	0.244	0.034902	15785	3.446	70.265
13.6775	3.00062	49.997	49.997	50	28.04	0.241	0.038774	15785	4.477	67.058
13.6748	3.00227	50.008	49.995	49.998	29.22	0.245	0.028717	15785	4.901	65.92
13.6565	3.00159	50.003	50.001	50.006	29.35	0.242	0.031903	15785	5.88	63.822
13.6755	3.00375	49.999	50.003	50.002	29.22	0.239	0.040169	15785	6.011	61.17
13.6673	2.99479	49.996	49.999	50.006	27.16	0.236	0.044625	15785	6.052	61.398
13.6385	2.99725	50.002	50.001	50.006	26.82	0.233	0.029162	15785	5.143	64.902
13.6695	2.99702	50.002	49.996	49.998	27.15	0.24	0.012705	15785	4.366	69.315
13.6574	2.99548	49.998	50.004	50.003	25.08	0.244	0.040791	15785	3.163	74.493
13.6776	3.00038	49.993	50.005	50.001	24.76	0.254	0.026657	15785	1.172	81.289
13.6789	3.00094	50.002	50.002	49.996	24.58	0.258	0.050344	15785	0.616	83.333
13.6953	3.00612	50.002	49.995	50	25.84	0.253	0.055929	15785	0.069	84.213
13.681	3.0038	50	49.994	50	25.91	0.247	0.062134	15785	-0.052	84.136
13.6932	3.00615	49.998	50.004	50.005	25.82	0.259	0.027069	15785	-0.477	84.768
13.6771	3.00162	50	49.998	50.004	24.89	0.24	0.08691	15785	-1.408	86.8
13.6669	2.99812	50.006	50.006	50.009	25.11	0.255	0.050113	15785	-1.59	87.006
13.6673	2.9989	50.001	49.999	50.003	25.95	0.262	0.063096	15785	-1.712	86.745
13.6768	3.00357	50.002	50.001	49.997	25.89	0.24	0.014267	15785	-3.008	89.015
13.6699	3.00156	50	49.998	49.995	25.62	0.242	0.045807	15785	-2.046	88.854
13.6732	3.00501	49.998	49.999	50	25.62	0.255	0.029935	15785	-2.157	88.368
13.6643	3.00249	50.003	49.998	50.002	26.12	0.26	0.019562	15785	-2.137	88.788
13.6617	2.99981	49.997	50.003	50.001	25.72	0.24	0.036945	15785	-2.319	89.75
13.6553	2.99825	49.998	49.998	50.001	25.88	0.251	0.014202	15785	-2.4	88.927
13.6761	3.00287	49.999	49.996	49.998	24.55	0.24	0.026822	15785	0.049	80.171
13.6756	2.99707	50.003	49.997	49.996	25.77	0.239	0.029798	15785	1.273	76.95
13.6635	2.99711	49.999	49.995	50.006	27.85	0.239	0.06378	15785	3.77	68.334
13.6781	3.00158	50.001	50.001	49.999	29.09	0.251	0.024518	15785	4.133	66.321
13.6844	3.0015	50	50.007	50.004	28.55	0.244	0.010681	15785	4.032	59.291
13.6572	2.99329	49.999	50.002	50.001	29.3	0.231	0.034294	15785	4.113	59.104
13.6829	3.01055	49.998	49.996	49.998	27.16	0.251	0.043179	15785	3.951	63.213
13.685	3.0029	49.999	49.998	49.994	25.67	0.241	0.047969	15785	4.921	62.661
13.6777	3.00158	49.998	49.998	49.996	25.82	0.243	0.031347	15785	2.8	70.45
13.6644	3.00308	49.999	50.007	50.001	25.74	0.244	0.023217	15785	4.497	59.194
13.6941	3.00258	49.996	50.001	49.997	25.28	0.241	0.025793	15785	2.86	59.973

13.6491	2.99312	49.997	50.003	49.999	25.2	0.245	0.048712	15785	0.595	72.464
13.6661	2.99804	50.001	50.004	49.997	25.24	0.245	0.018725	15785	-0.517	79.224
13.6589	3.00327	49.999	49.998	49.993	25.55	0.252	0.04008	15785	-0.447	78.344
13.6705	3.00241	50.004	49.995	49.994	25.55	0.24	0.075695	15785	-0.608	79.041
13.6855	3.00411	49.996	50.004	49.997	25.49	0.257	0.029098	15785	-1.793	83.183
13.6571	2.99804	49.999	50.005	49.997	25.88	0.258	0.032326	15785	-3.231	88.045
13.6955	3.00518	50.004	50.003	49.997	26.27	0.252	0.061051	15785	-2.967	88.82
13.6373	2.99841	49.997	50.002	50.005	26.16	0.243	0.039896	15785	-4.558	91.302
13.678	3.00017	49.997	49.999	50.005	26.32	0.248	0.128093	15785	-4.832	92.433
13.6631	3.00079	50.002	50.005	50.003	26.42	0.253	0.032827	15785	-5.339	91.461
13.6512	2.99986	50	49.998	50.005	25.91	0.242	0.061996	15785	-6.211	91.241
13.673	3.00234	50.001	49.998	49.993	25.86	0.256	0.014019	15785	-4.872	90.622
13.6749	3.0006	49.997	49.997	49.995	25.3	0.247	0.045009	15785	-2.441	82.894
13.6527	2.99502	50.002	49.996	50.001	26.47	0.241	0.029413	15785	2.921	64.699
13.6847	3.00072	49.995	50.001	50.001	27.87	0.232	0.05555	15785	5.84	60.489
13.6145	2.99053	50	50.002	50.002	28.53	0.233	0.021354	15785	5.244	64.756
13.676	2.99686	50.005	49.996	50.008	27.87	0.239	0.023723	15785	8.422	56.954
13.6865	2.9994	49.998	50.002	49.999	27.92	0.231	0.015503	15785	9.511	52.052
13.6857	3.00721	50.001	49.996	50	28.47	0.24	0.029279	15785	9.078	53.827
13.6852	3.00494	49.997	49.998	50.002	28.98	0.244	0.032527	15785	9.219	52.374
13.643	2.99716	49.998	50.005	50.002	28.84	0.233	0.06143	15785	8.513	58.538
13.6517	2.98948	50.001	49.999	49.995	30.58	0.246	0.013891	15785	8.08	57.195
13.6607	3.00184	49.997	49.989	50.001	30.34	0.232	0.029732	15785	6.788	67.721
13.6715	3.00201	50.001	49.999	50.002	27.84	0.244	0.033031	15785	4.406	77.677
13.6783	3.00305	50.001	49.997	49.999	24.94	0.24	0.021585	15785	3.79	79.383
13.681	3.00257	49.999	49.997	49.994	25.09	0.251	0.027178	15785	3.386	86.65
13.6867	3.00704	50	50.003	49.999	24.52	0.255	0.030193	15785	1.87	92.289
13.6491	2.99236	49.994	49.998	49.998	24.67	0.242	0.019731	15785	1.607	92.239
13.6819	3.00391	50	50.006	50.002	24.57	0.241	0.024842	15785	0.98	93.98
13.6744	2.99626	49.999	49.999	50	24.61	0.242	0.079759	15785	1.202	94.833
13.6793	2.99987	50.002	49.995	49.995	25.01	0.243	0.034748	15785	1.435	95.114
13.6691	3.00403	50.003	49.996	49.999	25	0.245	0.022708	15785	1.324	95.343
13.6584	2.9967	50	50.005	50.001	25.09	0.251	0.042886	15785	1.89	95.615
13.6932	3.0037	50.005	50	50.001	25.13	0.246	0.053996	15785	1.951	95.769
13.6925	3.00313	49.992	50.001	50.002	24.41	0.238	0.020757	15785	1.415	95.869
13.6698	3.00031	50.004	50.003	49.999	24.92	0.239	0.013564	15785	0.818	95.93

13.6721	2.99961	49.996	50.006	50.004	24.46	0.244	0.04355	15785	0.676	96.043
13.6686	2.99852	49.998	49.999	49.999	24.56	0.25	0.032255	15785	1.283	96.102
13.6623	2.99402	50.002	50.001	50.006	23.64	0.234	0.035833	15785	2.527	96.187
13.6748	3.00378	50.001	50.003	49.998	24.39	0.242	0.023417	15785	3.891	96.066
13.6875	2.999	50.001	49.997	49.996	27.77	0.235	0.029483	15785	5.224	95.041
13.676	3.00177	49.994	50.001	49.999	28.77	0.238	0.019267	15785	7.444	81.954
13.6317	2.99418	49.999	50.002	49.999	28.6	0.239	0.061859	15785	7.989	82.031
13.6518	2.99722	50.004	50.005	49.999	28.54	0.238	0.045815	15785	8.493	81.93
13.6657	3.00059	50.001	50.002	50.001	28.56	0.236	0.02994	15785	7.797	85.879
13.652	2.99598	50.011	50.003	49.998	28.71	0.236	0.022174	15785	8.09	84.042
13.6536	2.9928	50.001	49.996	49.997	29.85	0.238	0.024634	15785	6.112	84.602
13.7055	3.00894	50.005	49.994	49.998	26.96	0.24	0.031016	15785	2.031	94.134
13.6853	3.00469	49.997	50.005	50.004	24.79	0.245	0.020269	15785	1.799	94.922
13.6683	2.99811	50	50.004	50.001	25.09	0.243	0.03828	15785	0.656	95.206
13.6793	2.9985	49.997	49.998	50	25.36	0.238	0.025016	15785	-1.327	95.2
13.6776	2.99966	49.996	49.996	49.998	25.14	0.244	0.080317	15785	-0.841	95.569
13.6616	2.99562	49.996	49.995	49.999	25.33	0.244	0.052486	15785	-1.104	95.494
13.687	3.00257	50.002	50.003	50.004	25.77	0.258	0.038873	15785	-1.864	95.881
13.6605	2.99821	49.995	50	50.004	25.11	0.247	0.014943	15785	0.211	95.967
13.6986	3.00741	49.997	50.013	50	25.08	0.247	0.047977	15785	-0.244	96.046
13.636	2.99286	49.997	49.994	50	25.14	0.246	0.010849	15785	-0.335	96.096
13.6621	3.00063	50.002	50.002	50.005	25.1	0.248	0.012052	15785	-1.428	95.856
13.6734	3.00083	49.996	49.999	50	25.27	0.25	0.022762	15785	-1.813	95.783
13.6838	3.00459	49.999	49.997	49.995	25.87	0.249	0.014875	15785	-1.772	95.643
13.668	3.0036	49.998	49.999	50.004	25.18	0.248	0.047757	15785	-1.368	94.535
13.67	2.99938	50	50.008	50.003	26.03	0.238	0.053056	15785	1.789	86.759
13.6463	2.99935	50.004	49.997	50	28.45	0.248	0.023114	15785	4.396	84.989
13.6784	3.00124	50.002	49.999	49.997	28.54	0.237	0.015105	15785	7.495	70.098
13.6554	2.99263	50	49.993	49.998	27.89	0.231	0.082445	15785	9.904	64.157
13.6655	3.00158	50.005	50	49.997	28.31	0.246	0.018643	15785	11.335	63.244
13.6665	3.00152	49.997	50	50.001	28.38	0.23	0.012183	15785	11.939	51.87
13.6755	3.0013	50	50.002	50.003	28.51	0.236	0.023009	15785	12.624	51.258
13.6636	2.99995	49.998	49.995	49.995	28.55	0.237	0.043454	15785	12.785	46.536
13.6921	3.00543	49.992	49.992	50.003	28.88	0.242	0.028397	15785	11.859	49.983
13.6503	2.99725	49.997	50.003	49.999	29.26	0.242	0.021032	15785	10.851	54.834
13.6665	3.00145	49.996	49.997	49.994	29.91	0.242	0.03972	15785	8.251	55.814

13.6496	2.9936	49.996	50.002	50.001	25.32	0.243	0.025957	15785	5.87	59.925
13.6595	3.00328	50	50.001	49.998	25.07	0.247	0.032682	15785	4.052	67.244
13.6543	2.9937	50	49.997	50.001	25.29	0.246	0.032036	15785	3.042	66.898
13.6535	3.00483	49.998	50.006	49.996	25.53	0.252	0.040336	15785	1.779	73.955
13.7146	3.01258	50	49.999	50.008	25.82	0.25	0.026359	15785	1.162	75.34
13.6598	2.99651	50.002	49.995	49.999	26.47	0.251	0.029283	15785	-0.214	81.36
13.6682	2.99769	49.997	49.996	49.999	25.77	0.241	0.032532	15785	-0.001	76.263
13.667	3.00095	49.996	50.003	50	25.77	0.25	0.036141	15785	-2.177	84.901
13.6901	2.99997	50.006	50	50	26.42	0.245	0.040151	15785	-2.441	89.082
13.6928	3.00596	50.002	49.995	50.002	26.46	0.247	0.044606	15785	-1.864	83.188
13.6701	3.00021	50.004	49.999	49.998	26.45	0.254	0.017147	15785	-1.712	82.012
13.6461	2.99864	50	50.001	50.002	26.47	0.262	0.028574	15785	-1.732	82.165
13.6755	3	49.995	49.999	50.003	25.2	0.26	0.031744	15785	-0.011	76.647
13.6662	3.00646	50	50.005	50	25.89	0.238	0.020744	15785	2.375	74.18
13.669	2.99782	50.001	49.997	49.998	28.53	0.246	0.026118	15785	4.992	73.071
13.6712	3.00114	49.998	50.001	50.008	29.13	0.235	0.049327	15785	8.16	59.754
13.6835	3.0004	50.001	50	49.999	29.15	0.252	0.011154	15785	8.755	55.328
13.6389	2.99293	49.997	50.002	50.002	28.83	0.245	0.014044	15785	10.217	57.729
13.6718	3.00416	49.998	50.001	50.006	29.22	0.229	0.026523	15785	11.677	52.597
13.6818	3.0041	50	49.998	49.997	28.93	0.236	0.017333	15785	12.201	53.612
13.6463	2.99314	49.996	49.995	49.999	28.77	0.234	0.032734	15785	12.322	54.234
13.6732	2.99337	49.994	50.014	50.001	29.2	0.232	0.061822	15785	11.929	60.562
13.6632	2.99861	49.998	50	49.998	29.3	0.247	0.026934	15785	10.267	63.768
13.6688	2.9989	49.999	50	49.994	27.92	0.239	0.017601	15785	7.837	67.371
13.6384	2.99521	50	50.003	50	24.4	0.244	0.033241	15785	6.395	73.148
13.6696	2.9998	49.997	50.009	50.003	25.1	0.249	0.041853	15785	4.901	79.606
13.6704	2.9961	49.998	50.001	49.998	25.11	0.256	0.046497	15785	4.578	78.858
13.6666	2.99845	50.005	50.003	50.001	25.1	0.243	0.030385	15785	4.325	77.243
13.6701	2.9976	49.993	49.996	49.996	25.04	0.246	0.019857	15785	3.729	78.308
13.6626	3.00176	50.003	50.002	50.002	24.66	0.246	0.025001	15785	3.578	77.329
13.7	3.00354	50.005	49.997	49.997	24.95	0.246	0.016338	15785	3.426	76.509
13.6699	2.99871	50.002	50.001	50.001	24.5	0.245	0.010677	15785	2.345	80.554
13.6631	2.9954	49.996	50.002	50.002	25.14	0.248	0.058275	15785	1.425	84.002
13.6766	2.99979	50.003	50.004	49.998	25.07	0.245	0.022401	15785	1.425	84.137
13.6538	3.00223	50	49.997	50.001	25.13	0.239	0.042307	15785	1.819	82.133
13.6946	3.00537	50.001	49.998	50.001	25.08	0.239	0.031334	15785	1.849	81.608

13.6561	2.99168	50.005	50.002	49.999	25.09	0.243	0.020476	15785	1.87	81.798
13.6512	3.00014	50.002	50.005	50.001	26.56	0.233	0.038672	15785	4.567	74.533
13.6533	2.99484	49.995	49.999	49.996	27.87	0.236	0.025272	15785	9.229	59.233
13.6582	2.999	50.001	49.996	49.996	28.64	0.237	0.031819	15785	9.521	58.264
13.6749	3.00241	50	49.997	49.999	28.41	0.228	0.007195	15785	11.607	59.64
13.6573	3.001	49.998	50	49.999	27.98	0.226	0.023101	15785	14.234	50.237
13.6778	2.9999	49.995	49.999	49.997	27.85	0.232	0.015096	15785	15.099	55.028
13.6907	3.00381	50	50.003	49.998	27.92	0.242	0.02851	15785	17.2	45.735
13.6591	3.00028	50	49.999	49.996	28.35	0.243	0.031673	15785	16.245	46.709
13.6476	2.99197	49.999	50.001	50.007	28.54	0.229	0.023458	15785	15.521	53.717
13.6811	3.00111	49.994	50.001	49.992	29.06	0.226	0.026061	15785	15.029	56.678
13.677	3.00332	50	50.001	49.997	29.66	0.237	0.028952	15785	12.503	66.787
13.6572	2.99766	49.997	49.995	49.997	27.84	0.232	0.01892	15785	10.247	76.853
13.6882	3.00011	50.001	50.001	50.001	26.07	0.25	0.035732	15785	8.785	81.708
13.6623	2.99888	50.004	50.001	50	24.51	0.243	0.026464	15785	8.372	83.876
13.667	3.00098	49.999	49.993	50.003	23.56	0.241	0.017294	15785	6.395	87.822
13.6731	2.99324	49.999	50	49.999	23.04	0.236	0.019213	15785	5.991	89.572
13.6712	2.99715	50.001	49.997	49.998	23.03	0.24	0.01423	15785	5.123	91.065
13.6699	3.00219	50.003	50.003	50	23.89	0.239	0.010539	15785	4.648	92.752
13.6665	2.99554	50.007	49.994	50.003	23.86	0.241	0.011708	15785	4.578	88.971
13.6528	2.99858	50.004	50.007	50	24.63	0.254	0.022112	15785	3.143	89.358
13.6687	3.00134	49.999	50	49.997	24.42	0.242	0.016377	15785	3.345	88.287
13.6515	2.99956	50.003	50.004	49.999	24.41	0.252	0.007135	15785	3.446	87.876
13.6932	3.00681	50.002	50	49.999	24.57	0.244	0.022907	15785	2.527	88.77
13.6577	3.00233	49.995	49.999	50.001	24.45	0.254	0.025448	15785	2.193	88.08
13.6642	2.99804	49.994	49.995	49.993	24.54	0.243	0.048062	15785	3.729	85.623
13.6537	2.99502	50.002	49.997	50.006	26.96	0.244	0.012317	15785	8.201	70.739
13.6928	3.00623	50.001	50.003	50.005	28.52	0.24	0.013683	15785	8.443	69.586
13.6822	3.00687	50.002	49.998	50	28.66	0.242	0.025843	15785	10.479	68.591
13.6639	2.99864	50	49.999	50	28.51	0.234	0.02871	15785	12.06	58.777
13.6491	2.99216	49.999	49.997	50.01	28.59	0.232	0.031895	15785	13.248	56.83
13.6919	3.00252	50	50	49.999	28.72	0.234	0.040158	15785	14.385	49.32
13.6575	3.00277	49.996	50.003	50.003	28.82	0.228	0.075842	15785	14.345	50.345
13.6241	2.99616	50.003	50.001	50.001	28.71	0.231	0.01715	15785	14.093	46.539
13.699	3.00438	50.003	50.003	50.003	29.24	0.23	0.032389	15785	13.56	56.19
13.6606	2.99914	50	49.997	49.998	29.94	0.232	0.004308	15785	9.824	65.591

13.6571	2.99882	49.995	49.998	49.997	25.99	0.238	0.026649	15785	7.323	74.003
13.6671	2.99681	49.999	50.007	50.005	24.38	0.245	0.017415	15785	5.022	80.236
13.6539	2.99549	49.999	50.01	50.003	25.04	0.239	0.037276	15785	4.749	81.881
13.6934	3.00345	49.999	50.007	49.999	25.07	0.248	0.014329	15785	3.709	81.922
13.6712	3.00361	50.002	50.007	50.003	24.84	0.246	0.052139	15785	2.456	84
13.6758	3.00213	50.005	50.001	50.001	25.07	0.249	0.020043	15785	1.253	87.733
13.6781	3.00131	50.003	50.003	49.997	25.11	0.259	0.013098	15785	-0.011	86.178
13.6381	2.99709	50	50	50	25.77	0.247	0.028035	15785	-0.689	91.879
13.6993	3.00773	50	50.006	50.001	25.3	0.242	0.018321	15785	-0.588	92.87
13.6654	2.99951	49.999	49.995	49.999	25.69	0.255	0.020353	15785	-0.71	92.319
13.6471	2.99293	50.001	50.001	49.999	25.93	0.248	0.022611	15785	-0.457	90.721
13.6574	2.99563	49.998	50.002	50.008	25.09	0.241	0.028469	15785	-1.479	91.322
13.6867	3.00571	50	49.998	49.995	24.63	0.258	0.031628	15785	0.879	85.83
13.6883	3.005	50.003	49.998	50.001	27.73	0.253	0.020669	15785	3.466	79.808
13.7055	3.0068	49.992	49.997	50.001	29.55	0.233	0.015308	15785	6.375	73.221
13.658	2.99871	50.003	49.993	50.003	28.62	0.233	0.02891	15785	9.41	65.573
13.6659	2.99927	50.002	49.999	50.001	28.5	0.243	0.0546	15785	12.785	58.242
13.6611	2.99763	49.998	50.002	50.006	28.85	0.242	0.023787	15785	14.013	52.586
13.6828	3.00449	50.012	50	49.997	28.61	0.23	0.023317	15785	15.542	46.111
13.6605	2.99468	49.995	49.996	50.002	28.54	0.226	0.029358	15785	17.009	44.678
13.6613	2.99764	49.995	50.001	49.999	28.49	0.236	0.011285	15785	16.537	42.376
13.6822	3.00376	49.998	50.002	50	29.12	0.235	0.021314	15785	16.024	46.937
13.6434	2.99447	50.003	50.002	50.002	29.7	0.232	0.013928	15785	15.381	46.889
13.6485	2.99879	50	49.994	49.994	28.54	0.239	0.026305	15785	14.083	49.781
13.6812	3.00298	50.001	50	50.004	27.39	0.238	0.03312	15785	13.61	51.731
13.6633	2.99711	50	49.999	50	26.49	0.243	0.036794	15785	11.879	58.66
13.6866	3.00378	50.004	49.999	49.995	26.45	0.237	0.118133	15785	11.295	60.431
13.6785	3.0083	49.996	49.999	49.995	25.29	0.241	0.045411	15785	9.521	62.457
13.6697	3.00208	50.004	49.995	50.009	24.4	0.236	0.017457	15785	11.224	51.772
13.685	3.00607	49.996	50	50.004	24.4	0.239	0.021979	15785	11.395	52.344
13.6469	2.99709	49.997	50	49.999	24.25	0.248	0.024417	15785	10.741	56.631
13.67	2.99984	49.997	50.002	50.004	23.79	0.235	0.015957	15785	9.864	62.741
13.6584	2.99735	49.997	50.002	50	23.72	0.238	0.034154	15785	8.301	67.539
13.6759	2.9967	50.001	50.003	50.002	23.77	0.235	0.013129	15785	7	72.779
13.7211	3.00796	50.009	50.003	50.002	23.68	0.241	0.028102	15785	7.242	69.039
13.6652	3.00355	49.999	49.997	49.997	24.26	0.248	0.031219	15785	6.839	71.289

13.6581	2.99202	49.996	49.994	50.004	24.13	0.242	0.039307	15785	8.513	69.439
13.6556	2.99566	50.001	49.999	49.998	27.25	0.236	0.025687	15785	10.932	62.124
13.6733	2.99867	49.997	50.001	50.001	29.25	0.237	0.032342	15785	12.896	55.853
13.6517	2.98925	49.996	49.997	50.005	28.61	0.231	0.03593	15785	15.542	49.502
13.6422	2.99819	49.999	50.006	50.001	27.99	0.231	0.039916	15785	17.532	48.114
13.676	2.99675	49.997	49.998	50.003	27.87	0.225	0.01739	15785	19.079	47.09
13.6708	2.99784	50.001	49.995	50	27.83	0.229	0.032843	15785	21.377	42.754
13.6733	3.00252	49.999	49.996	49.999	27.72	0.223	0.008417	15785	22.871	38.447
13.6648	2.99226	50.002	49.999	50.003	27.71	0.22	0.027023	15785	23.904	37.697
13.6524	2.99557	49.998	49.999	50.001	27.84	0.22	0.011773	15785	22.671	41.968
13.6717	3.00148	49.999	50.005	50.007	27.91	0.228	0.037798	15785	22.21	44.732
13.6665	3.00378	49.999	50.004	49.996	28.53	0.231	0.024701	15785	18.938	52.805
13.6503	2.99974	49.997	49.998	49.997	29.91	0.23	0.0311	15785	17.09	58.877
13.6691	2.9997	49.999	49.998	49.998	29.82	0.235	0.03455	15785	14.516	66.642
13.6595	3.00374	50.001	49.998	49.999	29.01	0.229	0.022579	15785	14.536	62.317
13.6569	2.99546	50.011	50	50	28.33	0.246	0.025084	15785	12.312	60.391
13.6771	3.00314	49.998	49.999	50.001	26.79	0.247	0.047373	15785	11.214	62.256
13.6408	2.99528	50.002	50	50	24.58	0.251	0.052628	15785	8.12	69.552
13.6866	3.0009	50	50.003	49.992	23.97	0.237	0.191499	15785	6.052	81.469
13.6602	2.99789	49.993	50.002	50.001	24.78	0.24	0.014984	15785	5.476	85.25
13.6399	2.99614	50	50.002	49.999	24.15	0.237	0.032071	15785	5.688	84.798
13.6641	2.99463	50.002	50.007	50.007	24.54	0.243	0.035629	15785	5.406	77.179
13.676	2.99678	50.009	50.002	50.002	25.1	0.252	0.076261	15785	4.436	77.316
13.7025	3.00755	50.002	50.002	50.003	25.08	0.247	0.017244	15785	3.81	75.302
13.6526	2.99377	50.005	49.991	49.992	24.42	0.25	0.012772	15785	3.365	73.124
13.6654	3.00119	49.999	50	49.998	24.99	0.261	0.041005	15785	2.314	69.344
13.6432	2.99709	50	49.998	49.999	24.95	0.24	0.026797	15785	2.951	54.584
13.6921	3.00236	50.004	50.004	49.999	26.47	0.246	0.011674	15785	4.618	39.954
13.6686	3.00846	50.001	50.001	50.005	27.76	0.236	0.022048	15785	5.284	39.706
13.6838	3.0004	50.002	49.998	50.001	27.77	0.238	0.016329	15785	6.112	32.387
13.6755	3.00419	49.997	49.996	49.999	27.87	0.235	0.052428	15785	6.475	33.255
13.6604	2.99877	50.001	50.001	50	27.83	0.244	0.011855	15785	6.788	29.278
13.6603	2.99969	49.994	50	49.998	28.53	0.235	0.043137	15785	7.575	30.87
13.6805	3.00374	49.998	49.995	49.99	28.63	0.235	0.02819	15785	7.121	30.696
13.6594	2.99725	50.005	49.996	49.999	27.4	0.244	0.020878	15785	6.415	33.116
13.6716	3.00054	50.002	50.002	49.999	25.62	0.247	0.023195	15785	3.961	43.672

13.6833	3.00318	50.001	50	49.998	25.32	0.252	0.025768	15785	2.405	50.646
13.6807	3.00215	49.996	49.999	50	25.67	0.257	0.032443	15785	0.869	56.233
13.6675	2.9969	50.002	50.001	49.997	25.69	0.247	0.036043	15785	-1.084	67.423
13.6714	3.00013	49.997	50.002	49.997	25.69	0.261	0.023554	15785	-2.015	76.711
13.6908	3.00759	49.999	49.999	49.998	25.84	0.245	0.026167	15785	-2.015	81.578
13.6833	2.99924	49.998	50.003	50.001	25.35	0.263	0.02907	15785	-2.36	84.058
13.6712	2.99546	50.001	50.001	49.998	25.77	0.25	0.011175	15785	-1.59	79.309
13.6951	3.00726	50.006	50.002	49.999	25.88	0.252	0.035878	15785	-1.884	80.697
13.659	2.99897	50.003	50.001	50	25.66	0.252	0.012169	15785	-2.664	85.516
13.6675	3.00246	49.995	49.998	49.998	25.83	0.26	0.022983	15785	-2.147	86.72
13.6812	3.00691	50.002	50.001	49.996	25.83	0.251	0.015019	15785	-2.258	83.094
13.6591	2.9981	49.998	49.998	50.004	25.57	0.252	0.016685	15785	-2.076	82.511
13.683	3.00472	49.996	50.004	49.999	25.15	0.262	0.010904	15785	-0.73	84.194
13.6752	2.9997	50	49.998	49.997	25.08	0.254	0.035008	15785	0.98	70.609
13.6845	3.00409	50.002	49.999	49.999	23.72	0.239	0.015252	15785	2.698	61.203
13.6817	2.99885	50.001	49.998	50.001	25.09	0.248	0.028804	15785	4.214	52.831
13.6941	3.01114	50	50.002	50.002	27.45	0.242	0.018824	15785	6.001	30.767
13.6732	3.00472	49.999	50.003	50.002	29.03	0.253	0.012301	15785	7.02	29.739
13.6638	2.99885	49.998	49.995	50	28.59	0.237	0.04476	15785	7.989	28.387
13.6492	2.99235	49.998	49.999	49.997	29.46	0.237	0.010121	15785	7.464	29.164
13.6388	2.99305	50.004	49.995	49.997	29.21	0.24	0.032496	15785	7.888	28.036
13.6668	2.99151	50	50.003	50.002	29.11	0.241	0.118242	15785	7.787	26.513
13.7054	3.00591	50.001	50.002	49.999	29.08	0.251	0.045453	15785	6.819	31.815
13.6642	3.00126	50.002	50.001	50	25.95	0.242	0.017473	15785	5.83	36.492
13.6878	3.00104	49.999	50	49.999	24.4	0.251	0.011418	15785	5.244	43.071
13.6806	3.00362	50	49.997	49.996	24.34	0.243	0.007462	15785	4.86	42.427
13.6765	2.99449	50.001	50	50.003	24.01	0.237	0.027151	15785	4.325	48.315
13.6441	2.99195	50.001	50.002	49.998	24.89	0.242	0.030164	15785	3.891	50.104
13.7007	3.00029	49.996	50.001	49.995	24.57	0.238	0.03351	15785	3.466	52.337
13.6669	3.00181	50.002	50.001	50.004	24.68	0.251	0.012882	15785	3.365	51.256
13.6613	2.99954	49.996	49.998	50.003	24.92	0.243	0.024328	15785	2.981	56.556
13.667	3.00613	49.995	50.002	50	24.4	0.255	0.027027	15785	2.709	59.639
13.6994	3.00729	49.999	50.001	50.003	25.09	0.238	0.020017	15785	2.052	64.139
13.6845	2.99946	49.999	50.002	49.997	25	0.248	0.019622	15785	1.587	66.737
13.6704	2.99986	50	50.002	50.001	25.34	0.26	0.014532	15785	1.02	66.95
13.6503	2.99306	49.998	50.001	50.002	25.51	0.261	0.046658	15785	0.808	66.355

13.6958	3.00623	49.998	50	49.998	25.54	0.248	0.051834	15785	1.202	63.91
13.6646	2.99896	50	49.997	49.999	24.39	0.253	0.019926	15785	3.386	54.328
13.6428	2.99439	50.001	50.005	50.014	24.8	0.25	0.184883	15785	6.132	41.749
13.6708	2.99517	49.999	49.998	49.996	27.77	0.248	0.04738	15785	7.222	34.057
13.6807	2.99928	50.005	49.999	49.997	29.22	0.253	0.052637	15785	7.474	28.619
13.6965	3.0085	50.003	49.996	50.004	28.6	0.244	0.058477	15785	8.795	29.854
13.6791	2.99943	50.002	49.997	50.005	28.75	0.237	0.022479	15785	8.634	33.255
13.7091	3.00273	50.001	50.001	50.005	27.84	0.243	0.048114	15785	8.352	37.597
13.6954	3.00895	49.996	49.999	50	26.22	0.235	0.090869	15785	8.11	36.853
13.687	3.00294	49.999	50	50	25.59	0.238	0.059382	15785	8.362	38.483
13.6868	3.00069	49.997	50.001	50.001	25.09	0.236	0.324112	15785	7.777	40.654
13.6578	2.99683	50.003	49.998	49.999	24.34	0.243	0.028741	15785	7.111	45.584
13.6613	2.99476	49.997	50	50.002	23.28	0.241	0.05428	15785	6.536	48.082
13.6835	2.99863	50.003	50.004	49.996	23.79	0.241	0.035472	15785	6.052	52.14
13.6561	2.99355	50.002	50.002	50.005	24.41	0.254	0.026271	15785	5.204	59.847
13.7077	3.00244	50.006	49.997	50	24.42	0.244	0.017168	15785	3.679	76.489
13.6882	3.00225	50	49.999	50	24.44	0.237	0.019073	15785	3.446	79.354
13.6528	2.99431	49.997	49.995	49.995	24.47	0.244	0.024014	15785	3.123	81.646
13.6596	3.00314	49.996	50	50.001	24.87	0.242	0.045353	15785	3.083	82.706
13.699	3.00618	50	50.003	49.996	24.52	0.248	0.03359	15785	2.82	84.699
13.683	3.00249	49.995	49.996	50.003	24.41	0.245	0.021951	15785	2.597	85.967
13.6772	3.00703	49.999	50.001	50.001	25.05	0.237	0.046984	15785	2.537	86.726
13.6789	2.99806	49.999	50.001	50.001	24.78	0.252	0.052196	15785	2.335	88.419
13.6582	2.996	50.006	50.002	50.001	24.62	0.255	0.020065	15785	2.426	88.334
13.6694	2.99964	49.999	49.998	49.999	24.38	0.244	0.022291	15785	2.88	87.468
13.6746	3.00115	49.995	49.996	50	24.43	0.256	0.016509	15785	3.567	85.194
13.6844	3.00335	49.998	50.002	50.004	24.37	0.255	0.031179	15785	4.78	82.17
13.6528	3.00105	50	50.001	50	25.17	0.242	0.023092	15785	5.708	73.956
13.6786	2.99945	50.005	50	49.997	25.46	0.242	0.015091	15785	6.647	69.327
13.6675	2.99949	50.005	50	49.998	26.55	0.25	0.0285	15785	7.626	66.982
13.6893	3.00667	50.004	49.999	49.995	26.7	0.252	0.012416	15785	8.311	63.853
13.691	3.0033	50.002	49.996	49.994	28.36	0.239	0.039865	15785	9.3	62.106
13.6444	2.99247	50.002	49.998	50.007	28.57	0.23	0.026051	15785	9.945	60.932
13.7171	3.01157	50	49.998	49.999	27.24	0.241	0.055761	15785	9.501	64.505
13.6779	2.99881	49.998	49.999	49.993	26.47	0.247	0.021435	15785	7.979	70.535
13.6333	2.9937	49.997	50.002	50.002	24.89	0.244	0.04588	15785	6.031	76.767

13.667	3.00117	50.001	50.001	49.997	24.55	0.247	0.05097	15785	4.85	81.195
13.6288	2.99307	49.997	50	49.996	24.5	0.245	0.022206	15785	3.729	84.533
13.7044	3.00714	49.996	50.002	49.998	24.61	0.239	0.014511	15785	3.143	87.537
13.6854	3.00343	50.001	49.999	49.997	24.58	0.248	0.018271	15785	2.314	88.93
13.6477	3.00212	49.997	50.001	49.996	25.17	0.239	0.020298	15785	1.587	90.204
13.6674	2.99763	49.997	49.995	49.998	26.19	0.247	0.043445	15785	1.202	91.391
13.6712	3.00031	50.001	50.01	50.002	26.4	0.24	0.028391	15785	1.566	92.166
13.6712	3.00224	50.001	50	50	26.35	0.241	0.031541	15785	1.485	92.596
13.6654	2.99655	50.004	49.998	49.995	25.73	0.24	0.03504	15785	1.162	92.829
13.6513	2.99318	50.002	50.002	50.007	25.75	0.257	0.025952	15785	1.445	93.169
13.671	2.99438	49.992	50	50	26.08	0.25	0.009976	15785	1.334	91.488
13.6887	3.00283	49.998	50.001	49.999	25.39	0.251	0.03203	15785	-0.011	93.981
13.6479	2.99905	49.998	50.002	50.001	24.51	0.244	0.060491	15785	3.022	86.405
13.6771	2.99588	50.001	49.997	49.999	27.91	0.239	0.044802	15785	6.264	79.74
13.679	2.99639	49.998	49.998	50.005	29.63	0.249	0.029278	15785	8.069	73.018
13.7034	3.00442	49.999	50	50.003	28.84	0.239	0.062666	15785	9.602	63.233
13.6902	3.00164	50.001	49.998	50.001	28.53	0.239	0.069619	15785	10.499	57.775
13.6708	3.00068	50.003	50.002	50.004	28.53	0.247	0.077342	15785	11.617	53.71
13.6611	3.0017	50.002	50	50.001	28.52	0.236	0.029731	15785	12.11	47.776
13.6889	3.01012	50.001	50.004	49.995	28.56	0.231	0.006723	15785	12.986	39.067
13.672	2.99894	49.999	50.002	50.001	28.58	0.239	0.036694	15785	13.087	34.341
13.6661	3.00155	49.998	49.998	50.002	29.07	0.247	0.040765	15785	13.228	40.145
13.6862	3.00723	50.003	49.997	50.003	29.53	0.24	0.030192	15785	12.312	33.153
13.6641	2.99889	50.004	50.004	50.002	28.66	0.237	0.011606	15785	9.249	40.429
13.6492	2.99961	49.998	50.001	49.996	25.11	0.237	0.037262	15785	6.223	63.992
13.6608	3.00365	50	50.001	49.994	24.98	0.239	0.027597	15785	3.365	74.989
13.703	3.00808	49.998	49.998	50.003	25.68	0.261	0.018035	15785	1.566	78.41
13.6537	2.99637	49.999	49.996	49.996	25.78	0.251	0.020036	15785	0.292	78.864
13.6577	2.99654	50.003	50.01	50.003	25.8	0.241	0.037839	15785	-0.598	80.674
13.6731	3.00014	50	50.001	50.001	25.94	0.244	0.071463	15785	-1.276	82.994
13.6699	2.99909	49.996	49.998	50.001	25.87	0.253	0.018314	15785	-1.661	83.793
13.6745	2.99711	49.999	49.997	49.997	26.34	0.253	0.020346	15785	-1.955	83.855
13.6802	2.99773	49.995	50.002	50.005	26.43	0.251	0.043549	15785	-2.107	83.732
13.6752	3.0001	49.997	50.001	50.003	26.35	0.247	0.028459	15785	-2.258	82.804
13.6619	2.99645	49.999	49.999	50.002	26.01	0.253	0.031616	15785	-2.36	83.158
13.6385	2.99582	50.001	50	49.998	26.4	0.264	0.05971	15785	-2.724	86.018

13.655	2.99912	50.002	49.995	50.004	25.1	0.25	0.026014	15785	-1.408	84.65
13.6704	2.99939	50	49.997	49.994	23.82	0.246	0.049129	15785	1.182	70.752
13.6961	3.00361	49.999	50.003	50.003	24.38	0.257	0.012591	15785	2.779	62.489
13.6536	2.99341	50	50.002	50	25.79	0.244	0.040423	15785	4.608	51.965
13.6807	3.00093	50	50.005	49.998	27.29	0.255	0.017611	15785	5.385	49.154
13.6824	3.00484	49.998	49.996	49.995	27.9	0.245	0.019565	15785	6.253	46.163
13.6632	2.99568	49.999	49.999	50.005	28.27	0.241	0.03695	15785	6.687	41.236
13.6461	2.99136	49.997	49.996	50.001	28.4	0.245	0.046523	15785	6.153	41.878
13.704	3.00715	50	50	50.002	27.15	0.243	0.034456	15785	5.416	45.562
13.7067	3.00748	49.996	49.996	49.999	25.09	0.245	0.022517	15785	3.567	48.91
13.6754	2.99693	49.996	49.998	50	24.63	0.252	0.014715	15785	2.537	51.2
13.6752	2.99977	50	50.002	50.003	25.72	0.248	0.031496	15785	0.778	51.398
13.6584	2.99382	49.999	50.015	50.001	26.34	0.251	0.03499	15785	-0.153	47.305
13.659	2.99515	50.001	50.003	50.006	26.39	0.247	0.022866	15785	-1.327	63.759
13.709	3.00761	49.994	49.996	50	26.3	0.259	0.016935	15785	-1.327	69.056
13.714	3.01218	49.999	49.999	49.997	26.24	0.261	0.031983	15785	-1.833	68.498
13.6561	2.99424	50.005	49.995	50.002	26.21	0.25	0.013934	15785	-1.55	63.719
13.69	3.00811	50.003	50	50	26.03	0.256	0.009106	15785	-1.317	65.199
13.6666	3.00251	50.004	50.004	50	26.36	0.258	0.0497	15785	-1.064	66.354
13.6482	2.99378	50.001	50.003	50.003	26.3	0.26	0.093863	15785	-0.922	68.879
13.6601	2.99763	49.999	49.994	49.997	26.41	0.26	0.012485	15785	-0.639	68.157
13.6851	3.00235	50.003	50.001	50.002	26.1	0.244	0.023579	15785	-1.489	78.442
13.6542	2.99779	50.003	50.001	49.997	25.98	0.247	0.026195	15785	-1.125	78.052
13.6699	2.99986	49.998	49.997	50.001	26.35	0.246	0.029102	15785	-1.671	85.068
13.6532	2.98995	50.006	50.002	50.003	26.14	0.258	0.019018	15785	-2.157	91.44
13.6823	3.00543	49.995	49.994	50	25.79	0.268	0.035917	15785	-2.623	92.074
13.6845	3.00028	49.997	50.004	50.007	25.11	0.262	0.008122	15785	-2.745	91.44
13.6674	2.99999	50.003	49.996	50.002	24.82	0.255	0.026075	15785	-2.096	87.116
13.6693	3.00096	50.004	49.998	49.998	24.83	0.263	0.015035	15785	-1.884	86.957
13.6961	3.00565	50.001	49.999	49.999	24.62	0.242	0.018931	15785	-1.803	86.978
13.6934	3.00752	49.999	49.999	50.005	26.45	0.247	0.018557	15785	-1.691	83.963
13.6659	2.99752	50.002	50.001	50.002	25.83	0.25	0.013744	15785	-1.631	83.49
13.6736	3.00233	50.001	49.997	49.993	25.09	0.255	0.044126	15785	-1.378	80.929
13.667	3.00097	50.004	50.002	50.003	26.12	0.263	0.043254	15785	-1.388	79.912
13.6796	3.00121	50.004	49.996	50.003	25.78	0.254	0.032035	15785	-1.469	80.999
13.6764	2.99986	50.004	50	49.997	25.82	0.264	0.035589	15785	-1.752	81.685

13.6591	2.99818	50.003	49.995	50.006	26.4	0.251	0.039537	15785	-1.985	85.077
13.6857	3.00001	50	50.003	49.998	26.05	0.255	0.025837	15785	-2.117	85.523
13.6699	2.99959	50.003	50.001	50.001	26.24	0.253	0.028704	15785	-2.714	86.084
13.6992	3.00806	50.001	50.002	49.996	26.33	0.265	0.018758	15785	-3.758	88.054
13.6805	3.00125	50.003	50.003	49.999	26.42	0.265	0.020839	15785	-3.494	88.06
13.6872	3.00609	50.001	49.995	50.001	26.01	0.257	0.015434	15785	-2.745	86.398
13.682	3.00192	50.005	50	50	26.33	0.258	0.025719	15785	-2.866	85.098
13.6529	2.99158	50.001	49.996	49.998	26.31	0.262	0.019048	15785	-3.798	86.301
13.6844	3.00137	50	50.001	49.989	26.01	0.256	0.007322	15785	-5.764	83.147
13.6566	2.9997	50	49.996	50.002	25.91	0.26	0.013829	15785	-6.413	85.575
13.6414	2.9976	49.996	50.004	50.005	25.98	0.255	0.026118	15785	-6.15	86.542
13.672	3.0011	49.995	50.004	49.997	26.24	0.265	0.029015	15785	-6.15	84.406
13.6808	3.00183	50	49.997	50.005	26.07	0.257	0.062104	15785	-5.825	81.685
13.6614	3.00119	50	50.006	50	26.26	0.252	0.068994	15785	-4.062	72.654
13.7119	3.00569	49.993	49.999	49.998	24.75	0.251	0.130303	15785	-3.292	66.776
13.6802	2.99672	50.003	49.998	50.001	24.41	0.25	0.029464	15785	-2.107	61.923
13.6619	2.99678	50.002	49.998	49.995	24.77	0.241	0.063066	15785	-0.659	60.559
13.6713	2.99668	49.997	49.997	50.001	24.51	0.256	0.024243	15785	0.039	65.631
13.6519	2.99504	49.998	49.999	50	24.27	0.239	0.026933	15785	0.606	67.347
13.6465	2.99979	50.001	50.005	49.997	24.43	0.251	0.019947	15785	1	65.964
13.6772	2.99484	50.001	49.995	49.995	25.09	0.245	0.108873	15785	1.526	64.721
13.6417	2.99534	49.993	49.997	49.998	26.21	0.254	0.027901	15785	1.02	66.659
13.6661	3.0027	49.998	50	49.999	26.19	0.244	0.052694	15785	1.071	73.111
13.6712	3.00185	49.994	49.999	49.99	25.28	0.261	0.020256	15785	0.919	76.558
13.6823	3.00209	49.998	49.999	50	26.25	0.242	0.065035	15785	0.393	75.737
13.6627	3.00647	50	50.003	50	26.14	0.259	0.07225	15785	0.454	76.601
13.672	3.0012	49.995	50	50.002	26.23	0.248	0.027774	15785	0.252	80.261
13.648	2.99566	50.004	49.996	49.998	26.19	0.247	0.010676	15785	0.595	81.155
13.6747	3	50.004	50.001	49.999	26.15	0.246	0.034278	15785	1.081	88.569
13.6663	3.00245	49.999	49.996	49.999	25.62	0.245	0.014934	15785	1.132	89.916
13.6351	2.99791	49.999	49.997	50	25.78	0.242	0.01659	15785	1.142	91.642
13.6513	2.99925	49.996	49.998	49.998	25.09	0.237	0.020888	15785	1.758	93.275
13.6755	3.00428	50.001	49.999	49.999	25.42	0.241	0.067065	15785	0.899	93.46
13.6747	3.00363	50.003	50	50	25.14	0.244	0.029218	15785	0.241	94.288
13.67	2.99767	50.005	50.004	49.998	25.23	0.253	0.006607	15785	0.424	94.613
13.6691	2.99935	50.001	49.998	50.006	25.15	0.248	0.008318	15785	1.081	95.034

13.6811	3.00006	49.999	49.999	50.003	24.52	0.247	0.017805	15785	1.546	93.035
13.656	2.99919	49.998	50.004	50	25.24	0.246	0.01978	15785	1.445	90.229
13.6762	2.999	49.998	50.004	50.009	24.93	0.242	0.042338	15785	2.021	88.166
13.6501	2.99541	49.996	50.001	50.003	25.8	0.254	0.047035	15785	1.93	88.186
13.6728	2.99801	50.001	49.999	50.001	25.05	0.241	0.034835	15785	2.739	88.135
13.66	2.99761	49.997	49.998	50.001	24.4	0.255	0.013391	15785	3.446	87.57
13.6745	2.99827	49.999	49.997	50.004	24.89	0.238	0.01686	15785	3.567	87.688
13.6435	2.99699	49.997	49.999	50.001	25.18	0.237	0.021228	15785	3.911	86.669
13.666	3.00378	49.993	50.003	50	25.22	0.24	0.068156	15785	4.093	86.268
13.6564	2.99843	49.997	50.001	49.997	24.41	0.243	0.015412	15785	3.85	85.152
13.6675	2.99833	50	49.999	50.001	24.41	0.239	0.019404	15785	4.174	85.162
13.6636	2.99894	50.003	49.996	50.007	24.7	0.238	0.024431	15785	3.759	86.809
13.6573	3.00069	50.002	50.002	49.995	25.09	0.257	0.027142	15785	3.608	86.91
13.6532	2.99413	49.996	49.998	50.002	24.62	0.246	0.030153	15785	3.083	88.999
13.6555	3.00143	49.995	49.998	50.005	25.87	0.254	0.037964	15785	3.072	86.373
13.6818	2.99766	50	50.002	50.001	25.64	0.247	0.01654	15785	2.911	81.106
13.6687	3.00228	50.001	50.003	50	25.58	0.248	0.031237	15785	1.849	85.09
13.7106	3.00803	49.999	49.997	50	25.09	0.241	0.020413	15785	1.223	83.953
13.6725	2.99656	49.999	50.002	49.997	25.23	0.248	0.01334	15785	0.535	80.747
13.6688	3.00185	50	49.997	49.995	25.14	0.248	0.01482	15785	-0.254	85.33
13.6795	3.00372	50.006	50.002	50.008	25.98	0.241	0.053925	15785	-0.902	85.717
13.677	3.00264	49.999	50.004	50.003	26.36	0.24	0.089862	15785	-1.165	87.311
13.6603	2.99709	50.002	50	49.999	25.91	0.246	0.023029	15785	-1.074	85.956
13.6539	2.99385	49.999	50	49.998	26.15	0.254	0.015049	15785	-1.368	85.448
13.6837	3.00185	50.006	49.999	49.996	26.05	0.248	0.016719	15785	-1.165	84.864
13.663	2.99756	49.997	49.994	50.004	24.4	0.248	0.091253	15785	0.616	77.791
13.668	3.00373	49.997	50.008	50.001	26.44	0.253	0.035079	15785	2.304	69.81
13.6493	2.99806	50	49.998	49.998	26.49	0.244	0.06625	15785	2.769	63.366
13.6664	3.00014	49.995	49.999	50	27.21	0.246	0.043294	15785	3.355	64.45
13.6566	2.99739	50.003	50.002	49.997	27.11	0.236	0.081765	15785	4.497	58.368
13.6635	2.99683	50.005	49.998	50.003	25.99	0.238	0.090836	15785	4.84	55.537
13.6456	2.9966	50.003	49.999	50.003	26.34	0.253	0.034918	15785	5.305	49.204
13.6824	3.00359	50.004	50.003	49.999	25.56	0.244	0.025861	15785	5.244	50.587
13.6924	3.00142	50.003	49.999	49.999	24.78	0.239	0.141153	15785	4.982	51.032
13.6833	2.99977	50.001	49.995	50	24.4	0.254	0.031918	15785	4.376	55.292
13.6701	3.00238	49.998	49.998	50.001	25.87	0.255	0.01227	15785	2.052	63.922

13.6857	3.00595	49.994	49.997	50.004	26.45	0.241	0.044645	15785	0.666	67.279
13.6539	2.99551	49.996	50.002	50	25.82	0.244	0.049598	15785	-0.244	71.991
13.6627	2.99391	49.997	49.997	50.003	26.46	0.247	0.032412	15785	-0.75	79.031
13.702	3.00927	49.999	49.998	50.012	25.75	0.242	0.021181	15785	-1.246	76.14
13.679	3.00599	49.997	50.001	49.996	26.35	0.25	0.023531	15785	-2.188	82.686
13.6698	2.99947	50.001	49.998	49.998	26.42	0.255	0.07555	15785	-0.932	59.491
13.6657	3.00059	50.002	49.999	50.002	26.31	0.259	0.049371	15785	-1.256	63.207
13.6607	3.0016	49.997	50.002	49.999	26.3	0.263	0.032264	15785	-1.732	62.152
13.702	3.00861	50.006	50.007	50.002	26.2	0.251	0.040622	15785	-2.238	64.503
13.7147	3.00604	50.002	49.996	49.996	25.99	0.251	0.045129	15785	-3.676	71.075
13.6428	2.99526	49.998	50.004	50.002	26.16	0.266	0.050136	15785	-4.548	71.89
13.6979	3.00501	49.998	49.997	49.995	25.99	0.261	0.032764	15785	-5.42	65.991
13.6967	3.01021	49.999	50.001	50	25.95	0.247	0.012595	15785	-4.73	66.533
13.696	3.00942	50.002	49.997	49.996	25.77	0.262	0.040437	15785	-3.656	56.714
13.6789	3.00408	49.995	49.998	50	25.03	0.247	0.076369	15785	-2.724	48.132
13.6568	2.99897	50.002	49.998	49.999	25.21	0.252	0.049907	15785	-2.339	36.564
13.6571	2.99787	49.999	50.002	49.997	24.97	0.251	0.055443	15785	-1.54	43.447
13.6627	2.99573	50.005	49.999	49.994	24.4	0.261	0.069807	15785	-1.327	42.888
13.6607	3.0019	49.999	50.002	50.001	24.4	0.248	0.015785	15785	-0.457	41.188
13.669	2.99971	49.998	49.998	50.004	23.75	0.253	0.05068	15785	0.11	39.87
13.6794	3.00359	49.997	49.996	49.995	24.62	0.241	0.162713	15785	0.96	37.802
13.6567	3.00058	50.003	50.001	49.996	24.46	0.24	0.070888	15785	0.413	39.335
13.6835	2.99978	49.995	49.996	49.997	25.15	0.24	0.02725	15785	-0.103	39.342
13.7129	3.01097	49.999	49.997	50.002	26.04	0.257	0.017808	15785	-1.691	46.925
13.6589	3.00095	49.999	50.001	49.998	26.41	0.266	0.011637	15785	-3.15	54.05
13.6933	3.00407	50.002	50.004	50.001	26.45	0.247	0.063517	15785	-4.051	59.994
13.6386	2.99446	50.004	49.998	50.001	26.2	0.255	0.024417	15785	-5.105	69.188
13.6768	3.00637	50	50	49.999	25.99	0.248	0.027125	15785	-6.028	73.796
13.6794	3.00007	50.004	49.995	50.005	26.27	0.252	0.010427	15785	-7.002	76.984
13.6622	2.99638	50	49.996	50.004	26.32	0.253	0.019693	15785	-7.205	79.307
13.6689	2.99907	49.999	50	50	26.45	0.256	0.021878	15785	-8.037	84.069
13.6328	2.99042	50.001	49.998	49.995	26.26	0.261	0.024305	15785	-8.24	82.652
13.6512	2.99959	50.003	50.004	49.999	26.24	0.251	0.045902	15785	-9.052	84.546
13.6849	3.00307	50.002	50.003	50.006	26.19	0.25	0.029997	15785	-9.235	88.017
13.6739	2.99826	49.998	50.011	50	26.17	0.261	0.056652	15785	-9.336	91.126
13.6528	2.99745	50.001	49.998	49.999	26.21	0.259	0.055533	15785	-8.24	82.974

13.6814	3.00489	49.995	50	49.994	25.54	0.246	0.041129	15785	-4.852	74.789
13.6656	2.9998	50.005	50.003	50.003	25.21	0.242	0.026878	15785	-2.785	64.14
13.6658	2.99813	50	49.999	50.002	26.47	0.245	0.010332	15785	-1.833	56.07
13.6836	3.00517	49.999	50.001	50.005	27.84	0.253	0.033172	15785	0.201	39.787
13.6843	3.00297	50.003	49.997	50	28.53	0.242	0.021678	15785	1.182	36.573
13.6495	3.00301	50.002	49.997	50.01	28.53	0.24	0.040941	15785	1.849	37.06
13.6558	3.00242	49.999	49.994	50	28.53	0.237	0.017836	15785	3.244	32.823
13.6639	2.99558	50.002	50.004	50.002	29.23	0.242	0.019815	15785	3.931	29.479
13.6694	3.00401	49.997	49.998	50.002	29.16	0.237	0.037423	15785	4.618	29.941
13.7117	3.00743	50.002	50.001	50.007	29.64	0.247	0.041575	15785	4.971	28.449
13.666	2.99836	49.994	49.999	49.997	29.84	0.254	0.030792	15785	4.547	29.632
13.6463	2.99871	50	49.998	49.995	26.37	0.252	0.020122	15785	2.092	35.533
13.6206	2.98836	49.998	49.995	50	26.5	0.241	0.064605	15785	0.96	40.217
13.6407	2.9935	49.997	49.999	49.996	26.47	0.253	0.024835	15785	-0.477	46.477
13.6887	3.00132	49.998	49.997	49.997	26.47	0.252	0.01082	15785	-1.287	47.278
13.6317	2.99155	50	49.997	49.997	26.46	0.263	0.01202	15785	-2.056	50.09
13.6456	2.99608	50.012	50.002	49.995	26.43	0.248	0.022701	15785	-2.218	55.558
13.6474	2.99095	49.998	50	50	26.45	0.254	0.016813	15785	-2.765	61.596
13.6931	3.00209	49.998	49.998	50	26.17	0.246	0.006463	15785	-2.42	58.999
13.6621	3.00129	50.002	50.005	50.001	26.02	0.266	0.012206	15785	-2.036	59.779
13.6664	2.99855	49.999	50.002	50.001	25.96	0.267	0.023052	15785	-2.501	61.884
13.6969	3.00106	50.005	50.004	49.996	25.47	0.264	0.015065	15785	-2.664	65.404
13.6588	2.99417	49.996	49.998	49.996	25.45	0.263	0.016736	15785	-2.532	66.057
13.6722	3.00087	50	50.002	50	25.77	0.259	0.031608	15785	-2.441	68.459
13.6885	3.0032	49.998	49.997	49.999	25.41	0.256	0.023409	15785	-1.125	66.159
13.664	2.99293	49.997	50	49.998	25.21	0.248	0.015298	15785	0.565	56.953
13.6766	2.99926	49.994	49.994	49.989	25.14	0.258	0.016995	15785	0.879	61.257
13.6921	3.00459	50	50.001	50.001	26.19	0.261	0.021398	15785	0.069	77.122
13.6691	2.99636	50.007	50.001	50.003	25.65	0.242	0.013984	15785	0.393	78.103
13.6679	2.99878	49.999	49.997	50.005	25.22	0.25	0.026409	15785	0.939	75.143
13.6569	2.99853	50.003	49.993	49.997	25.47	0.255	0.019559	15785	2.719	71.054
13.6654	3.00238	49.996	49.995	49.998	25.48	0.242	0.120991	15785	6.94	64.807
13.6712	3.00363	49.999	49.997	50	24.53	0.231	0.228504	15785	8.291	57.286
13.6539	2.99725	49.998	49.999	49.997	24.77	0.233	0.05167	15785	8.916	59.068
13.6776	3.00307	49.999	49.993	50	23.72	0.239	0.022511	15785	8.957	63.545
13.6953	3.00368	50.002	50.01	49.996	24.4	0.247	0.009807	15785	9.42	69.475

13.6519	2.99437	50.002	50	50.002	23.72	0.242	0.018522	15785	7.545	73.482
13.6874	3.0054	49.999	49.995	49.998	25.09	0.255	0.059466	15785	4.376	77.646
13.6833	3.00851	49.992	50.005	50.005	25.4	0.242	0.025907	15785	2.688	81.268
13.6756	2.99742	50.001	50.004	50.002	25.63	0.239	0.01693	15785	2.274	82.631
13.6914	3.00556	49.997	50.003	50.001	26.27	0.244	0.021316	15785	2.385	81.152
13.6712	2.99874	49.998	49.997	50	25.46	0.24	0.040258	15785	0.434	82.587
13.6878	3.00361	49.999	49.999	50.004	26.02	0.241	0.015476	15785	0.879	80.362
13.6832	3.00502	50.004	49.998	49.997	25.79	0.252	0.019485	15785	-0.224	83.11
13.6751	3.0014	49.996	50.002	50	25.95	0.241	0.021647	15785	-0.275	84.773
13.681	3.00274	49.998	49.999	50.001	26.02	0.248	0.014146	15785	-0.538	84.952
13.6694	3.00091	49.998	50.001	49.998	25.99	0.251	0.015715	15785	-0.669	84.765
13.6809	3.00164	49.998	49.998	49.998	26.22	0.262	0.033637	15785	-0.163	83.035
13.7001	3.00589	49.999	50.004	49.996	24.65	0.241	0.021982	15785	2.314	78.167
13.6694	2.99481	50.001	50.004	50.007	26.48	0.242	0.014365	15785	5.91	69.558
13.6697	3.00489	50	50	50	27.97	0.25	0.05227	15785	8.473	58.651
13.6726	3.0023	49.996	49.998	49.997	28.33	0.235	0.051237	15785	11.597	45.504
13.689	3.00392	50.003	49.991	49.996	28.25	0.245	0.019696	15785	14.335	38.181
13.6674	2.99665	49.992	49.997	50.001	28.38	0.228	0.042158	15785	16.145	33.126
13.6223	2.98884	49.999	49.996	50.002	29	0.244	0.009533	15785	16.326	29.969
13.6496	2.99917	50.003	50.001	49.996	28.57	0.242	0.018004	15785	17.873	28.767
13.6753	3.00426	49.997	49.998	50.004	28.43	0.232	0.034002	15785	19.159	26.816
13.6603	2.99384	49.999	49.991	49.998	29.13	0.236	0.013071	15785	16.647	33.103
13.6568	3.00332	50.004	49.997	49.995	29.13	0.23	0.024685	15785	16.276	32.864
13.6448	2.99247	50.005	50.004	50.001	29.71	0.237	0.027424	15785	14.596	39.765
13.6669	2.99754	49.999	50	50	29.22	0.233	0.017921	15785	13.952	40.617
13.6514	3.00475	49.994	50	50.001	28.41	0.239	0.01991	15785	12.865	43.997
13.6919	3.00838	49.998	50.004	50.007	26.57	0.243	0.022118	15785	12.523	44.245
13.6701	3.00108	50.002	49.998	49.996	25.56	0.238	0.014454	15785	11.335	48.174
13.664	2.99827	49.999	50.003	50.001	24.41	0.233	0.052595	15785	10.287	51.704
13.6382	2.99219	50.001	50.007	49.997	23.47	0.243	0.034371	15785	8.906	56.472
13.675	2.99986	49.996	50.003	50.002	23.36	0.235	0.038184	15785	11.486	47.82
13.6711	2.99993	50.004	49.991	50.004	23.32	0.229	0.02828	15785	10.549	51.892
13.6547	2.99516	49.996	49.998	50	23.03	0.234	0.031417	15785	8.886	59.413
13.6645	3.00098	50	49.996	49.996	24.41	0.236	0.034903	15785	5.446	72.289
13.7064	3.00989	50	50.004	49.996	25.14	0.235	0.015206	15785	4.093	77.193
13.66	3.00219	50.002	50.007	50.007	25.62	0.236	0.028718	15785	3.143	83.273

13.6884	3.00767	49.999	50	50.006	24.92	0.239	0.092202	15785	5.385	79.883
13.6822	3.00153	49.996	50	50.007	28.24	0.24	0.020849	15785	7.343	72.406
13.6713	3.00383	50.004	49.996	49.998	28.02	0.238	0.015441	15785	9.048	67.73
13.6849	3.00287	50.004	49.998	50.001	27.84	0.233	0.029163	15785	11.597	58.352
13.6617	2.99587	50.001	50.004	49.997	27.99	0.232	0.055077	15785	12.926	52.19
13.661	2.99544	50.002	50.003	50	28.19	0.238	0.104018	15785	13.54	48.583
13.6672	2.99986	49.999	49.999	50	28.09	0.235	0.045317	15785	14.636	45.744
13.6629	2.99659	50.002	50.006	50	28.18	0.228	0.029614	15785	15.17	42.549
13.6732	2.99922	49.998	50.002	50.012	28.12	0.228	0.037287	15785	15.783	39.958
13.6798	3.00036	50.003	50.001	50.001	28.47	0.228	0.070419	15785	16.004	38.388
13.6845	3.00701	49.996	50.004	49.996	28.57	0.232	0.02707	15785	16.115	39.097
13.6468	2.99339	50.002	50.005	49.997	29.19	0.246	0.147749	15785	13.852	44.53
13.6283	2.99362	49.999	50	49.999	29.21	0.235	0.013102	15785	11.637	50.139
13.6984	2.99921	49.999	49.993	49.998	26.87	0.239	0.042065	15785	9.118	58.754
13.6821	3.0051	49.998	50.009	50.001	25.07	0.235	0.046731	15785	7.313	67.357
13.6388	2.98918	50	50.003	50.01	24.46	0.236	0.058838	15785	5.244	72.557
13.6845	3.00099	49.997	49.996	49.998	24.54	0.24	0.065366	15785	4.557	75.833
13.675	3.00252	50	49.998	50.005	25.08	0.242	0.028477	15785	4.8	75.984
13.6516	2.98743	50.006	49.998	49.997	25.09	0.254	0.01861	15785	5.143	71.996
13.6516	2.99833	50.001	50.003	50.007	25.08	0.237	0.035147	15785	5.385	72.199
13.6656	3.00121	50.002	49.998	49.997	25.09	0.245	0.075228	15785	4.598	75.292
13.6683	3.00534	49.997	50.001	50.002	25.08	0.247	0.017011	15785	4.093	78.072
13.6769	2.99674	49.996	49.993	49.997	25.08	0.248	0.021418	15785	4.325	77.439
13.6838	3.00762	49.999	49.999	50.001	25.09	0.24	0.04045	15785	4.295	76.719
13.6641	2.99819	49.996	49.997	49.998	24.79	0.254	0.086579	15785	6.738	72.804
13.646	2.99649	49.999	50	50.002	28.52	0.248	0.019578	15785	10.136	63.746
13.6575	2.99709	49.997	50.001	49.997	27.95	0.234	0.036974	15785	14.938	48.827
13.6544	3.00144	50.005	49.999	49.997	27.83	0.233	0	15785	17.411	41.817
13.68	2.99975	50.008	50.001	50.003	27.8	0.231	0.208726	15785	20.223	36.379
13.6355	2.99437	49.998	50.002	50.005	27.83	0.238	0.231882	15785	21.879	30.216
13.649	2.99819	49.996	50.009	50.001	27.84	0.229	0.171739	15785	23.092	29.468
13.6657	3.00199	50.003	49.997	49.993	27.8	0.225	0.324346	15785	24.265	25.251
13.6597	2.99872	49.999	49.996	50.001	27.84	0.241	0.36033	15785	23.744	26.009
13.6872	3.00196	49.996	49.999	50.007	27.98	0.225	0.138514	15785	23.754	28.058
13.6678	2.9991	50.004	50.001	50.001	28.42	0.222	0.296477	15785	22.019	29.556
13.6299	2.99619	50	49.997	49.996	28.6	0.228	0.329369	15785	19.902	34.843

13.6739	2.9976	50	49.998	49.999	29.33	0.238	0.074478	15785	17.622	39.854
13.6589	3.00173	49.994	50.005	49.997	29.33	0.232	0.140659	15785	16.024	45.528
13.6518	2.99363	49.996	50	50.006	28.63	0.237	0.104176	15785	14.948	49.832
13.704	3.00602	50.002	49.997	49.999	27.85	0.237	0.068079	15785	14.606	49.38
13.6983	3.00759	49.995	50.002	50	27.21	0.238	0.044489	15785	13.993	50.049
13.6677	3.00013	50.007	50.005	49.996	26.69	0.231	0.029073	15785	13.761	49.301
13.661	2.99668	49.995	49.999	49.996	26.47	0.248	0.054908	15785	13.791	47.073
13.6802	3.00601	50	50.007	49.999	26.48	0.245	0.023921	15785	12.805	50.264
13.6833	3.0012	50.001	50.002	49.997	25.71	0.239	0.051202	15785	9.461	90.548
13.6712	2.99929	50.001	50	49.993	23.93	0.25	0.03346	15785	10.499	90.728
13.6837	3.00463	49.996	50.001	50.003	23.72	0.23	0.042129	15785	8.947	94.733
13.6606	2.99709	49.999	49.998	49.998	24.23	0.235	0.027531	15785	11.214	80.79
13.6705	2.99942	50	49.996	50.002	24.38	0.232	0.017991	15785	9.844	90.913
13.6726	3.00292	50.002	49.999	50	24.94	0.232	0.038509	15785	10.348	92.487
13.6666	2.99608	50.004	49.999	50	25.83	0.25	0.025165	15785	12.261	93.643
13.6719	2.99502	50.004	49.999	50	27.83	0.237	0.047527	15785	14.234	90.829
13.6433	2.99011	49.999	50.002	50.002	28.45	0.233	0.020706	15785	14.234	90.189
13.6781	3.00815	50	50.004	50	28.53	0.228	0.039105	15785	15.893	83.713
13.683	2.99757	50.001	49.999	50.006	28.53	0.244	0.025555	15785	15.924	79.589
13.6761	2.99914	49.999	49.999	49.998	27.87	0.233	0.009824	15785	16.858	58.662
13.6621	2.99876	50	49.993	49.999	27.84	0.23	0.018553	15785	18.315	53.059
13.6594	3.00063	50.003	49.995	49.999	28.08	0.231	0.023359	15785	18.948	40.095
13.6477	2.9907	49.999	50	49.999	28.03	0.231	0.015265	15785	18.436	36.816
13.6776	3.0095	50.002	49.996	49.994	30.03	0.228	0.006651	15785	14.667	42.687
13.674	3.00682	50.002	49.997	49.995	29.25	0.231	0.01256	15785	13.248	50.88
13.6558	2.99911	49.998	49.999	49.998	27.87	0.245	0.023721	15785	11.123	65.959
13.6652	3.00205	50.001	49.996	49.996	25.88	0.246	0.026353	15785	9.048	66.966
13.681	3.00178	50.002	49.999	49.997	24.48	0.239	0.019518	15785	8.513	63.581
13.631	2.9927	50.002	49.999	50.001	24.41	0.232	0.012755	15785	6.233	68.396
13.682	3.00234	49.995	49.997	50.003	24.4	0.244	0.024089	15785	4.921	75.785
13.6821	2.9981	49.999	50	50.004	24.47	0.253	0.017841	15785	5.567	76.196
13.707	3.00489	49.994	49.993	50.003	23.42	0.241	0.011659	15785	5.789	76.242
13.6903	3.00119	49.997	49.999	50	23.79	0.241	0.014679	15785	5.507	79.693
13.6819	3.00269	49.997	50.007	49.993	23.89	0.24	0.016308	15785	6.98	72.749
13.6747	3.00664	50	49.998	50.003	23.72	0.251	0.052358	15785	8.402	57.303
13.6569	2.99918	50.005	50.008	50.002	24.33	0.244	0.02281	15785	7.616	57.618

13.6567	2.99632	49.999	50.001	50.002	23.53	0.245	0.025341	15785	7.384	59.858
13.6658	2.99894	50.002	50.001	50.001	24.41	0.25	0.018768	15785	10.589	49.321
13.6646	2.99818	49.997	49.997	49.996	28.75	0.239	0.020851	15785	9.36	49.587
13.6654	2.99707	50	49.997	49.995	26.47	0.235	0.023164	15785	8.937	52.123
13.6739	2.99928	50.003	50	50.001	26.47	0.235	0.025734	15785	10.136	47.336
13.7111	3.00908	50	50	50.007	28.44	0.239	0.016817	15785	11.405	48.496
13.6541	2.99435	50.002	49.997	50.001	28.54	0.253	0.012455	15785	9.814	53.723
13.7065	3.00702	50.001	50.002	49.995	26.64	0.241	0.013837	15785	8.977	55.153
13.6749	2.99798	50.003	50.004	50	27.64	0.242	0.044425	15785	10.509	47.883
13.6865	3.00555	50.001	49.997	49.996	27.97	0.238	0.029031	15785	10.025	50.599
13.6612	3.00055	50.006	49.993	49.996	27.55	0.251	0.018972	15785	8.816	49.858
13.6693	3.00176	50	50	49.997	25.37	0.253	0.023887	15785	6.415	57.779
13.6803	3.00136	49.995	49.995	49.996	25.42	0.259	0.01561	15785	3.972	65.643
13.6693	3.00199	50.005	49.998	49.998	25.38	0.242	0.019654	15785	3.345	67.034
13.6827	3.00587	50.001	49.997	49.998	25.3	0.26	0.021834	15785	1.556	72.808
13.688	3.00576	49.995	49.997	49.998	25.78	0.25	0.046735	15785	0.535	73.252
13.6917	3.00355	49.999	50.003	49.999	26.41	0.254	0.017965	15785	-0.841	76.203
13.6876	3.00412	49.999	49.994	49.998	26.33	0.251	0.022619	15785	-1.023	75.825
13.636	2.99443	50	49.992	50.001	26.46	0.245	0.025129	15785	-2.279	79.246
13.6573	2.99743	49.999	50.002	50.002	26.27	0.258	0.010948	15785	-2.35	80.977
13.6795	3.00335	50.001	50.001	50.002	26.45	0.258	0.059754	15785	-2.785	81.38
13.6324	2.99415	50.002	49.994	50.002	26	0.256	0.039049	15785	-3.17	82.385
13.6448	2.9963	50.006	49.998	50.003	26.47	0.258	0.028921	15785	-3.089	82.001
13.6599	2.99548	50.002	50	49.998	25.83	0.253	0.032129	15785	-2.572	80.421
13.6821	3.00545	49.996	50.001	50.002	24.36	0.251	0.012351	15785	-0.335	75.949
13.6347	2.99821	50	50.002	49.999	24.41	0.241	0.013721	15785	3.022	60.364
13.6773	2.99964	50.003	50	50.007	26.98	0.245	0.029368	15785	5.618	44.026
13.6355	2.9965	49.997	49.991	50.001	28.75	0.246	0.011289	15785	7.575	38.92
13.671	3.00001	49.999	50.004	49.998	29.66	0.252	0.021321	15785	10.227	36.869
13.6344	2.99492	49.997	50.002	49.999	29.24	0.238	0.008196	15785	11.456	32.5
13.6632	2.99709	49.997	50	50.002	29.75	0.248	0.015479	15785	13.65	28.393
13.692	3.00413	49.996	50.002	49.997	29.07	0.232	0.017197	15785	14.697	26.058
13.6795	3.0085	50.002	50.001	50.003	28.75	0.235	0.016857	15785	15.2	26.94
13.6588	2.99726	49.996	49.999	49.997	28.64	0.239	0.018727	15785	15.843	23.298
13.6479	3.00005	49.998	49.999	50.002	29.15	0.238	0.012238	15785	15.18	24.963
13.6576	2.99876	50.002	50.001	50	29.33	0.251	0.013596	15785	12.402	33.026

13.705	3.00761	49.999	50	49.997	27.31	0.246	0.015104	15785	8.614	44.479
13.6454	2.99255	50.002	49.997	49.993	24.4	0.243	0.011186	15785	7.969	42.945
13.6792	3.00024	49.996	49.996	49.994	24.76	0.245	0.021127	15785	7.777	52.232
13.6826	3.00483	49.998	50.002	49.994	24.5	0.25	0.023471	15785	7.797	53.464
13.6721	2.99594	49.998	50.002	49.999	24.49	0.246	0.026074	15785	7.858	52.304
13.6769	3.00316	49.999	50.003	50.001	24.52	0.254	0.01704	15785	7.424	53.022
13.6748	3.00455	50.001	49.996	49.998	24.48	0.247	0.01262	15785	5.648	60.121
13.6396	2.99018	49.998	49.998	49.995	24.91	0.251	0.008247	15785	4.618	62.941
13.6467	2.99331	49.999	50.008	50.002	25.7	0.244	0.026478	15785	4.194	62.62
13.6617	2.99758	49.999	49.993	49.991	25.79	0.25	0.011536	15785	3.527	62.285
13.6444	2.99044	50.005	49.998	50.001	25.15	0.247	0.012815	15785	2.314	67.032
13.6679	2.99826	50.005	49.996	49.998	25.82	0.258	0.014237	15785	3.709	66.002
13.6623	2.99964	50.002	50.003	49.994	24.39	0.247	0.017926	15785	5.264	61.604
13.6323	2.99075	50.006	49.997	50	24.38	0.251	0.019914	15785	7.948	52.827
13.6812	3.00491	50.002	50.001	50	28.35	0.24	0.014749	15785	11.375	39.684
13.669	3.00076	49.998	50.001	50.006	28.53	0.231	0.016385	15785	14.455	30.228
13.6774	2.99846	49.998	50.003	50.004	28.07	0.245	0.030945	15785	16.014	28.896
13.689	3.00342	49.996	50.003	49.998	28.23	0.239	0.020223	15785	16.647	24.782
13.694	2.99828	49.997	49.998	50.003	28.52	0.232	0.013215	15785	18.094	22.802
13.6642	2.9997	50.002	49.997	49.999	28.13	0.24	0.016639	15785	18.406	20.647
13.6728	3.00401	49.997	49.998	49.998	28.43	0.226	0.010874	15785	18.677	19.567
13.644	2.99764	50.004	49.999	49.995	28.36	0.23	0.01208	15785	18.818	19.503
13.7039	3.00842	49.996	50.003	50.002	28.6	0.232	0.02013	15785	17.994	20.512
13.6788	3.00254	50.001	50	50.003	29.3	0.247	0.005159	15785	16.135	22.887
13.6739	2.99725	49.997	50	49.998	28.78	0.233	0.028157	15785	13.067	31.826
13.6828	3.00336	50.007	50.003	49.998	26.93	0.242	0.010824	15785	11.526	36.435
13.6508	2.9939	49.999	49.998	50.001	25.09	0.242	0.020442	15785	9.441	43.117
13.6512	2.99186	49.994	49.995	49.998	23.78	0.233	0.01514	15785	8.311	50.52
13.6768	3.0015	49.998	50	50	24.58	0.245	0.01682	15785	8.503	52.274
13.7013	3.00446	50	49.995	49.998	24.59	0.256	0.012457	15785	6.455	58.707
13.6519	2.99582	50	50.004	50.007	25.8	0.248	0.023526	15785	6.96	58.902
13.6702	3.00121	50.002	50.012	50.007	25.19	0.256	0.029621	15785	6.919	62.806
13.6815	3.00639	50.003	49.999	50	23.75	0.253	0.019357	15785	8.251	64.261
13.6777	3.0021	50.003	50	49.996	23.9	0.242	0.008433	15785	9.924	59.313
13.6879	3.00589	49.996	49.998	49.998	24.41	0.247	0.018051	15785	9.642	62.928
13.6623	2.99775	50.002	50.001	49.991	24.49	0.238	0.006939	15785	9.4	64.766

13.6822	3.00309	49.993	49.994	50.003	25.29	0.243	0.025249	15785	10.307	62.787
13.6583	2.99597	49.999	49.996	50.001	27.45	0.24	0.0165	15785	11.597	59.026
13.6758	3.00016	50	49.998	49.995	28.71	0.24	0.010783	15785	12.644	56.054
13.6761	2.99925	50.004	50.001	50	29.06	0.235	0.013576	15785	13.318	54.921
13.6608	2.99383	50.004	49.998	50	28.62	0.233	0.015082	15785	14.546	53.732
13.6479	3.00314	49.999	49.994	49.999	28.07	0.23	0.028484	15785	15.974	51.279
13.6648	2.99909	49.996	50.001	50	28.26	0.234	0.01095	15785	15.159	54.429
13.658	2.99606	49.997	50.005	50.006	28.52	0.244	0.020679	15785	16.617	53.534
13.6681	2.99851	49.998	50.001	50.001	28.44	0.23	0.013514	15785	17.522	49.666
13.6652	2.9923	49.996	49.998	50.001	28.83	0.233	0.008831	15785	16.487	53.207
13.6759	3.00253	49.998	50.002	50.006	29.51	0.247	0.028354	15785	15.893	54.93
13.6727	2.99921	49.998	50.006	50.002	29.56	0.247	0.021	15785	15.28	58.717
13.6787	3.00235	50.002	49.991	50.002	29.26	0.24	0.013723	15785	14.646	62.913
13.6514	3.00203	50.002	49.998	50.004	28.95	0.247	0.015246	15785	12.201	65.338
13.6601	3.00017	49.997	49.995	49.998	27.33	0.241	0.028793	15785	10.589	66.031
13.6651	3.00395	50.001	49.997	50	25.75	0.241	0.031987	15785	7.646	73.735
13.6885	3.00161	49.998	50.003	50.007	24.5	0.247	0.023691	15785	5.486	84.404
13.6606	3.00249	50	49.998	49.998	24.77	0.245	0.026319	15785	5.385	85.592
13.658	2.9921	49.999	49.998	50.001	25.09	0.25	0.049706	15785	5.567	86.945
13.6765	2.99703	50.002	50	50.003	24.96	0.246	0.012738	15785	5.194	87.923
13.6982	3.01257	49.996	49.995	49.999	24.83	0.244	0.014152	15785	4.699	87.924
13.6477	2.99661	49.998	49.995	49.997	24.66	0.238	0.010481	15785	4.881	88.326
13.6619	2.99727	49.998	50	50.006	24.58	0.245	0.033651	15785	4.82	90.521
13.6745	2.99944	49.998	50	49.996	24.77	0.245	0.01466	15785	4.961	93.437
13.6295	2.9918	50.007	50.007	50.001	25.1	0.236	0.016287	15785	5.143	93.754
13.6566	3.00204	49.996	49.998	49.998	25.09	0.244	0.007096	15785	5.163	92.953
13.6839	3.00892	50.003	50.004	49.999	24.37	0.247	0.013401	15785	5.85	89.055
13.666	3.00203	50.001	50.002	50	24.04	0.251	0.008757	15785	6.768	86.383
13.6746	2.99948	49.997	50.001	50.001	25.63	0.24	0.018744	15785	8.009	84.237
13.6848	3.00648	49.997	49.996	50	26.47	0.235	0.004239	15785	8.836	80.896
13.6432	2.99535	50	49.996	49.997	27.24	0.243	0.044571	15785	8.574	81.462
13.6592	3.00076	50.004	49.999	50.001	27.2	0.24	0.010079	15785	8.836	80.362
13.6652	2.99487	50.004	50	50.002	27.31	0.243	0.032359	15785	8.997	80.591
13.6769	3.00409	50.001	50.002	49.995	26.46	0.233	0.021146	15785	8.674	82.642
13.6668	3.00275	50.002	49.993	50.001	24.83	0.243	0.009213	15785	7.989	87.77
13.6693	2.99626	50.008	50.002	50.004	23.61	0.247	0.029578	15785	7.505	91.133

13.6611	2.9979	50.001	49.994	49.997	24.27	0.248	0.021907	15785	7.041	93.732
13.6654	3.00338	50	50.002	50.003	23.82	0.24	0.070334	15785	7.02	94.515
13.6573	2.99427	50.005	50.005	50	23.58	0.243	0.010603	15785	7.605	95.089
13.7073	3.00207	49.996	49.997	49.995	23.51	0.246	0.034041	15785	8.513	92.664
13.6598	2.99606	49.997	49.996	50.002	23.31	0.244	0.014831	15785	8.342	93.368
13.6903	2.99636	49.997	49.999	49.996	23.66	0.24	0.028009	15785	8.432	93.308
13.674	3.00185	49.999	49.994	50.005	23.66	0.234	0.010767	15785	8.049	93.648
13.666	2.99173	50.007	50.002	49.997	23.69	0.235	0.007036	15785	7.595	95.003
13.6719	3.00031	49.998	49.999	49.998	23.75	0.241	0.043524	15785	7.767	95.136
13.6649	3.00077	49.999	50.002	50.004	24.29	0.239	0.0822	15785	9.138	95.132
13.6529	2.99658	50	50.001	49.999	23.72	0.244	0.021066	15785	7.565	94.416
13.6896	2.9965	49.997	49.997	49.995	24.32	0.242	0.023403	15785	7.545	95.707
13.6754	3.00223	49.998	50.006	50.002	24.4	0.244	0.029466	15785	7.918	96.196
13.6762	2.99948	49.999	50.001	50.003	25.09	0.234	0.032734	15785	8.513	96.12
13.6348	2.99302	50.001	50.002	49.999	26.48	0.232	0.021392	15785	8.594	95.999
13.697	3.00646	50	50.002	49.999	28.45	0.235	0.026934	15785	9.783	93.264
13.6744	2.99788	50.002	50.006	49.999	28.43	0.242	0.010354	15785	10.489	89.79
13.7003	3.00622	50	50.002	50.004	28.44	0.235	0.019554	15785	11.979	84.745
13.6961	3.00506	50.004	50.003	49.999	29.98	0.235	0.007517	15785	12.966	81.969
13.6841	3.00386	50.002	49.996	49.998	29.91	0.233	0.014196	15785	13.489	79.47
13.6703	3.00477	50.001	49.997	49.998	28.88	0.237	0.045578	15785	14.425	74.84
13.6532	2.9953	50.002	50.001	50.003	28.53	0.24	0.050634	15785	14.978	70.547
13.6927	3.00744	50.001	49.999	49.996	28.94	0.244	0.033089	15785	13.53	73.1
13.6623	2.99874	49.997	49.997	49.993	29.38	0.24	0.03676	15785	10.751	77.391
13.6752	3.00145	49.998	49.998	50.002	26.25	0.247	0.014131	15785	8.362	81.83
13.695	3.0054	50.003	49.991	49.994	24.37	0.24	0.026688	15785	7.626	83.631
13.6712	3.00216	50	50.002	50.006	23.45	0.238	0.033602	15785	7.404	85.347
13.6808	3.00712	50.003	49.996	49.997	24.51	0.253	0.012917	15785	6.899	89.08
13.6896	3.00523	50	49.997	49.996	24.76	0.247	0.01435	15785	7.303	90.867
13.6876	3.00422	49.999	50.006	50.004	24.53	0.242	0.030715	15785	7.353	91.742
13.6885	3.0057	50	49.999	49.998	24.41	0.254	0.034122	15785	7.202	92.809
13.6431	2.99318	50.002	50	50.005	23.72	0.242	0.022299	15785	7.474	94.183
13.691	3.0076	49.998	50.002	49.998	23.72	0.24	0.014572	15785	8.1	95.718
13.6843	3.00194	50	49.999	50	23.76	0.243	0.006349	15785	8.332	95.289
13.6897	3.00484	49.995	50.001	50.004	23.73	0.247	0.007053	15785	9.098	95.126
13.6809	3.00265	50	49.996	49.999	24.3	0.238	0.022644	15785	9.471	95.437

13.6639	2.99604	50	50.007	49.993	25.09	0.231	0.025156	15785	11.013	94.17
13.6485	2.99998	49.994	50.01	50.008	26.74	0.237	0.00967	15785	12.483	93.615
13.6973	3.00205	49.998	50	49.997	28.26	0.239	0.031048	15785	15.723	92.676
13.6736	3.00224	50.003	49.997	50.004	29.49	0.233	0.007021	15785	17.341	89.904
13.6981	3.01115	50.002	50.004	50.001	28.7	0.228	0.007799	15785	18.396	86.686
13.6528	2.99706	49.999	50.002	49.997	28.28	0.233	0.01473	15785	20.885	83.646
13.6527	2.99404	49.999	49.999	49.997	27.85	0.23	0.016364	15785	21.357	79.528
13.6799	3.00587	49.999	49.999	50.001	28.94	0.23	0.010694	15785	19.079	88.51
13.6753	3.00138	50.001	50.007	50	27.79	0.239	0.02289	15785	22.21	79.944
13.6539	2.99581	50	49.998	49.997	27.93	0.241	0.025429	15785	22.099	76.249
13.6985	3.00668	49.999	50.008	50.004	28.99	0.229	0.016618	15785	19.982	84.571
13.6342	2.99	49.998	49.998	50.005	28.58	0.231	0.035569	15785	21.548	73.715
13.6628	2.99486	50.006	49.996	49.997	28.26	0.231	0.023244	15785	21.247	76.638
13.6648	2.99989	50.003	49.998	50	29.82	0.235	0.01519	15785	17.904	83.03
13.6738	2.99624	49.998	49.999	50.003	28.53	0.234	0.019125	15785	13.983	79.322
13.67	2.99779	49.997	49.999	49.997	25.71	0.238	0.012498	15785	10.811	75.873
13.6626	2.99647	49.997	50	50.001	24.39	0.242	0.023604	15785	8.594	72.523
13.6804	2.99919	49.997	49.999	50	25.07	0.25	0.017482	15785	7.152	76.73
13.6806	3.00423	49.999	49.998	50	25.63	0.25	0.022011	15785	5.87	79.894
13.6599	3.00153	50	49.999	49.995	25.09	0.245	0.014384	15785	4.557	84.709
13.6797	3.0018	50.002	49.999	49.997	24.97	0.251	0.01811	15785	3.8	83.52
13.6832	3.00079	49.998	49.999	50	26.02	0.255	0.006962	15785	3.749	85.127
13.6913	3.00589	49.994	49.995	50.001	25.98	0.239	0.025332	15785	4.426	85.447
13.664	2.99404	50.006	50.001	50	25.21	0.246	0.028142	15785	4.315	82.781
13.6755	3.00263	50.004	49.996	50.001	23.71	0.252	0.018391	15785	5.365	79.226
13.6753	3.00134	50.001	49.999	49.999	25.09	0.242	0.023155	15785	7.182	72.634
13.6592	2.99804	49.994	49.997	50	28.63	0.239	0.008901	15785	9.521	67.353
13.6646	2.99847	49.998	49.997	49.999	28.37	0.231	0.006592	15785	11.083	60.741
13.7125	3.00797	49.995	50.001	50.001	29.22	0.239	0.021166	15785	12.483	60.622
13.6686	2.9962	50.002	50.001	50.003	28.85	0.238	0.013832	15785	14.737	57.084
13.6461	2.99911	50.003	50.005	49.996	28.88	0.246	0.026123	15785	16.587	40.573
13.6927	3.00725	49.997	50	49.999	28.56	0.237	0.049335	15785	17.351	40.821
13.6751	3.00369	50	50.001	49.998	29.23	0.237	0.03224	15785	12.543	42.252
13.6866	3.00211	49.997	50	50.001	28.24	0.247	0.021069	15785	10.287	41.384
13.6544	2.99794	49.999	50.003	49.997	27.2	0.24	0.008099	15785	9.985	48.127
13.6684	2.99589	50.004	50	50	25.89	0.236	0.010197	15785	8.13	58.713

13.6734	2.99707	49.999	49.997	49.999	24.9	0.244	0.019259	15785	6.919	67.745
13.6639	2.99986	50.001	50.003	49.999	24.5	0.244	0.012585	15785	5.305	74.001
13.6677	2.99648	50.005	49.998	50.005	25.09	0.258	0.009321	15785	3.547	82.374
13.6545	2.99346	50.005	50	50.003	25.32	0.252	0.019951	15785	2.456	83.864
13.6656	3.00182	50	49.999	50	25.09	0.257	0.022165	15785	2.183	83.773
13.6751	3.00078	50.002	50.001	50	25.14	0.249	0.027907	15785	1.061	86.229
13.7086	3.00955	50.004	50.001	50.001	25.88	0.251	0.018237	15785	1.182	87.217
13.6567	2.99399	49.997	49.999	50.003	25.64	0.261	0.013507	15785	1.364	86.302
13.6653	2.99693	49.996	50.001	50.003	25.78	0.262	0.025509	15785	0.636	91.157
13.6729	2.99807	50.002	50.005	49.999	25.78	0.262	0.011113	15785	-0.011	90.675
13.6743	3.00368	50	49.996	49.998	25.76	0.246	0.012346	15785	0.201	89.189
13.66	2.9977	49.999	50	50	25.13	0.258	0.009144	15785	0.798	89.516
13.7025	3.00256	50.004	50.002	50.002	25.35	0.255	0.019572	15785	5.315	79.312
13.6766	3.00337	50.003	50.002	50	28.1	0.237	0.004426	15785	7.989	71.671
13.6999	3.00679	50.001	50.007	50	28.15	0.239	0.024155	15785	10.72	60.742
13.6645	2.99979	49.999	50.001	50.014	28.21	0.24	0.010524	15785	11.838	49.857
13.6519	2.99165	50	49.998	49.996	28.39	0.243	0.019875	15785	13.147	43.387
13.6602	2.99391	50.003	50	50.002	28.39	0.238	0.037536	15785	14.687	37.651
13.6705	2.99712	50.001	49.999	50.005	28.53	0.244	0.02453	15785	15.451	34.155
13.6362	2.98681	50.001	50.001	50.001	28.18	0.236	0.027251	15785	16.698	30.276
13.6858	3.00325	50	50.005	50.004	28.53	0.238	0.010476	15785	16.838	28.051
13.6581	2.99261	49.997	50	49.999	28.53	0.228	0.022422	15785	17.341	28.653
13.6833	3.00071	50	49.998	49.994	28.78	0.229	0.02491	15785	16.688	27.616
13.6793	3.00261	50.001	50.002	50.005	29.53	0.248	0.016278	15785	14.616	32.681
13.67	3.00539	50	50.005	50.003	29.29	0.242	0.012056	15785	12.926	35.134
13.6642	3.0014	50.003	49.997	50.002	27.16	0.252	0.022769	15785	11.405	42.671
13.6609	2.9993	49.997	50	49.999	25.34	0.236	0.025295	15785	9.672	47.402
13.658	3.00086	49.999	50.001	50.003	24.19	0.236	0.01102	15785	8.836	51.23
13.675	2.99806	49.998	50	50.002	24.47	0.255	0.020813	15785	7.868	56.637
13.6517	2.99743	49.999	50.002	49.999	24.24	0.256	0.015415	15785	7.706	58.931
13.6861	2.99804	50.001	50.003	50.007	24.42	0.244	0.019408	15785	7.162	62.542
13.7148	3.01242	49.994	50.001	49.998	24.46	0.247	0.021561	15785	7.061	62.634
13.6519	2.9967	50.001	49.998	49.997	24.39	0.255	0.027147	15785	5.042	78.791
13.6573	2.9944	50.005	50	50	25.04	0.241	0.006139	15785	4.295	79.591
13.6425	2.99549	50.004	49.995	50.001	24.76	0.251	0.013139	15785	4.194	79.76
13.6767	2.99884	50	49.998	49.997	24.68	0.246	0.008586	15785	4.275	81.395

13.6559	2.998	49.998	50	50.002	25.11	0.244	0.006359	15785	8.543	70.511
13.6812	3.00299	50.004	50.005	50	28.48	0.236	0.020417	15785	12.926	54.17
13.6809	3.00097	49.994	49.998	50.007	29.2	0.239	0.007849	15785	14.013	44.162
13.6586	2.99897	50.002	49.996	49.995	28.5	0.247	0.016799	15785	16.446	36.586
13.7097	3.00536	49.996	50	50.003	28.19	0.235	0.018663	15785	18.577	35.505
13.633	2.99321	50.009	49.997	49.997	28.34	0.235	0.020733	15785	19.008	35.204
13.6667	3.00208	50.006	50.001	50.002	28.74	0.244	0.026105	15785	18.255	35.133
13.6696	3.00382	50	50.001	50.001	28.66	0.229	0.017059	15785	18.074	39.502
13.6614	2.99958	49.995	50.001	49.995	29.76	0.239	0.012635	15785	17.2	40.573
13.6752	2.99871	49.996	50	50	29.19	0.231	0.023862	15785	17.049	43.415
13.6693	3.00455	49.993	49.992	49.999	29.5	0.242	0.026509	15785	16.165	44.319
13.7084	3.00791	49.999	49.998	49.998	30.22	0.232	0.033377	15785	15.602	48.313
13.6763	2.99861	50	50.003	49.995	29.91	0.235	0.01283	15785	14.516	53.085
13.6686	3.00018	50.001	50.002	50.002	29.6	0.236	0.027462	15785	14.667	53.108
13.6621	3.00233	49.998	50.003	50.003	29.41	0.237	0.010557	15785	15.361	47.839
13.6782	3.00106	49.998	49.999	50.005	29.75	0.239	0.013292	15785	15.763	45.304
13.6541	2.99345	50.004	49.997	49.997	29.52	0.235	0.025103	15785	15.883	44.964
13.6586	2.99902	49.997	49.999	49.999	29.37	0.248	0.031606	15785	16.105	43.534
13.6603	2.99575	49.998	49.996	50	28.98	0.241	0.020654	15785	14.858	49.976
13.6963	3.00557	49.996	50.006	50	28.56	0.241	0.022946	15785	15.572	50.508
13.6749	3.00005	50	49.998	50.001	28.54	0.238	0.016994	15785	15.159	55.371
13.6735	3.00179	50.001	49.998	50.003	27.21	0.251	0.01888	15785	13.61	76.088
13.6652	2.99937	50.004	50.001	50.001	26.33	0.248	0.035656	15785	12.06	91.618
13.6632	2.99851	50	50.001	49.997	26.39	0.233	0.039612	15785	11.768	94.205
13.6595	2.99281	49.998	49.998	50.003	27.39	0.239	0.017257	15785	13.469	90.068
13.7152	3.00689	50.003	50.008	50.001	27.9	0.239	0.011278	15785	13.51	87.658
13.6543	2.99601	49.998	49.999	49.999	28.53	0.243	0.021299	15785	13.902	83.113
13.6518	2.98997	50.003	49.999	49.999	27.96	0.237	0.013919	15785	15.471	64.343
13.657	3.00223	50.002	50	50.004	27.85	0.23	0.015463	15785	17.17	47.367
13.653	2.99431	49.999	49.998	49.997	27.84	0.246	0.019469	15785	17.612	39.02
13.6744	3.00486	50.007	50.002	50.006	27.9	0.231	0.062508	15785	18.165	33.927
13.6574	3.00372	50.003	49.999	50.006	27.95	0.247	0.014134	15785	17.441	36.109
13.6858	3.00288	50.006	49.998	50.005	28.58	0.227	0.04538	15785	18.014	32.744
13.6569	2.99475	49.999	50.002	50.002	28.5	0.232	0.017445	15785	17.421	32.726
13.6954	3.00349	50.001	50.001	50.001	28.79	0.235	0.01292	15785	17.311	35.35
13.6691	2.9981	49.997	50.002	50	29.93	0.24	0.024401	15785	14.667	42.979

13.6957	3.00674	50	49.999	49.996	29.1	0.241	0.027108	15785	11.758	51.937
13.6765	3.00078	49.997	49.999	49.999	27.17	0.253	0.020077	15785	9.864	60.258
13.6892	3.00577	50.001	49.999	50	25.71	0.239	0.01312	15785	9.36	58.994
13.6792	2.99883	49.999	50	50.001	24.4	0.256	0.009717	15785	8.311	62.198
13.6359	2.99265	50.003	49.996	49.998	23.65	0.248	0.010795	15785	7.646	60.072
13.6856	3.00507	50	50.005	50.002	24.39	0.245	0.007055	15785	7.888	53.984
13.7009	3.00328	49.996	50.005	49.999	24.93	0.239	0.0151	15785	6.566	59.212
13.6398	2.99635	50.001	49.996	49.998	24.4	0.239	0.016775	15785	4.618	70.025
13.6614	3.00214	50.004	49.996	50.001	24.46	0.246	0.021121	15785	5.638	63.67
13.6608	2.9933	49.996	50	50.003	24.63	0.247	0.008119	15785	3.386	77.26
13.656	2.99676	49.998	49.996	49.999	25.05	0.244	0.010222	15785	3.618	77.457
13.6883	3.00682	50	50	50.001	25.01	0.243	0.019306	15785	3.133	81.298
13.6645	2.99969	49.999	49.999	50.004	24.52	0.244	0.014299	15785	4.82	81.827
13.6928	3.00253	50.003	49.997	49.999	27.8	0.242	0.009344	15785	11.003	61.305
13.6708	3.00136	49.996	49.991	50.001	27.9	0.233	0.03	15785	14.556	36.769
13.6474	2.99448	49.996	49.998	50.003	27.95	0.242	0.011532	15785	16.758	33.045
13.7011	3.00691	50.001	49.998	49.998	28.08	0.242	0.01452	15785	17.11	23.527
13.6517	3.0011	50.003	49.997	50	27.84	0.234	0.079251	15785	18.787	21.399
13.6756	3.00491	49.998	49.995	50.003	27.84	0.226	0.015812	15785	18.898	19.141
13.6563	2.99237	50.006	49.998	50.007	27.88	0.224	0.029863	15785	20.203	19.585
13.6867	3.0054	50.001	50.002	49.998	27.99	0.23	0.022117	15785	20.153	22.395
13.6733	3.00316	50.004	50.007	50.002	28.2	0.236	0.024571	15785	21.146	20.596
13.6921	3.00971	50.004	50.001	49.997	28.5	0.24	0.027297	15785	19.41	21.219
13.6617	2.99367	49.996	50	50	28.78	0.241	0.017838	15785	17.07	27.365
13.6604	2.99506	49.995	49.997	49.998	29.86	0.245	0.019817	15785	14.918	31.095
13.6692	3.00199	50.001	50.001	49.997	28.75	0.238	0.042418	15785	12.946	43.878
13.6996	3.00245	49.998	50.005	50.001	27.3	0.239	0.047124	15785	10.821	45.377
13.6701	2.99566	50.003	49.996	50.002	25.86	0.241	0.018115	15785	10.872	41.19
13.6555	2.9971	49.997	49.999	50	24.86	0.245	0.020124	15785	9.108	40.575
13.6727	3.00289	49.999	50.01	50.006	24.4	0.255	0.025338	15785	7.969	44.466
13.679	3.00545	49.993	50.003	49.996	24.93	0.257	0.028149	15785	6.94	48.104
13.6728	3.00245	49.994	49.999	50.002	25.07	0.247	0.020848	15785	6.112	50.373
13.6683	3.00591	50.004	49.997	50.006	25.09	0.244	0.026249	15785	5.082	56.068
13.6459	2.98811	50	49.999	49.998	25.08	0.259	0.049574	15785	4.386	57.205
13.6645	3.00206	50.001	50.001	50.003	25	0.243	0.021598	15785	4.194	57.863
13.7078	3.00856	49.992	50.001	49.999	24.4	0.24	0.040789	15785	5.688	57.031

13.6914	3.00616	49.997	50.004	50.006	25.74	0.243	0.01777	15785	9.32	46.421
13.6362	2.99581	49.996	50.004	49.997	27.1	0.244	0.011613	15785	10.408	46.369
13.6773	3.00237	50.001	49.997	49.991	29.16	0.238	0.024856	15785	13.248	41.552
13.7001	3.00824	50.001	49.994	50	28.51	0.236	0.016244	15785	16.326	31.25
13.683	3.00078	50.004	50.003	49.999	27.88	0.236	0.010615	15785	18.185	30.747
13.6719	2.99979	50	50	50.004	27.92	0.234	0.020048	15785	18.978	27.936
13.67	3.00362	50.004	49.998	50	27.83	0.233	0.04291	15785	19.912	25.945
13.6947	3.00328	50.004	50.002	49.999	27.85	0.236	0.047671	15785	20.424	25.983
13.6972	3.0045	50	50.006	50.001	27.98	0.244	0.060021	15785	20.564	23.437
13.6493	2.99581	49.998	49.998	49.998	27.96	0.236	0.023073	15785	20.695	22.394
13.6858	3.00971	50.003	50.003	50.003	28.6	0.246	0.074077	15785	18.376	30.102
13.6547	2.99347	50.001	50	50.002	29.92	0.249	0.048409	15785	16.396	35.874
13.6841	3.00148	50.001	50.004	49.992	29.87	0.233	0.02109	15785	14.797	39.39
13.6524	3.00092	50.001	49.999	49.998	28.24	0.242	0.013782	15785	13.399	43.287
13.6485	2.9942	50	49.999	49.999	27.84	0.252	0.026029	15785	13.147	45.437
13.6792	3.00056	50.001	50.004	50.003	27.76	0.24	0.01701	15785	12.906	46.266
13.692	3.00755	50.003	50.002	50.003	27.29	0.242	0.011116	15785	12.825	43.22
13.6447	3.00078	49.998	49.999	49.997	27.27	0.235	0.012349	15785	13.006	37.648
13.6649	2.99813	50	50.006	49.999	27.13	0.233	0.013719	15785	12.483	40.522
13.6524	2.99676	49.999	50.004	50.006	27.03	0.253	0.008965	15785	12.161	44.458
13.6628	2.99695	50.001	50.002	49.999	26.47	0.247	0.048934	15785	10.811	69.494
13.6578	3.00027	49.999	50.002	49.999	25.8	0.244	0.021319	15785	9.793	72.155
13.7138	3.00664	50.003	49.999	50.006	25.09	0.241	0.015789	15785	8.755	73.778
13.6708	3.00127	49.997	49.998	50	24.5	0.245	0.017541	15785	8.553	78.699
13.6445	2.99115	49.998	49.998	49.995	24.5	0.247	0.012991	15785	8.866	82.686
13.6635	3.00396	50.002	50.004	50.007	25.26	0.254	0.024535	15785	9.179	84.136
13.6447	2.99584	49.996	50.002	50.002	27.13	0.24	0.018172	15785	10.569	80.154
13.6867	3.0024	49.991	50.007	49.996	28.53	0.231	0.020188	15785	12.624	74.687
13.6859	2.99998	49.999	49.992	50.003	27.97	0.237	0.022427	15785	15.441	66.13
13.6742	3.00329	49.999	49.999	50	27.86	0.239	0.024915	15785	17.26	59.886
13.6743	3.0033	49.997	50.002	50.001	27.83	0.227	0.016282	15785	18.566	53.742
13.6656	2.99977	50.002	49.999	50.001	27.73	0.229	0.0205	15785	20.815	44.602
13.7068	3.00811	50.003	50.003	49.999	27.85	0.232	0.022775	15785	21.146	43.984
13.67	3.00183	50	49.996	50.005	28.06	0.228	0.043012	15785	21.297	40.813
13.6905	2.99893	49.999	50.007	50.003	28.03	0.233	0.011023	15785	21.227	40.606
13.6525	2.9976	49.996	49.996	50.002	28.53	0.232	0.020818	15785	20.494	41.727

13.6889	3.00529	49.996	50	49.998	29.65	0.248	0.039317	15785	16.979	51.726
13.6972	3.01259	50.003	50	49.999	30.15	0.23	0.029119	15785	15.511	56.961
13.6932	3.00333	50.001	49.992	49.999	29.92	0.24	0.032349	15785	13.228	66.023
13.6542	2.99582	50	50	50.002	28.82	0.235	0.023959	15785	11.909	74.648
13.68	2.99685	50.003	50.002	49.995	28	0.254	0.045249	15785	11.144	78.936
13.6578	2.99827	50.001	50.006	50.003	26.93	0.237	0.019713	15785	9.803	85.174
13.6467	2.99011	50.001	49.995	50	26.29	0.237	0.0219	15785	9.3	85.617
13.7072	3.01359	49.997	50	50.002	25.79	0.25	0.027574	15785	9.179	89.056
13.6371	2.9817	50.004	50.002	49.997	25.36	0.253	0.018019	15785	8.463	91.754
13.6611	2.9973	50.004	50	50	24.75	0.235	0.022688	15785	7.484	93.936
13.6621	3.00165	49.998	50.006	49.996	24.27	0.245	0.025205	15785	7.101	94.537
13.6555	2.99541	49.996	50	50.004	24.63	0.245	0.031735	15785	7.666	93.86
13.6664	2.99913	50	50.002	49.998	27.99	0.247	0.020738	15785	12.805	83.592
13.7124	3.01021	50.001	49.999	50.005	27.88	0.233	0.039167	15785	17.029	67.848
13.6479	2.99661	49.999	50.002	50.002	27.42	0.241	0.017063	15785	21.247	54.712
13.67	3.0017	50.002	49.996	50.005	27.5	0.232	0.032226	15785	23.854	42.563
13.6767	3.00023	49.996	50	50.001	27.53	0.23	0.040575	15785	25.577	34.642
13.6695	2.99848	50	50.002	50.003	27.84	0.231	0.026515	15785	26.148	32.835
13.6679	2.99324	50.004	49.997	49.999	27.84	0.228	0.033385	15785	24.205	37.521
13.6549	2.99661	49.999	49.995	50.003	27.84	0.224	0.037088	15785	25.637	32.297
13.6936	3.00491	50.005	49.998	50	27.85	0.228	0.016158	15785	24.736	32.606
13.6574	2.99875	49.999	50.004	50	27.85	0.235	0.030516	15785	24.996	35.076
13.6721	2.9985	50.004	49.997	49.999	27.99	0.223	0.097976	15785	24.936	35.73
13.6876	3.00735	50.003	50.002	50.002	28.23	0.229	0.025109	15785	23.713	37.541
13.6628	3.00122	50	49.997	50.001	28.53	0.23	0.027894	15785	19.902	46.674
13.6766	2.99879	50.004	49.997	49.999	29.06	0.245	0.030989	15785	17.883	50.784
13.6668	3.00273	49.997	50.001	50	29.24	0.246	0.034427	15785	15.924	58.876
13.6816	3.00361	50.003	49.999	50.002	29.91	0.235	0.110531	15785	15.421	62.55
13.6988	3.00283	50.002	50.002	50.003	29.22	0.247	0.081863	15785	14.747	66.683
13.6696	2.9977	49.997	49.999	50.006	29.86	0.233	0.090945	15785	14.918	67.19
13.6644	3.00299	50	49.997	50.002	30.03	0.235	0.067356	15785	14.073	69.968
13.6974	3.00731	50.002	50.002	49.999	29.91	0.247	0.025892	15785	13.399	74.739
13.676	2.99711	50.001	50.008	50.005	29.41	0.247	0.0326	15785	13.208	74.7
13.6408	2.99773	50.002	49.998	50.005	28.97	0.238	0.012532	15785	12.221	80.02
13.6774	3.00043	49.997	50.001	49.997	28.52	0.252	0.026823	15785	11.395	84.225
13.6752	3.00236	50.002	49.999	50.001	28.58	0.243	0.017529	15785	11.949	86.906

13.6804	3.00239	50.003	50	50.001	28.14	0.232	0.033105	15785	14.797	74.915
13.6821	3.00669	50	50.003	49.997	27.59	0.246	0.024519	15785	19.621	61.387
13.6421	2.99766	50.001	50.004	50.002	27.81	0.231	0.024034	15785	19.942	60.605
13.6683	3.00323	49.997	49.997	50	27.58	0.239	0.030261	15785	22.009	46.737
13.6776	2.9996	50	50.001	50.001	27.82	0.236	0.033618	15785	20.905	43.132
13.6803	2.99853	50.001	49.995	49.994	27.83	0.241	0.008615	15785	21.528	40.57
13.6642	2.9958	49.997	49.998	50.001	27.8	0.235	0.047023	15785	22.51	39.292
13.6396	2.99445	50.003	50	49.997	27.31	0.228	0.034827	15785	23.864	38.172
13.6543	2.99832	49.998	49.999	50.003	27.79	0.229	0.043849	15785	24.024	37.71
13.6807	2.99731	50.002	49.997	50.014	28.17	0.23	0.028655	15785	22.31	40.351
13.6702	3.00353	49.999	50.003	49.996	28.04	0.227	0.061334	15785	19.751	43.1
13.6779	3.0024	50	50.002	50	29.22	0.236	0.040081	15785	17.21	47.308
13.7016	3.01154	50.002	49.999	49.997	29.9	0.233	0.050465	15785	14.646	48.884
13.6379	2.98938	49.997	49.997	49.999	28.54	0.251	0.056064	15785	12.815	48.741
13.6763	2.998	50.003	49.997	49.992	27.17	0.235	0.036638	15785	11.426	49.926
13.667	2.9968	50.001	50	49.997	25.97	0.235	0.069194	15785	10.307	55.23
13.683	3.01011	50.003	50	49.996	25.08	0.241	0.051247	15785	9.652	59.416
13.6706	3.00068	50.001	50.001	49.998	24.7	0.238	0.03349	15785	10.7	63.305
13.6805	3.00197	50.002	49.995	50.002	25.14	0.235	0.024803	15785	12.261	58.573
13.6758	2.99896	50.001	49.997	50	25.88	0.24	0.016209	15785	12.332	56.367
13.6464	2.99968	50.001	50.003	49.998	26.46	0.239	0.030612	15785	12.282	53.986
13.6424	3.00013	50.001	50.004	49.997	26.47	0.241	0.022672	15785	12.261	53.529
13.6645	2.99704	49.998	50.003	49.998	26.34	0.251	0.042819	15785	10.589	60.343
13.6791	3.00321	50	50.001	50.001	25.77	0.242	0.031713	15785	11.446	58.856
13.6491	2.99426	50.003	49.994	50.004	28.51	0.247	0.059893	15785	13.409	52.625
13.6624	3.00471	50.002	50.002	50.003	28.55	0.23	0.113113	15785	14.546	50.527
13.6846	3.00105	50.002	50	49.999	28.19	0.24	0.017052	15785	16.688	46.699
13.6827	3.00363	50.001	50.002	50.001	27.95	0.232	0.054747	15785	18.938	46.073
13.6731	3.00496	49.996	49.999	50.009	28.26	0.229	0.035777	15785	18.466	45.174
13.6626	3.00039	50	49.997	49.999	28.43	0.225	0.045045	15785	18.416	47.136
13.6797	2.99867	50.002	49.999	49.997	28.54	0.244	0.050043	15785	16.688	60.95
13.6533	2.99725	49.998	49.999	49.995	29.26	0.246	0.019237	15785	14.435	77.45
13.6561	2.99447	50.005	50.001	49.996	28.54	0.23	0.061762	15785	15.28	73.31
13.6456	2.99729	50.005	49.999	50.003	30	0.236	0.015828	15785	14.073	83.883
13.6323	2.9963	49.998	50.001	49.999	28.58	0.231	0.017584	15785	12.241	90.391
13.668	2.99761	50.004	50.001	49.997	27.32	0.236	0.011491	15785	11.697	92.58

13.6582	2.9985	24.62	25.957	32.303	17.63	0.227	0	15785	6.869	42.913
13.6773	3.00189	50.001	50.002	50.004	25.18	0.237	0.028819	15785	7.848	38.103
13.6622	3.00071	50.001	50.001	50.002	26.47	0.244	0.018833	15785	8.735	35.894
13.6504	2.99572	49.997	49.996	49.997	26.47	0.236	0.040311	15785	8.15	37.054
13.6565	2.99856	49.998	50.007	49.997	26.07	0.235	0.026343	15785	9.481	35.202
13.6774	3.00341	50.005	50.001	49.992	27.22	0.236	0.049751	15785	9.259	34.182
13.6611	2.99941	50	50	50.002	26.47	0.235	0.032512	15785	8.412	35.233
13.6824	2.99703	50.001	49.999	50.001	25.47	0.237	0.021247	15785	8.221	36.272
13.6634	3.00182	49.999	49.999	50.001	25.06	0.246	0.013885	15785	5.708	44.225
13.6504	2.99699	50	50.001	50.002	25.11	0.239	0.026222	15785	4.275	47.297
13.6661	3.00332	50.002	50	49.997	26.09	0.243	0.049524	15785	1.121	60.579
13.6893	3.00161	50.001	50.001	49.999	26.45	0.249	0.021576	15785	2.001	52.603
13.7138	3.00877	50.005	49.999	49.997	26.06	0.244	0.0141	15785	0.11	59.466
13.7079	3.00639	50.002	50.003	49.997	26.47	0.236	0.015664	15785	-0.457	62.779
13.671	2.99996	50.003	49.995	49.997	26.45	0.237	0.017402	15785	-0.072	58.656
13.6671	2.99668	50.002	50.004	50	26.42	0.236	0.019332	15785	-1.55	64.494
13.66	2.99643	50	49.995	49.999	26.4	0.245	0.021477	15785	-1.479	63.785
13.6696	3.00038	50.003	50	50.007	26.25	0.248	0.02386	15785	-2.441	67.298
13.6712	3.00186	50.001	50.002	49.999	26.42	0.251	0.03976	15785	-3.454	71.841
13.6628	2.99834	50.002	49.999	50.001	25.51	0.238	0.025983	15785	-1.125	65.34
13.6624	2.99662	49.998	49.998	49.991	25.09	0.25	0.028866	15785	2.577	54.587
13.7013	3.01426	50.004	50.004	50.003	27.78	0.233	0.061784	15785	6.031	41.801
13.658	3.00135	49.999	50.001	49.997	28.33	0.235	0.116686	15785	7.706	33.436
13.672	3.00168	49.998	49.995	49.998	28.87	0.232	0.044855	15785	9.138	28.274
13.68	3.00384	49.997	49.999	49.998	28.57	0.237	0.049832	15785	9.904	24.548
13.6902	3.0097	49.996	50.003	49.999	28.55	0.236	0.05536	15785	10.69	22.45
13.6549	2.9975	49.999	49.995	49.996	28.59	0.238	0.036178	15785	11.506	23.428
13.6734	2.99899	50	50.001	49.999	28.78	0.236	0.015761	15785	12.523	20.284
13.6816	3.00323	50	50.002	49.999	28.79	0.23	0.01545	15785	13.228	20.58
13.6719	3.00402	49.999	49.996	50	28.98	0.243	0.017164	15785	13.51	18.754
13.6572	2.99592	50.002	49.995	50.001	29.9	0.229	0.019068	15785	12.896	19.297
13.6641	2.99992	50.004	50.001	50.002	29.91	0.23	0.012461	15785	11.718	21.666
13.6613	3.00214	49.997	49.998	49.999	27.18	0.239	0.040007	15785	8.271	28.272
13.6506	2.99836	50.001	50.006	50.006	24.4	0.247	0.015379	15785	7.081	30.286
13.6458	2.99678	50	49.995	50.003	25.08	0.24	0.019363	15785	3.85	38.299

13.6789	3.00567	50.001	50.001	49.998	25.1	0.251	0.03657	15785	3.254	51.062
13.6649	2.99771	50.001	50.002	50.001	25.89	0.246	0.023898	15785	1.779	61.132
13.6625	2.99903	49.998	50.004	49.994	25.94	0.242	0.026549	15785	0.535	72.927
13.6573	2.99458	49.997	49.992	49.999	25.83	0.252	0.019663	15785	-0.689	61.211
13.6537	2.99753	49.998	50	50	26.34	0.255	0.037136	15785	-1.661	69.403
13.6802	3.0013	50.011	50.001	50.004	25.89	0.239	0.041256	15785	-2.724	75.027
13.6757	3.00071	50.001	50.001	50	26.47	0.244	0.015859	15785	-2.319	74.166
13.6665	3.00008	49.998	49.998	50	25.93	0.245	0.050918	15785	-2.501	85.254
13.6895	3.01	49.998	49.996	50.002	25.24	0.246	0.033275	15785	-0.669	84.787
13.6894	3.00333	50.004	50.003	50.006	25.04	0.248	0.036966	15785	3.931	62.879
13.6976	3.00027	49.999	50.002	49.999	28.24	0.237	0.027378	15785	9.068	38.394
13.6854	2.99999	50.005	49.996	50	28.73	0.233	0.045623	15785	11.979	31.254
13.6721	3.00082	49.997	50.001	50.002	28.69	0.239	0.03379	15785	14.113	28.326
13.6493	2.99949	50.007	50.003	50	28.28	0.233	0.063816	15785	15.753	24.434
13.6878	3.00445	50.003	50.004	50.003	28.48	0.235	0.062555	15785	16.145	27.611
13.6489	2.99539	50	49.999	50.003	28.02	0.242	0.024047	15785	16.828	23.077
13.6648	3.00305	49.996	50.004	50.001	28.68	0.229	0.05147	15785	16.085	28.097
13.6632	2.99782	49.999	49.997	49.997	29.07	0.23	0.097206	15785	16.296	27.024
13.6729	2.99592	49.996	49.998	49.996	29.53	0.227	0.037367	15785	16.024	27.003
13.6915	3.00532	49.996	50.005	49.998	29.91	0.234	0.135968	15785	15.22	26.942
13.7145	3.00758	50.002	50.005	49.993	29.22	0.246	0.052267	15785	14.023	32.186
13.6598	2.99542	50.001	50.003	49.995	27.98	0.236	0.034156	15785	12.362	42.909
13.6827	2.99729	50	50	50	24.84	0.25	0.037946	15785	6.445	69.474
13.673	3.00232	50.004	50.001	49.999	26.33	0.241	0.028104	15785	5.082	83.221
13.6788	3.00489	49.998	49.993	50.002	25.17	0.251	0.053077	15785	7.827	68.64
13.7194	3.00693	49.999	49.999	50.003	25.28	0.252	0.012002	15785	5.476	85.202
13.669	3.00323	50	49.996	50.002	25.1	0.25	0.038533	15785	4.83	89.621
13.649	2.9948	50.004	50.008	49.999	25.32	0.249	0.016788	15785	4.608	89.564
13.6603	2.9975	49.997	50.001	49.998	25.33	0.242	0.031705	15785	5.204	87.79
13.6999	3.01008	50.003	49.996	50	25.35	0.24	0.059878	15785	5.325	88.878
13.682	3.00608	50.002	50	50	25.09	0.242	0.015345	15785	5.426	90.851
13.6846	3.00736	49.996	49.997	50.002	25.1	0.244	0.010028	15785	5.628	89.87
13.6642	2.99743	49.997	50.001	50.003	25.76	0.235	0.021464	15785	5.587	90.054
13.6494	2.99162	50	49.997	50.003	25.15	0.236	0.040537	15785	5.385	94.006
13.6992	3.00929	33.324	37.18	49.927	25.44	0.237	0	15785	13.55	44.174

13.6844	3.00102	50.002	50.001	49.998	27.93	0.235	0.060209	15785	15.421	40.018
13.6566	2.99497	49.999	49.998	49.966	27.31	0.232	0	15785	16.477	37.665
13.6611	2.99635	50.001	49.998	50.01	28.48	0.233	0.02676	15785	16.899	34.767
13.6897	3.0036	49.998	50.003	49.998	28.53	0.227	0.073372	15785	17.19	34.317
13.6806	3.00024	49.996	49.998	49.996	28.72	0.241	0.028205	15785	16.416	35.705
13.6887	3.00594	49.998	49.997	49.999	29.35	0.228	0.031334	15785	12.926	50.868
13.6462	2.99435	50.001	50.003	49.998	28.99	0.249	0.023207	15785	10.197	57.929
13.6636	2.99721	49.999	49.998	50.006	25.48	0.232	0.015166	15785	8.049	64.614
13.6591	2.99862	50.003	50.007	50	24.83	0.238	0.028642	15785	7.02	68.114
13.6668	2.99425	50	49.997	49.997	25.05	0.236	0.018717	15785	6.132	70.707
13.6558	3.00028	49.993	50	50.003	24.62	0.24	0.023566	15785	4.618	83.483
13.6875	3.00424	50.002	49.996	49.998	25.08	0.239	0.044507	15785	3.042	88.033
13.665	2.99582	49.996	50.002	49.995	25.14	0.235	0.029085	15785	2.294	87.781
13.671	2.99719	49.996	49.999	49.998	25.4	0.245	0.032312	15785	2.001	92.079
13.6837	3.00459	49.999	50.007	50.005	25.78	0.238	0.008281	15785	0.656	89.56
13.6563	2.99284	50.002	49.997	49.999	25.68	0.239	0.015639	15785	0.282	91.574
13.6862	3.00476	50.004	50	49.991	25.66	0.244	0.050211	15785	-0.113	92.213
13.7017	3.00782	50.003	50	49.999	24.57	0.243	0.021875	15785	4.012	85.462
13.64	2.99413	50	49.999	50.003	27.9	0.238	0.024302	15785	6.718	72.619
13.6877	3.0018	49.997	49.999	49.998	28.12	0.238	0.052016	15785	8.614	66.176
13.6688	2.99907	49.999	50.004	49.999	27.86	0.235	0.029993	15785	10.922	53.037
13.6474	3.00086	50.001	49.997	49.999	27.83	0.247	0.105691	15785	13.952	47.693
13.6583	3.00133	49.998	49.998	49.994	27.9	0.235	0.040628	15785	15.572	43.893
13.6591	2.99744	49.998	49.997	50.003	27.95	0.231	0.051154	15785	16.497	41.223
13.6476	2.99052	50.003	50.006	50.001	28.04	0.238	0.019664	15785	18.125	36.853
13.6635	3.00396	50.001	49.998	50.003	28.06	0.229	0.063134	15785	19.279	37.103
13.7063	3.00776	50.001	50	49.995	28.32	0.242	0.027505	15785	19.5	29.915
13.6777	2.99579	50.003	49.998	49.998	28.52	0.242	0.010573	15785	18.386	34.701
13.6719	2.99966	49.999	50	50.001	29	0.234	0.033947	15785	17.2	41.3
13.6916	3.00525	50	50.009	49.998	29.3	0.243	0.064112	15785	12.05	54.557
13.6688	2.9931	50.004	50.002	49.998	26.62	0.231	0.047483	15785	10.005	60.683
13.6577	2.99827	49.999	49.996	49.995	24.84	0.239	0.052751	15785	8.896	64.705
13.6762	3.00157	50.004	49.998	50.001	23.7	0.247	0.039069	15785	7.706	69.127
13.6502	2.99505	50.001	50.005	50.01	24.58	0.231	0.008834	15785	6.405	72.583
13.6723	2.99988	49.997	50.001	50.003	24.91	0.233	0.028364	15785	5.163	77.865
13.6485	2.99619	50.002	50.001	50.001	25.09	0.239	0.021007	15785	4.214	84.991

13.6559	2.99618	50.002	49.994	50.005	24.99	0.251	0.013728	15785	3.376	89.504
13.6582	2.99681	49.999	50.001	50.002	25.12	0.245	0.049952	15785	3.709	87.874
13.6705	2.99442	50.001	49.999	50.002	25.1	0.242	0.094339	15785	3.386	90.317
13.6711	3.00291	50.009	49.988	49.998	25.09	0.242	0.021332	15785	1.688	91.542
13.6431	2.99322	49.998	49.999	50.005	24.92	0.24	0.015799	15785	5.093	87.917
13.6953	3.00812	50.007	50	50.006	27.82	0.237	0.017552	15785	10.247	65.443
13.6597	2.99755	49.997	50.004	50	27.85	0.241	0.022099	15785	11.466	59.995
13.6856	3.00217	50.002	50.003	49.998	27.88	0.229	0.014442	15785	13.761	47.417
13.6804	3.00388	50.004	49.997	50.005	27.84	0.229	0.027275	15785	16.406	41.739
13.6953	3.00466	50	49.997	50.004	27.81	0.233	0.011883	15785	17.421	36.784
13.7139	3.01272	49.997	50.005	49.998	27.82	0.231	0.064856	15785	19.169	36.447
13.6674	2.9953	50	49.999	49.999	27.82	0.223	0.042383	15785	19.38	33.212
13.6615	2.99538	50	49.998	50.002	28.12	0.229	0.090718	15785	19.32	34.789
13.6476	2.99098	49.998	50.001	50.001	27.97	0.227	0.012067	15785	18.968	35.509
13.6709	2.99694	50.003	49.995	50.007	28.91	0.227	0.043907	15785	17.25	37.878
13.6448	2.99019	49.995	49.999	49.997	29.14	0.233	0.048778	15785	16.286	45.015
13.6723	2.99881	49.994	50.003	50.002	28.99	0.235	0.01103	15785	15.381	46.952
13.6639	2.99618	50	50.001	49.996	29.53	0.243	0.035413	15785	13.952	49.763
13.6744	2.99932	50	50.001	49.997	28.03	0.243	0.026228	15785	12.302	50.475
13.6837	3.00229	50.001	50.006	49.998	26.54	0.245	0.010082	15785	10.217	64.713
13.6657	3.00042	50.002	50	49.995	25.42	0.237	0.03237	15785	8.775	66.067
13.6427	2.99789	50.002	49.998	49.999	24.4	0.248	0.014102	15785	7.384	70.793
13.6938	3.00965	49.998	49.995	50	23.87	0.246	0.015667	15785	6.395	71.673
13.6771	3.0062	50	50.006	50.004	25.1	0.25	0.033534	15785	5.87	73.781
13.6835	3.00423	49.999	49.998	49.998	25.09	0.24	0.107665	15785	4.416	79.498
13.686	3.00741	50	50.004	49.998	25.09	0.237	0.041387	15785	4.477	76.04
13.6653	3.00339	49.997	49.993	49.998	25.1	0.245	0.006239	15785	3.487	78.158
13.6533	2.99996	49.994	50.001	49.998	25.09	0.235	0.020031	15785	2.345	79.18
13.6813	2.99882	50.002	50.001	50	24.41	0.249	0.072888	15785	4.517	71.252
13.6802	3.00517	50	49.999	49.997	24.5	0.239	0.016482	15785	6.193	67.531
13.6647	2.99201	49.994	49.995	49.999	26.47	0.241	0.020752	15785	7.313	63.208
13.6758	3.00304	49.999	49.994	50.003	28.95	0.249	0.023054	15785	10.146	51.836
13.7189	3.01015	49.998	50	49.999	29	0.247	0.043539	15785	11.496	47.446
13.6527	2.9969	49.996	49.994	49.998	28.94	0.238	0.082229	15785	12.654	37.181
13.6808	3.00185	49.997	50.001	50.001	29.89	0.231	0.031609	15785	11.456	43.959
13.6724	3.00143	49.998	49.994	49.997	28.62	0.231	0.039798	15785	12.563	39.287

13.6934	3.0035	49.998	50.004	50.003	28.56	0.228	0.015299	15785	13.58	38.336
13.6884	3.00433	50.005	49.997	50.005	29	0.247	0.141953	15785	12.483	43.888
13.6481	2.99197	50.001	49.996	49.994	29.22	0.235	0.018882	15785	12.302	46.16
13.6451	2.99524	49.997	50.003	50.001	29.72	0.244	0.012339	15785	11.536	47.483
13.6732	3.00182	49.999	50.003	50.007	30.39	0.237	0.013708	15785	10.63	51.842
13.6654	2.99994	49.999	49.997	49.999	28.14	0.24	0.044011	15785	8.453	58.445
13.6592	2.99931	49.995	50.001	50	24.38	0.243	0.019174	15785	6.728	64.439
13.6526	2.99528	50.003	49.999	49.998	25.09	0.244	0.01253	15785	5.355	66.652
13.678	3.00398	49.998	50.001	49.999	25.09	0.249	0.015776	15785	4.497	69.893
13.6651	2.99774	50	49.996	50.009	25.1	0.242	0.017527	15785	2.052	78.9
13.6699	3.00435	49.998	50.002	49.999	25.45	0.252	0.019471	15785	1.01	81.944
13.6913	3.00298	50	49.999	49.995	25.12	0.252	0.014421	15785	0.939	86.876
13.6754	2.99506	50.004	49.996	49.999	25.43	0.245	0.027235	15785	0.231	88.521
13.6812	3.00449	50.005	50.001	50.004	26.16	0.241	0.011865	15785	-0.315	89.285
13.6564	2.9972	49.999	49.999	49.999	26.09	0.244	0.013182	15785	-0.72	86.694
13.6818	3.00239	50.004	49.997	50.002	25.78	0.247	0.024895	15785	-0.76	89.106
13.6506	2.99273	49.998	49.997	50.003	24.23	0.235	0.016269	15785	2.082	84.25
13.6689	2.99858	50.007	50.002	50.004	27.19	0.236	0.020484	15785	7.999	70.486
13.6737	2.99434	49.999	49.999	50.001	27.89	0.231	0.013386	15785	11.496	61.67
13.6554	2.998	49.997	50.001	50.004	27.84	0.245	0.025281	15785	13.278	55.996
13.6662	3.0007	50.001	49.997	49.996	27.84	0.243	0.054111	15785	15.2	44.722
13.6944	3.00528	50.004	50.003	50.005	27.81	0.226	0.020801	15785	17.974	39.057
13.6824	3.00731	49.995	50.007	50.003	27.81	0.246	0.066784	15785	19.229	32.021
13.6693	2.99658	50.005	49.995	49.998	27.9	0.235	0.015101	15785	19.952	30.653
13.6453	2.99726	49.996	49.997	50	27.87	0.233	0.016777	15785	19.982	31.248
13.6734	2.99977	50.004	50.003	50	28.41	0.233	0.053864	15785	19.259	30.351
13.6659	2.99678	50.002	50.003	49.998	28.53	0.243	0.067818	15785	18.717	30.515
13.7117	3.00452	50.002	50.004	50.006	28.35	0.238	0.02607	15785	19.611	31.915
13.6916	3.00144	50	50.001	50.003	28.99	0.23	0.011358	15785	18.074	32.266
13.6335	2.99738	49.995	49.996	50	29.51	0.237	0.012618	15785	16.587	36.533
13.6961	3.00612	49.996	49.998	50.003	30.04	0.247	0.02383	15785	14.516	51.948
13.6615	2.99783	49.995	49.993	49.997	30.61	0.232	0.08671	15785	14.133	45.365
13.6401	2.99314	50	49.995	50	30.03	0.246	0.09633	15785	12.745	55.439
13.6888	3.00034	49.998	50	49.996	29.42	0.233	0.062951	15785	12.01	61.124
13.6727	3.00193	49.994	49.997	49.997	28.69	0.235	0.027425	15785	10.992	65.016
13.6671	2.99964	49.996	50.001	50	27.44	0.235	0.030468	15785	9.985	69.393

13.6806	3.00356	49.999	50.003	50.001	26.02	0.239	0.019911	15785	9.037	70.579
13.7023	3.01325	50.003	50.002	49.998	24.99	0.251	0.025069	15785	7.343	76.746
13.6601	2.99825	49.995	49.999	49.999	23.82	0.229	0.02785	15785	6.354	88.39
13.6556	2.99373	50.002	49.999	50.002	24.41	0.251	0.0182	15785	5.941	89.166
13.6559	2.99284	50.009	50	50.008	25.39	0.25	0.038956	15785	9.4	79.007
13.6763	3.0003	49.999	49.998	49.992	27.99	0.236	0.014975	15785	13.188	56.403
13.6578	3.0019	50.007	49.998	49.998	28.09	0.235	0.048079	15785	15.532	51.84
13.671	3.00021	50.003	50	49.999	27.85	0.241	0.035608	15785	19.46	36.509
13.6668	3.00278	49.997	50.001	49.998	27.64	0.225	0.039559	15785	21.186	32.541
13.6816	3.00149	50	50	49.995	27.82	0.232	0.025852	15785	21.828	32.701
13.6581	3.00074	49.996	50.002	49.999	27.82	0.23	0.094066	15785	22.661	28.935
13.6556	2.99527	50.003	50.003	49.994	27.81	0.225	0.061472	15785	24.024	26.535
13.6825	3.00483	49.999	50	49.999	27.84	0.226	0.077397	15785	23.583	27.077
13.6484	2.99459	49.999	50.001	49.998	27.92	0.231	0.146173	15785	23.403	28.566
13.6381	2.99499	49.999	50.005	49.998	27.89	0.237	0.03746	15785	23.433	28.783
13.6821	2.99623	50.002	50.002	49.999	28.29	0.231	0.041616	15785	22.33	29.051
13.6677	3.00351	50.002	50.003	50.006	28.51	0.23	0.030822	15785	22.039	33.311
13.6568	2.99325	49.998	50.006	50.002	28.69	0.226	0.020142	15785	19.48	37.461
13.66	2.99554	50.005	49.994	49.994	29.3	0.232	0.022377	15785	17.562	42.459
13.6689	2.99669	50.001	49.999	49.996	30.49	0.236	0.028174	15785	16.788	45.62
13.6394	2.98715	50.007	50.001	49.996	30.59	0.229	0.016245	15785	15.481	49.275
13.6889	3.00262	49.993	50.003	49.994	30.3	0.228	0.034772	15785	14.727	52.962
13.6875	3.00434	50.003	49.999	49.997	29.81	0.23	0.022723	15785	14.697	53.509
13.6813	3.00094	50	49.998	50.001	29.54	0.243	0.048637	15785	14.576	55.829
13.6683	3.00098	50.001	49.999	50.002	29.81	0.235	0.031784	15785	14.214	59.584
13.6744	3.00108	50.003	50.002	49.998	29.46	0.232	0.020771	15785	13.822	62.315
13.6745	3.00402	50	49.996	49.999	29.22	0.23	0.013574	15785	13.62	63.143
13.6697	3.00545	50.005	49.998	49.993	29.52	0.241	0.015079	15785	13.711	62.326
13.6853	3.00344	50.002	50.006	49.998	29.91	0.236	0.05487	15785	14.395	62.583
13.6538	2.99274	50.001	50.001	50.004	28.82	0.235	0.021092	15785	16.406	58.175
13.6498	2.99812	49.999	49.999	49.992	29	0.227	0.023432	15785	17.301	55.102
13.6834	3.0012	49.998	49.996	49.996	27.88	0.233	0.075233	15785	19.641	49.306
13.6623	2.99771	49.999	49.997	50.01	28.13	0.228	0.017012	15785	20.042	48.43
13.6872	3.00684	49.998	50	50.005	27.93	0.226	0.178894	15785	23.092	47.712
13.638	2.9902	49.999	50	49.998	27.46	0.232	0.116907	15785	25.797	38.709
13.6921	3.00814	50.002	50.002	49.999	27.56	0.231	0.04494	15785	25.337	36.772

13.6548	2.9962	50.003	49.998	50.001	27.5	0.22	0.033284	15785	25.377	37.224
13.6688	2.99688	50.001	49.995	49.999	27.89	0.224	0.036976	15785	25.657	37.803
13.7041	3.0041	50.005	49.995	50	27.84	0.225	0.069834	15785	25.717	36.497
13.6847	3.00682	49.997	49.998	50.002	27.97	0.221	0.051721	15785	24.144	41.657
13.665	3.00019	49.995	50.002	49.995	28.15	0.233	0.09768	15785	21.517	59.379
13.6937	3.00497	49.997	49.996	50.003	28.79	0.227	0.022088	15785	18.687	73.544
13.682	2.99753	50.001	50	50.004	28.87	0.241	0.008491	15785	20.062	58.703
13.6744	3.00414	50	50.007	49.997	28.53	0.232	0.030895	15785	20.564	53.371
13.6783	2.99826	50.003	50.006	50.006	29.23	0.227	0.011876	15785	19.018	55.228
13.6508	3.00009	50.006	50	49.997	29.22	0.236	0.02243	15785	18.004	57.243
13.6628	3.00243	49.998	50.002	50.001	29.34	0.231	0.014658	15785	18.667	52.486
13.6826	2.99894	50.006	49.991	50.003	28.88	0.229	0.016284	15785	19.37	50.225
13.6897	3.00157	49.999	50.002	50.002	29.01	0.229	0.030754	15785	17.451	71.177
13.6708	2.99799	50	50.002	50	29.64	0.238	0.022777	15785	16.386	77.359
13.6703	2.99755	50.007	49.997	50.002	29.42	0.236	0.025304	15785	15.632	83.309
13.674	2.99956	49.998	50.005	50.003	29.17	0.245	0.016536	15785	14.576	90.825
13.6381	2.99733	50	50.006	49.997	28.47	0.245	0.006357	15785	14.828	89.836
13.6893	3.00565	49.998	49.999	50.003	28.53	0.244	0.012005	15785	15.139	88.753
13.6946	3.00384	50.004	50.004	50.004	29.28	0.246	0.025696	15785	15.803	87.172
13.6785	2.9999	50.001	50	50.002	28.53	0.233	0.04282	15785	17.572	81.646
13.663	3.00299	50.001	50.002	49.995	27.84	0.243	0.027983	15785	19.249	79.395
13.6744	3.0038	49.998	49.997	50	28.01	0.226	0.009713	15785	20.996	74.997
13.6603	3.00628	49.999	50.004	50.006	27.46	0.24	0.010791	15785	22.821	61.96
13.6947	3.00764	50.001	50.005	50.002	27.77	0.234	0.011988	15785	22.851	60.22
13.6541	2.99815	50.001	49.999	50.002	27.66	0.224	0.013318	15785	24.225	53.531
13.65	2.99934	50	49.999	50.003	27.84	0.24	0.008703	15785	23.804	55.043
13.6819	3.00014	50.001	50.004	49.997	27.91	0.227	0.005687	15785	23.693	53.773
13.6658	3.00036	50.001	49.997	50	27.91	0.223	0.010741	15785	23.062	55.935
13.6775	3.00277	50.002	49.993	49.998	28.18	0.227	0.099666	15785	21.768	58.872
13.6416	2.99091	49.998	49.998	50	28.53	0.231	0.013257	15785	20.002	72.183
13.6656	3.00214	49.999	49.995	50.005	28.88	0.236	0.014728	15785	17.552	75.735
13.6856	3.00185	49.998	50.001	50.001	30.4	0.249	0.016362	15785	16.265	77.625
13.6259	2.98883	49.999	49.999	49.995	29.74	0.231	0.010692	15785	15.381	79.699
13.695	3.00438	50.004	50.002	49.998	28.57	0.24	0.011878	15785	13.912	86.721
13.6523	2.99769	49.994	50.009	50.001	27.93	0.241	0.013196	15785	13.318	84.723
13.6596	2.99532	49.998	50.004	50.005	27.83	0.25	0.01466	15785	13.328	84.509

13.6833	2.99733	49.999	49.999	50.004	27.55	0.234	0.016287	15785	12.05	89.645
13.6563	2.999	50.007	49.999	49.996	25.88	0.25	0.006261	15785	10.942	94.023
13.6748	3.00462	50.002	50.003	50.001	25.09	0.251	0.006955	15785	10.781	94.873
13.6573	2.99725	49.999	49.999	50.003	25.09	0.243	0.007727	15785	10.902	95.074
13.6789	3.00725	49.992	50.006	49.999	25.09	0.239	0.00505	15785	11.254	95.022
13.6516	2.99501	49.999	49.998	50	25.52	0.232	0.009537	15785	11.758	95.053
13.6726	2.99875	49.999	49.999	50.004	27.1	0.25	0.018011	15785	12.956	94.864
13.6496	2.99448	50.001	49.996	50.002	28.84	0.243	0.022677	15785	13.701	94.069
13.6731	2.99704	49.998	50.003	50.001	29.07	0.232	0.014819	15785	14.848	92.315
13.6332	2.99364	50	49.993	50	28.32	0.246	0.027988	15785	16.497	91.127
13.6857	3.00887	50.001	50	49.994	27.99	0.226	0.01829	15785	17.632	88.825
13.6886	3.0028	50	50.001	50.001	28.03	0.235	0.007968	15785	18.657	86.77
13.6932	3.00616	49.999	49.998	50.004	27.84	0.247	0.025583	15785	19.671	82.768
13.6764	2.99787	49.998	49.999	50.003	27.84	0.231	0.028421	15785	20.705	79.076
13.6582	3.00228	50.001	50	50	27.98	0.23	0.018573	15785	18.315	80.716
13.6762	3.0012	49.997	49.995	49.995	28.53	0.232	0.012137	15785	17.471	82.003
13.6841	3.00319	49.998	50.002	50.002	29.84	0.235	0.015282	15785	15.481	84.353
13.65	3.00103	49.997	50	50.001	29.9	0.251	0.016977	15785	13.972	87.09
13.6605	2.99873	50.004	50.006	49.997	28.33	0.242	0.011095	15785	12.483	88.885
13.6864	3.00496	49.999	49.997	50	27.1	0.231	0.012325	15785	11.506	92.683
13.6684	3.00079	50	50.001	50	26.65	0.241	0.008055	15785	11.627	94.376
13.6256	2.98984	49.999	50.003	49.997	26.9	0.25	0.01724	15785	11.798	95.448
13.6776	3.00213	50.004	50.004	50.002	27.14	0.245	0.011266	15785	11.828	95.791
13.6602	2.99825	49.993	50.002	50.002	27.2	0.247	0.014185	15785	11.929	94.716
13.6531	2.99225	50.004	49.997	49.999	27.14	0.25	0.00927	15785	11.305	95.731
13.6507	2.9958	50	49.994	50.002	26.47	0.233	0.019841	15785	11.073	96.268
13.6547	2.99648	50.001	50.001	50.006	26.45	0.25	0.019449	15785	10.982	96.56
13.6536	2.99646	50.002	50.01	49.998	26.45	0.24	0.004398	15785	11.053	96.745
13.6709	3.00344	50	49.999	50	26.47	0.231	0.01412	15785	11.436	96.852
13.6415	2.9937	49.997	50.002	50.001	27.78	0.244	0.009228	15785	12.523	96.985
13.6611	2.99495	49.999	50.003	49.998	29.02	0.241	0.010251	15785	14.013	97.023
13.6805	3.00172	49.995	49.994	49.994	28.52	0.237	0.011389	15785	15.773	96.978
13.6721	3.0025	50	49.998	50.003	27.77	0.235	0.021508	15785	18.858	95.061
13.6644	2.99877	50	50.005	50.004	27.68	0.243	0.014056	15785	24.746	67.319
13.6629	2.99793	50.001	49.995	49.994	27.47	0.225	0.026546	15785	25.837	55.581
13.6604	3.00135	49.999	50.001	50.002	27.57	0.226	0.050134	15785	26.368	49.846

13.6668	2.99743	50.004	49.999	49.994	27.75	0.228	0.012848	15785	27.159	42.39
13.6832	3.00354	49.998	50.004	49.998	27.62	0.226	0.024265	15785	27.89	39.608
13.6553	2.99534	49.998	50.004	49.994	27.84	0.223	0.026957	15785	27.209	36.224
13.6756	3.00262	50.001	49.999	50	27.83	0.24	0.017616	15785	27.349	40.919
13.6887	3.00254	50.001	50.007	50.003	27.86	0.23	0.03327	15785	25.978	41.451
13.6576	2.99777	50	50.008	50.004	28.25	0.242	0.021742	15785	24.134	46.175
13.6695	3.00351	49.999	50.002	50.006	28.58	0.226	0.014208	15785	21.969	53.597
13.6728	3.00303	49.995	49.998	49.996	28.71	0.227	0.015784	15785	20.303	60.811
13.66	3.00478	49.998	49.996	49.998	29.15	0.239	0.02981	15785	18.988	65.374
13.6417	2.9948	49.999	49.996	50	28.58	0.236	0.033117	15785	18.074	77.163
13.6805	3.00266	50.001	50.005	49.996	28.82	0.236	0.024528	15785	17.351	73.338
13.6601	2.99578	49.999	49.995	49.988	29.04	0.233	0.016029	15785	17.954	68.436
13.6621	3.00422	50.006	49.997	50.005	28.69	0.231	0.020181	15785	17.924	67.98
13.684	2.99835	49.999	50.003	50.001	29.89	0.232	0.02242	15785	17.733	69.403
13.6464	2.99838	49.997	49.998	50.004	29.23	0.236	0.014652	15785	17.049	72.222
13.6368	2.98739	49.997	50.006	50.002	29.26	0.231	0.010851	15785	16.919	73.602
13.6862	3.00221	50.004	50.005	50.002	28.6	0.229	0.020494	15785	18.225	71.461
13.6709	3.00506	49.999	49.998	49.999	27.84	0.232	0.013393	15785	20.685	63.536
13.6737	3.00096	50	49.998	49.999	27.74	0.242	0.028666	15785	22.029	60.964
13.6745	2.99932	49.998	50.004	50	27.38	0.228	0.018733	15785	24.635	50.849
13.6476	2.99491	49.998	50.004	50.001	27.36	0.237	0.012242	15785	25.757	42.304
13.6705	3.00247	50.001	50.001	50.001	27.18	0.227	0.0136	15785	26.628	40.23
13.651	2.99554	50	49.999	50.001	27.26	0.223	0.010073	15785	27.439	37.322
13.6739	2.99871	49.997	49.999	49.998	27.27	0.224	0.032339	15785	26.699	40.033
13.6467	2.99356	50.002	49.997	49.997	27.55	0.227	0.021134	15785	27.459	40.009
13.6483	2.99081	49.997	49.997	50.002	27.29	0.239	0.039913	15785	28.11	40.795
13.677	3.00409	50.001	50	50	27.66	0.234	0.010229	15785	28.4	41.541
13.6774	3.00272	49.997	49.998	50.005	27.84	0.238	0.019318	15785	26.839	43.433
13.6723	3.00195	50.001	49.998	50.004	28.08	0.238	0.012624	15785	19.721	75.127
13.6616	3.00387	49.994	50.003	50.001	29.22	0.229	0.014025	15785	17.893	88.153
13.6558	3.00188	49.996	49.996	50.003	29.94	0.235	0.017658	15785	17.823	89.555
13.6957	3.00372	50	50.007	49.997	29.89	0.248	0.019617	15785	18.205	87.798
13.6676	2.99669	49.999	49.998	49.998	28.94	0.248	0.004436	15785	18.587	82.35
13.69	3.00747	50.011	50	49.999	29.41	0.23	0.024211	15785	17.934	85.776
13.6977	3.00644	49.996	50.004	50	29.05	0.243	0.015822	15785	18.034	86.383
13.6407	2.98778	49.996	49.997	50.001	28.95	0.238	0.019921	15785	18.888	82.518

13.673	2.99703	50	49.999	49.999	29.23	0.235	0.022131	15785	17.552	90.979
13.6829	3.00196	50.004	50.003	50.004	29.22	0.233	0.014462	15785	17.411	91.611
13.6844	2.99824	49.998	49.995	49.999	29.19	0.237	0.009451	15785	17.009	91.989
13.6831	3.00637	50.005	49.998	49.997	28.96	0.249	0.0119	15785	16.537	93.425
13.6623	3.00335	50.003	49.993	49.996	28.59	0.237	0.022474	15785	17.833	90.12
13.6323	2.99661	50.003	49.996	50.002	27.85	0.228	0.008639	15785	19.761	84.749
13.6677	3.002	49.999	49.997	50	27.76	0.225	0.009597	15785	20.665	82.225
13.6881	3.00969	50.003	50.001	49.997	27.84	0.236	0.018126	15785	21.748	81.227
13.6318	2.98762	50.004	50.009	50.001	27.45	0.229	0.022822	15785	23.934	73.292
13.688	3.00488	50.007	50.008	50.005	27.79	0.227	0.043101	15785	26.398	59.579
13.6611	2.99813	50.004	50.001	50.005	27.84	0.239	0.028166	15785	24.595	67.901
13.6987	3.00875	50	50.004	50.003	27.84	0.229	0.006369	15785	24.144	71.257
13.671	3.00397	49.993	49.991	50.001	28.08	0.231	0.023175	15785	22.671	78.243
13.6985	3.00203	50.003	49.994	50.002	29.08	0.23	0.015145	15785	18.757	90.302
13.6867	2.99947	50.001	50	49.998	28.53	0.234	0.019068	15785	19.038	91.723
13.6832	2.99875	50.004	49.994	49.998	28.62	0.241	0.021184	15785	18.556	92.521
13.6956	3.01062	50.001	50	50	28.72	0.241	0.008143	15785	18.074	94.519
13.687	3.00352	50.002	49.998	50	29.78	0.237	0.015379	15785	17.552	94.738
13.6403	2.99605	49.999	50.005	49.989	29.91	0.237	0.0067	15785	17.321	95.339
13.6728	3.00679	50	50.002	50	29.96	0.245	0.007444	15785	17.039	94.156
13.6562	2.99139	49.999	49.998	50.003	29.89	0.238	0.008269	15785	16.939	95.281
13.6656	2.99575	49.996	50.003	50.003	28.88	0.238	0.009187	15785	16.929	95.454
13.6757	3.00488	49.997	50.004	50.003	29.13	0.24	0.006004	15785	16.657	95.883
13.6589	2.99573	50.003	49.994	49.998	29.91	0.242	0.010004	15785	16.597	95.845
13.6741	2.99939	50.001	49.998	50.001	29.57	0.247	0.006538	15785	16.467	96.07
13.6751	2.99879	50	49.998	49.999	29.63	0.239	0.02099	15785	16.487	95.818
13.6589	2.99609	49.995	50.007	49.999	29.68	0.235	0.008069	15785	16.356	94.708
13.6922	3.00372	49.998	49.998	50	29.91	0.243	0.015239	15785	16.085	93.596
13.6963	3.00427	49.997	49.997	49.992	29.26	0.229	0.009959	15785	15.723	92.339
13.6817	3.00051	49.998	50.006	50.002	28.57	0.249	0.011063	15785	16.366	89.944
13.6597	2.99438	50.003	50	50.002	28.25	0.229	0.012291	15785	17.532	87.301
13.6951	3.00324	49.999	50	50.001	27.85	0.233	0.013654	15785	18.627	85.177
13.6742	3.00372	49.999	49.996	50.001	27.44	0.233	0.025788	15785	21.036	75.253
13.6844	3.0021	50.008	50.001	50.005	27.44	0.229	0.016852	15785	22.179	71.538
13.6591	2.99899	49.999	50	50.004	27.9	0.242	0.031827	15785	21.076	78.891
13.664	2.99971	50.002	50.001	49.994	27.84	0.226	0.012235	15785	20.103	81.667

13.6434	2.99627	49.999	50.001	49.997	27.87	0.245	0.015404	15785	20.364	80.592
13.6541	2.99793	49.992	49.995	50.005	27.85	0.243	0.017113	15785	20.594	77.816
13.6792	3.00607	50	50.002	49.999	27.87	0.232	0.019012	15785	19.561	78.992
13.6796	2.99941	50.001	49.995	49.995	28.48	0.228	0.012424	15785	17.703	78.912
13.6699	2.99982	50	50.005	50.003	29.88	0.241	0.013802	15785	15.21	81.227
13.6955	3.00625	49.996	49.998	49.997	29.22	0.238	0.00902	15785	13.59	83.408
13.694	3.00511	50.004	49.999	50.001	27.88	0.242	0.01002	15785	12.402	85.368
13.6727	3.00013	50.001	50.002	49.999	27.12	0.236	0.018925	15785	11.446	85.616
13.6736	2.99901	49.994	50.002	50	26.47	0.233	0.021024	15785	11.113	82.454
13.6801	3.00464	49.997	50.006	49.996	26.44	0.251	0.015571	15785	11.113	84.447
13.6839	3.00681	50.001	50.003	50.001	26.42	0.238	0.017299	15785	10.902	86.516
13.6515	2.99703	50.002	50.003	49.993	25.98	0.238	0.004433	15785	10.529	91.134
13.6953	3.00993	50.001	50.001	49.998	26.05	0.248	0.008373	15785	10.69	92.49
13.6671	2.99949	50	49.996	50	26.47	0.235	0.010542	15785	10.942	93.576
13.6527	2.9983	49.999	50	49.998	26.47	0.236	0.011711	15785	10.972	94.67
13.6547	2.99618	50.002	49.995	50.004	26.46	0.23	0.007653	15785	10.791	94.896
13.6751	3.00291	50.003	49.998	50.005	26.29	0.244	0.009636	15785	10.66	95.009
13.6781	3.00244	49.996	50	50.001	25.83	0.239	0.010705	15785	10.247	94.938
13.6881	3.00198	49.999	49.997	50.002	25.93	0.24	0.020217	15785	10.166	93.794
13.6729	3.00309	49.998	50.006	50	26.03	0.243	0.008808	15785	10.045	95.261
13.6742	2.99457	49.997	49.998	50	27.17	0.24	0.005756	15785	10.882	94.984
13.6703	3.0006	49.999	50.002	50.007	28.52	0.239	0.031416	15785	11.254	94.064
13.6641	3.00161	50.005	49.999	50.002	28.38	0.237	0.02053	15785	13.429	89.807
13.644	2.9939	50	49.998	49.993	28	0.236	0.015205	15785	14.878	89.295
13.6894	3.00964	50	49.995	50.001	28.04	0.244	0.009937	15785	16.085	86.477
13.6623	3.00198	49.998	50	50.001	28.03	0.228	0.006494	15785	17.843	84.207
13.672	3.00381	49.997	49.996	50.002	27.96	0.237	0.013899	15785	18.446	81.813
13.676	2.99703	49.995	50.003	49.998	28.57	0.243	0.009083	15785	17.542	85.976
13.6599	3.00331	50.001	49.999	49.997	28.56	0.236	0.017154	15785	16.637	86.584
13.672	2.99901	50.003	49.997	49.999	29.19	0.239	0.019057	15785	15.411	88.096
13.6564	3.00132	49.992	50.003	49.998	29.9	0.234	0.021171	15785	14.677	89.155
13.6755	3.00064	50	49.997	49.996	28.54	0.231	0.008138	15785	13.53	91.774
13.6936	3.00652	50.005	50.001	50.001	27.85	0.236	0.009041	15785	12.704	92.668
13.6764	3.00212	50.002	49.997	50	27.16	0.233	0.010044	15785	11.909	93.11
13.6758	3.00059	49.995	50.002	50.002	26.61	0.25	0.011159	15785	11.708	93.799
13.6608	2.9977	49.999	50.003	49.999	26.51	0.243	0.035826	15785	12.03	95.209

13.6648	2.99598	49.999	49.997	49.991	27.16	0.246	0.008101	15785	13.349	95.612
13.6575	3.00258	49.999	49.996	50	28.41	0.233	0.0102	15785	16.205	92.89
13.6508	2.99058	49.998	50.003	50	29.57	0.234	0.005881	15785	16.336	92.834
13.6672	2.9934	49.997	49.998	49.999	29.91	0.235	0.012589	15785	17.471	91.328
13.6861	3.00051	50.002	50.001	50.002	29.76	0.234	0.035662	15785	17.361	92.941
13.6273	2.99288	49.995	50	49.999	29.27	0.244	0.023305	15785	16.909	91.915
13.6709	2.99626	49.995	49.994	50	29.88	0.232	0.008959	15785	17.25	90.995
13.6811	3.00607	49.999	50.001	50.001	29.91	0.227	0.005854	15785	17.19	89.608
13.7142	3.00224	50.001	49.996	50	29.22	0.228	0.011057	15785	17.401	88.934
13.6649	2.99933	49.993	50.003	50.002	28.54	0.237	0.020882	15785	17.783	86.928
13.6473	2.98998	49.997	50	49.995	28.53	0.243	0.023199	15785	18.888	83.449
13.6776	3.00367	49.993	50.002	49.996	29.24	0.244	0.01516	15785	17.351	92.894
13.6902	3.00495	49.998	50	49.997	27.91	0.231	0.016842	15785	19.159	75.283
13.6651	2.99958	49.997	50	49.999	27.95	0.233	0.021205	15785	19.922	63.82
13.639	2.99436	49.998	50.001	49.998	28.51	0.24	0.023558	15785	18.476	59.42
13.6832	3.00655	50.002	49.999	49.997	29.45	0.233	0.044491	15785	17.15	59.957
13.6953	3.00683	50	50.002	50.001	29.36	0.236	0.029075	15785	15.31	65.909
13.6665	2.99825	50.003	49.994	49.998	28.22	0.24	0.032301	15785	12.503	69.81
13.6471	2.99916	49.998	49.995	49.999	26.5	0.234	0.014072	15785	11.627	71.637
13.6608	2.9976	49.999	50.006	50.004	25.77	0.248	0.015633	15785	11.315	73.56
13.6868	3.00312	50.005	50	49.996	25.11	0.242	0.017368	15785	10.831	71.536
13.6742	3.00035	50.002	50.001	50.005	24.42	0.235	0.032801	15785	10.589	67.489
13.6685	2.99796	50.006	50.002	50.004	23.74	0.236	0.024293	15785	10.327	67.194
13.6932	3.00548	50.001	50.004	50.001	23.62	0.252	0.015875	15785	10.015	69.506
13.6722	2.99826	50	49.998	49.999	23.29	0.24	0.006916	15785	9.441	70.843
13.652	2.99622	50	50.002	49.998	22.9	0.238	0.014804	15785	9.058	69.836
13.6538	2.99741	50.001	50.007	50.002	23.58	0.253	0.009674	15785	8.795	69.733
13.6982	3.00964	50.007	49.997	49.997	23.77	0.254	0.020707	15785	8.049	72.702
13.6419	2.99669	49.996	49.994	50.003	23.89	0.238	0.013532	15785	7.585	71.33
13.6379	2.99444	50.001	49.999	49.992	24.09	0.235	0.017038	15785	7.908	70.124
13.6712	3.00334	50	50.009	49.998	23.09	0.246	0.018928	15785	8.009	68.996
13.669	2.99334	50.003	49.999	49.997	23.95	0.245	0.023831	15785	8.775	68.002
13.6842	3.0004	49.999	50.003	49.997	24.66	0.245	0.010382	15785	9.36	69.357
13.6615	2.99337	49.998	50.003	50	27.96	0.235	0.011534	15785	11.013	64.345
13.698	3.00751	49.997	49.999	50.003	29.54	0.242	0.012814	15785	11.788	62.294
13.6556	2.99532	49.999	49.999	49.998	29.94	0.239	0.008374	15785	11.949	60.246

13.6629	3.00359	50.001	49.998	50	29.06	0.253	0.03047	15785	13.61	59.87
13.6885	3.00845	50.004	49.999	50.002	29.03	0.235	0.019912	15785	13.832	54.057
13.6938	3.0072	50	50.005	49.998	28.92	0.247	0.013012	15785	14.797	49.311
13.6709	3.00172	49.997	49.998	49.996	29.14	0.25	0.014456	15785	14.113	49.41
13.71	3.01155	50.002	50	49.999	29.42	0.231	0.018201	15785	13.328	53.316
13.6806	2.99693	50.001	50.006	50	29.37	0.241	0.011894	15785	11.053	60.132
13.6497	2.99097	49.992	50.003	50.001	26.56	0.25	0.013214	15785	9.239	69.844
13.6237	2.99061	50	49.999	50.002	24.4	0.24	0.028283	15785	8.543	69.632
13.6739	2.99999	50.002	50	50.004	24.43	0.247	0.018483	15785	7.444	74.617
13.6675	3.00134	49.998	50.002	50.002	24.54	0.247	0.008052	15785	6.95	74.311
13.6705	3.00637	49.994	49.998	50.003	24.48	0.249	0.005262	15785	6.314	74.26
13.6817	3.00027	49.998	50	50.004	25	0.25	0.019148	15785	5.375	79.133
13.6786	2.99637	49.999	50.003	49.995	25.06	0.246	0.014181	15785	5.264	76.753
13.6877	3.004	49.994	50.007	50	25.09	0.264	0.015755	15785	5.042	76.73
13.6437	2.99963	50.001	49.99	49.996	24.94	0.252	0.017502	15785	5.567	75.695
13.6816	3.00243	49.997	49.999	50.002	24.68	0.258	0.037462	15785	5.426	76.066
13.6798	3.00043	50	50.003	50	24.46	0.247	0.016321	15785	6.597	73.369
13.6807	3.00633	50.002	49.999	50.005	26.47	0.245	0.006274	15785	7.848	70.06
13.6489	2.99903	49.998	49.999	50.002	28.54	0.241	0.013429	15785	9.945	65.918
13.6681	3.00096	49.997	49.994	50.002	27.95	0.242	0.014919	15785	11.295	58.13
13.6437	2.99639	50.002	49.995	50.001	28.23	0.231	0.009749	15785	11.979	52.822
13.6753	3.00347	50	49.999	50	28.05	0.235	0.020868	15785	13.278	53.31
13.6474	2.99452	49.997	50.004	49.999	28.23	0.239	0.023183	15785	14.838	46.917
13.7045	3.00638	49.997	50	49.999	28.42	0.247	0.025755	15785	15.149	46.445
13.6728	3.00176	49.998	50.005	50.004	28.33	0.238	0.019075	15785	15.843	48.531
13.6682	3.00014	50.001	50.006	50.001	28.37	0.238	0.021191	15785	15.592	46.756
13.6759	3.00188	50.001	49.998	49.999	28.57	0.236	0.015694	15785	15.049	48.462
13.684	3.00283	49.999	49.995	50.002	28.66	0.236	0.010256	15785	14.093	48.655
13.675	3.0043	49.996	50.004	50.005	29.99	0.236	0.012913	15785	12.745	50.595
13.6624	3.00076	49.998	49.993	50.001	28.67	0.246	0.014346	15785	11.214	55.005
13.6702	2.99779	50.001	49.997	49.998	26.23	0.242	0.015938	15785	9.531	61.464
13.6672	3.00167	49.995	50.003	50.002	24.4	0.246	0.017706	15785	8.382	66.573
13.6555	2.99796	50	49.999	50.006	24.4	0.248	0.022293	15785	7.535	70.292
13.695	3.00875	49.993	49.994	49.997	24.51	0.259	0.009712	15785	6.233	78.808
13.6789	3.00027	50	49.999	50.002	24.97	0.261	0.006347	15785	5.385	82.239
13.666	3.00458	50.001	50.004	49.997	24.99	0.243	0.007991	15785	5.103	83.273

13.6695	2.99756	49.997	50.001	50.002	24.91	0.252	0.005918	15785	5.194	83.619
13.6406	3.00179	49.993	49.994	49.992	24.68	0.247	0.019002	15785	5.305	83.343
13.6831	3.00613	50.008	49.997	49.999	24.86	0.239	0.014073	15785	5.426	84.735
13.6095	2.98859	49.998	50.001	49.995	24.41	0.239	0.017719	15785	6.112	85.335
13.6682	3.00181	49.998	50.001	49.999	24.4	0.259	0.006811	15785	7.747	84.523
13.6553	2.99981	49.998	49.999	49.997	25.61	0.239	0.021869	15785	10.287	78.476
13.6867	3.00464	50.003	49.998	49.998	28	0.245	0.016197	15785	12.342	71.939
13.6781	3.00553	49.994	50.006	50	29.22	0.249	0.006226	15785	13.419	67.757
13.7044	3.00475	49.999	49.997	49.999	29.05	0.241	0.022655	15785	14.536	65.038
13.631	2.99186	50.001	49.999	49.999	28.94	0.239	0.014805	15785	15.431	64.279
13.677	3.00241	49.999	50.001	49.998	27.9	0.235	0.027961	15785	17.542	60.966
13.6631	2.99877	50	49.997	50.005	28.28	0.247	0.035205	15785	18.566	52.253
13.6439	2.99792	50	50.007	50.001	28.04	0.243	0.007961	15785	19.289	52.196
13.6829	3.00355	49.994	49.996	49.999	28.41	0.236	0.017039	15785	18.376	54.244
13.6958	3.00657	49.998	50.002	50.004	29.62	0.239	0.018929	15785	16.668	63.596
13.6803	3.00062	49.998	49.998	50	29.34	0.237	0.021029	15785	14.465	81.713
13.6504	2.99013	49.999	49.999	50.002	28.52	0.237	0.013743	15785	13.61	88.797
13.6458	2.99507	50.003	49.998	49.995	27.9	0.24	0.015267	15785	13.751	88.556
13.6871	3.0028	49.993	50.001	50	27.84	0.242	0.006651	15785	13.741	87.97
13.6505	2.99383	50	50.004	50.005	27.87	0.241	0.012562	15785	13.842	89.315
13.6845	3.00516	49.998	49.999	49.993	27.76	0.244	0.023724	15785	14.395	86.125
13.6706	3.0081	50.002	50.004	50.005	27.88	0.233	0.017571	15785	14.657	87.134
13.6609	2.9922	50	49.999	49.996	28.19	0.239	0.01952	15785	14.858	87.844
13.6631	3.00049	50.005	49.994	49.997	28.58	0.246	0.014457	15785	15.381	85.132
13.6457	3.00009	50.002	49.998	49.999	28.99	0.238	0.027304	15785	15.29	85.906
13.6308	2.99474	50.003	49.996	50.001	29.56	0.248	0.017843	15785	15.361	87.305
13.6901	3.00201	50.001	50.001	49.994	29.9	0.243	0.019822	15785	15.19	88.347
13.6693	3.0032	50.007	50.001	50.002	29.22	0.238	0.022022	15785	15.29	89.721
13.6587	3.0004	49.998	50	50	28.78	0.244	0.014391	15785	16.718	87.608
13.6851	3.00219	49.998	49.996	49.997	28.67	0.238	0.018119	15785	17.09	88.054
13.6665	3.00218	49.999	49.998	49.994	28.39	0.232	0.03422	15785	18.657	86.481
13.6786	3.00633	49.996	49.995	49.995	27.85	0.233	0.022363	15785	19.902	84.253
13.6504	2.99453	50.001	50.003	50.008	27.6	0.245	0.042234	15785	21.106	81.655
13.6871	3.0013	49.996	49.998	50.004	28.11	0.246	0.016235	15785	20.374	83.455
13.6669	2.99657	50.006	50.001	49.997	27.64	0.236	0.020441	15785	20.655	83.997
13.6681	2.9984	49.997	50.005	50.006	27.84	0.231	0.022709	15785	21.487	76.018

13.6722	2.99768	50.003	50.002	50.006	27.84	0.226	0.025228	15785	23.693	67.458
13.6904	3.00838	50.001	50.002	49.999	27.84	0.227	0.047646	15785	24.134	62.678
13.6609	3.00052	50.005	49.998	49.998	27.86	0.239	0.020758	15785	24.064	61.193
13.6715	2.99868	49.994	50.005	50.004	27.86	0.229	0.023061	15785	22.922	67.381
13.6545	2.99514	49.999	49.994	50.001	28.01	0.243	0.01507	15785	21.849	70.748
13.6996	3.00377	50.003	49.998	50.003	28.23	0.231	0.018974	15785	20.625	78.349
13.6865	3.0025	50.006	50.006	49.988	28.53	0.229	0.035835	15785	19.892	81.032
13.6803	2.9996	50	49.998	50.004	28.55	0.233	0.015612	15785	18.536	86.379
13.6783	2.99814	50.002	49.999	50.003	29.19	0.231	0.017344	15785	18.024	88.422
13.6747	2.99411	49.998	50.001	50.006	29.17	0.235	0.019268	15785	17.853	88.974
13.6977	3.00501	50.001	50.003	49.998	29.22	0.249	0.01427	15785	17.24	91.708
13.633	2.9958	49.999	49.992	49.999	28.84	0.235	0.015854	15785	17.23	92.5
13.6678	2.99833	49.997	49.999	50.006	29.04	0.231	0.01036	15785	16.828	93.299
13.6806	2.99992	50.001	50	49.999	28.68	0.238	0.003983	15785	17.09	92.781
13.682	3.00678	50.001	50.004	50.002	29.04	0.236	0.024636	15785	17.17	93.567
13.6584	2.99829	50.005	49.998	49.99	28.54	0.231	0.008356	15785	17.009	94.727
13.6779	2.99905	50.001	49.998	49.995	28.57	0.228	0.006189	15785	17.391	94.784
13.6606	2.99404	49.998	50.004	49.995	28.51	0.23	0.011688	15785	18.456	92.632
13.658	2.99661	50.002	50	50.006	28.53	0.24	0.037526	15785	19.33	90.209
13.6934	3.00561	49.994	49.993	50	27.91	0.239	0.014425	15785	19.822	89.192
13.6871	3.00303	49.999	50.003	50.005	28.57	0.245	0.027243	15785	18.074	91.871
13.6717	3.00317	50.004	50.004	49.997	28.08	0.231	0.017803	15785	20.093	89.47
13.6726	3.00205	50.001	50	49.997	27.74	0.242	0.033624	15785	23.483	84.151
13.6408	2.98986	49.999	50.003	50.001	27.84	0.233	0.042335	15785	23.814	82.737
13.6545	2.99747	50.002	49.999	50.001	27.8	0.239	0.016274	15785	24.485	76.212
13.6468	2.99374	50.006	50.004	49.997	27.84	0.242	0.018079	15785	26.128	72.728
13.6667	2.99951	49.998	49.999	49.997	27.87	0.228	0.022763	15785	26.238	67.377
13.7154	3.01241	50	50.003	49.996	28.02	0.231	0.014876	15785	24.505	68.9
13.6882	3.00564	50.001	50.003	49.997	28.55	0.23	0.009721	15785	21.497	89.311
13.6824	2.9993	50.008	50	50.003	28.53	0.24	0.0108	15785	20.333	88.066
13.6801	2.99772	49.999	49.998	49.994	29.15	0.236	0.058945	15785	19.571	91.878
13.6903	3.00711	50.001	49.999	49.995	28.53	0.245	0.00784	15785	19.199	92.685
13.6882	3.00539	50	50.002	50.005	29.12	0.229	0.009872	15785	18.888	92.422
13.6834	2.99675	50.001	49.999	49.996	28.9	0.246	0.010967	15785	19.179	91.758
13.6837	3.00636	50.006	49.998	49.999	29.09	0.24	0.012183	15785	19.059	91.543
13.6572	2.99981	50.006	50.002	50.002	28.73	0.235	0.007962	15785	18.556	91.509

13.6698	2.99401	49.999	49.997	50.004	28.87	0.246	0.025563	15785	18.366	92.243
13.6817	3.00041	50.001	49.997	50.005	29.21	0.239	0.016705	15785	18.717	92.057
13.649	2.99713	49.998	50.004	49.998	28.53	0.246	0.018558	15785	19.129	91.609
13.6779	3.00618	49.998	50.003	49.998	28.97	0.242	0.059584	15785	19.279	91.32
13.6841	3.00409	50.002	50.004	50	28.55	0.233	0.022904	15785	19.701	90.771
13.6596	3.00029	50	49.998	49.993	28.53	0.236	0.025446	15785	20.042	90.481
13.68	2.99636	50.002	50.006	49.999	28.28	0.228	0.009782	15785	20.384	90.043
13.6227	2.99139	50	50.002	50	27.84	0.238	0.020936	15785	22.731	82.889
13.6714	2.99563	49.995	50	49.999	27.83	0.223	0.067219	15785	23.513	79.956
13.6523	2.99593	49.996	49.999	49.998	27.78	0.238	0.0152	15785	24.335	77.753
13.6539	2.99785	50.002	49.999	50.001	27.83	0.225	0.048801	15785	25.637	74.231
13.6668	3.00207	49.997	50	50.004	27.82	0.236	0.054215	15785	25.988	69.683
13.7042	3.00553	50.001	50.003	50.002	27.82	0.227	0.012259	15785	26.749	65.934
13.6677	3.00157	50	49.995	50.002	27.42	0.222	0.013619	15785	27.339	53.036
13.6823	3.00205	50.004	50.002	50.005	27.8	0.233	0.01513	15785	27.079	48.829
13.67	2.99935	50.002	50	49.999	27.85	0.229	0.028575	15785	26.819	49.514
13.6647	3.00022	50.004	50.005	50.002	27.85	0.24	0.018674	15785	25.587	56.361
13.6664	2.99501	50.001	49.999	50.001	27.85	0.235	0.007178	15785	24.184	61.786
13.6545	2.9991	50.002	50	49.997	27.96	0.235	0.015365	15785	23.042	66.097
13.6861	3.00195	49.998	49.998	50.001	28.25	0.231	0.029018	15785	22.19	69.427
13.6844	3.00401	50.003	50.002	50	28.51	0.229	0.011155	15785	21.367	75.237
13.6793	3.00503	50	50.001	49.998	28.41	0.244	0.008261	15785	20.805	78.334
13.6769	3.0043	50	50.002	50	29.14	0.247	0.045091	15785	20.223	81.463
13.6778	3.00614	50	50.001	49.998	28.53	0.236	0.029467	15785	19.621	83.312
13.6745	2.99472	50.002	50.003	49.999	28.67	0.229	0.011327	15785	18.818	86.834
13.6745	2.99709	50.001	50.002	50.002	28.75	0.247	0.021393	15785	18.466	88.577
13.6965	3.00351	49.997	50.002	50.001	29.23	0.246	0.008224	15785	18.104	89.718
13.6501	2.99653	50.001	49.998	50.001	29.47	0.243	0.026403	15785	17.934	91.49
13.6551	2.99675	50.004	50	49.994	28.6	0.233	0.029332	15785	18.787	89.509
13.6751	3.00003	50.001	49.995	50.004	28.19	0.238	0.028753	15785	20.183	84.467
13.6697	2.99285	49.999	50.001	50.004	27.93	0.231	0.012526	15785	20.825	79.258
13.6349	2.99455	50	50.001	49.999	27.8	0.233	0.023658	15785	21.447	72.041
13.6973	3.00089	50.004	50.007	49.995	27.41	0.229	0.017521	15785	21.828	64.957
13.6768	3.006	49.994	50	49.999	27.54	0.228	0.033091	15785	21.949	61.371
13.676	3.00089	49.994	49.996	50	27.43	0.236	0.021625	15785	21.828	53.89
13.6847	3.00178	49.995	49.999	50.001	27.73	0.229	0.024024	15785	21.477	47.225

13.6893	3.00009	49.999	50.002	50.002	27.91	0.228	0.026689	15785	21.136	43.851
13.6865	3.00161	50	49.999	49.995	27.85	0.227	0.033604	15785	20.946	48.512
13.6682	3.00427	50	49.998	49.998	27.97	0.235	0.063464	15785	19.751	45.294
13.6549	3.00223	49.999	49.998	49.999	28.4	0.231	0.009567	15785	18.014	43.493
13.6802	3.00274	49.999	50	50.001	29.36	0.248	0.030716	15785	16.024	46.776
13.6894	3.00928	49.994	50.003	49.998	29.89	0.25	0.020073	15785	13.308	54.224
13.6699	2.99602	50.001	50.001	50.002	27.07	0.239	0.0223	15785	11.184	62.251
13.6701	3.00145	49.991	49.996	49.998	25.05	0.245	0.014573	15785	9.531	64.594
13.6859	3.0062	50	50.003	50.002	23.15	0.257	0.018348	15785	8.231	67.685
13.6813	2.99536	49.997	49.999	50.006	23.72	0.24	0.023102	15785	8.019	68.541
13.672	3.00314	49.996	50	50	23.36	0.255	0.015097	15785	8.221	65.198
13.6972	3.00577	49.994	49.995	50.003	23.86	0.251	0.016772	15785	7.626	65.725
13.6566	2.99176	50.008	50.003	50.009	24.34	0.259	0.021117	15785	7.293	65.146
13.6609	2.99616	50.003	49.996	49.999	23.94	0.252	0.008117	15785	7.03	68.384
13.6633	3.00525	49.996	49.997	50.001	24.39	0.248	0.01022	15785	6.677	69.863
13.68	3.00462	49.998	49.998	50.003	24.34	0.26	0.012868	15785	6.375	69.408
13.6532	2.9985	50.003	49.994	50.001	24.51	0.249	0.014296	15785	6.637	71.04
13.6443	2.99759	49.996	50.001	49.995	23.69	0.247	0.017999	15785	7.03	70.907
13.661	3.00191	50.005	50.001	49.998	23.9	0.257	0.011763	15785	7.394	70.872
13.6528	2.99788	49.998	49.999	50.005	25.11	0.246	0.008712	15785	8.1	68.26
13.6514	2.99862	49.999	50.001	50.003	26.8	0.245	0.009678	15785	8.654	65.329
13.6772	3.00402	50.004	50.002	49.999	28.05	0.241	0.010752	15785	9.783	59.984
13.6875	3.00668	49.998	50.001	49.994	29.49	0.254	0.013537	15785	10.297	58.005
13.6852	3.00297	50	49.999	49.999	29.52	0.239	0.025567	15785	10.307	59.375
13.6622	2.99413	50.003	50.003	49.995	29.91	0.254	0.016708	15785	10.851	59.316
13.6682	2.99492	49.998	50.001	50.005	29.22	0.25	0.021036	15785	11.838	55.365
13.6841	3.00324	50.005	50.005	50.005	29.13	0.243	0.039729	15785	12.986	50.412
13.6484	2.99456	49.999	50.004	50.002	29.17	0.24	0.010181	15785	12.886	51.878
13.663	2.99766	50.002	50.005	50.001	29.22	0.236	0.006654	15785	13.147	52.313
13.6732	2.99764	49.993	49.998	49.996	29.66	0.234	0.012566	15785	11.274	59.209
13.6315	2.99451	49.998	49.999	49.991	27.29	0.245	0.026896	15785	10.358	63.81
13.6384	2.99543	50.001	49.995	49.997	24.54	0.251	0.010339	15785	7.666	75.223
13.6402	2.99214	50.004	50.002	50	24.48	0.25	0.02213	15785	6.899	76.827
13.6867	3.00115	50	49.997	50.005	24.57	0.249	0.027863	15785	5.87	79.07
13.6815	3.00159	49.999	50.003	50	24.42	0.263	0.010711	15785	5.486	80.338
13.6436	2.99691	49.999	50.004	49.994	24.43	0.24	0.013486	15785	5.284	79.256

13.6982	3.00799	49.999	49.999	49.996	25.14	0.245	0.016979	15785	4.951	76.165
13.677	2.9996	49.999	49.997	49.993	24.44	0.25	0.011096	15785	4.739	72.508
13.6561	2.99373	49.999	49.997	49.993	24.44	0.242	0.008218	15785	4.325	74.13
13.6466	2.99202	49.998	50	50.006	24.34	0.249	0.029903	15785	4.699	75.915
13.6562	2.9967	49.994	49.995	50	24.4	0.251	0.013028	15785	5.224	72.348
13.7134	3.00703	49.992	50.003	50.003	24.41	0.254	0.005008	15785	6.072	66.889
13.6939	3.01066	49.996	49.998	50.002	25.8	0.239	0.010719	15785	7.293	59.874
13.6532	2.99142	50.001	49.998	49.998	26.25	0.243	0.013496	15785	8.039	56.135
13.6791	3.00075	49.998	49.999	50.001	26.45	0.238	0.014993	15785	8.654	55.963
13.6536	2.99578	50.001	50.003	49.999	26.52	0.25	0.032092	15785	9.904	48.643
13.6631	2.99613	49.999	50.002	49.995	27.48	0.244	0.020972	15785	9.562	48.536
13.6294	2.99303	49.998	49.997	49.993	26.47	0.235	0	15785	9.582	52.606
13.6637	2.99938	50.001	50	50.005	24.13	0.243	0.007958	15785	7.696	60.707
13.6766	3.0027	50.004	49.999	49.995	24.31	0.259	0.015029	15785	6.859	67.411
13.6563	3.00218	50.002	49.999	49.999	24.75	0.257	0.011131	15785	6.708	68.378
13.6673	2.99958	49.999	50.003	50.005	23.91	0.249	0.021022	15785	6.455	85.532
13.6566	2.99837	50.006	50.003	50.002	23.72	0.257	0.013738	15785	6.617	82.948
13.6676	3.00232	50.006	49.997	49.998	23.88	0.246	0.017297	15785	6.375	84.478
13.6622	2.99065	49.998	50	49.997	23.61	0.256	0.019216	15785	6.253	88.076
13.6831	3.00179	50	50.002	49.999	24.41	0.258	0.012558	15785	6.112	87.84
13.6564	2.99459	50.004	50.004	50	24.41	0.246	0.009301	15785	6.183	86.379
13.6636	3.00004	50.002	50.001	50.002	23.21	0.253	0.006888	15785	6.193	86.379
13.6697	3.00473	50	49.992	50.003	23.68	0.247	0.013009	15785	6.112	86.268
13.6907	2.99895	49.999	49.996	49.995	23.61	0.243	0.016379	15785	6.092	89.029
13.672	2.99611	49.998	50.001	50.005	23.63	0.243	0.003704	15785	6.112	88.218
13.6684	2.99768	49.997	49.996	50.001	24.23	0.247	0.004663	15785	5.173	90.828
13.672	2.99637	50	49.996	50	24.38	0.248	0.008807	15785	5.527	88.841
13.6574	2.99154	50.003	49.997	49.999	24.48	0.258	0.006523	15785	5.951	88.905
13.6884	3.00088	49.998	50	49.995	23.08	0.256	0.007246	15785	6.445	86.35
13.6467	2.99459	49.997	50.004	49.998	23.6	0.249	0.01551	15785	7.061	84.757
13.6648	3.00068	50.003	50.002	50.001	24.39	0.255	0.011487	15785	8.261	78.115
13.6742	3.00107	49.996	49.996	50.001	27.87	0.25	0.012762	15785	11.899	66.541
13.6719	3.00111	49.999	49.997	50.005	27.89	0.239	0.016068	15785	13.922	56.782
13.6826	3.00324	50.005	49.999	49.999	27.95	0.237	0.0105	15785	15.843	47.329
13.6919	3.00043	49.998	50.002	50.004	27.87	0.231	0.007777	15785	17.16	42.446
13.6462	2.99869	49.998	49.998	50.001	28	0.235	0.014687	15785	18.084	29.974

13.6768	3.00582	50.004	49.998	50.002	27.93	0.229	0.005646	15785	19.099	32.287
13.6789	3.00303	49.999	49.998	49.999	27.91	0.227	0.012085	15785	20.293	28.358
13.6782	2.99936	50.003	49.997	49.999	27.92	0.231	0.022823	15785	20.494	29.116
13.68	2.99768	49.998	49.995	49.999	28.25	0.242	0.014915	15785	20.233	28.318
13.6623	2.9975	50.001	49.992	50.002	28.46	0.236	0.009747	15785	19.561	32.501
13.6598	3.00155	49.994	49.999	49.996	29.09	0.235	0.012272	15785	16.818	44.007
13.648	2.99247	49.996	49.993	49.995	29.39	0.235	0.015451	15785	14.677	50.98
13.7128	3.00939	50.002	49.999	50.001	28.53	0.237	0.029181	15785	13.671	55.816
13.6531	2.9967	49.999	50.003	49.999	27.46	0.238	0.032419	15785	13.862	58.497
13.6844	2.99751	50.006	49.999	50.004	27.13	0.252	0.014124	15785	13.852	61.048
13.6632	3.00144	50.002	49.997	50.001	26.67	0.251	0.00923	15785	12.684	66.681
13.6895	3.00974	50.003	50.001	50.001	25.95	0.248	0.011621	15785	12.05	71.583
13.6486	2.99511	50.004	49.991	50.003	25.11	0.256	0.021947	15785	10.358	78.741
13.6846	3.0029	49.999	50.001	49.998	24.4	0.244	0.008437	15785	8.432	84.851
13.6555	2.9943	49.998	49.999	50.003	23.71	0.243	0.018058	15785	7.202	89.223
13.6809	2.99809	49.999	49.998	49.998	24.4	0.239	0.011801	15785	7.595	86.037
13.6819	3.00522	49.999	50.006	50.003	27.09	0.243	0.025259	15785	11.315	74.866
13.674	3.00471	50	50.002	49.998	27.9	0.248	0.016506	15785	13.51	68.68
13.6723	2.99703	49.996	50	50.01	27.76	0.248	0.035331	15785	15.944	61.15
13.6874	2.99963	49.998	50.004	49.993	27.49	0.243	0.013581	15785	18.155	51.541
13.6529	2.9934	50	49.998	50.002	27.68	0.235	0.015088	15785	20.785	46.263
13.6869	2.99959	49.999	50.002	50.001	27.63	0.241	0.018997	15785	22.22	30.386
13.686	3.00057	50.002	50.001	49.997	27.66	0.244	0.012414	15785	22.781	29.087
13.6728	2.99684	49.999	50	49.997	27.81	0.237	0.009194	15785	23.292	28.201
13.6816	3.00615	50.001	50.007	50.006	27.85	0.232	0.017365	15785	23.764	35.481
13.6467	2.99033	50.003	50.003	50.005	28.14	0.242	0.019291	15785	22.932	32.87
13.6443	2.99561	50.008	49.994	50	28.17	0.245	0.014288	15785	22.591	31.613
13.6814	2.99906	50.004	49.999	49.996	28.2	0.244	0.009337	15785	22.4	32.577
13.6582	2.99416	49.999	49.999	49.994	28.28	0.241	0.033974	15785	21.808	36.226
13.6483	2.99617	49.999	49.998	49.996	29.5	0.235	0.022202	15785	17.09	37.021
13.6417	2.99307	50.002	49.997	50.006	30.3	0.243	0.008535	15785	15.149	44.394
13.6837	3.00242	49.997	49.999	50.001	29.25	0.239	0.027402	15785	13.952	46.013
13.6674	2.99824	50.005	49.996	49.996	28.53	0.24	0.011938	15785	13.208	46.018
13.6874	3.00933	50	50.004	49.997	27.9	0.244	0.022546	15785	12.04	51.916
13.7066	3.00989	49.995	49.997	50.002	27.11	0.245	0.014734	15785	11.426	55.305
13.708	3.0111	50	50.001	50	26.53	0.254	0.018551	15785	10.912	59.21

13.6602	3.00175	50.002	50.003	50.002	26.47	0.241	0.020609	15785	10.63	63.181
13.7041	3.00899	50.003	50	50.002	26.41	0.246	0.025948	15785	10.65	62.646
13.6412	2.99239	49.999	50.004	50.001	26.46	0.248	0.03267	15785	10.569	66.194
13.6778	2.99921	50.001	49.995	50	26.47	0.239	0.02135	15785	11.315	59.302
13.6714	3.00074	50.001	50.005	50.006	28.53	0.238	0.013952	15785	13.53	55.103
13.6651	2.99723	49.997	49.999	50	28.16	0.241	0.029863	15785	15.159	48.035
13.659	3.00012	49.999	50	49.999	27.82	0.231	0.019515	15785	17.632	49.743
13.6726	2.99977	50.001	49.997	50.002	27.73	0.244	0.02168	15785	20.584	44.182
13.6973	3.00286	50.003	49.999	50.002	27.71	0.236	0.009445	15785	23.272	42.868
13.6513	3.00085	50.001	50.004	49.999	27.53	0.236	0.010493	15785	24.395	32.049
13.6828	3.00321	49.997	50.001	50.001	27.7	0.244	0.019817	15785	25.427	35.429
13.6634	2.99531	50.002	50.003	49.999	27.63	0.237	0.022016	15785	25.617	32.577
13.6752	3.00226	49.998	50.003	50.007	27.82	0.242	0.016306	15785	26.158	27.74
13.6747	3.00216	50.003	50	49.999	27.84	0.233	0.030795	15785	26.158	29.499
13.6468	2.9912	50.002	49.998	50.002	27.89	0.225	0.013416	15785	25.717	31.95
13.6288	2.99304	49.998	49.999	49.999	28.04	0.235	0.014905	15785	24.856	36.276
13.664	2.99942	50	50.002	49.997	27.9	0.226	0.016558	15785	24.876	34.055
13.6798	3.00733	49.996	49.997	49.999	28.53	0.228	0.035442	15785	22.982	39.442
13.6399	2.99319	50.001	49.998	49.994	28.53	0.243	0.008014	15785	20.775	44.598
13.6547	2.99161	50	50	49.995	29.22	0.236	0.043742	15785	19.601	49.237
13.6705	3.00359	49.998	50.005	50.005	29.01	0.238	0.032396	15785	18.928	50.954
13.6479	2.99795	50.006	50	49.999	29.22	0.246	0.021171	15785	18.456	52.955
13.6448	2.99985	50.002	50.001	49.999	29.27	0.25	0.02352	15785	17.12	63.439
13.6412	2.99672	49.998	50.002	50.004	29.22	0.239	0.026129	15785	16.456	66.222
13.682	2.99786	49.998	49.999	49.995	29.23	0.241	0.08389	15785	16.044	75.958
13.6463	2.99537	49.999	50.005	50	29.32	0.239	0.054822	15785	16.044	68.847
13.674	3.00047	50.003	50.002	49.999	28.96	0.251	0.012396	15785	13.993	90.45
13.671	2.9969	49.992	50.001	50	28.58	0.243	0.015608	15785	14.133	86.68
13.6599	3.00002	50	50.001	50.003	28.72	0.234	0.01734	15785	14.133	89.984
13.6765	3.00834	50	49.999	49.996	29.22	0.247	0.006665	15785	15.26	78.652
13.6488	3.00037	50.002	49.997	50.008	28.59	0.236	0.007405	15785	16.145	78.092
13.6902	3.0041	50.001	49.997	50.004	28.56	0.247	0.013985	15785	17.843	72.89
13.6736	3.0032	49.993	49.999	49.996	28.52	0.233	0.029934	15785	19.008	71.222
13.6908	3.00271	50.001	49.995	49.996	27.86	0.242	0.011507	15785	21.247	67.318
13.6831	3.00398	49.999	50	50	27.41	0.232	0.012783	15785	24.595	57.458
13.6541	2.99804	49.998	49.998	50.001	27.83	0.236	0.014202	15785	24.856	61.047

13.6477	2.99738	50.005	49.998	50.002	28.46	0.237	0.017881	15785	21.046	88.333
13.6784	3.00392	50	50.008	49.999	27.9	0.232	0.019865	15785	23.513	81.972
13.6367	2.99322	50.003	49.999	49.999	27.85	0.239	0.025011	15785	24.605	78.936
13.6656	2.99917	49.998	49.999	49.998	28.03	0.231	0.016344	15785	24.205	76.753
13.7003	3.00966	50	50.007	50.006	27.97	0.228	0.020579	15785	25.577	62.34
13.6714	2.9964	49.993	49.996	49.997	27.87	0.237	0.022862	15785	24.906	61.662
13.6891	3.00782	50.003	49.998	50	28.16	0.229	0.01494	15785	24.174	64.262
13.6874	3.00158	49.998	50.002	50	28.31	0.229	0.016598	15785	23.072	67.552
13.682	2.9984	50.002	50.001	50.002	28.36	0.229	0.031346	15785	23.072	68.298
13.6806	3.00371	50.006	49.997	49.998	28.17	0.225	0.008033	15785	22.651	71.262
13.6554	2.99817	50.001	49.999	49.995	27.99	0.229	0.015172	15785	22.711	72.196
13.6672	2.99367	50.004	50	49.997	28.48	0.246	0.016855	15785	21.046	81.518
13.6722	2.99841	49.998	49.999	50.005	29.46	0.244	0.011014	15785	19.259	83.632
13.6795	2.99726	50.003	50.001	50.002	29.22	0.238	0.007198	15785	19.059	84.087
13.6675	2.9992	49.998	49.996	50	28.98	0.238	0.009063	15785	19.45	85.32
13.6811	2.99871	49.998	50.005	50.001	28.58	0.236	0.003484	15785	19.741	83.59
13.6536	2.99736	50.001	50.002	50.002	28.65	0.237	0.004386	15785	19.822	84.512
13.6679	3.00318	49.997	50.009	50	28.54	0.238	0.023941	15785	20.042	84.36
13.6818	3.00283	50.002	49.999	49.999	27.97	0.238	0.009203	15785	18.938	88.977
13.6515	2.99895	49.996	49.998	50	28.52	0.233	0.010224	15785	19.862	89.44
13.6409	2.99337	49.998	50	50.002	28.49	0.243	0.011358	15785	19.771	87.205
13.6784	2.99598	49.999	50.008	50.014	27.96	0.233	0.014301	15785	20.715	81.827
13.6794	3.00345	50	50.006	50.001	27.46	0.241	0.045915	15785	23.252	70.555
13.6613	2.99958	49.999	50.006	49.997	27.54	0.228	0.030005	15785	24.235	68.449
13.6596	2.99961	49.997	50.003	50.006	27.68	0.232	0.033334	15785	24.846	59.8
13.6919	3.00761	50.004	49.994	50.003	27.8	0.231	0.008543	15785	24.786	60.824
13.6397	2.99267	50.001	50.002	49.999	27.81	0.229	0.027427	15785	25.497	58.457
13.6504	2.99426	49.995	50.002	49.996	27.79	0.232	0.017923	15785	25.857	55.397
13.6702	2.99957	50.003	49.998	49.998	27.86	0.231	0.011713	15785	25.397	54.577
13.7073	3.00574	50.004	50.001	50.003	28.14	0.243	0.004503	15785	23.653	59.038
13.6623	3.00225	49.993	50	50.009	28.51	0.244	0.024575	15785	21.798	66.637
13.6826	3.00591	50.003	49.997	49.999	28.53	0.238	0.010706	15785	21.096	70.019
13.6574	2.99884	50.003	49.997	50.006	28.52	0.229	0.011894	15785	21.247	72.502
13.6928	2.99989	49.999	50.001	50.001	28.53	0.238	0.014976	15785	20.594	78.079
13.6572	2.99929	50.002	49.997	49.997	28.53	0.233	0.005757	15785	19.781	83.85
13.6842	3.00666	50.006	50.003	50.001	28.84	0.241	0.031421	15785	19.621	86.729

13.6973	3.00302	50	49.994	50.002	28.79	0.228	0.008052	15785	19.008	89.752
13.6574	3.00126	50	50	49.998	28.8	0.237	0.025853	15785	18.496	91.702
13.6695	3.00529	50.002	49.993	49.995	29.29	0.238	0.016895	15785	18.456	92.587
13.6681	2.9992	50	49.996	49.997	28.59	0.229	0.011041	15785	19.059	90.73
13.6811	3.00324	50	49.995	49.999	28.51	0.237	0.013901	15785	19.5	88.875
13.6732	3.00572	50.003	50	50.005	28.36	0.229	0.015443	15785	20.825	87.113
13.6765	3.00703	49.999	50.003	49.999	28.05	0.241	0.006728	15785	20.855	85.443
13.7085	3.00063	49.998	49.999	49.999	28.51	0.247	0.021601	15785	20.725	87.796
13.6275	2.99193	50.001	50.001	49.993	28.68	0.236	0.008304	15785	19.902	91.941
13.7046	3.0008	50.003	50	50.003	29.35	0.239	0.003618	15785	18.436	93.488
13.6777	3.00153	49.998	49.999	50.005	27.94	0.231	0.019745	15785	20.735	81.394
13.6722	3.00069	49.995	49.996	49.998	27.84	0.226	0.012903	15785	22.39	78.849
13.6811	3.00114	50	49.998	50	28.26	0.225	0.027618	15785	22.801	81.558
13.6669	3.0002	49.993	50	49.992	28.77	0.231	0.010617	15785	19.711	86.68
13.6553	2.99961	49.999	49.998	49.999	27.9	0.244	0.022724	15785	21.387	77.045
13.6982	2.99959	49.996	49.998	50	28.02	0.24	0.008735	15785	22.42	69.949
13.6572	2.99995	50.001	50.002	49.999	27.94	0.225	0.005709	15785	21.919	68.467
13.6791	2.99587	49.998	50	49.996	28.21	0.242	0.010781	15785	20.414	73.388
13.6538	2.99663	50.002	49.996	50.006	28.53	0.239	0.007985	15785	19.731	78.4
13.6701	3.00074	50.003	50.006	50.002	29.08	0.235	0.01508	15785	19.149	83.658
13.6692	3.00219	50	49.998	49.998	28.53	0.23	0.016753	15785	18.175	88.601
13.6517	2.99884	49.998	50.008	50.006	29.91	0.239	0.010948	15785	18.637	85.13
13.6657	2.99349	49.995	50.004	49.997	30.22	0.24	0.012163	15785	18.014	88.823
13.6661	3.00633	50.007	50.003	50.004	29.91	0.231	0.007948	15785	18.195	87.771
13.6832	3.00308	49.999	49.996	49.995	29.91	0.249	0.00883	15785	17.512	89.947
13.6612	2.99875	49.998	49.998	50.001	29.33	0.23	0.00981	15785	17.492	88.367
13.6793	3.00045	49.992	49.996	50.003	29.91	0.233	0.006411	15785	17.1	89.424
13.6779	3.00179	49.999	50.007	50	29.98	0.239	0.020582	15785	17.019	88.466
13.6707	2.99445	50.001	50.001	50.01	29.25	0.248	0.01345	15785	17.502	88.296
13.6941	3.00473	49.992	50.002	49.997	28.43	0.23	0.025402	15785	18.757	82.842
13.6857	3.00718	50.001	50.004	50.007	27.83	0.244	0.0166	15785	19.5	76.794
13.6706	2.99258	49.992	50.001	50.01	27.83	0.232	0.018442	15785	20.323	71.691
13.6698	3.00082	49.998	50.001	50.002	27.55	0.238	0.020488	15785	21.267	71.674
13.6819	3.00025	49.997	49.999	50.001	27.83	0.236	0.022761	15785	21.618	70.957
13.6834	3.00721	50	49.998	50.005	27.66	0.244	0.025286	15785	22.059	66.074
13.6923	3.00235	49.999	50.005	49.999	27.36	0.226	0.011016	15785	23.523	58.253

13.6856	3.00494	49.998	50.001	50	27.51	0.231	0.020805	15785	23.944	55.937
13.6859	3.00014	50.001	50.006	49.999	27.83	0.238	0.023113	15785	23.874	52.47
13.6724	3.00334	50.004	49.997	50.002	27.84	0.226	0.008885	15785	23.924	51.299
13.6621	2.99738	50.002	49.997	50.005	27.85	0.241	0.01678	15785	24.164	47.782
13.6988	3.00118	50	50.001	49.997	28.01	0.231	0.010966	15785	23.513	48.448
13.6576	3.00088	50.001	50.007	50.001	28.26	0.233	0.023471	15785	22.37	56.36
13.6818	3.00102	50	50.001	50.003	28.83	0.235	0.015338	15785	18.536	72.151
13.6663	2.99574	50.004	50.001	50.001	29.21	0.235	0.01704	15785	16.989	79.585
13.679	3.00299	50.003	49.998	49.999	29.33	0.239	0.018931	15785	15.159	86.637
13.6735	3.00183	50.004	50.012	49.998	30.28	0.236	0.021031	15785	14.636	90.658
13.693	3.00506	50.001	49.997	49.997	30.17	0.243	0.015576	15785	14.657	90.112
13.6773	2.99985	50.002	50.005	50	29.91	0.24	0.015268	15785	13.781	93.038
13.6894	3.00547	50.008	50.002	49.997	29.29	0.242	0.009978	15785	13.389	93.268
13.6783	3.00843	50	50.004	49.998	28.94	0.239	0.00739	15785	12.815	94.313
13.6639	3.00122	50.001	49.997	50.01	28.53	0.253	0.00821	15785	13.177	90.584
13.7033	3.00449	49.998	50.004	49.996	28.67	0.252	0.00912	15785	13.409	94.122
13.673	2.99942	49.997	49.998	50	28.53	0.244	0.017225	15785	15.552	86.394
13.6446	2.99667	49.994	49.999	50	27.63	0.24	0.019136	15785	19.972	74.744
13.6374	2.9923	50.005	49.992	50.001	27.33	0.243	0.024093	15785	21.788	68.53
13.6867	3.0049	49.999	50.002	50.001	28.18	0.232	0.015745	15785	24.505	60.543
13.6946	3.00314	49.995	50.001	50	27.84	0.247	0.019824	15785	24.726	55.487
13.6795	3.00766	50.003	50.002	49.994	27.62	0.234	0.063647	15785	25.367	55.389
13.6759	2.99734	50.002	49.999	50.004	27.73	0.233	0.041593	15785	25.978	45.668
13.667	3.0007	50.004	50.001	50	27.66	0.238	0.018121	15785	26.739	42.917
13.6734	3.0031	49.997	50.004	49.996	27.71	0.233	0.038786	15785	27.609	39.099
13.6855	3.00576	50.003	50.004	49.999	27.73	0.238	0.043089	15785	27.569	36.327
13.6956	3.0063	50.006	50.009	50.001	27.84	0.228	0.011042	15785	27.799	32.767
13.6605	2.9989	49.998	49.998	49.999	27.85	0.241	0.035453	15785	27.189	33.209
13.6373	2.99034	49.991	49.998	50.004	27.89	0.226	0.013628	15785	26.308	39.445
13.6969	3.00399	50	49.995	49.997	28.39	0.243	0.008906	15785	23.754	45.933
13.6459	2.99422	49.998	49.998	50.001	28.57	0.237	0.019063	15785	21.909	52.519
13.6526	2.99893	50.004	50.004	50.009	28.94	0.231	0.012457	15785	20.625	57.789
13.6731	2.99955	49.996	50.001	49.999	28.7	0.239	0.008141	15785	20.203	55.152
13.6646	2.99471	50.002	49.996	49.992	28.55	0.239	0.015375	15785	19.279	61.808
13.6891	3.01216	49.998	49.997	49.995	28.75	0.231	0.010047	15785	18.617	67.482
13.6997	3.00731	49.994	49.995	49.997	29.14	0.249	0.018976	15785	19.269	72.317

13.6698	2.99983	49.997	50	49.998	28.53	0.239	0.0124	15785	19.721	78.843
13.686	3.00359	50	50.003	50.001	28.57	0.243	0.008104	15785	19.31	81.215
13.6817	3.00314	49.997	49.998	49.993	29.05	0.239	0.026018	15785	19.38	82.526
13.6579	2.99875	50.003	50.002	50	28.7	0.23	0.01927	15785	18.848	86.013
13.6662	2.99234	49.997	49.998	49.999	27.96	0.232	0.012593	15785	20.464	82.64
13.7116	3.00843	50	50	49.996	27.49	0.244	0.04043	15785	22.561	78.087
13.6629	3.00151	50.002	50.002	50.002	27.93	0.236	0.017614	15785	23.112	73.744
13.669	3.00355	49.999	49.999	49.995	27.91	0.236	0.011511	15785	22.972	79.023
13.6404	2.99254	50.005	50.002	50.002	27.74	0.244	0.014493	15785	24.195	74.423
13.6729	3.0051	49.996	49.995	50.001	27.84	0.233	0.0161	15785	24.675	70.447
13.6842	3.00197	50.005	50.004	49.994	27.77	0.226	0.020272	15785	26.208	62.081
13.6545	2.99767	50.002	49.998	50.003	27.74	0.238	0.022521	15785	27.019	58.065
13.6725	3.00232	50.012	50.003	50.23	28.63	0.231	0	15785	26.789	55.403
13.6538	2.99683	49.992	49.997	49.999	28.04	0.233	0.012171	15785	26.608	58.809
13.6827	3.00234	49.998	50.002	49.999	27.83	0.228	0.013522	15785	26.939	57.804
13.6691	3.00328	50	50.001	50	27.97	0.232	0.015022	15785	26.038	60.594
13.6713	2.99911	49.993	49.996	49.998	28.05	0.231	0.009817	15785	25.727	58.615
13.6649	3.00011	50.003	49.997	49.999	28.06	0.226	0.007271	15785	24.916	61.329
13.6633	2.9975	50.003	50.001	49.999	28.01	0.245	0.008077	15785	23.603	67.876
13.6816	2.99992	49.998	49.997	50.003	28.51	0.234	0.015255	15785	21.588	80.309
13.6558	3.00006	49.999	49.998	50.001	28.48	0.238	0.016947	15785	21.076	81.288
13.6804	3.00713	50.002	49.995	49.996	28.53	0.236	0.012551	15785	20.344	84.979
13.6636	2.99445	50.001	49.991	50	28.61	0.228	0.013944	15785	20.283	86.397
13.6741	2.99469	50	49.995	49.996	28.69	0.246	0.00536	15785	20.153	87.757
13.6517	2.99669	50.002	49.998	50.006	29.07	0.23	0.017209	15785	19.942	89.221
13.6519	3.00046	50.001	50	50.001	29.08	0.233	0.012746	15785	19.32	92.21
13.6907	3.00164	50	50.001	50.003	29.06	0.231	0.01416	15785	19.038	92.555
13.659	2.99827	49.998	49.999	49.998	29.32	0.236	0.009253	15785	18.657	90.721
13.6693	2.99686	49.997	49.997	50	29.22	0.243	0.01028	15785	17.833	92.632
13.6813	3.00625	50.001	50.002	49.994	28.56	0.247	0.01142	15785	18.335	92.35
13.6606	2.99401	50.001	50	50.001	28.54	0.243	0.021569	15785	18.807	88.802
13.6694	2.99697	50.001	50.003	49.999	28.02	0.238	0.014095	15785	19.5	85.871
13.662	2.99302	50	49.999	49.999	28.01	0.237	0.015659	15785	19.912	85.843
13.6825	3.00785	49.999	50.002	50	28.33	0.238	0.017396	15785	19.741	85.04
13.6707	3.0073	50.004	50	49.999	28.08	0.237	0.011368	15785	19.862	88.843
13.6717	3.00663	50.001	49.998	50	28.15	0.244	0.02147	15785	20.103	87.016

13.668	3.00091	50.001	49.996	49.998	28.42	0.256	0.023852	15785	13.006	91.617
13.6794	3.0002	49.997	50.003	49.998	26.9	0.26	0.009169	15785	11.415	93.419
13.6862	3.00261	49.994	50.006	50.002	26.44	0.241	0.017316	15785	10.7	91.181
13.6577	2.99571	50	50	50.001	25.24	0.251	0.006657	15785	10.358	91.068
13.6597	2.99911	49.995	50	50.001	24.47	0.241	0.012572	15785	10.086	91.286
13.6941	3.00914	50	50	49.996	23.88	0.256	0.015829	15785	9.148	86.735
13.655	2.99325	49.998	49.996	50.009	23.6	0.252	0.006085	15785	8.916	82.219
13.6896	3.00645	50.005	50.001	49.997	23.03	0.262	0.019535	15785	8.685	78.131
13.663	2.99937	49.998	50.002	49.999	22.89	0.254	0.008511	15785	8.533	80.051
13.6622	2.99886	49.999	50.004	49.997	22.64	0.253	0.016074	15785	8.09	75.844
13.6593	2.99814	50.003	49.997	50.001	23.72	0.244	0.006179	15785	7.626	76.981
13.6717	3.00002	50.004	50.003	50.001	23.73	0.26	0.013225	15785	7.111	77.944
13.6788	3.0062	50.002	49.995	50.001	24.38	0.262	0.014693	15785	6.687	79.591
13.6444	2.99436	50.001	49.999	50	24.54	0.247	0.003322	15785	6.132	83.933
13.6524	3.00002	49.997	49.999	49.994	23.89	0.248	0.012089	15785	6.344	83.096
13.6791	3.00144	50.001	49.999	50.006	24.15	0.245	0.01343	15785	6.334	82.293
13.6477	2.99875	50.007	49.996	49.997	23.67	0.242	0.025364	15785	7.061	81.604
13.6626	2.99394	50.001	49.99	50.002	24.34	0.261	0.01105	15785	7.525	82.378
13.6753	2.99696	50.001	50.001	50.004	25.43	0.257	0.012276	15785	9.229	82.073
13.6515	2.99853	49.997	50.004	49.998	27.6	0.257	0.003146	15785	9.783	82.469
13.6543	2.99688	50.002	50.004	50.002	28.56	0.242	0.017171	15785	10.761	80.492
13.678	2.99884	50.002	49.998	49.999	29.91	0.242	0.011221	15785	11.979	78.004
13.6626	2.99871	49.997	49.996	49.995	29.92	0.257	0.014129	15785	12.1	76.191
13.6644	2.99426	49.996	49.996	50.004	29.84	0.238	0.015696	15785	12.523	74.167
13.6486	2.99655	49.995	50.001	49.996	29.81	0.257	0.029643	15785	12.785	73.272
13.6653	2.99498	49.999	49.998	50.001	29.2	0.233	0.019372	15785	13.993	68.995
13.695	3.0046	50	49.996	50.002	29.21	0.241	0.024391	15785	13.711	68.142
13.6764	3.00194	50.004	49.996	50.002	29.18	0.247	0.005515	15785	13.147	65.84
13.6366	2.99261	49.998	49.993	49.997	29.22	0.236	0.020068	15785	12.463	65.272
13.6966	3.0092	50.004	49.996	49.997	28.01	0.247	0.013115	15785	11.718	66.536
13.6981	3.00976	50.006	49.999	50.001	26.97	0.254	0.024768	15785	11.214	66.641
13.7009	3.00931	50	49.998	50.001	26.17	0.259	0.018344	15785	10.731	68.502
13.6638	2.99838	49.997	50	49.994	25.84	0.246	0.020379	15785	10.489	68.811
13.67	3.00318	49.998	49.999	50.001	25.93	0.246	0.008878	15785	10.378	67.892
13.6632	2.99841	50	49.999	50.004	25.95	0.243	0.016768	15785	10.126	70.601
13.6525	2.99805	50.004	49.997	50	25.78	0.253	0.021112	15785	9.904	73.044

13.6391	2.99053	49.996	50.005	49.999	25.67	0.248	0.009198	15785	9.783	73.829
13.6683	3.00113	49.999	49.993	49.999	25.5	0.241	0.010218	15785	9.622	73.458
13.6757	3.00039	50	49.996	49.998	25.08	0.254	0.012865	15785	9.179	78.412
13.6628	2.99888	50.003	50	50.006	25.03	0.25	0.008407	15785	9.199	74.796
13.6717	3.00608	50.005	49.999	50	25.08	0.256	0.005494	15785	9.441	76.456
13.6753	3.00378	50.001	49.996	50.001	26.11	0.24	0.01764	15785	10.247	78.342
13.6603	2.99795	49.998	49.999	50.002	28.68	0.252	0.007685	15785	11.728	77.343
13.6636	3.0005	49.999	50	49.999	28.38	0.242	0.008538	15785	13.359	72.241
13.6737	3.00013	50.002	50	49.997	27.89	0.231	0.010749	15785	14.918	69.741
13.6401	2.99062	50	49.994	50.002	27.84	0.233	0.020301	15785	16.225	61.897
13.6651	2.9974	49.999	50.001	49.996	27.84	0.231	0.013267	15785	16.597	60.048
13.6816	3.00073	49.998	50.001	50.001	27.87	0.237	0.009826	15785	17.25	52.166
13.6753	3.00205	50.004	50.001	50.005	27.84	0.232	0.006421	15785	18.416	48.671
13.6906	3.0059	49.997	49.995	50.002	27.84	0.229	0.013744	15785	19.149	49.338
13.6705	2.99812	49.999	49.999	49.999	27.95	0.239	0.005988	15785	18.938	50.546
13.651	2.99999	50.006	49.997	50.001	28.5	0.248	0.011308	15785	18.225	51.018
13.6716	3.00447	49.999	50	50.006	28.57	0.231	0.014238	15785	17.502	54.336
13.6468	3.00179	49.992	49.997	49.997	29.09	0.241	0.015818	15785	15.501	61.956
13.6803	3.00082	49.997	50	49.994	29.22	0.246	0.029873	15785	13.449	69.359
13.6773	3.00488	50.001	50	50.002	27.31	0.243	0.007656	15785	11.798	72.256
13.6493	2.99407	49.997	49.997	50.002	25.78	0.244	0.014459	15785	10.066	71.574
13.6574	3.00482	49.999	50	50.005	24.15	0.253	0.010708	15785	9.098	63.541
13.6566	3.00108	50.007	50.006	49.999	23.08	0.255	0.011896	15785	8.18	66.02
13.6361	2.99691	49.995	50.003	49.995	24.41	0.255	0.008811	15785	7	73.297
13.6773	3.00201	49.998	49.996	50	23.99	0.259	0.04809	15785	6.142	79.325
13.6757	2.99507	49.998	50.001	49.999	24.58	0.261	0.00725	15785	5.173	85.2
13.6505	2.99724	50.002	49.997	49.998	24.69	0.25	0.009128	15785	4.911	86.939
13.6711	2.99811	49.999	50.004	49.998	23.72	0.252	0.01014	15785	5.567	87.615
13.6575	3.00322	49.998	50.004	50.003	26.46	0.243	0.012767	15785	8.564	78.23
13.6705	3.00339	49.993	50.002	50.004	28.04	0.242	0.024112	15785	11.677	74.024
13.6798	2.99959	50.001	49.999	49.996	27.42	0.253	0.030359	15785	14.717	65.099
13.6535	2.99321	49.997	50.002	49.996	27.41	0.245	0.01167	15785	16.969	61.227
13.6569	2.99735	50	50	50	27.74	0.233	0.012965	15785	18.255	58.997
13.6263	2.99378	49.998	49.996	50.002	27.72	0.231	0.027751	15785	19.842	55.654
13.6872	3.00396	49.999	50.001	50.007	27.67	0.24	0.010668	15785	19.992	56.29
13.6424	2.99607	50.001	50.002	49.999	27.76	0.236	0.011851	15785	20.885	45.657

13.6761	2.99745	50.002	49.998	50.001	27.84	0.231	0.022382	15785	21.166	49.47
13.6729	3.00661	49.996	50.002	50.007	27.84	0.245	0.009751	15785	21.969	42.488
13.6642	3.00167	50.003	50.001	49.999	28.01	0.246	0.031307	15785	22.37	43.198
13.6741	2.99945	49.997	50.001	50.002	28.26	0.234	0.007079	15785	21.538	40.504
13.6572	2.9957	50.005	50.002	49.999	28.4	0.236	0.015152	15785	20.996	42.612
13.7047	3.00665	49.998	50.001	50	28.92	0.231	0.016833	15785	18.938	49.628
13.633	2.99743	49.998	50	49.999	29.91	0.244	0.012467	15785	17.482	54.608
13.7007	3.00581	49.998	50	49.999	30.34	0.243	0.023546	15785	15.783	61.825
13.6804	3.00076	49.996	49.998	50	29.85	0.254	0.026158	15785	15.441	66.75
13.6559	3.00388	50.002	49.997	49.993	29.18	0.25	0.02906	15785	14.053	75.736
13.6834	3.00379	49.999	50	50.002	28.07	0.244	0.007447	15785	13.218	80.812
13.6718	3.00086	50.001	50.001	50.001	27.62	0.239	0.014065	15785	12.644	84.47
13.6594	2.99958	50.003	50.003	50	27.34	0.244	0.015625	15785	11.828	88.471
13.6897	3.00469	50.003	49.999	49.998	26.99	0.241	0.019673	15785	11.174	90.59
13.6868	2.99946	50.003	50.006	50.01	26.46	0.247	0.008571	15785	10.892	91.448
13.6912	3.00706	50	49.999	49.999	26.5	0.243	0.016187	15785	11.426	91.711
13.6744	3.00123	50	49.995	49.997	29.29	0.255	0.006222	15785	13.409	87.071
13.6819	3.00437	50.002	50.001	50	28.25	0.252	0.011752	15785	15.713	81.388
13.6809	2.99767	49.998	50.001	49.997	27.5	0.237	0.014796	15785	17.954	71.821
13.6561	3.00028	50.001	49.997	50.007	27.77	0.23	0.009669	15785	19.681	67.414
13.6714	2.9918	49.996	50.003	49.997	27.79	0.245	0.010742	15785	21.217	66.217
13.6721	3.00033	49.997	50	50.006	27.76	0.226	0.034489	15785	22.36	61.915
13.6553	2.99011	50.001	49.996	49.993	27.84	0.237	0.025543	15785	22.911	58.894
13.6634	2.99923	49.998	49.999	50.001	27.76	0.235	0.016692	15785	23.794	59.638
13.6824	3.00195	50	50.003	49.998	27.8	0.235	0.007272	15785	23.733	57.33
13.6649	2.99697	50	49.997	50.001	27.88	0.229	0.013734	15785	24.665	52.988
13.6724	3.00087	49.996	49.999	49.994	27.84	0.244	0.015258	15785	24.465	54.132
13.6816	3.00427	49.996	49.999	50.003	27.94	0.232	0.019211	15785	24.144	55.436
13.6901	3.00482	49.999	50.002	50.001	27.87	0.232	0.007385	15785	23.814	52.494
13.6652	2.99255	50.001	49.998	49.999	28.32	0.229	0.026872	15785	21.899	58.619
13.6731	2.99587	49.997	50.004	50	28.53	0.238	0.01033	15785	20.123	64.96
13.6833	3.00655	50.012	50.002	50.002	29.26	0.247	0.011476	15785	18.697	70.693
13.6651	2.99859	50	50.001	50.007	29.55	0.239	0.024563	15785	16.718	80.697
13.6941	3.00691	50.002	50.001	50	29.62	0.23	0.016052	15785	16.919	78.591
13.6845	3.00012	50.002	50.002	50.002	29.69	0.25	0.017832	15785	16.527	79.281
13.6596	3.00286	49.999	50	49.995	29.62	0.25	0.019811	15785	16.537	80.812

13.675	3.00554	50.006	49.999	50	29.33	0.236	0.012946	15785	16.326	83.787
13.6581	2.99914	50.008	50.003	50.007	29.28	0.237	0.014383	15785	16.477	85.025
13.6532	2.99258	49.996	49.998	50.003	29.75	0.25	0.009399	15785	16.456	85.21
13.6759	3.00397	50.001	49.998	49.998	29.13	0.239	0.010442	15785	16.316	85.277
13.6861	3.00744	49.997	49.994	49.998	28.71	0.239	0.0116	15785	16.848	84.57
13.6414	2.9928	50.002	49.999	49.997	28.24	0.237	0	15785	17.853	82.439
13.6894	3.009	50.001	49.996	49.995	28.3	0.237	0.021695	15785	19.47	77.582
13.6802	3.00523	49.999	50.004	49.999	27.83	0.232	0.040973	15785	21.748	72.483
13.6613	3.00317	50.001	49.996	49.995	28.28	0.232	0.015228	15785	26.638	60.594
13.651	3.00394	50.002	50.005	50.002	27.9	0.228	0.019173	15785	26.999	55.244
13.6564	2.99811	50	50.004	50.008	27.85	0.227	0.012529	15785	27.329	53.161
13.6719	2.99936	50	50.001	50	27.94	0.241	0.026818	15785	27.719	51.543
13.6662	2.99918	49.996	49.999	50.005	27.98	0.232	0.029793	15785	26.769	56.594
13.7016	3.00955	49.995	50	49.999	28.41	0.228	0.01947	15785	25.467	59.895
13.6863	3.00759	50.005	50.003	50	28.5	0.243	0.024514	15785	22.43	71.052
13.6528	2.99384	49.998	49.995	50	28.63	0.247	0.01068	15785	21.377	74.314
13.6719	2.99996	49.999	50.003	50.006	28.54	0.24	0.011865	15785	20.223	78.239
13.6872	3.00853	50.003	50	50.003	28.58	0.232	0.013181	15785	19.079	84.39
13.6954	3.01085	50.001	50.004	50.008	28.6	0.233	0.024893	15785	18.305	87.989
13.6656	3.0043	50.005	49.995	50	28.59	0.236	0.031342	15785	18.295	90.608
13.6619	2.99682	49.999	49.999	49.998	28.63	0.244	0.012048	15785	19.37	88.913
13.656	2.99558	50.004	50.001	49.998	28.55	0.236	0.008923	15785	18.818	83.808
13.6386	2.99667	49.998	50.003	50.01	29.15	0.24	0.009913	15785	18.476	84.896
13.6685	3.00183	50.001	49.996	49.995	29.22	0.233	0.018722	15785	17.351	87.951
13.6739	3.00055	50.004	50.002	49.999	28.58	0.25	0.040073	15785	18.376	84.7
13.6416	2.99442	50.001	50.002	49.995	28.14	0.231	0.015405	15785	19.52	81.617
13.6827	3.001	50.005	50.001	49.999	27.85	0.232	0.010067	15785	20.645	77.902
13.6664	2.9971	49.999	50.001	50.005	27.81	0.231	0.019012	15785	21.287	69.857
13.7041	3.00506	50.007	49.999	50.001	27.84	0.231	0.023938	15785	20.665	71.588
13.6777	3.00516	49.999	49.996	50.001	27.77	0.243	0.015643	15785	21.507	68.991
13.6347	2.98981	49.996	49.997	49.993	27.39	0.245	0.017379	15785	22.952	62.368
13.6955	3.00374	50.001	49.999	50.001	27.62	0.234	0.007571	15785	23.914	59.321
13.6933	3.00819	49.997	50	50	27.84	0.233	0.027549	15785	24.104	58.125
13.6833	2.99495	50.001	49.999	49.999	27.84	0.241	0.05203	15785	23.623	57.777
13.6892	3.00433	50.001	49.997	49.998	27.88	0.232	0.013334	15785	22.741	62.244
13.6564	3.00359	50	50.002	50	28.04	0.242	0.014813	15785	22.089	60.674

13.7006	3.00645	49.998	49.997	50.005	28.41	0.236	0.027976	15785	20.685	64.764
13.6719	2.99609	49.997	50.004	50.002	28.67	0.25	0.035224	15785	18.707	68.768
13.6517	2.99793	49.995	50.005	49.997	29.91	0.236	0.023019	15785	17.11	68.031
13.6563	3.0018	50.002	49.993	50.003	30.02	0.254	0.010028	15785	15.25	72.928
13.6695	2.999	50.001	49.995	49.996	29.22	0.246	0.01894	15785	14.375	77.566
13.661	2.99762	49.998	50.001	49.999	28.39	0.237	0.007281	15785	13.429	81.157
13.6542	2.9997	50	50	49.999	27.84	0.246	0.009167	15785	12.795	83.468
13.6672	2.99955	50.004	50	49.997	27.17	0.248	0.017312	15785	12.271	84.575
13.6551	2.99554	49.997	49.999	50.001	26.55	0.25	0.011313	15785	12.09	84.914
13.6679	2.99966	50.001	49.999	50.002	26.43	0.25	0.014244	15785	11.838	85.353
13.6391	2.98909	49.997	49.997	50.003	26.21	0.254	0.009309	15785	11.174	88.401
13.6998	3.00782	49.997	49.997	50.001	26.47	0.244	0.01172	15785	11.687	88.779
13.65	2.9952	50.002	50.002	50.003	29.25	0.247	0.037629	15785	13.489	85.243
13.6586	3.00058	49.997	49.998	49.996	28.08	0.236	0.024591	15785	16.175	77.085
13.6702	2.99766	49.999	49.999	49.996	27.81	0.231	0.018213	15785	18.295	68.3
13.6579	2.99899	50.005	49.992	49.995	27.82	0.238	0.034396	15785	19.46	67.119
13.6959	3.00284	50.004	49.998	49.997	27.62	0.244	0.038212	15785	20.825	62.558
13.6497	2.99743	49.999	50	49.998	27.54	0.246	0.028301	15785	21.939	58.686
13.6703	2.99801	49.994	49.998	49.998	27.68	0.23	0.031441	15785	23.112	54.852
13.6559	2.99772	49.992	50.003	49.998	27.4	0.245	0.020546	15785	24.255	53.157
13.6992	3.00987	50.003	49.997	49.999	27.7	0.242	0.008951	15785	24.355	55.466
13.6733	3.00463	49.998	49.999	50.004	27.85	0.238	0.028739	15785	24.675	52.769
13.6582	2.99515	50.001	49.997	50.004	27.85	0.232	0.036185	15785	25.637	52.07
13.6715	3.00098	49.999	49.995	50.001	28.03	0.232	0.040199	15785	23.733	54.314
13.6536	2.99718	49.995	49.999	50	27.97	0.23	0.029773	15785	23.393	55.826
13.6804	3.0016	50	50.002	50.003	28.17	0.232	0.010098	15785	21.899	62.614
13.6582	2.99956	49.999	49.993	49.998	28.55	0.234	0.009899	15785	19.972	67.466
13.641	2.99404	49.997	49.997	50.001	29.22	0.241	0.012843	15785	18.587	70.728
13.6599	3.00194	50.008	49.999	50	29.3	0.242	0.014267	15785	17.21	74.494
13.6635	2.99474	49.995	50.003	49.997	29.91	0.239	0.030538	15785	16.557	77.033
13.6448	2.99805	50.005	49.999	49.998	29.31	0.243	0.013304	15785	16.064	78.926
13.6614	3.00026	50.001	50	50.001	29.25	0.242	0.016751	15785	16.014	82.105
13.6843	3.00574	50.005	49.998	50	29.76	0.242	0.010947	15785	16.708	82.56
13.6727	2.99611	49.998	50.001	50	29.71	0.244	0.020674	15785	18.516	76.408
13.6679	3.00399	50.003	50	49.996	29.22	0.232	0.01351	15785	18.777	77.334
13.6825	2.99657	49.997	50.005	50	29.09	0.237	0.019865	15785	19.059	78.626

13.6917	3.00377	49.996	49.996	50.002	28.46	0.238	0.013377	15785	19.741	78.109
13.6782	2.99628	50	50.002	50.003	29.15	0.238	0.042948	15785	17.843	92.202
13.6679	2.99858	49.996	50.002	50	29.91	0.25	0.006474	15785	17.622	95
13.6456	2.99511	50.006	50.003	50.005	29.26	0.235	0.012228	15785	18.617	93.628
13.6565	2.99883	49.995	50.006	50.004	29.43	0.244	0.023093	15785	19.279	92.522
13.6863	3.00768	49.998	49.997	50.001	27.94	0.233	0.010061	15785	21.758	86.815
13.6938	3.00394	50	49.999	49.995	27.84	0.229	0.032301	15785	22.721	86.594
13.6784	3.00377	50.001	50.001	50	27.89	0.229	0.04067	15785	23.072	87.814
13.676	3.00065	49.994	49.995	49.997	27.84	0.24	0.030121	15785	25.777	82.518
13.6779	3.00127	50.004	49.998	50.005	28.72	0.228	0.019684	15785	21.838	92.245
13.646	2.99823	49.998	50	49.996	28.52	0.226	0.007567	15785	21.668	85.03
13.6939	3.00922	49.999	49.994	49.998	28.31	0.23	0.009527	15785	22.671	86.06
13.7033	3.01063	49.996	49.999	50.003	28.22	0.235	0.010584	15785	22.781	88.892
13.6649	3.00072	49.997	50.001	50	28.48	0.24	0.013326	15785	21.086	93.213
13.6729	2.99894	49.998	50.004	50	29.31	0.238	0.025167	15785	20.052	94.456
13.6826	2.99888	49.998	50	50.002	28.57	0.228	0.010964	15785	20.153	92.421
13.6516	2.99691	50.005	49.998	50.002	28.83	0.232	0.012181	15785	19.922	91.413
13.6829	2.99815	50	49.998	50.008	28.89	0.246	0.009022	15785	18.868	91.17
13.6672	2.99425	50	50.001	50.001	28.77	0.251	0.005896	15785	18.597	92.531
13.6557	3.00278	49.997	49.995	49.997	28.69	0.238	0.012619	15785	18.426	93.123
13.6958	3.0096	50.001	50.007	50.002	29.09	0.231	0.014019	15785	18.486	93.662
13.6397	2.99422	50.001	49.994	50.001	28.62	0.232	0.010383	15785	18.536	94.013
13.6716	3.00217	50.001	50.005	50.006	29.22	0.23	0.033335	15785	18.315	94.806
13.6849	3.00256	50.003	49.996	49.998	29.17	0.239	0.014523	15785	18.104	95.061
13.6609	2.99423	49.997	50.003	50.003	28.27	0.237	0.009491	15785	18.838	92.407
13.6572	2.99713	49.996	49.996	49.997	27.9	0.247	0.020314	15785	19.731	87.392
13.6638	3.00352	49.997	49.993	49.997	27.5	0.233	0.007809	15785	21.086	81.625
13.6755	3.00175	49.999	50.001	50	27.4	0.238	0.016714	15785	22.962	75.798
13.6898	3.00808	49.996	50.001	49.996	27.51	0.244	0.031566	15785	24.034	70.727
13.6665	2.99811	50.001	50.003	49.995	27.87	0.226	0.013752	15785	25.267	65.272
13.6727	3.00236	49.996	50.003	50.002	27.6	0.23	0.025973	15785	26.358	62.646
13.6505	2.99281	49.997	49.994	49.995	27.63	0.235	0.019236	15785	27.129	57.427
13.6525	2.99364	49.999	50.003	49.996	27.69	0.23	0.036329	15785	27.849	51.14
13.6631	2.99583	49.999	49.996	49.999	27.76	0.225	0.04036	15785	26.779	50.644
13.6731	3.0007	49.999	50.007	49.999	28.59	0.246	0.050816	15785	19.34	62.347
13.6999	3.0078	50.002	50.006	50.001	28.51	0.244	0.033208	15785	19.992	85.615

13.6786	3.00171	50.003	49.996	49.999	27.88	0.232	0.041811	15785	22.771	72.096
13.6548	2.99842	50.001	50	50.001	28.06	0.235	0.016072	15785	21.899	73.016
13.664	3.00063	49.994	50	49.996	28.63	0.239	0.020236	15785	19.771	74.407
13.6601	2.99869	49.996	50.004	50.004	28.96	0.231	0.022481	15785	18.034	83.805
13.664	2.9944	49.999	50.005	50.002	29.06	0.238	0.01665	15785	17.572	79.143
13.667	3.00455	50.001	50.004	49.998	29.52	0.241	0.018498	15785	16.054	86.283
13.6474	2.99109	50	50.004	50	30.19	0.235	0.02329	15785	14.999	89.533
13.6983	3.0005	50.003	49.997	49.997	30.1	0.251	0.01522	15785	14.556	90.181
13.697	3.00343	50	50.008	49.997	30.12	0.244	0.028744	15785	13.771	92.881
13.6653	2.99778	49.997	49.998	50.002	29.91	0.242	0.018784	15785	13.822	94.839
13.6777	3.00214	50.003	49.997	50	29.91	0.241	0.02365	15785	13.449	95.512
13.6697	3.00112	50.002	50.001	50.001	29.87	0.253	0.026274	15785	13.167	95.648
13.6724	3.0018	50.002	50	49.996	28.65	0.235	0.011447	15785	14.817	93.71
13.657	3.00062	50.003	49.995	50.003	27.96	0.244	0.021618	15785	18.888	83.449
13.6764	3.00307	49.998	49.997	50.002	27.41	0.243	0.040828	15785	21.578	75.062
13.6714	3.00288	50.008	49.996	50.001	27.42	0.23	0.026681	15785	24.265	65.515
13.6741	3.00159	50.007	50.004	50.001	27.66	0.226	0.019761	15785	25.507	55.536
13.6468	2.99799	50.003	49.997	49.997	27.72	0.234	0	15785	26.508	52.122
13.6653	2.9959	49.997	50.002	49.999	27.39	0.236	0.045087	15785	27.399	49.065
13.6901	3.00315	49.997	49.994	49.999	27.6	0.226	0.029464	15785	28.09	49.999
13.6956	3.00306	49.998	50.002	50.001	27.74	0.226	0.055646	15785	29.19	42.579
13.6519	2.99897	50.001	49.998	49.995	27.84	0.226	0.088293	15785	29.41	49.58
13.696	3.00353	50.001	50.005	50.002	27.85	0.225	0.057699	15785	29.67	51.897
13.7087	3.01071	50.002	49.999	50.002	27.88	0.227	0.02218	15785	29.48	48.604
13.6748	3.00135	50.002	49.998	50.002	27.91	0.233	0.014495	15785	28.5	49.269
13.6525	2.99713	50	50.001	50.001	27.96	0.23	0.010735	15785	26.729	53.687
13.6884	3.00586	50.004	50.005	50	28.09	0.24	0.034466	15785	25.216	58.936
13.6536	2.99116	50.001	50.001	50.003	28.12	0.232	0.03829	15785	24.716	61.36
13.684	3.00491	50	50	50	28.1	0.231	0.025022	15785	23.403	67.985
13.6836	3.00236	49.998	50.001	49.998	28.53	0.233	0.031505	15785	22.911	71.198
13.6524	2.99461	50.003	49.998	50	28.15	0.234	0.020588	15785	22.691	73.027
13.6998	3.00832	49.998	49.997	50.006	28.3	0.241	0.022872	15785	21.969	74.785
13.6819	3.00116	50	49.999	49.997	28.35	0.233	0.02541	15785	21.227	77.759
13.6699	3.00137	50.003	50.002	50.006	28.52	0.232	0.016605	15785	20.905	79.328
13.6405	2.99256	49.999	49.999	49.998	28.46	0.245	0.018447	15785	21.156	77.824
13.698	3.00608	50	49.999	50.004	28.55	0.235	0.023227	15785	21.347	77.522

13.6747	2.99864	50	49.999	50.002	28.55	0.243	0.025803	15785	20.695	84.157
13.6782	3.00505	50.002	49.992	49.997	27.88	0.246	0.028666	15785	23.563	73.138
13.6797	3.00693	50.002	49.997	50	28.3	0.239	0.012489	15785	21.919	78.141
13.666	3.0023	49.998	50.006	49.999	27.46	0.226	0.068165	15785	25.507	70.627
13.6581	3.00473	50.004	49.995	49.998	27.6	0.24	0.044545	15785	26.929	64.957
13.6589	2.99645	49.997	50.001	49.995	27.4	0.225	0.084128	15785	28.08	65.267
13.6565	3.0035	49.998	50.004	50	27.77	0.225	0.054977	15785	29.09	60.914
13.6811	2.99928	49.998	50.001	49.999	27.83	0.241	0.035928	15785	30.28	62.294
13.6571	3.00248	50	49.992	49.994	28.69	0.237	0.067853	15785	31.579	60.523
13.6828	3.0002	50.001	49.998	49.997	30.49	0.224	0.085431	15785	31.779	57.318
13.7044	2.99721	50.002	49.995	49.997	29.28	0.23	0.032841	15785	30.98	59.871
13.657	3.00166	50.002	50	49.997	27.97	0.226	0.036484	15785	29.74	65.604
13.6798	2.99963	49.988	50.001	49.998	27.84	0.224	0.023842	15785	28.12	61.807
13.645	2.99287	50.005	50.002	49.999	27.85	0.232	0.015581	15785	25.998	58.594
13.6821	2.99743	49.997	50.005	50.007	27.94	0.233	0.006788	15785	24.655	66.051
13.6748	3.00528	50	49.999	50.007	28.49	0.233	0.021794	15785	22.901	74.31
13.6787	3.00371	49.997	49.996	49.996	28.13	0.233	0.014242	15785	22.35	76.054
13.7028	3.01096	49.999	49.994	50	28.34	0.233	0.010548	15785	21.247	80.73
13.6686	3.00024	50	50	49.995	28.53	0.244	0.011718	15785	21.076	81.133
13.6819	2.99756	50	49.995	50.003	28.4	0.236	0.022131	15785	21.116	81.039
13.6756	2.99652	50.003	49.999	49.989	28.65	0.236	0.005004	15785	20.283	82.879
13.659	2.99558	49.997	49.998	50.003	28.84	0.247	0.018209	15785	19.812	85.499
13.6831	3.0072	49.996	50.002	50.006	28.79	0.239	0.02023	15785	19.53	86.856
13.6712	3.00417	49.999	50.003	50.008	28.54	0.232	0.01322	15785	19.52	88.737
13.6688	3.00408	49.997	49.999	49.999	28.17	0.242	0.008639	15785	20.062	89.25
13.6833	3.0039	50.006	49.998	49.995	27.85	0.232	0.031435	15785	21.758	84.596
13.6491	2.99372	49.996	50.002	50.003	27.93	0.244	0.034923	15785	22.621	81.959
13.6698	3.00046	50.004	50	49.999	27.85	0.244	0.022822	15785	24.184	76.694
13.6658	3.00002	49.992	50.006	50.001	27.82	0.237	0.028734	15785	24.996	71.669
13.6797	3.00208	50.001	49.995	50.002	27.84	0.228	0.054268	15785	25.667	72.162
13.6655	3.00016	49.995	49.996	50.001	27.84	0.236	0.035464	15785	27.839	67.831
13.6858	3.00538	50.003	49.998	50	27.85	0.227	0.023175	15785	27.839	67.626
13.6678	2.99519	49.998	50.001	50.006	27.87	0.24	0.043769	15785	28.04	69.152
13.6635	2.99627	49.999	49.991	50	27.84	0.24	0.048625	15785	28.55	66.95
13.6883	3.00968	50.001	49.995	50	27.92	0.235	0.006468	15785	27.96	72.163
13.7034	3.00906	49.991	49.997	49.996	27.87	0.235	0.035301	15785	25.457	69.989

13.6833	3.00545	50.002	49.999	49.996	28.22	0.234	0.01538	15785	22.089	75.326
13.6567	3.00045	50.003	50	50.001	28.23	0.232	0.029046	15785	21.186	76.871
13.6712	3.00289	50.003	50	50.002	28.6	0.238	0.032268	15785	20.293	82.169
13.6728	3.00509	50.004	50.002	49.997	28.61	0.232	0.021087	15785	19.932	83.631
13.7008	3.01245	50.004	49.996	49.995	28.57	0.236	0.015618	15785	19.37	89.746
13.7148	3.00809	50.002	50.005	50.003	28.52	0.248	0.029496	15785	19.159	92.537
13.6692	2.99992	50.002	50.001	50	28.25	0.246	0.011338	15785	20.323	91.954
13.6612	2.99846	50.002	50.001	50.003	28.7	0.236	0.041257	15785	19.801	90.584
13.6719	3.0029	50	49.999	49.999	28.55	0.24	0.01586	15785	18.406	95.008
13.6951	3.01081	49.999	50.003	50.006	28.84	0.235	0.017619	15785	18.546	95.577
13.6573	3.00222	50	49.997	49.998	29.07	0.23	0.004515	15785	18.978	95.869
13.6668	3.00355	50.001	49.999	49.996	28.62	0.236	0.008528	15785	19.32	94.892
13.6828	3.00444	49.996	50.003	50.007	28.79	0.229	0.016105	15785	19.048	95.4
13.7025	3.00267	49.999	49.998	49.996	28.53	0.242	0.010525	15785	19.34	95.389
13.6856	3.00521	50.005	49.996	49.998	28.34	0.239	0.022527	15785	19.3	93.669
13.6355	2.99303	50	49.998	49.998	28.37	0.236	0.005094	15785	19.942	93.946
13.6941	3.00653	49.993	49.997	50.002	28.34	0.232	0.027803	15785	20.785	92.257
13.6662	2.99728	49.994	49.999	49.995	27.89	0.232	0.030887	15785	22.781	88.015
13.6519	2.99782	49.995	50	49.992	28.09	0.236	0.013457	15785	22.681	88.773
13.6934	2.99959	50.003	49.998	49.999	27.86	0.231	0.025414	15785	23.713	86.924
13.6374	2.9968	50.006	50.002	49.999	27.84	0.225	0.092474	15785	23.603	88.996
13.6887	3.0074	49.999	49.994	50.006	27.88	0.247	0.035548	15785	21.026	90.39
13.6743	2.99781	50.002	50.002	50.002	28.7	0.232	0.008038	15785	18.315	91.541
13.6632	2.99529	49.999	50.006	50.001	29.22	0.247	0.00893	15785	17.331	90.272
13.7104	3.00553	50.006	50	50	29.57	0.233	0.028671	15785	16.446	90.839
13.671	2.99856	49.995	49.998	50.002	30.01	0.248	0.018736	15785	15.904	91.525
13.6707	2.9964	49.999	49.997	50	29.91	0.24	0.007202	15785	15.662	90.734
13.6368	2.99856	50.003	49.996	50	30.55	0.237	0.009068	15785	15.391	90.94
13.6674	2.99625	50.001	50.004	49.999	30.37	0.244	0.02569	15785	14.918	92.356
13.6841	3.00157	49.998	50	50.002	30.15	0.237	0.011192	15785	14.616	93.879
13.6686	2.99812	50.005	49.997	49.999	29.91	0.243	0.012434	15785	14.435	95.176
13.7001	3.00414	50.001	49.996	49.999	29.92	0.237	0.008125	15785	14.355	95.971
13.6598	2.9966	50.007	50.004	49.997	29.86	0.253	0.026087	15785	14.506	96.479
13.6829	2.99898	49.995	50.009	49.999	29.54	0.234	0.017048	15785	14.636	96.432
13.6493	2.99812	50	50	50.003	29.69	0.252	0.011141	15785	14.858	96.408
13.6886	3.01015	50	50.001	49.996	30	0.252	0.00728	15785	15.401	96.748

13.6839	2.99958	50.001	50.004	50.002	29.44	0.236	0.015583	15785	15.883	96.773
13.6285	2.99123	50	50	50.003	28.55	0.236	0.029431	15785	17.23	96.667
13.6825	2.99888	49.999	50.003	50.003	28.02	0.234	0.019233	15785	19.751	90.029
13.6803	2.99945	50.004	49.997	49.998	27.84	0.232	0.061749	15785	23.272	83.926
13.6767	3.00147	49.998	50	50.002	27.79	0.232	0.0686	15785	25.086	82.052
13.6573	2.99928	49.999	49.991	50.001	27.69	0.228	0.04483	15785	26.719	78.049
13.6561	2.99602	50.002	49.999	50.001	27.83	0.225	0.084665	15785	28.42	75.605
13.6929	3.00747	50.004	49.995	49.998	28.07	0.243	0.032546	15785	23.703	77.678
13.6827	3.00034	49.996	49.999	50.001	27.85	0.226	0.069662	15785	26.658	79.845
13.6856	3.00398	49.996	50.004	49.999	27.84	0.242	0.045524	15785	29.66	69.586
13.6581	3.0053	49.999	50.006	50.001	28.15	0.236	0.050574	15785	26.789	82.158
13.663	2.99514	50.001	50.004	49.993	28.55	0.248	0.019441	15785	20.905	91.563
13.6501	2.99768	50	50.001	49.997	29.01	0.24	0.021598	15785	20.785	90.378
13.6681	2.9917	50.004	50.002	50.004	28.67	0.237	0.015996	15785	20.364	93.533
13.6456	2.98691	49.997	49.998	50.001	28.45	0.248	0.010453	15785	19.922	94.442
13.6667	3.00039	49.999	49.994	50.003	28.48	0.237	0.019742	15785	20.333	94.979
13.6833	2.99741	50.002	50.001	49.997	28.72	0.245	0.007589	15785	19.741	95.361
13.6906	3.00595	49.998	50.003	50.001	28.94	0.243	0.008431	15785	19.842	96.299
13.6697	3.0045	49.998	49.999	50.002	28.91	0.245	0.015923	15785	20.163	95.785
13.6557	2.9994	50.001	50.003	50.001	28.66	0.239	0.011793	15785	20.344	95.071
13.6672	2.99358	50	50.001	50.006	28.83	0.244	0.007707	15785	20.354	94.849
13.662	2.99937	50.002	49.998	49.995	28.53	0.236	0.016495	15785	20.233	93.956
13.6782	3.00661	50.005	50.008	50.002	29.13	0.25	0.006341	15785	19.771	95.859
13.6587	3.00281	50.002	50	49.998	28.76	0.251	0.007044	15785	20.163	96.54
13.6558	3.00046	49.997	50.001	50	28.56	0.238	0.013304	15785	20.534	96.352
13.6851	3.00483	50	50.002	50.002	28.55	0.241	0.009853	15785	21.146	94.33
13.6768	2.99979	50	50.004	50.002	28.35	0.248	0.031636	15785	21.949	93.063
13.6662	2.99688	49.999	49.995	50.001	27.96	0.246	0.059748	15785	23.363	90.917
13.6958	2.99941	49.995	50.002	49.999	27.61	0.232	0.039045	15785	25.006	79.18
13.6859	2.99756	50.007	49.998	49.994	27.77	0.242	0.028918	15785	25.337	78.09
13.6571	3.00016	49.999	49.997	50.006	27.84	0.235	0.032126	15785	25.867	79.303
13.6559	2.99301	50.003	49.997	50	27.82	0.234	0.03569	15785	27.049	73.325
13.6747	3.00062	50	49.995	49.999	27.73	0.229	0.039649	15785	27.599	68.987
13.6746	2.99935	50.006	49.997	49.998	27.84	0.227	0.074882	15785	28.2	67.806
13.6532	2.99542	49.999	50.006	50.001	27.94	0.228	0.048935	15785	27.98	70.417
13.6661	3.00416	50.004	50.001	50.005	27.85	0.228	0.021319	15785	27.409	67.051

13.6698	2.99613	50.003	50	50	28.06	0.227	0.040264	15785	26.298	80.304
13.6959	3.0058	50.009	50	50.004	28.99	0.232	0.026312	15785	21.377	93.794
13.6706	3.00047	50	50.001	49.998	28.37	0.247	0.011463	15785	22.25	92.346
13.683	3.00555	49.995	50.002	50.001	28.53	0.229	0.021649	15785	21.849	91.378
13.6592	2.9899	50.002	49.998	49.996	28.27	0.249	0.014148	15785	21.638	91.676
13.6688	3.00194	49.997	49.996	50.002	28.54	0.237	0.015717	15785	21.387	92.386
13.6719	3.00062	50.003	50	50.005	28.45	0.239	0.011641	15785	21.277	93.998
13.6551	2.99341	49.996	49.998	49.994	28.48	0.239	0.037374	15785	21.327	94.513
13.6558	3.0018	50.006	50.007	50.005	28.53	0.24	0.016283	15785	21.227	95.534
13.6569	2.99937	50.003	50	49.997	28.37	0.242	0.006259	15785	21.076	93.533
13.6588	2.99359	50.002	50.001	50.006	28.54	0.239	0.011821	15785	20.986	94.607
13.6735	2.99805	50.004	49.993	50.003	28.29	0.239	0.014883	15785	21.327	93.758
13.6886	2.99722	50.008	50.005	49.994	28.09	0.239	0.016535	15785	21.889	93.048
13.696	3.01082	50.002	49.995	49.997	27.84	0.228	0.053087	15785	23.052	90.434
13.652	2.99318	50	49.999	50	27.84	0.233	0.058976	15785	24.996	84.26
13.6456	2.99489	49.999	50	49.996	28.27	0.242	0.025694	15785	22.51	92.88
13.7079	3.01153	50.002	50.001	50	27.85	0.235	0.048525	15785	24.515	86.234
13.6681	2.99952	49.997	50.005	50.001	27.84	0.233	0.091645	15785	26.658	80.111
13.6803	3.00121	49.999	50.003	50.001	27.84	0.23	0.039926	15785	27.279	77.206
13.6726	3.00605	50.002	50.003	49.997	27.74	0.233	0.075405	15785	27.859	74.911
13.6698	2.99906	50.003	50.003	50	27.59	0.238	0.083771	15785	27.729	74.326
13.6856	3.00657	49.999	50.002	50.007	27.84	0.23	0.032202	15785	26.608	77.673
13.6799	3.00254	50.004	50	50	27.84	0.233	0.035775	15785	26.358	75.868
13.6359	2.99282	49.997	50.001	50	28.01	0.236	0.045043	15785	24.515	89.016
13.6786	3.0064	50.001	50.006	50.006	28.75	0.241	0.017315	15785	20.183	94.984
13.6897	3.00422	49.998	50.001	49.997	28.54	0.241	0.006656	15785	20.213	95.665
13.6399	2.99588	50	50.001	50.003	29.05	0.233	0.012571	15785	20.424	96.122
13.6464	3.00077	50.003	50.005	50.002	28.77	0.246	0.00931	15785	20.574	96.073
13.6702	3.00264	50.002	49.997	50.002	28.55	0.234	0.029891	15785	20.514	96.235
13.6744	3.00213	50	49.999	50.005	28.58	0.232	0.019534	15785	20.745	96.386
13.6874	3.00169	50.004	50.002	49.997	28.36	0.23	0.012765	15785	20.625	94.512
13.6524	2.99763	50.001	49.998	49.999	28.49	0.246	0.016072	15785	20.073	94.547
13.699	3.00242	49.994	49.998	49.994	28.75	0.251	0.030354	15785	19.32	92.44
13.6419	2.99579	49.998	50.003	49.999	28.53	0.251	0.011668	15785	19.079	92.517
13.6544	3.00159	49.997	49.997	49.997	29.18	0.242	0.012963	15785	18.898	88.872
13.6844	3.00296	49.996	49.998	50	28.72	0.24	0.024482	15785	18.697	90.656

13.6692	3.00316	50.001	49.995	50	28.28	0.235	0.015999	15785	19.942	86.342
13.6563	2.99145	50.001	50	50	27.85	0.232	0.030215	15785	20.123	80.437
13.6441	2.98775	49.995	49.998	49.998	27.79	0.231	0.019746	15785	20.946	70.581
13.651	2.99904	49.993	50.004	50.004	27.79	0.239	0.037291	15785	21.788	67.126
13.6666	2.99135	50.003	50.005	49.999	27.81	0.247	0.041429	15785	22.801	62.85
13.6698	3.00117	50.001	50	50.002	27.55	0.23	0.030683	15785	23.884	59.195
13.658	2.99793	50	50	50.002	27.76	0.229	0.034087	15785	23.563	57.522
13.6581	2.99813	50.001	49.998	49.995	27.65	0.226	0.022276	15785	24.455	56.757
13.6596	2.99679	50	49.996	49.998	27.76	0.229	0.081055	15785	25.076	48.448
13.6539	2.99255	49.997	49.995	49.999	27.84	0.242	0.031158	15785	24.144	54.528
13.6819	3.00804	49.997	50.007	50	27.84	0.232	0.058846	15785	24.926	50.372
13.6583	2.99767	50.002	49.997	49.998	27.85	0.236	0.022621	15785	23.994	54.378
13.6471	2.99752	49.996	50.003	50.005	28.48	0.233	0.042722	15785	21.648	60.244
13.7013	3.00619	49.998	49.999	49.999	28.55	0.241	0.027919	15785	20.083	64.692
13.6707	2.99836	50.001	50	49.997	28.76	0.245	0.012163	15785	17.904	65.561
13.6601	2.99596	49.995	50.001	50.001	29.56	0.245	0.022971	15785	16.647	71.243
13.6867	3.00143	50	49.998	50.004	29.88	0.246	0.02552	15785	16.225	73.817
13.6596	2.99982	50.006	50.001	49.999	29.79	0.255	0.00981	15785	15.32	74.915
13.6723	2.99658	50.003	50.001	49.998	29.96	0.242	0.018527	15785	15.19	70.56
13.6888	3.00229	50.001	50.004	50.003	30	0.256	0.020583	15785	14.797	71.898
13.6836	3.00269	49.997	49.993	49.997	30.37	0.239	0.015244	15785	14.848	71.881
13.6708	3.00905	49.995	50.002	49.999	30.57	0.241	0.02879	15785	14.677	75.889
13.6886	3.00347	50.002	50.001	50.004	29.13	0.238	0.031984	15785	14.767	77.676
13.6604	2.99725	49.999	50.007	50	29.62	0.251	0.012295	15785	13.389	85.934
13.6862	3.00353	49.996	50.003	49.998	29.22	0.25	0.02322	15785	13.479	90.931
13.6463	2.99585	50.009	49.993	50.001	28.93	0.25	0.015174	15785	13.479	92.051
13.6493	3.00264	50.004	50.002	50	29.22	0.259	0.009916	15785	13.419	92.587
13.6631	2.99601	50.003	50	49.998	29.92	0.237	0.012485	15785	13.902	91.87
13.6481	3.00159	50.002	50.004	49.999	28.71	0.257	0.02358	15785	15.23	92.077
13.6418	2.99215	50	49.999	49.999	28.07	0.241	0.015409	15785	16.446	88.253
13.6687	2.99839	49.999	50.002	49.999	27.96	0.242	0.029102	15785	17.471	87.813
13.688	3.00139	50.002	49.99	49.995	27.84	0.248	0.019018	15785	18.797	85.142
13.653	2.99258	49.997	49.996	49.991	27.81	0.236	0.035918	15785	20.885	80.546
13.6782	3.00428	49.995	50.008	50.005	27.84	0.232	0.015648	15785	20.926	81.667
13.7109	3.01163	50.003	50	49.992	27.84	0.237	0.029553	15785	22.27	80.717
13.7038	3.00059	50	50.004	50.001	27.91	0.245	0.032832	15785	21.538	83.056

13.6677	2.99339	50.001	49.996	50.001	27.86	0.233	0.024316	15785	21.307	86.093
13.6817	2.99953	50.002	50	49.998	28.34	0.236	0.009347	15785	20.956	87.924
13.681	3.00382	49.999	50.001	50.008	28.58	0.232	0.010384	15785	19.691	91.888
13.6494	2.99527	49.999	50.003	49.995	28.53	0.245	0.011536	15785	19.179	94.271
13.6786	2.99926	49.997	50.004	50	28.78	0.252	0.012816	15785	18.436	95.68
13.6818	2.99796	49.999	50.007	50.003	29.16	0.249	0.014238	15785	18.366	95.904
13.6552	2.99188	49.998	50.003	50	28.91	0.24	0.015818	15785	18.386	96.063
13.6818	3.00227	50.002	50.002	50.005	28.86	0.232	0.017573	15785	17.994	96.046
13.663	2.993	50.004	49.997	50.002	28.56	0.24	0.011484	15785	19.852	96.545
13.6746	3.00353	49.997	49.999	49.995	28.53	0.229	0.012758	15785	20.785	96.488
13.6462	2.99608	49.998	50.003	50.001	28.52	0.244	0.016063	15785	21.387	96.11
13.6933	3.00318	50.001	50.001	50.005	28.49	0.234	0.017845	15785	21.548	94.804
13.6622	3.0016	50.002	49.997	50.003	28.44	0.247	0.033702	15785	21.899	93.929
13.653	2.99719	49.996	50.005	50	28.6	0.251	0.012955	15785	20.785	95.413
13.6731	2.99928	50.002	50.002	50.009	28.33	0.24	0.016311	15785	21.818	91.486
13.6522	2.99481	50.005	50	49.999	27.85	0.236	0.030806	15785	24.275	87.473
13.6798	3.00463	50.001	49.998	50.003	27.86	0.23	0.038787	15785	24.275	85.977
13.6693	2.99897	50.001	50.001	50.001	27.84	0.233	0.025347	15785	25.327	78.144
13.6698	3.00249	50.001	50.007	50.002	27.71	0.242	0.081379	15785	25.587	73.498
13.6616	3.00006	50.002	50.002	49.998	27.83	0.243	0.090408	15785	25.216	71.739
13.6906	3.00858	50	50.003	49.997	27.84	0.236	0.066958	15785	25.487	62.896
13.6898	3.00474	50.003	49.999	50	27.85	0.237	0.025739	15785	24.435	69.088
13.6667	2.99968	49.998	49.999	49.999	27.85	0.236	0.028595	15785	23.934	67.819
13.6644	2.99806	50.002	49.996	50.004	27.89	0.245	0.021178	15785	23.503	63.914
13.6878	3.00695	50	49.998	50.002	27.92	0.23	0.039997	15785	23.132	70.137
13.6754	3.00244	50	49.998	49.998	28.2	0.237	0.017425	15785	22.119	78.423
13.695	3.00089	50.001	50.002	50	28.54	0.234	0.019359	15785	20.073	88.968
13.6989	3.00248	49.997	50.017	50.003	28.98	0.247	0.036561	15785	20.093	86.891
13.6568	2.99249	49.999	50.006	50.003	28.56	0.236	0.014054	15785	18.737	82.787
13.6443	2.99897	50	49.998	49.997	28.84	0.237	0.009184	15785	17.471	77.091
13.6694	3.00252	50	50	50.002	30.32	0.24	0.017346	15785	16.527	78.017
13.6445	3.00141	49.995	49.999	50.003	30.46	0.243	0.011335	15785	15.602	81.589
13.6708	3.00026	49.997	50	49.996	29.92	0.247	0.014272	15785	14.677	84.944
13.6895	3.00263	49.999	49.997	50.002	29.43	0.246	0.026954	15785	14.103	85.435
13.6585	2.99481	50.001	49.997	50.001	28.6	0.248	0.010361	15785	13.328	82.296
13.6883	3.00627	50	50.005	50	28.22	0.259	0.011511	15785	12.906	81.808

13.7254	3.01243	50.002	50.003	50.003	28.77	0.248	0.036957	15785	13.61	81.965
13.6771	3.00003	49.999	50.007	49.998	28.76	0.255	0.024151	15785	15.381	75.613
13.6183	2.98944	50.005	49.997	50.003	27.97	0.253	0.015783	15785	17.17	72.788
13.6542	2.99498	50.002	49.991	49.998	28.08	0.239	0.017534	15785	18.265	70.587
13.6964	3.00084	50.002	49.999	50	27.83	0.24	0.022076	15785	19.992	66.955
13.6431	2.99688	49.996	50	50	27.84	0.231	0.041693	15785	20.685	68.247
13.6935	3.00228	49.998	50.001	50.001	27.84	0.236	0.027246	15785	21.487	62.458
13.6629	2.99835	50.002	50.001	49.996	27.68	0.243	0.030269	15785	22.34	54.087
13.6433	2.99445	50	50.003	50.004	27.8	0.232	0.057166	15785	22.631	53.532
13.6829	3.00617	49.999	50.002	50.001	27.83	0.226	0.063508	15785	22.29	52.351
13.6568	2.99836	49.997	49.999	49.997	27.87	0.237	0.024413	15785	22.029	47.356
13.6467	2.99601	50.011	50	49.999	27.99	0.238	0.018081	15785	20.504	52.706
13.6837	2.9972	49.999	49.995	49.991	28.38	0.251	0.034148	15785	19.52	61.874
13.6513	2.99307	50	49.999	50	28.53	0.243	0.013127	15785	18.888	69.11
13.6666	3.00249	49.999	50.004	49.997	29.22	0.245	0.042145	15785	17.351	77.066
13.6912	3.00115	49.996	50.003	49.996	29.78	0.246	0.010801	15785	16.376	81.662
13.6713	3.00092	49.998	50.001	50.001	29.25	0.258	0.007058	15785	15.914	80.626
13.6808	2.99991	50	50	50.001	30.35	0.245	0.01333	15785	15.139	79.951
13.639	2.99405	49.997	49.999	49.999	30.02	0.254	0.014809	15785	14.435	82.2
13.6836	3.00781	49.996	49.996	49.998	29.39	0.244	0.027968	15785	13.479	84.667
13.6572	3.00201	49.995	49.997	50.004	28.75	0.24	0.007167	15785	12.926	85.086
13.6433	2.99827	49.998	49.999	49.998	28.53	0.255	0.013537	15785	12.906	86.032
13.6681	3.00008	49.999	50.007	50.005	29.22	0.24	0.015038	15785	13.731	84.506
13.6426	2.99567	49.999	50.005	50	29.99	0.258	0.028401	15785	13.842	84.339
13.6939	3.00472	49.996	49.998	49.998	29.22	0.251	0.003778	15785	14.465	84.168
13.6712	2.99874	49.998	50.006	49.999	28.86	0.237	0.013746	15785	15.572	83.024
13.6869	3.00485	50.003	50.002	50.002	29.03	0.244	0.015271	15785	15.723	83.969
13.6698	3.00412	50.004	50.004	50	27.85	0.234	0.04903	15785	19.761	75.538
13.6944	3.00189	50.003	49.994	49.998	27.84	0.243	0.018848	15785	20.344	82.157
13.6694	3.00467	50	50.001	50.001	27.36	0.243	0.012317	15785	22.911	74.696
13.6676	3.00001	50.006	49.994	50	27.8	0.243	0.039545	15785	24.365	71.128
13.6754	3.00352	49.999	49.999	49.997	27.78	0.239	0.025842	15785	24.365	71.89
13.6704	3.00104	50.005	49.994	49.995	27.78	0.233	0.032537	15785	24.495	73.674
13.6519	2.99652	50.001	50	49.998	27.76	0.227	0.06145	15785	26.488	65.121
13.6601	2.99649	50.002	50.002	50.002	27.84	0.233	0.068267	15785	25.978	66.923
13.6819	3.0037	49.995	49.992	49.998	27.81	0.23	0.075841	15785	27.709	63.316

13.642	2.99259	49.999	49.997	50.001	27.93	0.236	0.049562	15785	25.377	73.986
13.6698	2.99258	50.003	49.998	49.995	28.54	0.238	0.036707	15785	20.785	93.55
13.6944	3.00173	50.002	50.002	50.006	28.49	0.234	0.01411	15785	20.715	92.378
13.6587	2.99445	41.263	40.791	48.77	22.71	0.255	0	15785	19.691	89.422
13.6522	2.99828	50.002	49.994	49.997	28.77	0.24	0.012876	15785	19.892	87.112
13.6272	2.99009	50	49.999	49.994	28.66	0.248	0.014305	15785	19.47	91.484
13.6731	3.00325	50	50	50.001	28.61	0.238	0.030618	15785	19.44	91.548
13.6702	3.0001	49.997	49.994	50.001	28.52	0.24	0.006923	15785	18.787	93.718
13.6777	2.99787	50	49.995	50	29.22	0.246	0.022228	15785	18.667	94.362
13.6745	3.00382	49.994	50.006	50.001	28.54	0.248	0.008545	15785	19.199	94.141
13.6902	3.00932	49.997	50	50.001	28.52	0.235	0.016138	15785	19.289	94.39
13.6685	2.99527	50	50	49.993	28.32	0.247	0.017928	15785	20.062	92.447
13.66	3.00075	49.998	49.997	50.001	28.03	0.233	0.033859	15785	20.755	90.513
13.6632	2.99555	50.002	50.003	50.002	27.84	0.23	0.063946	15785	23.212	86.509
13.6735	3.00297	49.998	50.004	49.999	27.66	0.232	0.080512	15785	24.806	79.805
13.6689	3.00143	50.004	50	50.003	27.79	0.236	0.152056	15785	25.607	76.379
13.687	3.00511	49.998	50.005	50	27.82	0.238	0.099368	15785	26.688	72.041
13.6628	2.99505	50.001	49.997	49.998	27.75	0.228	0.064936	15785	27.619	65.756
13.6826	3.00497	49.998	49.995	50.001	27.85	0.238	0.02829	15785	26.618	67.677
13.6592	2.99829	50.001	49.998	50	27.89	0.239	0.010875	15785	26.148	69.048
13.6537	2.99501	50.001	49.999	50.003	27.94	0.227	0.059357	15785	26.178	69.688
13.6702	2.99869	50.004	49.999	49.999	27.95	0.228	0.065942	15785	26.098	73.369
13.6801	3.00388	50.001	50.001	49.998	27.95	0.244	0.014911	15785	27.239	69.503
13.6449	2.99487	50.002	50.008	50.005	28.34	0.228	0.028161	15785	26.739	72.984
13.6674	3.00352	49.993	50	50.005	28.53	0.236	0.018403	15785	23.473	82.945
13.6554	2.99937	49.996	49.997	49.998	28.58	0.234	0.034756	15785	22.109	89.191
13.6414	2.99251	50.004	49.999	50.001	28.43	0.24	0.013361	15785	20.675	94.389
13.6682	2.9935	50.003	49.995	50.004	28.53	0.243	0.008731	15785	20.133	95.487
13.6611	3.00056	49.999	50	49.999	28.54	0.235	0.016489	15785	20.514	95.004
13.6495	2.99196	50.002	50.002	49.999	28.43	0.242	0.010776	15785	20.464	95.418
13.69	3.00095	50.001	49.998	50.003	28.53	0.251	0.020351	15785	20.484	96.449
13.6872	3.00907	50.004	49.993	50.002	28.45	0.245	0.022609	15785	20.765	95.542
13.6858	3.00807	50.003	50	49.997	28.63	0.241	0.025117	15785	20.745	95.267
13.6326	2.99167	49.995	49.997	50.003	28.51	0.25	0.016414	15785	21.217	93.569
13.6749	3.00205	49.999	50.002	49.996	28.39	0.239	0.018235	15785	21.879	91.639
13.6647	3.00203	49.997	50	49.999	28.04	0.238	0.034439	15785	23.252	89.056

13.6793	3.00289	50.006	49.997	50.001	28.08	0.225	0.013239	15785	23.874	88.814
13.6595	3.00019	49.999	49.998	50.002	28.53	0.244	0.014707	15785	23.463	91.062
13.6688	2.99698	50.002	50.006	49.995	28.55	0.236	0.03148	15785	23.172	91.965
13.6709	2.99419	50.002	50.009	50	28.52	0.248	0.018152	15785	23.002	93.471
13.6569	2.99876	49.999	49.999	49.997	28.03	0.239	0.034281	15785	25.106	85.154
13.6835	3.00038	50.004	49.999	49.999	27.88	0.243	0.187109	15785	25.066	85.881
13.6673	3.00023	50.004	50	50.004	27.96	0.232	0.024888	15785	25.307	85.377
13.6709	3.00239	50.001	50.002	49.995	28.03	0.228	0.13584	15785	25.607	86.56
13.6621	2.99782	49.998	49.995	50.003	27.94	0.229	0.256548	15785	27.249	82.125
13.6646	2.99661	50.006	49.998	49.997	27.97	0.241	0.098619	15785	27.439	81.371
13.6561	2.99828	49.995	50.002	49.994	27.84	0.224	0.064447	15785	27.94	78.408
13.6835	3.00321	50.01	50	49.998	27.93	0.242	0.206916	15785	27.079	80.629
13.6836	3.00017	49.998	49.996	50.003	28.54	0.24	0.101657	15785	22.109	96.257
13.6719	3.00583	50.002	50.002	50.001	28.33	0.231	0.112935	15785	21.939	96.705
13.6788	2.99953	49.995	50.014	50.006	28.51	0.229	0.015022	15785	22.069	96.823
13.6669	3.00132	49.999	49.996	50.003	28.53	0.25	0.092923	15785	22.24	97.011
13.6361	2.99875	50.001	49.995	50.001	28.58	0.243	0.01236	15785	22.2	96.774
13.6605	3.00098	50	49.999	50.004	28.48	0.239	0.023343	15785	21.558	94.07
13.6961	3.0027	49.998	50.002	49.997	28.52	0.233	0.015255	15785	20.354	90.839
13.6576	2.99412	50.001	49.996	50.009	28.65	0.235	0.011298	15785	19.209	86.295
13.6938	3.00401	50.002	50.004	50.005	28.59	0.244	0.012551	15785	18.697	91.313
13.669	2.99558	49.998	50	50.011	28.34	0.241	0.023705	15785	18.998	77.481
13.6898	3.00632	50.003	49.996	50.001	27.85	0.241	0.026334	15785	19.199	71.92
13.6567	3.00015	50.003	49.999	49.997	27.67	0.232	0.143735	15785	20.022	61.392
13.6575	2.99977	50.002	50	49.997	27.47	0.239	0.055253	15785	21.638	62.927
13.6739	3.00444	50	49.999	49.995	27.39	0.232	0.036108	15785	22.41	59.486
13.6632	2.99837	50.001	50	49.998	27.41	0.229	0.068193	15785	23.072	61.099
13.6567	3.00015	49.998	50.002	50.001	27.4	0.236	0.044564	15785	23.904	53.991
13.6733	3.0032	49.997	49.999	50.002	27.49	0.232	0.056109	15785	25.046	54.276
13.6426	2.98861	49.999	49.997	49.998	27.54	0.23	0.036667	15785	25.317	53.935
13.6906	3.00108	49.999	50.001	50.003	27.83	0.23	0.117723	15785	25.797	49.027
13.6888	2.99677	50.001	50	50.003	27.85	0.244	0.017747	15785	25.717	50.183
13.6561	2.99572	50.001	50.007	49.998	27.88	0.233	0.056978	15785	25.737	50.993
13.6596	2.99881	50.006	50.005	50.004	28.3	0.233	0.012884	15785	23.693	61.948
13.6707	3.00606	50.002	50	50	28.49	0.235	0.041366	15785	22.119	72.335
13.6579	2.99278	49.997	50.001	50	28.82	0.242	0.015901	15785	20.765	75.739

13.6595	2.99309	50.002	49.998	50.005	29.23	0.244	0.011777	15785	19.39	84.858
13.6925	3.0006	50	50.003	50.002	28.89	0.253	0.013083	15785	18.858	87.086
13.6476	2.99337	50.003	49.999	50.001	29.23	0.243	0.014535	15785	17.582	89.637
13.6564	2.99533	49.996	50	49.999	29.07	0.243	0.009499	15785	17.411	88.632
13.6958	2.9995	50.001	50	50	29.89	0.251	0.017939	15785	16.969	88.357
13.6781	3.00318	50.001	50	49.998	30.15	0.255	0.011723	15785	15.773	92.216
13.6801	2.99634	49.999	50.001	50.005	29.87	0.259	0.013024	15785	15.441	94.136
13.6589	2.99715	49.995	49.998	49.994	29.92	0.241	0.027876	15785	16.728	93.273
13.6809	3.00085	50	49.997	50.002	29.22	0.238	0.018217	15785	16.627	93.783
13.6683	2.99713	49.994	49.997	49.997	28.98	0.242	0.020238	15785	17.009	93.099
13.6685	2.99761	50.001	49.996	50.002	28.95	0.242	0.038221	15785	17.552	90.979
13.672	2.99902	50.002	50.003	50.002	29.18	0.241	0.042462	15785	17.994	91.552
13.6617	3.00346	49.995	50	49.995	28.99	0.244	0.080193	15785	19.028	88.832
13.6428	2.9975	50.002	49.997	50	27.84	0.233	0.030827	15785	21.257	73.056
13.6891	3.00748	50.009	50.001	50.003	27.93	0.239	0.05822	15785	21.106	69.231
13.6781	3.00755	49.999	49.998	50.001	27.94	0.238	0.064679	15785	21.798	67.271
13.6798	3.00802	50	50	50.003	27.84	0.248	0.042267	15785	22.681	59.982
13.6303	2.99165	50	49.995	50.003	27.82	0.237	0.053217	15785	23.423	59.672
13.6846	3.00291	50.004	50.003	50.004	27.87	0.232	0.012034	15785	25.196	53.981
13.6678	2.99302	49.998	49.999	49.996	28.02	0.233	0.038636	15785	22.47	67.187
13.667	2.99607	50.001	50.001	50.003	28.58	0.25	0.014852	15785	19.912	84.507
13.6437	2.9949	50	49.996	49.996	28.57	0.238	0.009706	15785	19.51	90.394
13.6669	3.0048	50.001	49.995	49.997	28.68	0.239	0.006343	15785	19.159	91.201
13.6439	2.99585	49.993	49.998	50.003	29.21	0.233	0.011979	15785	18.416	93.711
13.6918	3.00279	49.999	49.998	50.004	28.71	0.253	0.015082	15785	18.195	95.572
13.6556	2.98922	49.998	49.995	49.995	28.88	0.237	0.016755	15785	18.145	95.509
13.6663	3.00086	50.005	49.995	49.996	28.64	0.235	0.010949	15785	18.376	94.375
13.6994	3.0082	49.999	49.997	49.997	29.25	0.244	0.020679	15785	18.677	93.621
13.6802	3.00383	49.999	50	49.998	29.15	0.256	0.015315	15785	18.577	94.872
13.7013	3.0063	50.004	50.001	50	29.47	0.243	0.010009	15785	18.687	94.277
13.6668	2.99807	50.004	50.003	50.005	28.84	0.244	0.006541	15785	19.43	92.744
13.6611	3.0018	50	49.994	50.001	29.22	0.254	0.012353	15785	19.229	92.899
13.6672	2.99517	50	50.005	50.002	29.07	0.255	0.008072	15785	18.707	95.132
13.6719	3.00088	50	49.992	49.999	28.55	0.252	0.025917	15785	19.119	93.984
13.6743	3.00514	50.004	49.997	49.994	28.4	0.233	0.016937	15785	20.093	91.896
13.668	3.00174	49.998	49.998	49.997	27.84	0.236	0.092442	15785	23.393	80.694

13.671	3.00208	50.001	49.997	49.999	27.67	0.229	0.068465	15785	23.884	77.822
13.6966	3.00665	49.995	49.998	49.996	27.84	0.229	0.044742	15785	24.916	73.424
13.6542	2.99722	49.996	49.999	49.999	27.92	0.24	0.029238	15785	23.292	78.85
13.6809	2.99674	50.001	50.003	50.001	27.92	0.233	0.05522	15785	23.653	76.206
13.6855	3.0079	49.998	49.997	50.004	27.84	0.237	0.118193	15785	24.295	77.015
13.6769	3.00326	50.002	50	50.006	27.9	0.236	0.026726	15785	23.984	79.579
13.6954	3.00841	49.998	49.994	49.997	27.84	0.236	0.029691	15785	24.806	75.094
13.7078	3.00516	50.004	50.001	50.002	28.03	0.246	0.056075	15785	24.275	76.794
13.6749	3.0002	49.998	50	50.002	28.35	0.241	0.041531	15785	23.543	80.568
13.6822	2.99496	49.996	49.995	49.999	28.07	0.236	0.02714	15785	23.302	82.134
13.6883	3.00176	50.001	50.003	49.997	28.27	0.239	0.006137	15785	21.889	86.376
13.6555	2.99906	50.007	50.001	49.997	28.28	0.231	0.01159	15785	21.036	90.727
13.6629	3.00214	50.002	49.997	50.004	28.81	0.248	0.024808	15785	20.283	92.498
13.6951	3.00861	50.003	49.997	50.002	28.56	0.244	0.02756	15785	19.882	92.306
13.6688	2.99619	49.996	49.999	49.994	28.88	0.245	0.018011	15785	19.048	90.749
13.6857	2.99954	49.999	49.999	50	28.53	0.237	0.020009	15785	18.396	92.342
13.6588	2.9953	49.998	49.999	50.004	28.97	0.24	0.022229	15785	17.471	93.331
13.6478	2.98951	50.001	49.999	50.002	29.88	0.244	0.024695	15785	16.879	94.294
13.6675	2.99971	50.001	49.999	50.001	29.22	0.237	0.046638	15785	16.346	88.864
13.687	3.00237	49.996	50.006	50.003	29.22	0.26	0.030478	15785	15.823	90.614
13.6729	3.00127	50.004	49.998	50	29.25	0.237	0.022573	15785	15.652	89.51
13.6528	2.99891	50	49.998	50.004	29.37	0.247	0.014751	15785	15.753	90.571
13.6586	2.99997	50	49.998	50.003	29.13	0.239	0.047361	15785	16.085	93.195
13.6812	3.00076	50.005	49.996	49.998	28.97	0.247	0.018206	15785	17.049	93.041
13.6548	2.99311	50	50.002	50.003	28.55	0.256	0.020226	15785	18.506	91.218
13.6791	2.99751	50.004	50.003	50.003	28.01	0.244	0.013217	15785	19.52	88.713
13.6614	2.99856	49.999	50	50.002	28.39	0.254	0.005081	15785	19.48	89.399
13.6637	2.99536	49.996	50.002	50.001	28.46	0.244	0.027732	15785	19.832	89.432
13.6753	2.99271	49.995	49.99	50	28.19	0.244	0.018123	15785	19.38	89.796
13.6857	2.99926	49.995	49.998	49.997	28.51	0.244	0.020133	15785	19.038	91.468
13.6784	3.00057	49.997	50.008	49.999	28.74	0.238	0.022367	15785	18.476	91.257
13.6608	2.99919	50.002	50.003	50.003	29	0.256	0.016565	15785	17.461	92.693
13.6788	3.00185	50.002	49.999	50.001	29.99	0.243	0.006368	15785	17.049	93.583
13.6836	3.00031	50.004	50.002	49.999	30.5	0.246	0.012026	15785	17.15	92.502
13.6611	2.99606	49.995	49.997	50.001	29.96	0.244	0.013361	15785	16.949	91.973
13.6797	3.00044	50.002	50.005	49.997	30.21	0.251	0.016822	15785	16.426	92.135

13.6792	3.00326	50.005	50.008	49.998	30.55	0.26	0.005706	15785	16.205	90.364
13.6823	3.00399	50	50	49.992	29.26	0.257	0.020762	15785	15.924	92.165
13.6796	2.99865	50.008	49.998	49.995	29.96	0.246	0.023065	15785	15.793	90.858
13.6784	3.01216	49.993	50	50.003	30.43	0.246	0.025624	15785	15.391	91.122
13.681	3.00087	49.998	50.001	49.996	30	0.249	0.016745	15785	14.928	92.314
13.6455	2.99087	49.997	50.001	49.997	30.02	0.241	0.016414	15785	14.858	91.643
13.6682	3.00464	49.997	50.003	50.006	29.8	0.249	0.00631	15785	14.506	91.283
13.667	2.99872	49.999	50.001	49.999	29.24	0.246	0.011917	15785	14.073	91.667
13.6789	3.00276	50	50.006	49.999	28.83	0.251	0.013239	15785	13.852	90.958
13.682	3.00106	49.997	50	49.997	29.12	0.245	0.042505	15785	14.737	87.297
13.6817	3.00784	49.999	49.994	49.999	27.88	0.24	0.027777	15785	18.024	76.84
13.664	2.99831	50.001	50.005	50.002	27.29	0.235	0.018152	15785	19.581	69.35
13.6449	2.994	50.003	49.998	49.997	27.35	0.238	0.099074	15785	21.287	60.548
13.6567	2.99543	50.003	49.993	49.995	27.42	0.237	0.038085	15785	22.591	53.432
13.6746	3.00293	49.998	50	50.001	27.78	0.236	0.071927	15785	22.761	56.2
13.6575	2.9966	50.003	50.001	49.997	27.6	0.239	0.027649	15785	23.553	50.899
13.6776	3.00853	49.995	49.998	50	27.44	0.23	0.088772	15785	24.064	47.084
13.6647	2.99501	50.004	50.002	50.004	27.69	0.236	0.167655	15785	24.555	45.303
13.7016	3.00178	50.002	49.999	49.992	27.84	0.231	0.037911	15785	24.235	43.474
13.6465	2.99426	50	50.002	50.002	27.84	0.241	0.014573	15785	24.475	41.758
13.6842	3.00158	49.996	49.999	49.997	27.89	0.238	0.046789	15785	23.914	44.466
13.6447	2.99378	50.002	49.997	49.995	27.89	0.235	0.05198	15785	22.952	47.989
13.6496	2.99718	50.003	50.008	50.002	28.42	0.248	0.019982	15785	22.51	54.048
13.6707	3.00402	50	50.006	49.999	29.21	0.253	0.064153	15785	17.873	74.621
13.6452	2.99082	50.001	50	49.998	29.88	0.254	0.014507	15785	16.296	81.413
13.6861	3.00335	50.005	50	50.002	30.65	0.258	0.027397	15785	14.677	87.094
13.6673	2.99819	50.001	49.996	50	30.3	0.243	0.017904	15785	13.882	88.817
13.6686	3.00502	50	49.996	50	29.79	0.247	0.0117	15785	14.113	87.382
13.6732	3.00177	49.998	49.997	49.999	29.24	0.241	0.022097	15785	13.167	91.234
13.688	3.002	50	49.991	49.997	28.59	0.262	0.01444	15785	12.392	93.808
13.6531	2.99402	49.995	50.001	50.004	28.4	0.26	0.009437	15785	12.382	95.18
13.6791	3.00357	50.001	49.998	50.001	28.03	0.255	0.006167	15785	11.818	95.704
13.6713	3.00248	49.996	49.998	50.001	28.35	0.252	0.05722	15785	12.08	95.776
13.6647	2.99975	49.996	50.001	50	28.43	0.241	0.032994	15785	16.064	86.329
13.6711	3.00379	50.002	50.002	49.997	27.53	0.232	0.10593	15785	19.661	76.986
13.658	3.00155	50.001	50.006	50.048	32.02	0.253	0	15785	23.062	64.637

13.6749	3.00495	49.996	50.001	49.996	28.09	0.236	0.006452	15785	23.864	64.476
13.6853	3.00308	50	50.006	50	27.76	0.236	0.020714	15785	23.663	66.233
13.647	2.99535	49.999	50	50.003	27.95	0.239	0.013536	15785	23.182	64.922
13.6664	2.99861	50.002	49.998	50.004	27.84	0.23	0.005204	15785	23.974	65.055
13.6617	2.99456	50	50.001	50	27.8	0.231	0.028401	15785	25.637	62.259
13.6793	3.00269	49.998	49.997	50	27.46	0.228	0.006422	15785	25.657	54.045
13.6778	3.00385	50.003	50.004	50.003	27.85	0.249	0.020619	15785	23.814	67.564
13.6992	3.00217	50	50.003	49.997	29.29	0.251	0.013475	15785	17.873	81.563
13.6787	3.00444	50.002	50.002	50.001	28.58	0.243	0.008806	15785	19.39	80.537
13.643	2.99381	49.996	49.999	49.994	29.22	0.255	0.009782	15785	17.371	91.715
13.6614	2.99021	50.001	50	49.997	29.85	0.235	0.018475	15785	17.602	90.435
13.6909	3.00066	49.999	50.001	50.002	29.13	0.242	0.006266	15785	17.07	91.047
13.6753	2.99926	50.004	50	50	29.43	0.244	0.020119	15785	17.12	92.65
13.6658	3.00242	50.002	50	50.005	29.16	0.243	0.013148	15785	17.471	93.105
13.6854	3.00672	49.998	49.999	50.002	29.22	0.237	0.014607	15785	17.291	93.733
13.6461	2.99149	50.001	50.001	50	29.36	0.243	0.027586	15785	16.798	94.583
13.6545	3.0013	50.003	50.001	50.004	29.32	0.24	0.010604	15785	17.009	95.344
13.6343	2.99251	50.001	49.996	49.999	29.04	0.238	0.020027	15785	17.09	95.475
13.6861	3.00956	49.997	50.003	49.998	28.59	0.247	0.013088	15785	17.23	95.534
13.6649	2.9931	50.004	50	49.999	28.77	0.255	0.02181	15785	17.24	95.693
13.6374	2.99798	50.002	50	49.997	29.22	0.237	0.024229	15785	17.22	95.882
13.6656	2.99321	50.001	50	49.998	28.61	0.239	0.015834	15785	17.693	94.996
13.6755	3.00303	49.999	49.992	49.992	28.15	0.239	0.006087	15785	19.621	88.257
13.6686	3.00095	50.002	50.001	50.005	27.76	0.235	0.011495	15785	20.775	83.972
13.6963	3.01238	50.004	49.998	50.001	27.69	0.232	0.02171	15785	22.701	76.721
13.6749	3.00217	49.998	50.003	50.001	27.65	0.24	0.014187	15785	22.611	74.418
13.6608	2.99887	49.998	49.997	49.998	27.33	0.234	0.009271	15785	24.736	65.624
13.6876	3.00211	49.998	50.002	50.005	27.82	0.233	0.01751	15785	24.285	66.164
13.6417	2.99417	49.999	49.997	49.993	27.46	0.235	0.019452	15785	25.136	63.558
13.7044	3.0082	49.997	49.997	49.999	27.55	0.24	0.012712	15785	24.966	64.274
13.65	2.99672	49.996	50.002	49.994	27.89	0.247	0.016005	15785	22.651	74.261
13.641	2.99491	49.998	50	50.001	27.93	0.229	0.017781	15785	23.042	73.951
13.6734	2.99615	50	50.001	50	27.84	0.235	0.006835	15785	23.032	76.787
13.6683	2.99975	50.002	49.998	50.002	27.89	0.232	0.012909	15785	21.146	84.886
13.6836	3.00869	50.003	50	49.997	28.16	0.245	0.014341	15785	19.53	90.54
13.6793	3.00275	50.004	49.999	49.996	28.91	0.243	0.015932	15785	18.145	91.22

13.6692	2.99459	49.997	50.003	49.999	28.66	0.242	0.02006	15785	17.662	94.255
13.6639	2.99506	49.999	49.999	49.999	28.85	0.244	0.007711	15785	17.271	95.633
13.6553	3.00012	50	49.997	49.998	28.7	0.244	0.021845	15785	17.281	95.284
13.6585	2.99283	49.997	50.001	50.004	30.01	0.241	0.024268	15785	16.456	93.068
13.6916	3.00451	49.997	50.001	49.999	29.81	0.237	0.009329	15785	16.215	94.208
13.6549	2.99901	49.998	49.999	49.994	29.27	0.244	0.017619	15785	16.125	95.239
13.7008	3.00472	50.007	49.998	49.999	29.22	0.248	0.033275	15785	15.562	95.436
13.6657	2.9928	50.011	49.993	50.003	29.9	0.25	0.007524	15785	15.371	95.644
13.6693	2.99514	50	49.999	50.004	29.96	0.243	0.024157	15785	15.652	96.09
13.7009	3.00854	49.996	50.003	50.006	28.8	0.244	0.009286	15785	16.547	93.807
13.6663	2.99882	49.997	50.004	50	27.85	0.243	0.015475	15785	18.114	89.321
13.6827	2.99798	49.998	50.002	50.001	27.45	0.24	0.029226	15785	19.139	84.652
13.662	2.99717	50	49.999	50.002	27.28	0.23	0.00749	15785	21.156	80.425
13.663	3.00054	49.999	50.005	50.014	27.3	0.231	0.014145	15785	22.27	75.443
13.6769	3.00529	49.996	50.002	49.995	27.32	0.242	0.015714	15785	23.252	64.639
13.6706	3.0048	50.001	49.998	49.999	27.43	0.24	0.017458	15785	24.325	64.76
13.6784	2.99867	49.996	50.004	49.995	27.45	0.231	0.032971	15785	24.696	65.529
13.6832	2.99938	49.999	50.003	49.994	27.44	0.231	0.012674	15785	24.906	64.501
13.6634	3.00079	49.995	50.001	49.997	27.63	0.242	0.023937	15785	24.916	62.804
13.6606	2.99807	49.996	50.001	49.997	27.81	0.239	0.026592	15785	24.836	61.588
13.6739	3.00067	49.995	49.998	49.999	27.81	0.227	0.029543	15785	24.195	65.564
13.6945	3.00484	50	50.007	50.003	27.88	0.228	0.037196	15785	23.232	64.282
13.6674	3.00041	49.992	49.999	49.997	28.09	0.247	0.041323	15785	21.718	72.813
13.6485	2.99202	49.987	50	49.999	28.56	0.241	0.009344	15785	19.862	79.264
13.6516	2.99865	49.995	49.999	50.007	28.96	0.237	0.010381	15785	17.713	89.505
13.6564	2.99805	50.001	50.003	50	29.23	0.25	0.019605	15785	16.858	93.754
13.6848	2.99919	50.003	50.001	49.995	29.34	0.249	0.012812	15785	16.647	91.851
13.6407	2.99715	49.998	50	49.997	30.03	0.249	0.024196	15785	15.682	91.99
13.6606	3.00303	50.006	49.996	49.998	29.99	0.259	0.015812	15785	14.506	92.651
13.6685	2.99969	50	49.998	49.995	29.68	0.239	0.010333	15785	13.872	93.765
13.6519	3.00236	49.999	49.998	50.006	29.31	0.243	0.01148	15785	13.54	94.178
13.6655	2.99712	50.001	50.005	49.999	29.2	0.256	0.02168	15785	13.268	94.561
13.6888	2.99962	50	50.002	50.001	28.99	0.25	0.040945	15785	13.278	94.28
13.6867	2.99946	49.997	49.997	50.001	28.94	0.239	0.009259	15785	14.315	88.739
13.6871	3.00724	35.098	35.301	37.53	26.47	0.244	0	15785	19.822	73.247
13.6479	2.99943	49.998	50.001	50.004	27.57	0.232	0.01444	15785	21.247	71.837

13.6854	3.007	49.999	49.997	50.002	27.7	0.245	0.016042	15785	21.387	69.931
13.7138	3.00381	49.997	50.004	49.999	27.42	0.23	0.015716	15785	22.551	57.372
13.6921	3.00377	50.003	50.004	49.994	27.63	0.245	0.01746	15785	22.39	58.845
13.7004	3.01154	49.997	50.001	49.995	27.61	0.235	0.01141	15785	23.774	54.256
13.6666	3.00558	50.003	50.006	50.001	27.63	0.242	0.012676	15785	24.876	55.101
13.6663	2.99559	49.998	49.997	49.995	27.57	0.235	0.023939	15785	24.756	52.749
13.6708	2.99874	50.003	49.997	50.002	27.83	0.241	0.01773	15785	26.018	48.141
13.6576	2.99751	50.002	49.998	49.994	27.83	0.23	0.006816	15785	25.427	46
13.6868	3.00227	49.998	49.995	49.998	27.94	0.247	0.012872	15785	24.685	51.144
13.6546	2.99546	50.005	49.999	49.997	27.97	0.23	0.008412	15785	23.453	57.813
13.6838	2.99961	49.995	50	50	28.48	0.248	0.015886	15785	21.227	71.916
13.6778	2.99719	50	50.004	49.994	28.55	0.247	0.010382	15785	18.978	75.863
13.6642	3.00075	50	50	50.003	29.22	0.236	0.011533	15785	18.225	81.28
13.6684	3.00245	50.001	49.997	49.999	29.33	0.258	0.03703	15785	16.828	87.658
13.7148	3.00705	50	49.999	49.992	29.3	0.254	0.024199	15785	15.954	90.945
13.6578	3.00206	50	49.995	49.999	29.91	0.256	0.045702	15785	15.26	91.814
13.6328	2.98947	50.003	50	49.997	29.91	0.249	0.029866	15785	14.234	94.08
13.6717	3.00748	50.004	49.999	49.999	30.23	0.252	0.019517	15785	13.489	94.75
13.6437	2.99163	50.002	49.994	49.998	29.97	0.246	0.021682	15785	13.761	94.952
13.6478	2.9915	50.002	49.999	50	29.88	0.251	0.024088	15785	12.865	95.204
13.6478	2.99442	50.003	50	49.997	29.4	0.246	0.00926	15785	12.664	95.384
13.6748	3.00154	50.001	49.997	49.993	29.22	0.243	0.029729	15785	14.797	91.334
13.6558	2.9906	50.004	49.999	49.996	27.86	0.235	0.019428	15785	19.059	79.329
13.6816	3.00918	49.995	49.999	49.998	27.67	0.237	0.012696	15785	21.086	70.887
13.6577	2.98924	50	50.003	49.999	27.27	0.244	0.015985	15785	22.962	51.967
13.6875	3.00662	49.997	49.996	49.999	27.22	0.231	0.03019	15785	24.014	52.267
13.6553	2.99834	49.999	50.003	49.999	27.43	0.243	0.019729	15785	24.806	51.705
13.6991	3.00833	50.004	50.002	49.996	27.45	0.231	0.02484	15785	25.978	55.351
13.6617	3.00193	49.993	50.003	49.998	27.46	0.231	0.046913	15785	26.128	54.678
13.6793	3.00296	50.003	50	50.005	27.7	0.23	0.010608	15785	26.879	50.691
13.6882	3.00417	49.995	49.994	49.995	27.78	0.241	0.013356	15785	26.548	52.352
13.6832	3.00318	50.009	49.995	50	27.74	0.239	0.025225	15785	26.178	49.106
13.6446	2.9937	49.999	50.002	50.001	27.83	0.228	0.009697	15785	26.648	48.645
13.6519	2.99955	50.004	49.996	49.996	27.85	0.236	0.018313	15785	25.086	60.05
13.6838	2.99672	49.999	50	49.997	28.22	0.246	0.00704	15785	23.944	68.453

13.6646	3.00152	50.004	50.004	49.998	28.56	0.248	0.013295	15785	20.434	77.942
13.6746	3.00238	50.004	50.001	50	28.69	0.247	0.042686	15785	19.259	83.83
13.6523	2.99937	50.002	49.999	49.999	28.73	0.242	0.016409	15785	17.873	90.921
13.7061	3.00649	50.002	50.003	50	29.22	0.237	0.018229	15785	17.019	89.636
13.6565	2.99265	49.995	50.007	50.004	29.17	0.244	0.034428	15785	16.768	93.864
13.6822	3.00061	50.003	50.001	50.002	29.91	0.245	0.038247	15785	16.376	89.805
13.6768	3.00193	49.997	49.999	50.007	30.28	0.249	0.014703	15785	15.783	94.841
13.6529	2.99277	50.004	50.004	50.002	30.37	0.25	0.027767	15785	15.26	95.485
13.692	3.0029	50	49.998	50.002	29.96	0.246	0.030848	15785	14.767	95.826
13.6297	2.9964	49.997	49.999	49.999	29.26	0.26	0.020159	15785	14.958	96.093
13.6735	3.00415	49.999	50	49.996	28.89	0.243	0.022395	15785	16.487	92.241
13.6882	3.00231	50.004	49.992	50.005	27.91	0.24	0.008609	15785	18.958	87.136
13.6834	2.99683	50.001	50.001	50.004	27.68	0.235	0.024388	15785	22.861	75.179
13.6757	3.00474	50.003	49.999	50.007	27.53	0.23	0.018063	15785	24.365	69.047
13.6864	3.00725	50.002	50.005	49.996	27.56	0.236	0.034113	15785	25.867	62.024
13.641	2.99412	49.996	49.999	49.998	27.61	0.233	0.022293	15785	26.298	58.916
13.6794	3.00437	49.998	49.997	50.003	27.68	0.229	0.047716	15785	26.979	53.497
13.6773	3.0025	49.996	50	50.004	27.6	0.244	0.031182	15785	27.199	56.03
13.6725	3.00164	50.005	49.999	50.001	27.65	0.237	0.034642	15785	27.95	53.471
13.6765	3.00551	49.998	50.002	50	27.79	0.236	0.015092	15785	27.709	56.322
13.6689	3.00111	50.003	50.001	49.999	27.83	0.243	0.048455	15785	27.259	54.522
13.6686	3.00066	50.001	50.003	49.999	27.84	0.238	0.031665	15785	26.518	57.494
13.6449	2.99274	50.001	49.998	50.001	27.88	0.246	0.020693	15785	25.797	63.127
13.6814	3.00159	50.009	49.997	49.997	27.99	0.234	0.026054	15785	24.044	68.76
13.6904	3.00115	49.999	50.003	50.003	28.52	0.234	0.017026	15785	22.099	77.351
13.6816	2.99767	50.007	49.999	49.998	28.51	0.238	0.011126	15785	20.725	80.67
13.6632	2.99606	50.001	50.006	50.003	28.57	0.254	0.023815	15785	19.862	83.818
13.6781	2.99959	50.004	49.997	49.998	28.55	0.246	0.015563	15785	19.601	85.03
13.6449	2.99334	49.998	49.998	49.997	29.08	0.244	0.029393	15785	19.962	83.187
13.6667	2.9971	50.002	50	50.001	28.52	0.245	0.019208	15785	19.059	86.672
13.6651	3.00187	50.001	50	50	28.86	0.243	0.036276	15785	18.617	88.184
13.6863	3.00127	49.991	50.005	49.994	28.98	0.25	0.023706	15785	18.195	89.694
13.6496	2.99231	50	50	49.998	28.73	0.241	0.015492	15785	17.914	89.436
13.7067	3.00573	50.004	49.999	50.004	28.64	0.241	0.029258	15785	18.386	88.676
13.6617	3.00445	50	49.998	50.011	27.98	0.246	0.01912	15785	20.113	85.717
13.6689	3.0031	49.997	50.001	50.001	27.8	0.24	0.021241	15785	21.989	82.798

13.6768	3.00431	50.002	50	50	27.84	0.25	0.040116	15785	23.403	79.828
13.6708	2.99997	50	50.001	50.001	27.82	0.246	0.044567	15785	25.417	76.806
13.6577	2.99766	49.999	50.006	50.001	27.48	0.23	0.049511	15785	27.079	76.038
13.6821	3.00557	49.997	49.996	49.999	27.51	0.245	0.032355	15785	28	72.056
13.6773	3.0028	50	50	49.994	27.57	0.233	0.035945	15785	28.27	73.074
13.6547	2.99832	50	50.003	50.001	28.32	0.246	0.026622	15785	22.34	92.556
13.6848	3.00453	50	49.993	50.005	27.81	0.234	0.085473	15785	26.288	83.253
13.667	3.00189	50	49.994	49.997	27.59	0.242	0.055856	15785	28.24	78.167
13.6795	3.00111	49.995	49.998	49.993	27.84	0.236	0.062053	15785	27.759	74.612
13.6698	3.00784	50.002	50.004	50.001	27.88	0.231	0.023854	15785	26.498	76.391
13.6517	2.99392	50	50.003	50.003	27.92	0.235	0.0265	15785	26.398	79.227
13.654	3.00024	50.006	49.999	49.998	28.54	0.241	0.019627	15785	21.407	93.457
13.6715	3.00107	49.99	49.998	50.002	28.54	0.252	0.107124	15785	22.009	84.907
13.6723	2.99916	50	50.004	50	28.54	0.243	0.014249	15785	22.32	91.089
13.6623	2.99705	49.998	50.008	49.996	28.4	0.235	0.009312	15785	20.645	95.128
13.6705	2.99539	49.999	49.995	50.005	28.28	0.249	0.033882	15785	20.464	95.91
13.6679	3.00174	49.993	50	49.998	28.37	0.235	0.013025	15785	20.464	96.11
13.6841	3.00435	49.998	50.004	49.997	28.73	0.239	0.024598	15785	20.504	96.01
13.689	3.0022	50.003	49.994	50.002	28.53	0.24	0.010717	15785	20.625	96.042
13.6656	2.99545	49.999	50.003	50.006	28.25	0.235	0.011906	15785	20.665	95.851
13.6863	3.00236	50	50	49.999	29.22	0.258	0.013226	15785	17.632	93.688
13.6533	2.99959	50	49.998	50.002	30	0.244	0.014694	15785	16.688	94.423
13.6879	3.00113	50.003	50.002	49.994	29.38	0.245	0.0185	15785	15.441	93.139
13.6763	2.99597	49.999	49.998	50	29.25	0.248	0.01209	15785	15.25	92.506
13.645	2.99854	50	50.001	50.002	29.02	0.248	0.013431	15785	15.652	92.073
13.6835	3.00005	50	50.005	50.007	29.2	0.248	0.025366	15785	16.497	85.997
13.683	3.00073	50.005	49.999	49.996	28.26	0.241	0.02818	15785	17.733	78.113
13.668	2.9993	50.003	49.998	50	27.84	0.245	0.010833	15785	19.119	74.495
13.6634	3.00411	50.001	50.004	50.002	27.71	0.234	0.020459	15785	20.504	69.686
13.6543	3.00002	49.999	49.995	50.002	28.02	0.254	0.038639	15785	20.384	65.323
13.7111	3.0025	49.997	49.997	50.003	27.8	0.231	0.028617	15785	21.588	63.185
13.6582	2.99931	50.003	49.992	49.997	27.84	0.246	0.018701	15785	21.166	61.125
13.6808	2.99921	50	50.005	50.002	28	0.237	0.035319	15785	20.604	61.633
13.6733	2.99798	49.999	49.998	50.002	28.17	0.239	0.039237	15785	21.026	62.294
13.6624	2.9947	49.996	50.003	50.005	28.56	0.246	0.015083	15785	19.701	67.075
13.6796	3.00215	50.002	49.999	50.006	28.63	0.238	0.028486	15785	17.693	69.172

13.6753	2.99966	50.008	50	50.004	29.99	0.254	0.01095	15785	15.26	74.373
13.6877	3.00253	50	49.999	50.004	29.87	0.247	0.004209	15785	14.033	80.115
13.6466	2.99714	50.002	50.004	50.005	29.06	0.247	0.00795	15785	13.127	82.668
13.6609	2.99614	50.003	49.993	50.004	28.39	0.265	0.015014	15785	12.211	86.899
13.6889	3.00385	49.997	49.998	49.996	27.85	0.245	0.01112	15785	11.708	86.755
13.6754	3.00422	50.003	49.996	49.998	27.75	0.263	0.035702	15785	11.436	87.895
13.7036	3.01029	49.997	50.003	49.999	27.46	0.246	0.013724	15785	10.791	92.343
13.6601	2.99785	49.999	49.992	50.001	27.17	0.25	0.015247	15785	10.69	92.005
13.678	2.99773	49.998	50.005	50.002	27.1	0.263	0.011292	15785	11.174	88.515
13.685	3.00634	50.001	50.002	49.991	27.15	0.266	0.007379	15785	11.657	85.353
13.6766	3.00428	50	50	50.003	27.5	0.25	0.023692	15785	11.959	86.371
13.6716	3.00292	49.998	50.006	50.001	28.56	0.251	0.009107	15785	12.684	85.814
13.6629	3.00005	50.009	50.004	50	29.07	0.264	0.029241	15785	13.479	85.622
13.6651	2.99767	49.997	49.997	50.001	29.21	0.247	0.01124	15785	14.797	84.972
13.6648	2.99441	50.001	50.002	50.001	28.53	0.256	0.012487	15785	15.843	82.167
13.6442	2.99352	49.998	50.001	50.001	28.53	0.243	0.023584	15785	16.688	79.495
13.6603	3.00588	49.997	50.002	49.999	28.53	0.251	0.009066	15785	16.838	81.938
13.6831	2.99913	50.004	49.999	49.996	28.66	0.251	0.029107	15785	17.09	84.993
13.6878	3.00794	50	50.002	50.001	28.95	0.245	0.011189	15785	16.567	90.038
13.6484	2.99776	50	50.001	50.002	29.73	0.256	0.01243	15785	16.386	93.653
13.6725	3.00272	49.998	49.996	50.002	30.12	0.244	0.008123	15785	15.783	94.49
13.6541	2.99604	50.002	49.994	50.001	29.17	0.242	0.009024	15785	15.28	93.008
13.6691	3.00276	50.002	50.002	50.006	29.8	0.247	0.017043	15785	15.25	93.156
13.6952	3.00372	50.002	50.006	49.999	29.25	0.262	0.018934	15785	15.22	93.683
13.6846	3.00603	50	50.006	50.001	29.55	0.25	0.010918	15785	15.511	94.11
13.6554	2.99383	50.002	50.001	49.999	29.67	0.258	0.008086	15785	15.723	94.652
13.6599	3.00388	49.997	50.002	49.998	29.46	0.252	0.007926	15785	15.019	93.583
13.6561	2.99842	49.999	49.998	49.999	29.91	0.248	0.04903	15785	14.626	94.296
13.6758	2.99878	50.001	50.001	49.999	29.3	0.262	0.009782	15785	14.486	95.406
13.6702	2.99934	49.995	50	50.003	29.02	0.263	0.010868	15785	14.636	95.962
13.6644	2.99667	49.995	50.009	49.995	29.11	0.246	0.012073	15785	14.586	95.906
13.6552	2.99261	50.001	49.995	49.999	29.22	0.26	0.013413	15785	14.687	96.019
13.6466	2.9942	50	49.999	49.993	29.27	0.253	0.008765	15785	14.667	95.906
13.6616	2.99364	50	50.003	49.999	29.64	0.262	0.005728	15785	14.777	95.312
13.6487	2.99614	49.997	49.999	49.997	29.99	0.251	0.018391	15785	15.3	94.669
13.6645	3.00326	49.995	50	50.003	29.16	0.251	0.020431	15785	16.336	91.59

13.694	3.00493	50	49.997	50.001	28.66	0.244	0.022698	15785	16.738	89.148
13.6433	2.9975	50.001	50	50.001	27.88	0.235	0.025216	15785	18.717	80.623
13.6689	2.99582	49.996	49.999	49.999	28.01	0.246	0.028013	15785	18.697	79.018
13.6788	3.0009	50.001	49.999	50.003	27.84	0.251	0.052906	15785	20.133	72.813
13.6649	2.99637	50.01	50.002	50.003	27.39	0.239	0.034574	15785	21.568	66.626
13.6553	2.98941	49.999	49.995	49.995	27.84	0.239	0.022594	15785	23.172	65.652
13.6705	3.00196	50	50	49.999	27.79	0.246	0.0251	15785	22.871	59.618
13.6859	3.00491	50.003	50.009	50	27.83	0.239	0.047405	15785	23.934	52.92
13.6418	2.99446	49.997	49.999	50	27.84	0.242	0.089528	15785	23.693	58.616
13.6769	2.99955	50.003	50.002	49.998	27.91	0.24	0.020244	15785	23.463	60.285
13.6702	3.00083	50	49.998	49.999	27.85	0.233	0.02249	15785	23.754	56.871
13.698	3.00866	50.003	49.997	50.005	28.38	0.238	0.014697	15785	21.317	62.904
13.66	2.99348	49.997	49.998	50.003	28.72	0.255	0.016328	15785	18.165	79.836
13.6731	3.00013	50.001	50.002	50.001	29.22	0.259	0.030837	15785	16.165	88.75
13.6424	2.99536	50.003	49.998	49.993	30.12	0.257	0.011854	15785	15.934	91.353
13.6429	2.99518	49.997	49.998	50.002	30.08	0.252	0.022388	15785	15.361	93.607
13.6929	3.00668	49.998	50	50.002	29.94	0.261	0.005737	15785	14.958	95.141
13.667	2.99675	49.997	50.006	50.004	29.69	0.243	0.031315	15785	14.828	95.799
13.6725	2.99956	50.005	50.001	50	30.27	0.247	0.012038	15785	14.385	95.98
13.6916	3.00539	50	49.995	50.003	30.36	0.247	0.007867	15785	13.791	96.477
13.6754	2.99946	49.993	49.998	50.006	30.51	0.26	0.008739	15785	13.067	96.471
13.6735	2.99904	50	49.996	50.004	30.29	0.25	0.016505	15785	13.047	96.796
13.6673	3.00269	50.001	49.995	49.998	29.3	0.261	0.018336	15785	14.355	96.949
13.6804	2.99775	50.001	50.002	49.996	28.67	0.246	0.039247	15785	16.657	96.856
13.6637	3.00551	49.995	50.001	50.001	28.14	0.242	0.025648	15785	18.486	85.909
13.6764	3.00054	49.998	50.003	50.001	27.78	0.233	0.028493	15785	21.859	71.45
13.694	3.00172	49.999	49.999	50	27.59	0.237	0.01862	15785	25.427	54.644
13.7109	3.00293	50.001	49.996	49.997	27.84	0.239	0.039855	15785	24.836	54.121
13.6729	2.99868	49.998	49.997	49.994	27.38	0.239	0.026045	15785	25.877	52.901
13.6642	3.00354	50.003	50.001	50.004	27.7	0.242	0.028934	15785	25.166	52.422
13.636	2.99281	50.001	50.002	49.998	27.71	0.226	0.054645	15785	26.719	50.087
13.7013	3.00952	50.001	50	49.999	27.83	0.245	0.023807	15785	26.628	50.757
13.6393	2.9935	49.999	50.002	50.001	27.87	0.243	0.026448	15785	26.859	47.194
13.6969	3.0071	49.998	50.002	49.999	27.98	0.237	0.017284	15785	26.608	47.327
13.6972	3.00671	49.999	50.001	49.999	28	0.228	0.032642	15785	24.395	59.488
13.6498	2.99689	49.995	49.999	50.002	28.38	0.236	0.041099	15785	22.651	71.093

13.6832	2.99936	49.998	50.002	50.002	28.68	0.236	0.023698	15785	20.243	78.822
13.6582	2.99925	50.004	49.997	49.998	29.2	0.253	0.010324	15785	19.018	83.152
13.6629	3.00219	49.995	49.996	49.998	28.89	0.244	0.019499	15785	17.843	88.569
13.6776	3.00159	50.002	50	50.001	29.34	0.247	0.036825	15785	17.291	93.556
13.6704	2.99693	49.997	50.01	50.004	29.26	0.242	0.014156	15785	16.446	93.914
13.6825	3.00054	49.998	50	50.006	29.02	0.262	0.008163	15785	16.085	94.768
13.6825	3.00183	50.001	49.998	50	29.78	0.247	0.015416	15785	15.904	95.49
13.6897	3.00084	50.002	50.006	50.005	29.16	0.256	0.017126	15785	15.743	96.112
13.6816	3.00792	49.995	50.005	49.999	29.22	0.254	0.021563	15785	15.501	96.412
13.6806	3.00244	49.999	49.996	50.009	29.23	0.251	0.023955	15785	15.702	94.381
13.6353	2.99818	50.006	49.998	49.999	28.51	0.255	0.015654	15785	17.552	90.001
13.6752	2.99839	50.001	50	49.999	28.53	0.24	0.029565	15785	18.647	88.48
13.6846	3.00204	49.999	49.999	50.003	28.19	0.237	0.019321	15785	19.862	84.119
13.6871	3.00122	50.004	49.998	50.003	27.98	0.244	0.036489	15785	21.768	80.165
13.6448	2.99413	50.001	50	49.998	27.9	0.24	0.040537	15785	22.46	78.704
13.6358	2.99707	49.995	50.001	50.014	28.26	0.233	0.045034	15785	21.768	86.348
13.6604	2.99378	50.004	50.001	49.997	28.13	0.255	0.02943	15785	21.658	86.989
13.665	3.00365	50.001	50	50.005	28.53	0.246	0.032695	15785	21.427	89.005
13.6831	3.00741	49.999	49.997	49.993	28.42	0.239	0.021366	15785	21.698	89.046
13.6747	3.00418	50.002	50	50.003	27.92	0.242	0.013963	15785	21.828	85.016
13.6942	3.00848	50.004	50.002	50.006	27.96	0.238	0.015512	15785	21.949	85.622
13.6449	2.99385	49.996	49.998	49.997	27.85	0.236	0.049802	15785	23.563	81.879
13.6965	3.00876	49.997	50.005	50.005	28.52	0.253	0.019144	15785	21.929	86.929
13.6444	2.99592	50.003	50.001	49.995	28.34	0.232	0.00834	15785	21.397	89.934
13.6765	2.99868	49.998	50.002	49.995	28.53	0.24	0.009266	15785	20.805	92.934
13.6946	3.00889	49.996	50	50.003	28.56	0.245	0.017499	15785	20.584	92.878
13.6606	3.00073	49.997	49.999	50	28.49	0.239	0.019441	15785	20.444	93.049
13.6847	2.9987	49.997	50	50.002	28.47	0.252	0.007473	15785	20.323	92.834
13.6485	2.99116	49.994	50.007	50.001	28.34	0.251	0.012453	15785	20.193	93.878
13.6797	2.99759	50.001	49.999	49.996	28.57	0.24	0.013835	15785	19.982	94.751
13.6723	3.00354	50	50.001	49.997	28.53	0.239	0.005318	15785	19.822	95.111
13.6794	3.00031	49.998	49.997	49.998	28.38	0.239	0.017075	15785	19.611	95.725
13.7082	3.00621	49.998	49.992	49.995	28.52	0.244	0.016738	15785	19.581	96.116
13.667	2.99911	49.998	49.999	50.004	28.46	0.24	0.018595	15785	19.621	96.174
13.6458	2.99624	50	50.003	50.003	28.24	0.245	0.007148	15785	19.801	96.089
13.6615	3.00163	50.01	49.995	50	28.2	0.243	0.0135	15785	20.484	93.197

13.6551	2.99741	50.001	50.002	49.992	27.56	0.235	0.043342	15785	23.613	82.149
13.6712	2.9978	49.997	50.002	50.002	27.87	0.235	0.048151	15785	24.154	82.63
13.6867	2.99534	50.002	50	50.004	27.82	0.235	0.031466	15785	25.016	75.08
13.6472	2.9943	50	50.002	49.997	27.82	0.246	0.059427	15785	26.668	70.925
13.6596	2.99484	49.997	49.999	49.996	27.84	0.233	0.038836	15785	26.759	67.35
13.6824	3.00075	50	50.002	50.004	27.85	0.224	0.048897	15785	28.1	66.638
13.6716	2.99599	50.004	49.994	50	27.87	0.225	0.156989	15785	28.19	65.793
13.6576	2.99602	49.998	49.998	49.998	27.92	0.245	0.031322	15785	29.22	64.195
13.6584	2.99554	50.003	49.999	50.002	27.95	0.226	0.020469	15785	28.8	65.597
13.6645	2.99671	50.005	50.007	50.003	28.07	0.227	0.038658	15785	29.04	67.065
13.6991	3.00807	49.999	50.006	50.004	28.3	0.23	0.025263	15785	27.289	75.58
13.6856	3.0044	50.006	50.001	49.995	28.5	0.238	0.009711	15785	25.667	80.411
13.6904	3.00712	50	50.006	50.001	28.5	0.247	0.010789	15785	24.555	82.873
13.6599	3	50.005	50.008	49.998	28.42	0.233	0.020375	15785	23.834	84.23
13.6784	2.99591	50	49.999	50.004	28.3	0.24	0.022636	15785	23.333	86.062
13.6755	3.0065	49.998	50.005	50.007	28.51	0.242	0.008701	15785	23.212	88.483
13.6777	3.00618	50	49.996	49.999	28.31	0.239	0.005686	15785	23.212	88.925
13.6901	3.00341	49.997	50.005	49.998	28.53	0.231	0.012171	15785	22.911	90.063
13.6837	3.00042	50.003	50.002	50.003	28.55	0.24	0.022986	15785	22.561	91.386
13.6537	2.9919	50.001	49.998	50.002	28.48	0.241	0.015022	15785	22.19	93.403
13.6693	3.00205	50.001	49.999	49.995	28.29	0.239	0.02837	15785	22.21	93.87
13.6642	2.99404	50.002	49.994	49.995	28.33	0.24	0.091085	15785	22.149	94.955
13.6802	3.00488	50.003	50.001	50.005	28.23	0.25	0.035014	15785	23.122	93.175
13.6801	2.99572	50.003	49.993	49.996	28.71	0.248	0.004657	15785	18.828	96.028
13.6478	2.99527	50.004	50.004	49.996	28.29	0.237	0.043214	15785	20.414	96.386
13.6592	2.99704	49.999	50.01	50.001	28.48	0.245	0.016612	15785	20.745	94.544
13.6742	2.99462	50.004	49.993	49.999	27.44	0.236	0.031373	15785	23.744	87.552
13.6563	2.99467	49.995	49.998	49.999	27.38	0.236	0.039501	15785	26.198	81.027
13.7079	3.00776	49.996	50	49.998	27.56	0.243	0.126822	15785	27.219	80.444
13.6775	3.00023	49.996	50.003	49.993	27.54	0.226	0.082877	15785	28.86	78.73
13.6449	2.99656	49.994	49.996	49.999	27.84	0.223	0.092072	15785	28.73	79.194
13.6823	3.00559	50	50.001	50.003	27.55	0.234	12.13	15785	31.519	72.276
13.7005	3.00254	50.001	50.003	50.003	27.85	0.242	0.066844	15785	29.45	81.021
13.6709	3.00181	49.996	49.999	50	29.01	0.242	0.008891	15785	22.41	77.655
13.6474	2.99312	50	50.004	50.01	28.06	0.238	0.019031	15785	23.834	74.601
13.6334	2.99196	50.001	49.997	50	28.19	0.239	0.021142	15785	22.38	84.437

13.6316	2.99634	50.007	49.996	50	27.9	0.237	0.039929	15785	24.415	65.247
13.6837	3.00154	49.997	49.999	50.002	28.49	0.244	0.015349	15785	22.982	73.332
13.6812	3.00047	50.005	50.004	50.001	28.44	0.251	0.017052	15785	21.849	81.015
13.6919	3.00192	50.001	50	49.998	28.24	0.238	0.032204	15785	20.293	88.638
13.6716	3.00119	49.997	50.001	49.999	28.41	0.242	0.01403	15785	20.986	87.199
13.6764	3.00041	50.001	49.998	50.005	28.46	0.236	0.009169	15785	20.183	91.125
13.6726	3.00309	49.999	50.003	49.998	28.8	0.238	0.029437	15785	19.731	92.083
13.6578	2.9987	49.999	49.996	50.001	28.53	0.242	0.021802	15785	19.129	93.446
13.6771	2.99762	50.001	50.002	49.994	28.53	0.243	0.014248	15785	19.551	92.361
13.6578	2.99067	50.003	50	50.001	28.7	0.247	0.015828	15785	19.018	93.301
13.6259	2.99111	49.999	50	50.003	27.89	0.241	0.011723	15785	21.036	88.718
13.675	2.99977	50.001	49.994	50.002	27.59	0.228	0.02214	15785	23.082	83.909
13.657	3.00159	50	49.999	49.999	27.31	0.242	0.014468	15785	24.696	74.771
13.6617	2.9944	49.998	50.007	50.003	27.22	0.244	0.016073	15785	25.757	69.613
13.6863	3.00304	49.996	49.996	50.001	27.21	0.241	0.051605	15785	26.418	69.01
13.6549	2.99934	50.001	50.003	50.001	27.34	0.243	0.033724	15785	27.259	65.933
13.6807	3.00457	50	50.003	49.999	27.52	0.233	0.024977	15785	27.139	67.622
13.6492	3.00107	50.002	49.999	50.002	27.56	0.243	0.047171	15785	27.099	62.099
13.6614	2.99614	49.999	50.002	50.001	27.72	0.244	0.052405	15785	27.129	64.243
13.6493	2.99606	49.999	49.995	49.993	27.83	0.232	0.020145	15785	27.499	67.096
13.6819	3.00096	50.009	50.001	49.999	27.88	0.228	0.02238	15785	26.518	67.981
13.6697	2.99927	49.999	49.998	49.995	27.84	0.234	0.014625	15785	25.948	65.179
13.6549	2.99846	49.997	50	50	27.93	0.23	0.016248	15785	25.186	69.137
13.7016	3.00523	50.002	49.997	50	28.1	0.236	0.020457	15785	22.551	80.228
13.6652	3.00335	49.994	50.002	49.997	28.34	0.243	0.022726	15785	21.176	84.517
13.6902	3.00655	49.998	50	50.008	28.47	0.254	0.014852	15785	19.279	84.984
13.6585	2.99601	50	50.003	49.996	28.6	0.249	0.016499	15785	17.934	87.852
13.6703	3.00396	49.997	49.999	50.006	29.34	0.241	0.01833	15785	16.899	88.929
13.6823	3.00006	49.998	50	50	29.31	0.25	0.023078	15785	16.456	75.249
13.6572	2.99306	50	50.002	49.999	29.91	0.26	0.008872	15785	15.33	77.869
13.6821	3.0004	50.001	50	50.001	29.53	0.245	0.016755	15785	14.415	77.883
13.7064	3.00813	49.998	50.001	49.999	29.15	0.26	0.031643	15785	13.832	81.371
13.6502	2.9999	50.002	50.001	50.002	28.59	0.263	0.012164	15785	13.107	83.661
13.7202	3.01168	50	49.997	49.994	28.3	0.253	0.013513	15785	12.956	85.284
13.6561	2.99929	50.004	49.999	50	28.58	0.258	0.025521	15785	14.817	80.21
13.6846	3.00372	49.999	50.002	49.999	27.85	0.251	0.011119	15785	16.456	73.891

13.7143	3.00885	49.998	49.999	50.002	27.67	0.249	0.012352	15785	18.376	71.682
13.684	3.00697	50.005	49.999	49.997	27.57	0.241	0.013723	15785	20.986	68.727
13.6541	2.99301	49.997	49.996	50.002	27.38	0.239	0.025917	15785	21.708	67.686
13.6847	3.00042	49.999	49.989	50.002	27.45	0.228	0.048946	15785	23.954	66.516
13.6668	2.99826	50.003	50.004	49.994	27.37	0.241	0.018815	15785	24.295	56.361
13.6807	3.00617	50.006	50.004	50.004	27.62	0.236	0.040273	15785	25.036	54.716
13.656	2.99746	49.995	49.995	50.002	27.58	0.23	0.044741	15785	25.647	55.053
13.6309	2.98772	50.001	49.997	50.005	27.81	0.235	0.017199	15785	25.086	58.672
13.6584	2.99923	49.998	50.003	50.003	27.91	0.237	0.019107	15785	24.114	58.557
13.6654	3.00098	49.999	50.004	49.996	27.87	0.237	0.040896	15785	23.733	65.044
13.6682	3.00468	50	49.994	50.001	28.15	0.247	0.051491	15785	23.132	68.54
13.6566	2.9984	49.997	50.002	49.996	28.12	0.251	0.019794	15785	21.828	72.195
13.6593	2.99575	50.002	50.003	50.002	29.22	0.261	0.02199	15785	18.556	71.275
13.6541	3.00201	50.002	50	50.001	29.5	0.24	0.01437	15785	17.17	72.113
13.6861	3.0041	50.002	49.999	49.996	29.75	0.26	0.015964	15785	16.657	69.705
13.675	2.999	50	50	50.003	29.23	0.253	0.03015	15785	16.286	72.996
13.664	2.99617	49.999	50	50.001	29.91	0.263	0.006818	15785	15.763	76.637
13.6722	3.00272	49.996	50	49.999	29.82	0.252	0.024808	15785	15.672	78.842
13.686	3.00108	49.998	50.002	49.997	29.22	0.253	0.02756	15785	15.481	82.036
13.6661	2.99734	49.995	50.003	50.004	29.25	0.258	0.01801	15785	15.481	83.423
13.7003	3.0062	50.001	50.001	50	29.9	0.251	0.022676	15785	15.602	86.981
13.6528	3.001	49.997	49.997	50.001	29.31	0.25	0.014819	15785	15.682	88.096
13.6809	3.00194	49.998	49.999	49.986	29.91	0.254	0.016463	15785	15.783	90.718
13.6763	2.99904	50.003	49.999	49.996	29.39	0.259	0.018289	15785	16.587	90.182
13.6704	2.99713	50.001	49.989	50.002	28.73	0.239	0.020318	15785	17.783	88.625
13.66	3.00101	50.002	50.005	49.994	28.81	0.247	0.013278	15785	18.165	88.836
13.6939	3.003	49.998	50.001	49.995	28.52	0.242	0.025077	15785	19.47	87.522
13.643	2.99658	50.001	50.001	50.003	28.53	0.245	0.031573	15785	20.424	87.213
13.6676	2.9935	50	50.006	50.006	27.93	0.244	0.012137	15785	22.25	83.111
13.6599	2.9986	50.001	50	50	27.84	0.235	0.013484	15785	23.854	80.556
13.6658	3.00073	49.997	50.003	49.999	27.85	0.239	0.025465	15785	25.006	76.04
13.6987	3.00554	49.991	49.992	49.996	27.84	0.246	0.032062	15785	25.467	72.577
13.6509	2.99585	49.997	50.003	49.996	27.86	0.232	0.035619	15785	24.816	74.986
13.6791	2.99993	49.996	49.999	49.997	28.3	0.249	0.039571	15785	23.764	83.009
13.6591	2.99799	50.003	50.003	50.002	28.1	0.236	0.01724	15785	22.611	88.366
13.7058	3.00331	50.001	49.997	49.998	28.18	0.238	0.019152	15785	23.022	87.482

13.6611	2.99846	50	50	49.993	28.29	0.25	0.021277	15785	22.53	90.234
13.6413	2.99263	49.999	50.004	50	28.53	0.243	0.015758	15785	22.29	92.567
13.6697	2.99683	50.002	49.997	49.996	28.47	0.235	0.029761	15785	22.46	92.399
13.6945	3.0058	49.999	49.996	50.003	28.54	0.237	0.01144	15785	22.32	91.563
13.6403	2.99503	50.002	50.001	49.999	28.52	0.237	0.024487	15785	22.45	92.347
13.6486	2.99748	50	49.999	50.007	28.51	0.233	0.009413	15785	22.741	88.617
13.708	3.01084	50	50	49.995	28.25	0.246	0.006972	15785	22.089	91.077
13.6771	2.99591	50.005	50.002	50.006	28.53	0.248	0.022383	15785	21.427	92.139
13.6517	2.99736	49.997	50.001	49.998	28.25	0.24	0.014627	15785	20.845	93.795
13.6445	2.99447	50	50.003	50.003	28.54	0.241	0.009559	15785	20.765	93.728
13.6581	2.99588	50.003	50	49.998	28.03	0.235	0.03069	15785	23.032	90.527
13.6717	3.00164	49.996	50.004	49.999	27.79	0.247	0.02273	15785	25.397	82.303
13.6518	2.99443	50	50.001	50.002	27.71	0.242	0.042928	15785	26.638	78.168
13.6745	2.99812	50.006	49.998	50.002	27.58	0.246	0.137825	15785	27.839	76.961
13.6903	3.009	50	49.998	49.999	27.58	0.223	0.135102	15785	28.96	75.88
13.6784	3.00661	49.999	50.002	50.003	27.68	0.23	0.020367	15785	30.19	72.749
13.6639	2.99664	50.003	49.998	50.001	27.7	0.23	0.111162	15785	30.89	71.117
13.6774	2.99999	49.995	50.003	49.996	27.95	0.242	0.064097	15785	32.278	66.39
13.6704	3.0006	49.999	50.003	50.003	28.39	0.231	0.121054	15785	31.899	68.622
13.6647	2.99627	49.996	49.994	49.996	27.91	0.232	0.027373	15785	29.19	80.346
13.6574	2.99609	49.99	49.997	50.014	27.84	0.227	0.253987	15785	31.779	62.964
13.6872	3.00045	50.001	50.004	50.002	27.84	0.231	0.019873	15785	32.119	65.154
13.6716	3.00698	50.003	50	50	27.97	0.229	0.108467	15785	30.82	72.981
13.636	2.99848	50.001	49.997	49.996	28.23	0.226	0.070883	15785	30.2	78.784
13.6836	3.00176	50	49.994	49.998	28.4	0.241	0.133869	15785	27.849	85.207
13.6533	2.9933	50	50.001	50	28.18	0.246	0.030271	15785	26.739	89.25
13.6822	3.00068	50.004	50.003	50.001	28.11	0.238	0.033629	15785	26.008	90.598
13.6529	2.9989	50.005	49.999	50.008	28.31	0.237	0.03736	15785	25.657	91.723
13.6568	2.9964	50.001	50.001	50.001	28.18	0.248	0.02767	15785	25.337	92.457
13.6657	2.99994	49.998	50.003	50.002	28.61	0.242	0.018082	15785	23.523	88.706
13.6565	2.99651	50.001	50.003	50.001	28.58	0.248	0.011817	15785	23.333	90.55
13.6538	2.99958	50.004	50.009	49.999	28.53	0.233	0.007722	15785	22.561	93.172
13.6386	2.98884	49.999	50.003	50.005	28.41	0.233	0.016529	15785	23.152	93.742
13.6443	3.00417	50.002	50.001	50	28.37	0.241	0.018362	15785	23.152	93.974
13.6694	2.99768	49.998	49.993	50.006	27.89	0.232	0.066815	15785	25.737	88.219
13.6617	2.99754	50.004	50.007	49.994	27.85	0.226	0.043663	15785	26.638	85.653

13.6668	3.00044	50.005	50.003	49.999	27.77	0.244	0.032338	15785	27.559	83.532
13.6579	3.00585	49.995	49.997	50.001	27.82	0.244	0.035926	15785	28.53	79.858
13.6805	3.00049	49.999	49.999	50	27.56	0.227	0.039911	15785	29.72	75.468
13.6608	2.99547	49.994	50.004	50	27.85	0.233	0.044339	15785	31.279	70.632
13.6849	3.00459	49.996	49.992	49.998	27.85	0.231	0.083739	15785	30.6	75.783
13.676	2.99445	50	50	50.006	27.85	0.233	0.036482	15785	30.74	74.422
13.7108	3.00681	49.994	49.999	50.003	27.86	0.243	0.0689	15785	30.22	74.691
13.7054	3.00554	50.002	50	50	27.8	0.234	0.026486	15785	30.31	65.969
13.6707	2.99731	50.001	49.993	50.002	27.84	0.231	0.029424	15785	30.57	65.803
13.6497	3.00386	49.994	49.99	49.996	27.86	0.233	0.019229	15785	30.64	63.577
13.662	2.99498	49.993	50.002	50.006	28	0.228	0.021362	15785	29.38	71.855
13.6356	2.99623	49.997	49.999	50.001	28.23	0.23	0.01396	15785	27.659	70.589
13.6882	3.00743	50.004	49.998	50.001	28.51	0.246	0.015509	15785	25.978	75.213
13.661	2.99494	49.994	50.004	49.997	28.5	0.235	0.010135	15785	24.726	82.859
13.6933	3.00382	50.001	50	50.001	28.52	0.235	0.019141	15785	24.255	84.656
13.6986	3.00849	49.999	49.999	50	28.4	0.236	0.021264	15785	24.074	86.484
13.6713	3.00152	49.996	50.002	50.007	28.52	0.25	0.023623	15785	24.435	87.468
13.6675	3.00071	49.995	49.998	50.002	28.36	0.247	0.026244	15785	24.305	89.574
13.6574	2.99646	50.004	49.998	49.992	28.36	0.238	0.029156	15785	23.864	91.471
13.6598	2.99997	50.002	50.006	50.006	28.35	0.25	0.03239	15785	23.222	93.434
13.6817	2.99833	50	49.997	49.999	28.48	0.239	0.014111	15785	22.731	93.981
13.6844	3.00595	50.001	49.998	49.997	28.43	0.239	0.015677	15785	22.43	95.507
13.6674	2.99987	50.005	49.997	50	28.54	0.244	0.017416	15785	22.952	94.775
13.7077	3.00229	49.995	50.002	49.999	27.91	0.233	0.037278	15785	24.034	92.438
13.6714	2.99965	50.003	49.998	50.003	27.86	0.232	0.041413	15785	25.817	86.23
13.6883	3.00571	49.998	50.001	50.004	27.6	0.247	0.01592	15785	27.649	74.789
13.6784	2.99675	49.999	49.998	50.006	27.71	0.23	0.030066	15785	28.02	69.178
13.7035	3.01093	49.998	50.004	50	27.85	0.231	0.056782	15785	28.29	67.705
13.6785	2.99978	49.998	49.995	50.002	27.88	0.231	0.042055	15785	27.99	69.26
13.6697	3.00146	49.993	49.996	49.999	27.72	0.237	0.016166	15785	27.659	68.21
13.6577	3.00563	49.996	50.002	49.998	27.83	0.23	0.01796	15785	27.759	69.451
13.664	2.99633	49.996	50.004	49.996	27.84	0.229	0.004061	15785	27.679	69.929
13.6632	2.99574	50	50.007	49.999	27.86	0.228	0.022166	15785	26.959	67.326
13.6713	2.99965	49.999	49.999	50.003	27.86	0.235	0.024625	15785	26.839	59.214
13.6454	2.99358	49.999	50.009	50.004	27.96	0.24	0.010728	15785	26.138	69.047
13.6707	3.00278	50.003	50.004	50.001	28.35	0.231	0.034444	15785	24.716	72.827

13.6745	3.00011	49.998	50.001	50.002	28.53	0.231	0.022509	15785	21.648	85.276
13.687	3.00627	49.999	49.999	50.001	28.78	0.242	0.01471	15785	20.394	86.913
13.6569	2.99998	49.996	50.005	50.002	28.53	0.253	0.010894	15785	19.048	91.424
13.6455	2.99907	50	49.997	50.002	29.22	0.238	0.034977	15785	18.587	91.77
13.6986	3.00369	50.002	49.994	49.995	28.93	0.257	0.007909	15785	17.904	93.826
13.6902	3.00738	49.998	50.002	50.004	29	0.257	0.014937	15785	17.652	94.853
13.6961	3.00209	49.991	49.997	49.999	29.31	0.257	0.016595	15785	17.15	95.315
13.6552	2.994	49.998	49.996	49.995	29.17	0.247	0.010844	15785	16.145	96.027
13.6634	3.00477	50.003	50.003	49.997	29.21	0.244	0.013654	15785	15.823	96.304
13.6476	2.99636	50.004	50.001	49.998	29.22	0.241	0.015169	15785	16.165	96.614
13.6735	3.00409	49.998	50	49.999	28.19	0.241	0.016852	15785	20.946	85.364
13.6414	2.99324	49.999	50.005	49.999	27.57	0.24	0.036069	15785	22.851	82.169
13.6667	3.00093	50.004	49.999	50.011	27.54	0.233	0.040071	15785	25.016	78.834
13.6671	3.00001	49.999	50.001	50.002	27.51	0.237	0.026186	15785	25.677	72.079
13.6742	2.99953	49.994	49.996	50.001	27.8	0.243	0.017113	15785	26.969	70.523
13.6652	2.99554	49.999	50.004	49.999	27.69	0.225	0.036628	15785	28.14	58.791
13.6997	3.00427	49.998	49.994	49.997	27.64	0.231	0.023936	15785	28.55	63.058
13.6669	2.99506	50.005	50.008	50.001	27.54	0.227	0.045206	15785	29.18	62.276
13.687	2.99921	50.004	50.002	49.997	27.7	0.235	0.050221	15785	29.97	61.05
13.6836	3.00104	50.001	50.006	50	27.84	0.235	0.032819	15785	27.259	71.577
13.6628	3.00101	49.999	50.005	50.003	27.91	0.232	0.021447	15785	23.794	81.015
13.677	3.00113	50	50.004	50.003	27.88	0.243	0.009344	15785	25.517	73.034
13.6947	3.00805	49.996	50.003	50	28.17	0.233	0.017647	15785	26.799	71.748
13.6897	3.00049	49.995	49.997	49.994	28.3	0.243	0.019604	15785	25.196	79.886
13.7094	3.00834	50.002	49.998	49.996	28.53	0.237	0.041962	15785	22.129	92.334
13.6632	2.99867	49.994	49.999	49.997	28.57	0.241	0.009489	15785	22.26	91.761
13.6476	2.98784	50.002	50.006	50.001	28.53	0.252	0.01792	15785	21.859	87.061
13.6731	3.00344	50.003	50.001	50.003	28.51	0.242	0.013272	15785	21.949	83.402
13.6897	3.00692	49.99	49.998	49.998	28.33	0.241	0.014744	15785	20.745	87.265
13.6665	2.99246	50.002	49.999	49.995	28.59	0.252	0.009635	15785	19.4	90.651
13.671	3.00434	49.998	50	49.998	28.53	0.244	0.012132	15785	18.707	88.516
13.6897	3.00671	49.995	49.998	49.995	29.36	0.249	0.020216	15785	18.034	86.407
13.6702	2.99749	50.003	49.996	49.997	29.2	0.26	0.025454	15785	16.929	87.659
13.6628	3.00503	50	50.005	49.997	29.97	0.251	0.009785	15785	16.507	87.7
13.6789	2.99839	49.997	49.998	49.992	28.32	0.249	0.01087	15785	18.135	81.415
13.6713	3.0028	49.995	50	50.003	27.74	0.248	0.05933	15785	19.832	76.516

13.6737	3.00385	49.999	50.007	50.001	27.51	0.235	0.022807	15785	21.909	66.569
13.6768	3.00425	49.998	50.003	49.998	27.29	0.235	0.028716	15785	23.242	60.04
13.6728	3.00354	49.997	49.999	50	27.3	0.232	0.031902	15785	24.124	54.305
13.6788	3.00411	50.003	49.997	49.998	27.36	0.229	0.035441	15785	24.625	46.628
13.6514	2.99821	50	49.997	50.001	27.27	0.226	0.044622	15785	25.427	46.823
13.6771	3.00037	50.002	49.997	50.001	27.37	0.237	0.02916	15785	25.557	48.834
13.6606	2.99859	49.999	50	49.997	27.41	0.232	0.055073	15785	26.158	44.894
13.6704	2.99864	49.998	49.998	49.999	27.71	0.24	0.040788	15785	25.998	45.738
13.6836	3.00601	49.998	49.997	49.999	27.81	0.238	0.026655	15785	25.757	46.336
13.6671	2.99816	50	50.006	50.008	27.85	0.23	0.029612	15785	25.397	45.269
13.6869	3.00772	50.002	50.003	50.001	28.01	0.231	0.012901	15785	25.156	50.692
13.6517	2.99715	49.999	49.998	49.999	28.5	0.246	0.014332	15785	23.152	61.472
13.6678	2.99444	50.004	49.998	49.999	28.96	0.239	0.015922	15785	20.293	70.74
13.6744	2.99986	49.998	49.999	50.001	29.05	0.245	0.020047	15785	17.431	86.435
13.6845	3.00708	49.998	49.999	50.001	29.15	0.245	0.022271	15785	17.2	86.597
13.6572	2.99482	50	50.004	50.003	29.18	0.25	0.042061	15785	16.245	90.143
13.6791	3.00059	50.001	49.997	50	29.91	0.255	0.009511	15785	15.783	90.902
13.6524	2.99568	50.002	50.003	50.002	29.91	0.26	0.017963	15785	15.17	93.002
13.6452	2.99886	50.001	49.997	50.005	30.6	0.254	0.019955	15785	15.029	93.098
13.6532	2.99373	49.999	49.996	49.998	30.54	0.245	0.025125	15785	13.952	94.527
13.6875	3.00719	49.994	50.001	49.998	30.44	0.254	0.005681	15785	14.395	93.947
13.6478	2.9954	50	50.003	49.998	30.46	0.247	0.031009	15785	14.958	93.08
13.6306	2.99619	50	50.001	49.999	28.57	0.25	0.01192	15785	16.597	87.198
13.6779	3.00067	50.001	50.002	50	27.34	0.237	0.022513	15785	21.136	74.974
13.6677	2.99418	49.998	50	49.997	27.41	0.235	0.014712	15785	22.932	70.976
13.6684	2.9978	49.993	49.993	49.999	27.58	0.231	0.010896	15785	26.208	55.51
13.6439	2.99392	50.002	50.001	50.004	27.48	0.244	0.052475	15785	27.389	41.537
13.688	3.00445	50.002	49.999	50.001	27.68	0.235	0.011866	15785	26.078	50.07
13.6972	3.01102	50.003	50	49.998	27.52	0.231	0.038096	15785	26.929	41.96
13.6727	2.99812	50.001	50.002	50.002	27.6	0.23	0.047966	15785	27.419	49.264
13.6528	2.99568	50.002	50.002	50.003	27.79	0.234	0.018439	15785	27.439	44.874
13.6657	3.0039	50.003	49.998	49.997	27.8	0.229	0.034823	15785	27.809	49.672
13.6975	3.00516	50.006	49.998	49.999	27.96	0.23	0.038686	15785	25.627	55.551
13.6722	3.00266	49.999	50.003	50.003	27.86	0.245	0.028652	15785	24.776	60.944
13.6876	2.99658	49.992	49.994	50.002	28.42	0.241	0.018724	15785	23.713	63.148
13.6818	3.0052	49.999	50.004	50	28.43	0.232	0.035362	15785	21.728	76.174

13.6642	2.9929	50.001	49.999	50	28.23	0.245	0.015406	15785	20.956	76.368
13.6838	2.99977	50	50.003	50	28.44	0.239	0.010068	15785	20.243	81.262
13.6778	3.00525	50.003	49.999	49.995	28.42	0.247	0.032324	15785	20.113	84.075
13.7054	3.00721	50.001	50.004	50.003	28.58	0.244	0.012426	15785	19.008	90.645
13.6946	3.00247	49.998	49.998	50.004	28.68	0.25	0.004777	15785	18.255	90.266
13.686	2.99792	49.996	50.001	50.003	29.26	0.242	0.005306	15785	17.562	94.652
13.7184	3.00864	50	49.997	50	29.22	0.25	0.019309	15785	17.572	94.787
13.6533	2.99435	49.999	49.998	49.998	28.87	0.244	0.012618	15785	17.09	95.54
13.6996	3.00371	50	50	50.006	29.57	0.261	0.014018	15785	16.215	95.785
13.6564	2.99427	50.001	50.001	49.995	29.91	0.253	0.015573	15785	16.125	96.151
13.6637	3.00224	49.998	50.001	49.999	28.54	0.255	0.029411	15785	18.577	90.023
13.6751	3.00404	49.999	50.007	49.998	27.51	0.239	0.032674	15785	21.768	75.506
13.6564	2.99818	50.001	49.996	49.997	27.4	0.231	0.036299	15785	24.174	69.672
13.6669	2.99884	50.002	49.999	50	27.45	0.243	0.045703	15785	26.548	55.338
13.6574	2.99853	50.004	50.01	50	27.75	0.234	0.050774	15785	27.469	52.441
13.6558	2.99755	50.005	50.001	49.999	27.82	0.235	0.033181	15785	27.299	50.42
13.6838	3.00066	50.005	50	49.997	27.58	0.227	0.021683	15785	29.34	43.104
13.669	3.0006	49.995	50.002	50.001	27.7	0.228	0.069617	15785	28.28	51.163
13.693	3.00067	50.004	50	50	27.94	0.244	0.045494	15785	28.95	48.175
13.6687	3.00115	50.002	50.004	49.998	27.85	0.228	0.02973	15785	29.8	41.93
13.6612	2.99808	49.998	49.997	49.997	28.06	0.231	0.033029	15785	28.59	43.932
13.6647	2.99748	49.999	49.999	49.999	27.9	0.242	0.036693	15785	28.55	49.472
13.6605	2.99653	50.002	49.995	49.997	28.11	0.229	0.040764	15785	27.9	51.954
13.6789	3.00305	50.003	50.002	50.004	28.19	0.239	0.009218	15785	24.786	63.711
13.6731	3.00136	49.998	50.001	49.995	28.53	0.239	0.029594	15785	22.139	71.838
13.671	2.99635	50.001	49.998	49.998	28.85	0.242	0.01934	15785	20.093	86.647
13.6638	2.99445	50.001	50	49.998	29.02	0.246	0.036525	15785	18.868	91.68
13.6593	2.99606	49.994	50.001	50.002	29.15	0.242	0.040577	15785	17.863	93.995
13.6722	2.9985	50.006	49.999	49.997	29.09	0.25	0.026517	15785	17.492	94.252
13.6776	2.99726	50.002	50.004	50	28.84	0.246	0.010193	15785	16.909	94.612
13.6664	2.99748	50.001	49.996	49.998	28.96	0.243	0.019251	15785	16.808	95.727
13.6709	2.99785	50.006	49.992	50	29.1	0.252	0.012581	15785	16.778	96.002
13.6534	2.99291	50.002	50.002	50.008	29.84	0.252	0.02376	15785	16.125	96.194
13.6594	3.00172	49.993	49.999	49.993	29.37	0.248	0.02329	15785	15.904	96.436
13.6923	3.01025	50.002	49.993	49.996	28.12	0.257	0.025874	15785	19.36	86.255
13.6689	2.99467	49.994	50.003	49.999	27.57	0.237	0.048866	15785	21.528	80.213

13.662	2.998	50.006	50.003	49.997	27.77	0.252	0.017971	15785	24.305	71.625
13.6602	2.99539	49.996	49.999	49.998	27.82	0.231	0.038466	15785	26.438	58.66
13.6492	2.99635	49.997	49.998	50	27.84	0.229	0.025137	15785	26.839	59.029
13.6738	2.99939	50	50	49.999	27.78	0.23	0.047475	15785	27.329	56.612
13.6772	3.0019	49.997	50.004	49.999	27.84	0.246	0.052741	15785	28.21	53.984
13.6738	3.00381	50.005	50.002	50.006	27.84	0.232	0.058593	15785	27.199	58.278
13.6883	3.00325	49.997	49.996	49.999	27.85	0.229	0.022524	15785	26.478	59.098
13.6654	2.99899	50.002	50.003	49.997	27.93	0.246	0.081957	15785	26.138	63.961
13.6838	3.00087	50.003	50	50	27.84	0.238	0.018532	15785	26.608	61.262
13.6644	2.99942	50.004	49.998	49.999	27.85	0.242	0.035	15785	26.558	64.119
13.6436	2.99186	50.003	49.991	49.999	27.93	0.242	0.00897	15785	26.508	63.541
13.67	2.99308	50.008	49.992	49.999	28.28	0.233	0.009965	15785	24.956	68.259
13.6659	2.99379	49.999	50	49.995	28.54	0.253	0.031993	15785	22.591	79.182
13.6617	2.99315	50.005	50.001	49.999	28.5	0.233	0.040281	15785	21.899	81.828
13.6872	3.0074	49.995	50	50.002	28.55	0.255	0.026324	15785	21.748	84.193
13.6399	2.99473	50	49.996	49.999	28.53	0.254	0.010119	15785	21.467	84.658
13.6677	2.99516	49.998	49.999	50	28.28	0.24	0.011242	15785	22.029	81.65
13.667	2.99846	50.004	49.999	49.999	28.24	0.246	0.014154	15785	21.778	82.521
13.6856	2.99862	49.995	49.998	50.003	28.49	0.245	0.00925	15785	21.277	84.515
13.6882	3.00831	49.997	49.995	49.997	28.39	0.247	0.017469	15785	21.136	84.909
13.6804	3.00414	49.999	49.999	50.007	28.81	0.246	0.019407	15785	20.263	88.58
13.6608	2.99296	50.002	49.998	50.003	28.51	0.243	0.024434	15785	20.012	89.524
13.6835	3.0052	49.998	50.003	50.004	28.41	0.248	0.015968	15785	21.347	88.041
13.6654	2.99968	50	50.004	49.996	27.89	0.238	0.030157	15785	23.222	83.147
13.6443	2.99559	49.998	50.001	49.993	27.85	0.24	0.037969	15785	25.076	80.578
13.6765	3.00308	49.997	49.994	49.999	27.97	0.232	0.024813	15785	26.158	79.365
13.6884	3.00424	49.996	50.008	50	27.9	0.233	0.079665	15785	26.158	80.886
13.6542	2.99618	50.003	50	49.998	27.84	0.241	0.018014	15785	27.319	77.789
13.6512	2.99537	49.995	49.993	50	27.95	0.238	0.022681	15785	28.99	71.724
13.6764	3.00026	49.998	49.996	49.999	28.28	0.242	0.042835	15785	30.06	69.627
13.6625	2.99665	49.997	50	49.995	27.94	0.225	0.027993	15785	31.389	63.85
13.6603	3.0001	50.004	50.001	50.004	28.38	0.227	0.031098	15785	30.52	66.752
13.6691	2.99941	49.999	50.001	49.998	28.1	0.233	0.039155	15785	30.16	64.349
13.6558	2.99545	49.991	49.999	49.996	27.87	0.232	0.025587	15785	30.64	59.976
13.6675	2.99822	50.005	50.004	49.998	28.02	0.231	0.016721	15785	29.06	62.927
13.7094	3.01067	49.994	50.001	50.002	28.49	0.234	0.010927	15785	26.759	70.627

13.6652	2.99851	50.001	50	50.001	28.53	0.238	0.008093	15785	25.527	75.318
13.6396	2.99322	49.998	49.999	50.002	28.55	0.237	0.015285	15785	24.535	81.881
13.6753	3.00232	50	50.005	49.998	28.5	0.245	0.009988	15785	23.673	84.599
13.6715	3.0013	50.002	50.007	49.998	28.53	0.254	0.012576	15785	22.39	87.432
13.6851	3.00553	50.001	49.999	49.995	28.51	0.239	0.013971	15785	21.447	89.539
13.6966	3.00547	49.998	49.995	50	28.58	0.245	0.00913	15785	20.926	90.792
13.6903	3.00358	50.003	50.002	49.998	28.57	0.251	0.011495	15785	20.344	91.915
13.6532	2.99287	49.997	49.995	49.998	28.65	0.247	0.02171	15785	19.761	93.196
13.6596	2.99318	50.005	50.001	50.004	28.88	0.256	0.041002	15785	19.561	93.281
13.6957	3.0018	50.001	50	49.998	28.56	0.26	0.015762	15785	19.36	94.002
13.6913	3.00124	49.999	49.997	50.002	28.43	0.239	0.01751	15785	20.223	92.578
13.6975	3.00898	49.995	49.999	50.005	28.52	0.253	0.037479	15785	21.347	89.221
13.6839	2.99934	49.999	50.007	50.003	27.91	0.243	0.024493	15785	22.51	77.462
13.6739	2.99999	50.002	49.998	49.999	27.97	0.235	0.02721	15785	23.453	74.031
13.6672	3.00186	50.002	49.995	49.999	27.85	0.239	0.017781	15785	24.315	75.684
13.6946	3.00608	50	50.001	50.001	27.81	0.237	0.013169	15785	26.538	70.615
13.6602	2.99894	50.002	49.997	49.996	27.85	0.226	0.07188	15785	26.759	73.972
13.6602	2.997	49.998	50.001	49.999	27.9	0.238	0.016254	15785	24.736	83.094
13.671	3.00373	49.996	49.996	49.998	28.51	0.251	0.030697	15785	22.691	85.937
13.6702	3.00264	50.001	49.995	50.002	28.53	0.245	0.034102	15785	22.139	89.851
13.67	3.00124	49.997	49.998	49.994	28.04	0.243	0.042937	15785	22.089	80.859
13.6733	3.0017	49.998	49.997	50.002	28.18	0.238	0.016505	15785	22.45	76.535
13.6673	2.99379	50	50.002	50.004	27.91	0.25	0.031172	15785	23.262	76.834
13.6631	2.99711	49.997	50.007	50.001	28.31	0.24	0.020371	15785	22.52	80.821
13.6621	3.00055	50.001	50	50.002	28.46	0.241	0.025648	15785	20.444	88.479
13.6416	2.99627	49.999	49.999	49.998	28.5	0.254	0.016761	15785	20.374	88.991
13.6833	3.00657	50.001	49.999	50.001	28.55	0.247	0.010953	15785	19.962	91.444
13.6537	2.99856	49.998	49.998	49.999	28.68	0.248	0.013791	15785	19.932	92.319
13.6623	2.99908	50.002	49.995	49.995	28.52	0.25	0.015321	15785	19.761	92.923
13.6503	2.99717	49.999	50.011	50.002	28.53	0.243	0.028935	15785	19.42	93.039
13.6807	2.99878	50.002	49.999	49.994	28.61	0.241	0.018909	15785	19.089	93.546
13.6698	3.00264	50.001	49.998	50.002	29.04	0.245	0.021007	15785	18.697	93.604
13.6932	3.00379	50.005	50.006	50.003	28.55	0.243	0.023337	15785	18.556	94.49
13.7038	3.00489	50	50.005	50.002	29.2	0.245	0.015251	15785	18.185	93.018
13.6849	3.00142	49.994	49.998	49.996	28.17	0.237	0.028803	15785	19.922	89.74
13.6603	2.99756	49.999	49.991	49.997	27.77	0.238	0.021332	15785	22.801	80.881

13.6743	3.00106	50.003	49.994	50.002	27.4	0.241	0.040288	15785	24.766	81.171
13.6655	2.99837	49.997	49.997	49.999	27.82	0.239	0.076087	15785	26.638	75.37
13.6581	2.99729	50	49.996	50.001	27.83	0.231	0.084529	15785	27.089	75.152
13.6778	3.00137	50	50.001	49.999	27.83	0.236	0.062604	15785	27.809	70.559
13.6683	3.00421	49.994	49.995	49.997	31.25	0.245	0	15785	29.4	62.189
13.6552	2.99243	49.997	50	49.999	28.07	0.238	0.02917	15785	29.94	62.887
13.6585	3.00694	50.005	50.007	50.002	28.14	0.236	0.055091	15785	29.48	59.676
13.6688	3.00035	49.999	50.001	50.005	27.94	0.229	0.036002	15785	30.11	60.576
13.6553	2.99768	49.999	50.001	50.003	27.87	0.242	0.045329	15785	29.09	66.419
13.6917	3.00481	50.005	50.008	50.001	27.97	0.243	0.050357	15785	28.28	65.362
13.6994	3.00609	50.001	50.001	49.998	27.98	0.244	0.019358	15785	27.379	71.199
13.6527	2.9965	50	49.999	50.003	28.52	0.232	0.024373	15785	25.797	72.863
13.7068	3.00242	49.994	50.001	49.998	28.53	0.235	0.015928	15785	24.195	80.074
13.6718	3.00009	49.995	50.002	49.998	28.52	0.243	0.034092	15785	24.034	72.726
13.6318	2.99443	49.997	50.001	50.006	28.55	0.242	0.022279	15785	23.042	75.868
13.661	3.00206	49.999	50.002	50.001	28.52	0.241	0.02475	15785	21.838	79.551
13.6514	2.9975	49.998	49.998	50.002	28.53	0.258	0.052976	15785	21.126	83.094
13.6636	3.00477	50.002	50.011	49.994	28.5	0.25	0.03462	15785	20.424	86.378
13.6737	2.99695	50	50.001	49.995	28.53	0.251	0.022624	15785	19.862	89.44
13.6714	2.99584	50.002	50	49.994	28.55	0.259	0.014784	15785	19.31	91.699
13.677	3.00412	50	49.997	49.999	29.19	0.245	0.027922	15785	19.109	91.972
13.67	2.9985	49.998	49.998	50.002	28.63	0.249	0.018247	15785	19.129	92.231
13.6514	2.99958	49.997	49.998	49.997	28.11	0.252	0.034461	15785	21.136	84.956
13.658	3.00152	50.003	49.997	49.996	27.67	0.238	0.02252	15785	23.744	76.769
13.7133	3.01428	50.002	50.001	50.002	27.68	0.239	0.009811	15785	25.597	76.267
13.6846	3.00586	50.004	50.004	50.003	27.78	0.229	0.01853	15785	27.569	72.491
13.6866	3.00621	49.999	49.997	50	27.84	0.232	0.039661	15785	29.53	68.537
13.6855	3.0033	50.001	50.005	50.001	28.14	0.228	0.025918	15785	30.46	62.816
13.6857	3.00215	50.002	50	50	28.24	0.227	0.016937	15785	29.9	66.319
13.6796	3.00418	49.997	50.001	49.996	27.99	0.241	0.031988	15785	29.94	66.565
13.6657	3.00096	50.011	50.001	49.998	27.88	0.236	0.020904	15785	28.94	74.164
13.6533	2.99445	50.003	49.994	49.998	27.86	0.235	0.013661	15785	28.3	78.834
13.6485	3.00222	50	49.999	50	27.95	0.234	0.015176	15785	27.499	75.262
13.6919	3.00559	50	50.002	50	27.9	0.231	0.019108	15785	27.599	75.14
13.6479	2.9945	50.003	49.999	50.003	28.28	0.243	0.021228	15785	26.919	80.941
13.6681	3.00122	49.997	50.005	49.992	28.2	0.244	0.015722	15785	25.637	84.251

13.6547	3.00023	50.003	49.997	50.001	28.53	0.251	0.029692	15785	24.395	89.769
13.6561	2.99915	50.005	49.998	50.005	28.52	0.242	0.037385	15785	24.054	90.799
13.6689	3.00158	50	50	50.005	28.16	0.242	0.014371	15785	23.914	83.043
13.6693	2.99958	50	49.998	50.002	28.47	0.24	0.018094	15785	23.914	82.578
13.6486	2.99635	49.999	50.004	50.003	28.43	0.247	0.020102	15785	22.009	90.489
13.6652	2.99742	50.001	50.003	50.008	28.53	0.258	0.014888	15785	21.899	93.166
13.6967	3.01057	49.999	50.001	49.994	28.63	0.238	0.009729	15785	22.049	92.295
13.6751	3.00211	50.004	50.007	49.996	28.38	0.242	0.010808	15785	22.109	93.15
13.668	3.0036	50.005	49.999	50.001	28.19	0.243	0.020413	15785	21.678	94.259
13.6772	2.99962	49.998	49.999	49.996	28.53	0.258	0.008893	15785	21.608	94.902
13.6887	3.004	50	50.001	50.005	28.56	0.254	0.016796	15785	22.049	94.266
13.6617	2.99832	49.997	50.001	50.003	27.84	0.252	0.010976	15785	24.425	87.563
13.6913	3.00715	49.995	50.007	49.999	27.84	0.245	0.008129	15785	24.505	86.03
13.6715	3.00339	50.003	50.006	49.998	27.55	0.237	0.026099	15785	26.038	68.478
13.7008	3.0084	50.003	50.001	49.999	27.83	0.245	0.01933	15785	26.678	64.527
13.6708	3.00388	50.005	49.997	49.999	27.65	0.229	0.021474	15785	26.779	61.653
13.669	3.00419	50.004	50.002	50.005	27.7	0.233	0.009356	15785	28.43	51.345
13.6852	3.003	49.996	49.996	49.998	27.75	0.229	0.010393	15785	28.31	40.303
13.655	2.99684	50	50.003	50.002	27.73	0.235	0.011547	15785	28.21	42.37
13.6552	3.00462	49.997	49.999	50	27.79	0.242	0.021807	15785	28.32	44.976
13.6402	3.00133	49.995	50.004	50.002	27.85	0.229	0.014251	15785	28	43.091
13.6515	2.99351	50.005	50.002	49.993	27.84	0.238	0.017943	15785	27.499	47.634
13.6719	2.99997	50	50.003	49.998	27.87	0.237	0.019933	15785	25.978	54.089
13.6937	3.00788	49.996	49.998	49.992	28.44	0.232	0.008684	15785	22.761	65.027
13.6772	3.00627	49.999	50.003	50.003	29.15	0.259	0.014471	15785	19.581	79.517
13.6504	2.99384	50	49.999	49.997	29.54	0.248	0.01822	15785	18.878	80.709
13.6603	2.99897	49.998	49.999	49.999	29.22	0.256	0.011907	15785	18.597	82.68
13.6314	2.99379	50.001	50.006	49.996	29.22	0.254	0.022488	15785	18.426	82.113
13.679	3.00358	49.996	49.998	50.002	30.29	0.262	0.024982	15785	17.552	84.388
13.659	2.99678	49.998	50.005	50	30.6	0.254	0.027754	15785	16.728	86.389
13.6445	2.99259	50.001	50	49.998	30.5	0.248	0.006276	15785	15.602	89.729
13.6683	2.99797	50	49.999	49.998	30.16	0.259	0.011853	15785	17.029	85.199
13.6572	2.99796	50.001	50.001	50	30.18	0.256	0.022385	15785	16.185	88.166
13.7242	3.01192	50.001	50.001	49.998	29.97	0.254	0.014628	15785	15.642	89.947
13.6944	3.00778	49.996	50.003	50.003	28.53	0.25	0.027627	15785	17.562	85.469
13.6931	3.0084	50.004	49.997	50.001	27.46	0.239	0.012036	15785	19.922	78.938

13.6674	2.99968	50.003	50.001	50.002	27.26	0.244	0.013371	15785	22.31	72.482
13.6439	2.99401	49.999	49.996	50	27.5	0.248	0.014855	15785	24.565	66.417
13.6586	2.99873	49.991	49.999	49.999	27.69	0.24	0.018703	15785	26.588	54.902
13.6928	3.00382	49.994	50.001	49.999	27.56	0.239	0.035323	15785	27.709	51.218
13.6806	3.00407	50.005	49.998	49.997	27.84	0.228	0.015389	15785	28.89	49.121
13.691	3.00421	50	49.999	49.996	27.84	0.239	0.029064	15785	29.22	44.239
13.6875	3.00528	49.997	49.995	49.995	27.85	0.241	0.003866	15785	29.49	40.323
13.6553	2.99452	49.998	49.998	50.004	27.85	0.228	0.012412	15785	29.43	43.825
13.7028	3.00864	50.004	49.997	50	27.87	0.238	0.023441	15785	29.53	43.396
13.6382	2.99257	50.001	49.998	50	27.91	0.231	0.015319	15785	29.48	45.21
13.687	3.00196	50.001	50	50	28.13	0.233	0.017018	15785	28.04	57.217
13.6683	3.00344	50.002	49.999	49.999	28.26	0.232	0.012604	15785	24.776	68.572
13.6743	2.9976	49.999	50	50.003	28.6	0.243	0.023804	15785	22.42	75.471
13.6812	3.00151	50	50.002	50.008	28.79	0.241	0.026445	15785	21.528	78.325
13.6438	2.99503	50.001	50.001	50.007	29.22	0.246	0.029379	15785	20.283	83.157
13.6537	3.00073	49.995	50.006	50.004	28.64	0.252	0.011293	15785	18.968	87.935
13.6725	3.00177	49.999	50	49.999	29.46	0.245	0.012546	15785	18.285	90.068
13.6894	3.00046	49.998	50	49.999	29.22	0.256	0.015797	15785	17.351	92.395
13.6584	2.99345	50.006	49.999	50.003	29.3	0.245	0.017549	15785	17.431	93.343
13.6701	3.00657	49.999	49.993	49.999	29.76	0.263	0.011468	15785	16.698	94.202
13.6975	3.00871	49.996	49.996	50.003	29.86	0.25	0.021659	15785	16.467	95.023
13.706	3.00616	50.004	50.001	50.001	29.83	0.262	0.014154	15785	17.331	93.452
13.683	2.99862	49.996	50.007	50.001	28.21	0.259	0.015724	15785	19.641	91.083
13.6927	2.99748	49.996	49.997	50	27.71	0.241	0.011646	15785	22.45	84.4
13.6702	2.99234	50.001	49.994	49.998	27.67	0.238	0.007611	15785	24.235	76.867
13.6355	2.99155	50.004	49.998	50.002	27.63	0.233	0.027693	15785	25.817	72.275
13.6539	2.99856	50.013	50.006	49.999	27.64	0.233	0.018097	15785	27.159	64.487
13.6753	3.00292	50.001	50.006	49.999	27.41	0.238	0.013403	15785	28.16	47.878
13.6745	2.99875	50.003	50.005	50.002	27.54	0.227	0.025313	15785	28.87	46.408
13.6623	3.00227	49.999	49.997	50.002	27.62	0.247	0.011028	15785	29.38	41.202
13.6814	3.00205	49.997	50	49.999	27.47	0.236	0.035407	15785	29.54	42.754
13.6639	2.99743	49.999	50.002	49.997	27.76	0.227	0.023138	15785	29.28	43.976
13.6778	3.0008	50.002	50.002	49.999	27.84	0.235	0.025705	15785	28.83	40.631
13.6679	2.99952	50	49.998	49.997	27.84	0.237	0.016798	15785	28.19	45.729
13.67	2.9978	50	49.999	50.003	27.91	0.231	0.012441	15785	26.749	46.653
13.6693	3.00122	50.003	50	50	28.49	0.251	0.00813	15785	23.022	61.211

13.6863	3.00049	49.999	50.006	50.001	28.58	0.252	0.015355	15785	21.186	66.877
13.6623	2.99606	49.995	50.002	49.999	29.48	0.259	0.010034	15785	17.843	83.089
13.6913	3.00887	50	49.997	50.004	29.77	0.245	0.021478	15785	17.24	83.872
13.6631	2.99477	49.997	50	50.001	29.78	0.263	0.014036	15785	16.306	84.495
13.6769	3.00411	49.995	49.999	50.002	30.41	0.261	0.009172	15785	14.958	88.244
13.6546	3.00249	50.002	49.999	49.995	29.93	0.253	0.01019	15785	14.717	87.74
13.6466	3.00107	49.999	50.001	50.001	29.81	0.261	0.01132	15785	14.053	89.892
13.6583	3.00388	50.002	49.998	49.997	29.29	0.264	0.02423	15785	13.721	91.42
13.6486	2.99784	50.001	50.007	50.004	29.2	0.246	0.013971	15785	12.926	94.253
13.697	3.00753	50.008	49.995	49.998	28.92	0.254	0.006087	15785	12.724	93.831
13.6861	3.00434	50.001	49.993	50.001	28.63	0.257	0.011496	15785	16.145	84.555
13.7067	3.00815	49.999	49.996	50.009	27.81	0.245	0.012771	15785	19.099	79.597
13.6921	3.0082	49.997	50.002	49.996	27.31	0.241	0.027335	15785	22.51	71.931
13.6687	3.00032	50	49.998	49.995	27.6	0.236	0.017863	15785	25.387	62.61
13.6824	3.00226	49.997	50.001	49.998	27.66	0.229	0.022491	15785	26.889	50.691
13.6729	3.00381	49.999	50.002	50.001	27.43	0.225	0.042477	15785	27.789	49.506
13.679	2.99991	50.001	50.001	50	27.39	0.236	0.03146	15785	28.24	46.267
13.6813	3.00493	50.003	50.002	50.011	27.8	0.245	0.03495	15785	29.07	46.365
13.6598	2.9968	50	50.005	49.997	27.66	0.244	0.004649	15785	28.57	45.306
13.6553	3.00294	50	50.003	50.004	27.85	0.244	0.025373	15785	28.71	46.023
13.6788	3.0045	49.999	50	50.003	27.84	0.244	0.04792	15785	28.76	52.165
13.6944	3.00782	50.004	50.001	50	27.84	0.24	0.031316	15785	27.339	54.278
13.6495	2.99547	50.004	50.004	50.002	27.94	0.244	0.023193	15785	25.847	62.774
13.6587	2.99804	50.004	50.004	50	28.08	0.246	0.017178	15785	24.475	68.289
13.6826	3.00558	50.005	50.001	50.008	28.47	0.256	0.011225	15785	22.911	75.161
13.6795	2.99963	50	50.001	50.001	28.59	0.258	0.0212	15785	22.119	79.557
13.6915	3.00139	50.001	49.998	49.994	28.53	0.254	0.015702	15785	21.206	82.727
13.6969	3.00039	49.998	50.005	49.996	28.55	0.25	0.010261	15785	20.022	87.021
13.6732	3.00076	49.997	50	49.999	29.04	0.245	0.011399	15785	19.46	87.374
13.6484	2.99351	50.005	49.998	49.998	28.53	0.251	0.007449	15785	18.958	89.999
13.6739	2.99466	49.993	50.005	50.002	29.2	0.247	0.023917	15785	19.54	90.543
13.6592	3.0029	50.002	50	50	28.53	0.254	0.017714	15785	19.872	90.954
13.675	2.99808	49.995	49.997	49.995	28.99	0.242	0.006809	15785	19.912	89.927
13.6614	3.00527	50.001	49.993	49.998	28.82	0.261	0.007565	15785	18.777	92.256
13.6802	2.99712	50.004	49.997	50.001	28.23	0.247	0.014287	15785	19.711	89.546
13.6578	2.99451	49.995	49.999	50.003	27.81	0.243	0.017988	15785	22.46	82.26

13.671	2.99946	49.997	49.994	49.999	27.49	0.23	0.011755	15785	25.467	62.623
13.6704	2.99945	50.002	49.995	49.997	27.38	0.239	0.008706	15785	26.819	56.631
13.6746	3.00694	50	49.998	49.999	27.44	0.242	0.016443	15785	28.21	53.12
13.6722	2.99983	49.994	50.002	50.002	27.7	0.242	0.031054	15785	29.59	54.686
13.6541	2.99505	50.003	50.003	49.998	27.84	0.233	0.039098	15785	30.04	58.669
13.6694	3.00576	49.997	49.997	49.999	27.84	0.233	0.025551	15785	30.77	55.967
13.6954	3.00643	50	49.999	49.991	28.14	0.238	0.028385	15785	31.329	56.809
13.6535	3.00035	50	50.004	50.003	27.89	0.23	0.053609	15785	31.299	59.013
13.6871	3.00309	50.003	50.007	49.992	27.89	0.23	0.023355	15785	30.99	56.38
13.68	3.00233	50.001	49.999	49.995	27.84	0.227	0.015263	15785	30.36	58.061
13.6623	3.00452	49.999	50.002	50.001	27.84	0.234	0.049002	15785	29.21	62.13
13.6794	3.01047	50	49.997	50.002	28.05	0.237	0.012558	15785	27.729	67.636
13.6829	3.00723	49.996	50	49.999	27.95	0.234	0.013951	15785	27.129	72.037
13.664	2.99675	49.999	49.996	49.991	27.9	0.242	0.015499	15785	26.809	75.348
13.672	3.00372	49.999	49.999	49.998	27.96	0.243	0.033174	15785	26.438	77.747
13.6695	3.00264	50.004	49.998	50.008	28.06	0.251	0.021679	15785	25.667	74.376
13.6809	3.00262	50	50	50.007	28.33	0.254	0.027296	15785	23.804	80.781
13.6652	2.99182	49.999	49.998	50	28.43	0.237	0.006172	15785	22.891	67.174
13.6743	3.00057	49.998	50	50.003	28.52	0.245	0.022459	15785	20.514	76.868
13.7008	3.01066	50.004	50	50.003	28.53	0.237	0.014677	15785	18.958	85.99
13.6487	2.99811	50	50.003	50	29.15	0.242	0.047121	15785	17.793	91.662
13.6903	3.00321	50.008	50	50.001	29.13	0.247	0.010655	15785	17.492	91.998
13.7051	3.00995	50.003	50	49.998	28.22	0.24	0.03421	15785	20.313	83.366
13.6366	2.99146	50	49.999	50.001	27.46	0.246	0.014904	15785	22.52	73.492
13.6723	3.00201	50.003	49.997	49.999	27.77	0.239	0.018765	15785	23.463	63.433
13.6746	3.00389	50.001	49.998	49.998	27.37	0.247	0.03544	15785	23.924	56.71
13.6492	2.99261	49.999	50.002	50.002	27.39	0.238	0.044621	15785	25.477	50.798
13.6596	2.99764	50.002	49.997	49.991	27.46	0.243	0.01009	15785	25.918	47.605
13.6609	2.99994	50.003	49.999	50.002	27.53	0.245	0.055071	15785	26.168	41.031
13.6523	3.0054	49.999	49.997	50.001	27.48	0.235	0.023992	15785	26.729	37.495
13.6627	2.99578	49.996	49.996	50.002	27.33	0.237	0.015679	15785	26.618	35.402
13.6406	2.99078	49.997	49.995	50.001	27.77	0.235	0.033559	15785	26.789	35.487
13.6546	2.99757	49.999	49.994	49.998	27.81	0.234	0.021931	15785	26.678	38.695
13.6624	2.99965	50	49.998	50.002	27.85	0.231	0.027613	15785	25.958	41.922
13.6764	3.00093	49.997	50.004	50.007	28.07	0.236	0.018045	15785	25.226	49.895
13.6672	2.99664	50.003	50	49.998	28.42	0.245	0.013364	15785	21.267	61.829

13.6815	3.00166	50	50.006	50.003	29.23	0.249	0.008734	15785	18.607	73.854
13.6709	2.99384	50.002	49.995	49.997	29.67	0.262	0.016494	15785	16.858	81.338
13.6858	3.0018	50	50.002	50.002	29.94	0.251	0.006341	15785	16.175	83.235
13.6727	2.99787	49.994	49.996	50.005	30.61	0.255	0.013571	15785	15.521	85.503
13.6682	2.9968	50.005	50.005	50.001	30.55	0.253	0.007825	15785	15.32	84.048
13.6671	2.99742	50.001	50	49.999	29.96	0.251	0.009853	15785	14.003	87.918
13.709	3.0092	50.004	50.001	50.005	29.33	0.245	0.018608	15785	13.077	91.345
13.6794	3.00081	50	50.003	49.997	28.74	0.257	0.01216	15785	12.12	93.084
13.6541	2.99785	49.997	49.993	49.996	28.47	0.257	0.039042	15785	12.161	93.701
13.693	3.00629	50	49.994	50.002	27.85	0.248	0.015008	15785	11.375	93.968
13.6959	2.99896	50.002	49.999	50.003	28.59	0.246	0.048185	15785	15.823	83.869
13.7159	3.01183	49.999	49.997	49.997	27.68	0.262	0.018523	15785	18.356	77.194
13.6735	3.00273	50.003	49.998	50.002	27.18	0.245	0.013719	15785	22.079	68.41
13.6448	2.99627	50	49.997	50.001	27.41	0.246	0.025909	15785	24.074	57.69
13.6486	2.9973	50.002	50.001	50	27.28	0.24	0.011288	15785	25.046	50.742
13.673	3.00212	50	49.999	49.997	27.53	0.244	0.02416	15785	25.166	47.352
13.6885	3.00596	49.996	50.006	50.001	27.22	0.249	0.02684	15785	26.118	46.214
13.6531	2.99385	49.995	49.999	49.993	27.42	0.236	0.019879	15785	25.908	44.897
13.6642	2.99922	50.003	50	50	27.78	0.243	0.007642	15785	25.577	46.183
13.6574	2.99847	49.995	49.997	49.994	27.84	0.237	0.027805	15785	25.677	50.921
13.6989	3.00122	50.002	49.998	49.999	27.8	0.23	0.020593	15785	25.657	50.821
13.6645	2.99976	50	49.997	50.003	27.84	0.243	0.022878	15785	25.827	48.412
13.6699	2.99977	49.997	50.001	50.003	27.93	0.238	0.016944	15785	25.397	51.142
13.6597	2.99941	49.998	50.003	49.999	28.45	0.238	0.011073	15785	23.042	59.005
13.677	2.99891	50.004	49.999	49.999	28.57	0.248	0.013942	15785	19.018	81.201
13.663	3.00057	50.004	50	50.002	29.35	0.252	0.02633	15785	17.592	86.569
13.687	3.00344	50	50	50	29.81	0.249	0.029251	15785	17.1	87.985
13.6425	2.99258	49.996	50.001	50.002	29.6	0.247	0.019116	15785	16.125	91.604
13.6555	2.99597	49.994	49.999	49.997	29.52	0.265	0.012492	15785	16.125	92.802
13.6665	2.99944	49.997	49.997	50.008	30.35	0.248	0.023592	15785	15.532	91.703
13.6764	3.00668	49.997	50.002	50.009	29.32	0.259	0.02621	15785	14.999	94.719
13.6704	2.99716	50	50.001	49.996	29.91	0.246	0.010075	15785	13.58	93.732
13.689	3.00253	50.005	49.997	49.998	29.91	0.258	0.021565	15785	14.083	95.125
13.6713	3.00741	50.005	50.002	49.999	29.91	0.246	0.023958	15785	13.711	93.635
13.68	2.99902	49.999	49.996	50.001	29.15	0.266	0.026616	15785	15.753	86.303
13.6506	3.0001	49.992	49.999	49.993	27.86	0.261	0.050266	15785	18.476	78.712

13.6723	3.00343	49.999	50.003	50.002	27.25	0.237	0.021899	15785	21.999	71.672
13.6635	3.00167	49.998	50.001	50.003	27.54	0.24	0.016219	15785	25.337	59.967
13.6887	3.00318	50.003	49.998	50.007	27.76	0.227	0.010599	15785	26.428	55.006
13.6863	3.00268	49.998	49.998	50.003	27.84	0.235	0.038567	15785	26.288	51.74
13.6703	3.00101	49.999	50.004	50	27.86	0.233	0.014826	15785	26.929	44.982
13.6693	2.9998	49.999	49.995	49.996	27.84	0.229	0.01647	15785	27.279	42.201
13.669	3.00153	49.997	50.002	49.998	27.85	0.229	0.020737	15785	28.03	42.824
13.6679	3.00375	49.996	50.003	50.003	27.85	0.246	0.013552	15785	27.179	47.858
13.6828	3.00308	50.001	49.996	50	27.85	0.232	0.029006	15785	26.208	46.357
13.6449	2.99664	49.997	50.001	49.998	28.2	0.246	0.021483	15785	24.856	54.847
13.6856	3.00385	49.998	50	49.999	28	0.24	0.040573	15785	23.954	60.179
13.6331	2.99291	50	49.993	49.999	28.53	0.246	0.015596	15785	22.42	69.184
13.6693	3.00343	49.997	50.002	49.996	28.53	0.251	0.033383	15785	21.387	67.916
13.6897	2.9981	50.001	49.998	50.011	28.81	0.262	0.037087	15785	20.544	70.367
13.684	3.00079	50.007	50	50.002	29.04	0.245	0.024236	15785	19.611	74.05
13.6883	3.00215	49.996	49.998	49.997	28.6	0.246	0.009317	15785	18.506	76.353
13.6418	2.99087	49.998	50.002	50.001	29.72	0.248	0.017595	15785	17.482	80.764
13.6541	3.00049	50.001	50.003	50.002	29.97	0.248	0.011498	15785	16.959	85.11
13.6734	2.99705	50.004	49.998	49.997	30.33	0.25	0.021716	15785	16.155	88.112
13.6552	2.99502	49.998	50.003	50	29.67	0.25	0.014191	15785	16.265	89.266
13.6549	3.00091	50.002	50.002	50.003	29.44	0.261	0.015766	15785	16.406	91.585
13.7012	3.00407	49.998	50	50.001	29.43	0.255	0.017515	15785	15.964	93.231
13.6569	2.99941	49.998	49.995	50.005	28.65	0.251	0.019458	15785	17.773	89.519
13.6931	3.00058	49.998	49.999	50.002	27.94	0.244	0.00748	15785	19.54	85.017
13.6863	2.9973	50.001	50.003	49.995	27.38	0.244	0.01601	15785	23.022	74.085
13.7014	3.00339	49.996	50.003	49.995	27.47	0.231	0.034268	15785	24.936	62.417
13.6797	3.00445	50	49.995	49.997	27.65	0.228	0.022394	15785	25.978	56.854
13.6759	2.99963	50.001	50.001	50	27.73	0.233	0.081484	15785	26.989	52.667
13.657	2.99728	50.003	49.998	50.003	27.83	0.246	0.018425	15785	27.619	44.527
13.6549	2.99817	50	49.996	50.002	27.81	0.237	0.059157	15785	27.669	45.268
13.6656	2.99667	50.004	50.006	50	27.8	0.231	0.043813	15785	28.32	44.943
13.6757	2.99998	50.005	50.001	49.997	27.9	0.235	0.048674	15785	28.99	44.348
13.6771	3.00427	50	50.002	49.99	28.07	0.23	0.091926	15785	28.04	44.24
13.6682	3.00039	50	49.998	49.999	27.89	0.245	0.023558	15785	27.079	48.076
13.6567	2.99263	49.998	49.997	49.999	27.88	0.238	0.015395	15785	25.807	53.939
13.6691	3.00045	49.994	49.999	50.002	28.52	0.24	0.019384	15785	22.771	65.584

13.6745	3.00079	50.003	49.998	49.997	28.37	0.245	0.014356	15785	21.949	68.585
13.6716	2.99521	49.999	49.999	50.005	28.53	0.248	0.009382	15785	20.504	76.411
13.6854	2.99721	50.004	50.003	50.001	28.59	0.245	0.030121	15785	19.721	80.428
13.6862	3.00398	49.997	49.999	50.003	28.61	0.257	0.033462	15785	19.189	82.256
13.6859	3.00394	50.002	49.995	49.994	29.11	0.253	0.021867	15785	17.582	87.935
13.6491	2.99977	50.001	50.002	49.994	28.97	0.259	0.009527	15785	17.552	89.723
13.6834	3.00086	49.999	49.995	50	29.22	0.251	0.010584	15785	17.029	90.617
13.6815	3.00189	49.999	50.001	50.007	29.86	0.248	0.033981	15785	16.567	92.012
13.681	3.00411	50.005	49.998	50.003	29.21	0.254	0.007684	15785	15.944	92.862
13.675	3.00037	49.997	49.996	50.002	29.31	0.247	0.008536	15785	15.401	94.564
13.6583	2.99782	50	49.994	49.999	28.65	0.261	0.027407	15785	18.677	84.67
13.6424	2.99923	49.998	49.999	49.999	27.5	0.247	0.006197	15785	20.113	80.538
13.6861	2.99853	49.993	50	50.005	27.42	0.255	0.038335	15785	22.069	66.453
13.6796	3.00396	50.019	50.004	50.001	27.53	0.251	0.048267	15785	23.423	62.444
13.6577	2.99929	49.999	49.996	50.002	27.44	0.232	0.018554	15785	24.635	61.043
13.6812	3.0041	50.002	49.998	50.001	27.65	0.238	0.039713	15785	25.637	56.243
13.6554	2.99507	49.993	50	49.999	27.69	0.232	0.044119	15785	26.358	55.216
13.651	2.99521	49.995	49.997	49.998	27.67	0.236	0.055549	15785	26.919	51.083
13.6605	2.99515	49.999	50.001	49.998	27.63	0.236	0.021354	15785	26.919	54.664
13.6573	2.99587	50.003	49.996	50	27.88	0.231	0.026886	15785	26.829	53.029
13.6627	3.00089	50	49.998	50.003	27.85	0.243	0.029868	15785	26.278	57.273
13.6444	2.99236	49.998	50.001	50.002	27.87	0.231	0.037606	15785	26.498	57.988
13.6681	2.9995	50.001	49.999	50.004	27.88	0.237	0.024576	15785	25.777	58.406
13.6878	3.00498	49.999	49.999	49.998	28.43	0.247	0.010707	15785	23.222	69.699
13.6851	3.00285	50	49.996	50.001	28.53	0.246	0.038959	15785	21.548	78.488
13.6479	2.99409	49.997	50	49.999	28.27	0.259	0.005182	15785	21.467	77.622
13.6746	3.00575	49.998	50.004	50.002	28.37	0.24	0.011092	15785	20.895	79.901
13.6789	2.99863	49.993	49.999	50	28.53	0.258	0.012322	15785	20.645	80.756
13.6795	2.99699	50.006	49.999	50.001	28.52	0.251	0.015514	15785	19.641	83.919
13.6692	2.99932	49.999	50	50.001	28.88	0.258	0.017236	15785	18.818	86.931
13.6805	3.00537	50	49.998	49.998	28.53	0.259	0.032551	15785	18.416	88.469
13.6579	2.9956	50.001	49.997	49.999	28.55	0.258	0.021272	15785	18.265	89.617
13.6492	2.99646	49.999	50.007	50.004	28.76	0.244	0.040175	15785	18.014	90.071
13.658	3.00236	49.998	50.002	50.004	28.78	0.248	0.015444	15785	17.572	91.723
13.6727	2.99746	49.998	50.003	50.005	28.53	0.252	0.029167	15785	19.169	88.89
13.6697	2.99988	49.993	50	49.997	27.93	0.254	0.021602	15785	21.507	83.485

13.6675	3.00115	49.998	50.001	49.996	27.74	0.238	0.040797	15785	23.934	78.93
13.6782	3.0012	49.998	50.001	49.999	27.82	0.238	0.030215	15785	24.545	78.815
13.6618	3.00057	49.999	50.001	50.002	27.89	0.233	0.064673	15785	25.757	73.444
13.6527	3.00279	49.998	49.999	50.005	27.85	0.247	0.071848	15785	25.627	69.446
13.6837	3.003	49.998	50.002	50.003	27.84	0.233	0.053213	15785	26.538	67.43
13.6676	3.00083	50.004	50	50	27.89	0.238	0.012033	15785	26.628	65.263
13.6643	2.9981	50.013	49.999	50.003	27.89	0.231	0.01515	15785	25.978	65.273
13.6534	2.99759	49.997	49.999	49.997	27.97	0.241	0.019075	15785	24.665	73.684
13.6377	2.99027	49.997	49.998	49.994	28.39	0.236	0.040828	15785	23.824	76.35
13.6804	3.00574	50	50	50	28.36	0.248	0.017787	15785	23.613	77.364
13.7072	3.01068	50.002	49.999	49.997	27.91	0.244	0.019761	15785	24.195	74.174
13.6968	3.01046	49.998	50.001	49.995	28.51	0.258	0.014635	15785	21.046	83.939
13.6828	2.99507	49.998	50.001	49.998	28.53	0.251	0.010839	15785	20.364	88.025
13.6779	2.99856	50	50.001	50.004	28.53	0.253	0.00625	15785	19.952	87.903
13.6806	2.99731	49.999	49.998	49.997	28.97	0.253	0.004084	15785	17.713	93.574
13.6779	3.00498	49.996	49.997	50.002	28.53	0.256	0.008742	15785	17.592	94.881
13.7076	3.00793	50	50.002	50	29.17	0.261	0.028068	15785	18.245	94.743
13.6614	2.99476	50.003	50.001	50.008	29	0.26	0.018342	15785	18.496	93.777
13.6246	2.99142	49.999	49.997	50.005	28.74	0.245	0.034642	15785	18.135	94.983
13.6505	2.99317	49.997	50.001	50.001	28.55	0.248	0.013317	15785	18.305	95.137
13.6749	2.99854	50.004	50.001	49.995	29.25	0.248	0.02515	15785	18.165	95.608
13.6651	3.00367	49.995	49.993	50	29	0.262	0.016435	15785	18.607	96.21
13.6615	2.99658	49.999	50.006	50.005	28.77	0.254	0.027388	15785	18.797	95.6
13.6648	2.99309	49.996	49.997	50.005	28.53	0.248	0.034483	15785	19.34	95.299
13.6897	2.99939	49.999	49.995	50.003	28.75	0.257	0.013256	15785	19.551	95.065
13.6789	2.99675	50	50	49.995	28.86	0.247	0.025035	15785	19.601	94.291
13.6286	2.99048	49.997	50.002	50.002	28.7	0.263	0.080377	15785	20.504	93.203
13.6523	2.99653	49.993	50.001	49.995	27.86	0.237	0.089294	15785	23.543	86.86
13.7026	3.00991	49.997	49.999	50.003	27.85	0.242	0.022884	15785	23.202	84.063
13.6739	3.00599	50.002	49.998	49.999	28.37	0.233	0.028812	15785	22.811	82.386
13.6551	2.99716	49.999	49.998	50.001	28.44	0.245	0.054414	15785	23.313	80.991
13.6838	3.00475	49.998	50.002	50.007	27.98	0.246	0.008203	15785	23.583	82.065
13.6732	2.9977	49.997	50.002	50	28.12	0.243	0.026336	15785	24.485	80.611
13.6773	2.99876	50.002	50	50.001	28.11	0.246	0.011474	15785	23.262	86.071
13.6647	3.00273	49.999	49.998	49.997	28.09	0.247	0.04175	15785	23.272	86.299
13.6951	3.00994	50.002	50.002	50.006	28.4	0.243	0.016049	15785	22.37	89.329

13.7079	3.00467	49.999	49.996	50.002	28.46	0.25	0.020207	15785	21.999	91.01
13.661	3.00137	49.998	50.001	49.994	28.46	0.248	0.025442	15785	21.517	92.488
13.6964	3.008	50	50.002	49.999	28.47	0.261	0.016626	15785	21.086	93.857
13.6586	3.00252	50.004	50.002	50.002	28.73	0.242	0.05338	15785	20.434	95.23
13.6531	2.99879	50.014	49.995	50.001	28.53	0.248	0.01207	15785	19.741	95.54
13.6762	2.99623	50.002	50.004	50.002	28.51	0.245	0.00894	15785	20.002	96.276
13.6708	3.0027	49.994	49.996	50.001	28.54	0.245	0.028702	15785	19.812	96.316
13.658	2.99767	50.001	50	50.002	28.56	0.252	0.018757	15785	19.872	96.616
13.6847	3.00149	49.999	49.999	49.999	28.32	0.247	0.023616	15785	20.012	96.875
13.6819	2.99585	50.004	50.006	50.005	28.63	0.244	0.026236	15785	20.333	97.008
13.6541	2.99575	50.001	50.003	50.003	28.41	0.252	0.033033	15785	20.635	96.998
13.6541	3.00055	50.004	50.002	49.999	28.47	0.25	0.021587	15785	20.785	96.151
13.6701	3.00353	49.995	50	49.995	27.86	0.247	0.027179	15785	22.631	88.664
13.6527	2.99566	50.005	49.997	49.998	27.84	0.244	0.030195	15785	23.533	85.858
13.6817	3.00379	50.001	49.999	50	27.84	0.25	0.064629	15785	24.976	81.845
13.684	3.00644	49.996	49.997	50.003	27.5	0.235	0.047866	15785	26.328	72.907
13.6735	2.99826	50.005	50.003	49.997	27.81	0.235	0.03128	15785	26.889	70.248
13.6804	2.99767	49.995	50.006	50.004	28.03	0.236	0.013628	15785	22.3	81.45
13.6436	2.9943	49.996	50.003	49.999	28.63	0.243	0.029169	15785	21.889	89.239
13.6632	2.99674	50.006	50.002	49.999	27.83	0.238	0.062433	15785	26.278	73.516
13.6549	2.99541	50	49.997	49.992	28.01	0.254	0.0408	15785	23.373	80.374
13.6669	3.00329	49.999	49.996	49.999	27.85	0.239	0.017775	15785	24.866	75.354
13.6358	2.99137	50.001	49.998	49.996	28.37	0.242	0.02238	15785	21.628	89.246
13.656	2.99817	49.999	50.002	50.004	28.53	0.243	0.014625	15785	20.815	93.006
13.6715	3.00224	49.992	50.003	50.001	28.52	0.261	0.010832	15785	19.942	94.741
13.6721	3.00325	50	49.994	49.992	28.75	0.263	0.012034	15785	19.791	94.724
13.6326	2.99254	49.999	50.001	50.001	29.16	0.262	0.022727	15785	19.199	95.527
13.6788	2.99974	50.002	49.995	50.004	28.54	0.249	0.014852	15785	19.008	94.476
13.6675	3.00016	49.998	50.001	49.997	29.21	0.254	0.016499	15785	18.446	94.124
13.6724	2.99975	50.001	49.999	50	28.62	0.257	0.006343	15785	18.818	91.806
13.6874	3.00225	50.005	50.002	50	29.21	0.244	0.013576	15785	17.793	92.872
13.6806	3.00469	50	49.997	49.996	29.22	0.253	0.015082	15785	16.507	93.394
13.6761	3.00021	49.995	49.996	49.996	29.97	0.248	0.009856	15785	15.682	93.76
13.6363	2.99672	49.999	50.001	49.996	30.2	0.25	0.010949	15785	15.28	93.119
13.6657	2.9988	49.998	50	50.001	28.53	0.268	0.007155	15785	18.416	84.437
13.6708	3.00352	50	50	50.001	27.55	0.245	0.022973	15785	19.38	83.308

13.6728	3.00313	50.004	50.001	50.006	27.47	0.248	0.043387	15785	21.367	78.662
13.6794	3.00237	50.006	49.999	50.001	27.54	0.245	0.157872	15785	23.433	77.569
13.6601	3.00408	50	50.009	50.004	27.82	0.242	0.040458	15785	24.415	71.559
13.6936	3.01154	49.997	49.995	50.001	27.73	0.239	0.05094	15785	25.988	65.037
13.6647	3.00003	50	49.996	50.005	27.89	0.236	0.056591	15785	26.208	55.824
13.6571	2.99503	50.004	50.001	49.999	27.83	0.25	0.041913	15785	27.239	52.091
13.6952	3.00647	50.001	50.005	50.002	27.84	0.235	0.031042	15785	27.169	53.266
13.6512	2.99133	50.006	49.997	49.999	27.86	0.239	0.020286	15785	26.468	56.519
13.6717	3.0006	50.006	50.003	49.997	27.86	0.236	0.04342	15785	26.949	50.796
13.6379	2.99114	50.001	50	49.999	27.84	0.243	0.054669	15785	26.388	52.169
13.6635	2.99942	50	49.998	50	28.11	0.234	0.008241	15785	25.377	57.914
13.6855	3.00636	49.999	49.992	49.998	28.54	0.24	0.015564	15785	22.53	69.204
13.6747	2.99873	49.995	50.003	50.001	29.17	0.259	0.033314	15785	20.384	76.921
13.6766	2.99987	50.002	50.002	50	28.76	0.255	0.021771	15785	18.818	80.388
13.6662	3.00335	49.998	50.001	50	29.25	0.263	0.024186	15785	17.893	83.524
13.6727	3.00598	49.997	50.002	50.005	29.37	0.251	0.009297	15785	16.828	87.465
13.6549	2.99516	50	50.002	50.004	30.07	0.264	0.010329	15785	15.793	89.449
13.6827	3.00425	49.999	50.002	50.005	29.96	0.252	0.011475	15785	15.17	92.376
13.6495	2.99236	49.998	49.995	50.005	29.91	0.263	0.012748	15785	14.797	93.459
13.672	2.99914	49.998	50.004	49.998	30.59	0.252	0.008331	15785	14.174	94.369
13.6416	2.99282	50	50	50.001	30.61	0.253	0.017831	15785	14.486	95.75
13.6925	3.00289	49.999	50.003	49.998	30.57	0.269	0.019809	15785	14.415	96.159
13.6775	3.00123	50	50	50.002	28.88	0.26	0.022007	15785	16.828	89.474
13.7138	3.01001	50.005	49.997	49.998	27.83	0.255	0.024448	15785	20.123	79.267
13.695	3.0089	49.996	49.997	50.001	27.41	0.247	0.030782	15785	22.3	69.589
13.6588	2.99681	50	49.996	49.997	27.62	0.24	0.034197	15785	23.383	68.269
13.6463	2.99688	49.997	49.999	49.998	27.78	0.244	0.025327	15785	24.956	65.042
13.6822	3.00655	50.001	49.998	49.998	27.84	0.243	0.054211	15785	25.857	57.831
13.6565	2.99916	49.997	49.997	50.003	27.83	0.234	0.116034	15785	26.699	51.955
13.6515	2.99637	49.998	49.999	49.996	27.84	0.235	0.044604	15785	25.337	54.946
13.6325	2.98784	50.001	50.002	50.001	27.82	0.235	0.033035	15785	26.879	49.227
13.6657	2.99929	50.001	49.999	50.003	27.85	0.247	0.062391	15785	27.449	48.81
13.6506	2.99746	49.997	49.997	49.996	27.95	0.232	0.133542	15785	27.199	51.539
13.6785	3.00566	49.997	50.002	50.001	27.93	0.232	0.034223	15785	25.968	50.378
13.682	3.00464	50.005	50.001	49.998	28.1	0.246	0.022365	15785	25.006	55.652
13.6762	3.00085	49.998	49.998	50	28.53	0.256	0.04787	15785	22.641	64.948

13.6589	2.99817	49.997	49.997	50	28.74	0.263	0.018402	15785	18.406	86.251
13.6872	2.99871	50.002	49.995	50.004	29.31	0.262	0.013629	15785	17.662	87.407
13.6717	2.99829	49.995	50.004	49.999	29.9	0.255	0.015141	15785	16.808	90.098
13.6547	2.99413	50.008	50.007	49.999	29.56	0.267	0.028595	15785	16.175	90.955
13.6636	2.99994	49.999	50.005	50	30.24	0.268	0.031767	15785	15.602	91.357
13.6698	3.00277	49.997	49.993	49.994	30.52	0.252	0.012212	15785	15.17	92.129
13.6698	3.00656	49.997	49.998	50.002	30.04	0.252	0.00798	15785	15.511	95.227
13.6902	3.00516	49.999	49.995	49.988	29.91	0.259	0.003068	15785	15.441	95.682
13.6663	3.00144	49.996	50.001	50.002	30.19	0.26	0.003408	15785	14.868	95.724
13.6785	3.00032	49.998	49.999	49.999	30.6	0.26	0.012401	15785	14.546	95.033
13.6516	3.00046	49.999	49.997	50.002	29.08	0.255	0.03513	15785	17.773	87.67
13.6453	2.99135	50	50.005	49.996	27.76	0.266	0.026018	15785	19.681	81.575
13.6483	2.99971	50.002	50	50.002	27.77	0.259	0.01927	15785	22.3	73.833
13.6807	2.99634	50.003	49.999	49.998	27.7	0.243	0.036393	15785	24.405	65.921
13.6672	2.99978	49.998	49.998	50.002	27.52	0.237	0.045821	15785	25.747	60.701
13.694	3.004	50	49.999	49.992	27.73	0.246	0.057692	15785	26.338	53.248
13.6737	2.99393	50.001	50	49.994	27.81	0.238	0.064093	15785	26.178	57.54
13.6596	2.99343	49.996	49.996	49.997	27.65	0.25	0.047469	15785	27.679	52.566
13.6743	3.00002	49.999	49.996	49.995	27.85	0.242	0.031021	15785	27.019	54.551
13.6762	3.00019	50.001	50.002	50.005	27.9	0.241	0.039057	15785	27.059	57.355
13.6587	2.99959	49.996	49.997	50.003	27.86	0.242	0.083598	15785	27.659	57.099
13.6281	2.99298	49.996	49.995	50	28	0.238	0.018903	15785	25.637	62.379
13.6445	2.99717	50	49.999	50	28.13	0.254	0.040461	15785	25.657	64.656
13.6469	2.99788	50.001	49.997	50	28.18	0.253	0.010369	15785	23.643	71.699
13.6696	3.00173	49.997	50.003	49.998	28.57	0.253	0.022194	15785	21.588	79.708
13.6656	3.00185	50.003	50.001	49.995	29.06	0.252	0.014504	15785	20.795	84.531
13.6554	2.99918	50.001	50.004	50.006	29.12	0.263	0.027392	15785	20.313	84.421
13.6885	3.00231	50.002	49.997	49.999	28.65	0.256	0.017901	15785	20.715	83.456
13.6838	3.00191	50.003	49.996	50.004	28.53	0.267	0.022538	15785	20.434	85.072
13.7145	3.00685	49.997	49.999	50.002	28.63	0.252	0.014728	15785	20.444	85
13.6656	2.99716	50.002	49.991	50.003	28.64	0.268	0.016362	15785	19.52	89.023
13.6549	3.00149	49.996	49.998	49.998	28.84	0.247	0.020601	15785	19.741	87.392
13.641	2.99336	49.998	50	50.002	28.76	0.247	0.066144	15785	20.032	86.314
13.6351	2.99408	50.001	49.998	50.004	28.93	0.256	0.025426	15785	20.313	84.92
13.6782	3.00721	50.001	50.005	50.006	28.84	0.265	0.028247	15785	20.424	84.396
13.6728	3.0064	50	50	50.001	28.48	0.256	0.020921	15785	21.096	83.821

13.6345	2.9917	50.004	49.997	50.001	28.02	0.26	0.023242	15785	22.33	81.355
13.671	2.99575	49.999	50.002	50	28.02	0.245	0.017213	15785	22.651	81.162
13.7035	3.00261	50.004	50.001	50.006	27.91	0.252	0.062634	15785	23.353	81.389
13.6532	2.9985	50.007	50.002	50	27.85	0.25	0.024077	15785	26.198	72.713
13.6778	3.00564	49.995	50.003	50.002	27.85	0.232	0.051535	15785	27.299	71.582
13.6538	2.99282	50	50	50.005	27.89	0.233	0.022452	15785	28.23	70.549
13.6626	3.00012	49.999	49.998	49.994	27.94	0.239	0.122544	15785	28.8	66.284
13.6524	2.9945	49.998	49.997	49.999	27.98	0.235	0.053388	15785	29.88	62.203
13.6909	3.00517	49.995	49.998	49.999	27.88	0.231	0.100829	15785	29.92	63.795
13.6644	2.99837	50.004	50.003	50	28.07	0.233	0.043927	15785	28.91	64.656
13.6685	2.99423	49.991	49.991	49.998	28.31	0.233	0.028706	15785	27.559	72.884
13.6885	3.00118	49.999	50.002	50.002	28.52	0.253	0.021261	15785	24.766	82.116
13.6726	3.0032	49.994	50	49.995	28.53	0.247	0.009263	15785	23.353	86.042
13.6796	2.99842	50.006	50	49.994	28.56	0.246	0.029739	15785	22.35	89.206
13.7114	3.00762	50.007	50	49.999	28.58	0.253	0.063653	15785	21.437	71.539
13.6645	2.99315	49.999	49.997	49.995	29.22	0.256	0.014393	15785	18.727	84.904
13.6548	3.00119	49.999	50.004	50.001	29.24	0.257	0.01599	15785	17.492	91.287
13.6463	2.99463	50.002	50.001	50.002	29.27	0.259	0.017764	15785	17.11	93.596
13.6373	2.99624	49.999	49.998	50.001	29.2	0.265	0.011609	15785	16.456	94.713
13.6865	3.00041	49.996	49.998	49.997	28.94	0.263	0.014616	15785	16.848	93.439
13.6517	3.00207	49.995	50	49.994	29.02	0.258	0.016238	15785	16.909	92.915
13.6675	2.99693	50	49.999	50	29.13	0.268	0.006242	15785	16.446	94.688
13.6862	3.0016	49.999	49.999	50.003	28.58	0.248	0.020041	15785	18.617	88.996
13.6799	3.00566	49.999	50	49.999	27.84	0.254	0.037849	15785	21.778	81.518
13.6594	2.99935	49.999	50.003	50.01	27.75	0.243	0.047654	15785	24.255	76.464
13.6684	3.00251	49.995	49.996	50.002	27.61	0.239	0.09	15785	26.568	75.19
13.6699	2.99995	49.993	49.999	50	27.84	0.229	0.113316	15785	28.45	70.097
13.6598	3.00053	49.992	50.002	50.003	27.84	0.242	0.083925	15785	29.7	66.166
13.647	2.99433	49.996	49.998	49.995	28.06	0.231	0.054845	15785	29.31	65.323
13.6731	3.00013	49.994	50.002	49.998	28.06	0.232	0.021083	15785	30.79	57.775
13.6567	2.99623	50.001	50.004	50	28.4	0.237	0.045126	15785	29.45	60.383
13.6727	2.99953	50	49.999	50.001	28.26	0.238	0.096588	15785	28.34	71.174
13.6519	2.9984	49.995	49.995	50.001	27.88	0.232	0.06312	15785	28.76	67.667
13.6727	2.99911	49.996	50.004	50	28.11	0.247	0.027499	15785	27.659	71.679
13.6716	3.0038	49.995	50	50.002	28.19	0.236	0.051935	15785	28.02	71.889
13.6243	2.9901	49.999	49.999	50.002	28.59	0.242	0.038464	15785	25.106	81.664

13.6653	2.9986	49.998	50.003	50.002	28.58	0.248	0.048429	15785	23.343	87.26
13.6594	2.99661	49.997	49.997	50.002	28.53	0.263	0.018617	15785	22.23	91.352
13.668	3.00482	50	49.997	50	28.84	0.254	0.035159	15785	21.929	92.265
13.6597	2.99289	50	49.993	49.997	28.5	0.253	0.015318	15785	21.397	91.333
13.6802	2.9984	50.006	49.998	50	28.57	0.243	0.017017	15785	20.815	94.358
13.6973	3.00647	49.999	49.999	49.999	28.76	0.248	0.006541	15785	20.504	93.661
13.6468	2.99589	50.002	49.997	50	28.75	0.254	0.021002	15785	20.153	95.738
13.6939	3.01163	50.003	50	50	28.62	0.259	0.015555	15785	19.53	95.728
13.6319	2.9936	50.004	49.993	50.001	28.53	0.257	0.017281	15785	19.44	96.368
13.6561	2.99377	49.995	49.992	50.003	29.05	0.255	0.019198	15785	19.199	96.521
13.6431	2.99549	49.998	50.003	50.001	28.52	0.245	0.069855	15785	19.701	96.549
13.6919	3.00847	50.008	49.998	50	27.84	0.259	0.04565	15785	23.272	87.343
13.6691	2.99687	50.002	50.003	50.006	27.83	0.238	0.057476	15785	25.367	78.722
13.6491	2.99846	50	49.99	49.999	27.83	0.235	0.063853	15785	27.399	72.712
13.6739	3.00434	49.999	50.001	49.999	27.76	0.233	0.080395	15785	28.3	67.086
13.6658	2.9975	50.002	49.999	50.001	27.84	0.242	0.258118	15785	30.03	60.038
13.6651	3.00146	49.996	50.001	49.998	27.84	0.241	0.112453	15785	30.06	56.689
13.6865	3.0017	49.998	49.993	50.002	27.77	0.233	0.124928	15785	30.64	52.607
13.6605	3.00017	50.006	50.001	50.002	27.85	0.238	0.138788	15785	30.63	47.284
13.7045	3.00131	50.002	49.996	50.001	27.83	0.239	0.10279	15785	31.159	50.393
13.6838	3.00394	50.003	49.998	50	27.86	0.232	0.067173	15785	30.34	51.497
13.6743	3.0043	50	50.001	50.002	28.11	0.243	0.043897	15785	29.36	55.135
13.6578	3.00097	49.996	49.995	49.997	28.32	0.241	0.019124	15785	28.32	58.476
13.6634	3.00278	50.006	49.998	49.997	28.54	0.238	0.014164	15785	25.327	72.549
13.7007	3.00346	50.001	50.002	49.994	28.52	0.245	0.006171	15785	24.074	80.26
13.6788	3.00624	50	50.002	49.994	28.51	0.266	0.019812	15785	22.46	84.755
13.6788	3.00289	50.002	50.003	50.002	28.72	0.258	0.024945	15785	22.48	85.318
13.6935	3.00633	49.999	49.995	49.997	28.52	0.263	0.047111	15785	21.738	87.278
13.7123	3.00608	50.002	49.995	50.007	28.89	0.268	0.01811	15785	20.745	90.036
13.6742	2.99679	50.003	49.999	50.006	28.94	0.255	0.013413	15785	20.745	89.201
13.6693	3.00153	50.005	50	50.002	29.14	0.25	0.014901	15785	19.982	90.37
13.6681	3.00087	50.002	50	50.001	28.68	0.257	0.016554	15785	19.621	92.517
13.6826	3.00296	49.999	49.996	49.999	28.54	0.245	0.01226	15785	19.289	92.846
13.6848	3.01032	49.999	50.003	50.003	29.21	0.265	0.039363	15785	19.038	93.624
13.6876	3.00826	49.997	49.997	50.001	28.41	0.242	0.025723	15785	20.504	89.408
13.6743	2.99823	49.996	49.993	49.999	27.84	0.241	0.055059	15785	22.561	82.975

13.6773	3.00344	50.005	50	49.998	27.84	0.245	0.040778	15785	24.706	79.438
13.6551	2.9916	50.01	50.003	49.998	27.83	0.241	0.222569	15785	25.988	74.882
13.6728	3.00211	50	50.003	49.997	27.79	0.238	0.057038	15785	28.7	68.919
13.7083	3.00874	49.998	50	49.995	27.82	0.238	0.107723	15785	28.26	66.665
13.6937	3.00355	49.998	50.009	50.002	27.85	0.227	0.13563	15785	29.25	61.246
13.6844	3.00425	49.998	49.998	50.004	27.86	0.248	0.059089	15785	29.63	60.565
13.6668	2.99928	50.004	49.998	49.999	28.08	0.251	0.065645	15785	23.262	79.269
13.6524	2.99752	49.997	49.998	49.996	28.25	0.242	0.082651	15785	23.252	75.283
13.6543	2.99485	50.001	49.998	50.004	28.02	0.255	0.091821	15785	25.257	72.395
13.6742	2.99515	50.002	49.995	49.996	28.15	0.256	0.115608	15785	25.347	73.088
13.6713	3.0046	50.002	50	49.999	28.06	0.245	0.050366	15785	24.385	80.431
13.685	3.00427	49.998	49.999	49.996	28.54	0.26	0.019361	15785	22.38	87.601
13.6552	2.99456	49.998	49.997	50.004	28.47	0.259	0.203601	15785	21.939	87.742
13.6789	3.00626	49.999	49.999	49.997	28.64	0.242	0.009371	15785	21.257	87.508
13.6462	2.99829	50.003	49.992	49.997	28.48	0.255	0.034098	15785	19.781	92.327
13.6955	3.00278	49.998	50.003	49.997	28.57	0.266	0.00771	15785	18.948	93.28
13.671	3.00612	50	50.001	49.998	28.53	0.247	0.042083	15785	18.938	94.523
13.6615	3.00032	49.999	50.003	49.998	29.59	0.265	0.018334	15785	19.38	93.308
13.6421	2.99943	49.996	50.005	50	29.22	0.248	0.020368	15785	19.159	93.653
13.6833	3.006	49.998	49.999	50	29.79	0.269	0.022628	15785	18.797	93.539
13.6657	2.99813	50	50.005	49.997	29.31	0.256	0.014787	15785	18.697	93.83
13.6849	2.9993	50.001	49.995	50.008	29.3	0.265	0.031651	15785	17.612	95.019
13.6833	2.99968	50	50.006	49.999	28.79	0.251	0.035162	15785	17.823	95.734
13.6561	2.99836	50.008	49.999	49.994	28.16	0.26	0.022978	15785	19.169	95.343
13.6695	2.99512	49.999	49.993	50	27.87	0.246	0.028931	15785	20.564	90.679
13.6803	2.99622	50.003	49.998	50.001	27.96	0.245	0.054639	15785	21.738	89.753
13.6515	2.9964	49.999	50.005	50.003	27.9	0.25	0.014003	15785	22.551	87.075
13.6783	2.99445	49.997	50.004	50.001	27.95	0.242	0.129926	15785	23.072	86.352
13.691	2.99943	50.003	50.002	49.999	27.89	0.245	0.056604	15785	24.385	81.903
13.6832	3.00326	50.005	50.003	50.001	27.85	0.238	0.071268	15785	25.507	78.774
13.6868	2.99733	50.01	50.04	50.705	29.62	0.25	0	15785	26.508	76.765
13.6811	3.00746	49.996	50.005	50.001	28.06	0.232	0.027242	15785	27.259	74.952
13.6665	2.99452	50.002	49.999	49.998	28.06	0.238	0.011868	15785	25.757	82.202
13.6844	3.00037	49.994	50.002	49.997	28.31	0.248	0.013185	15785	24.515	83.286
13.6389	2.99761	50.001	49.996	50.002	29.9	0.262	0.008616	15785	20.724	89.67
13.6726	2.99966	50	50	49.999	30.57	0.246	0.005631	15785	19.339	93.877

13.6912	3.00371	50	49.998	50.003	28.74	0.258	0.010634	15785	19.489	93.507
13.6572	2.99452	50.003	50	49.999	28.75	0.247	0.006949	15785	19.791	93.152
13.6906	3.00693	49.992	50	50.003	28.64	0.249	0.013125	15785	19.971	93.244
13.6594	3.00512	49.996	49.995	49.997	28.85	0.252	0.016525	15785	20.032	92.201
13.6803	2.99893	49.998	49.998	50.001	28.53	0.245	0.018358	15785	19.911	92.77
13.6553	3.00154	50.001	50.002	50	28.59	0.242	0.011997	15785	19.751	93.598
13.6805	2.99936	49.999	49.996	50	28.78	0.245	0.013328	15785	20.202	91.989
13.6768	3.00376	50	50.01	49.999	28.6	0.243	0.005123	15785	20.503	91.903
13.7037	3.00473	50.005	50	49.998	28.47	0.252	0.009676	15785	20.614	92.026
13.6563	2.99755	49.999	50.002	49.996	28.41	0.25	0.01075	15785	21.045	89.536
13.6726	3.00363	50.002	49.997	49.994	28.49	0.246	0.011942	15785	21.376	89.808
13.6671	2.9971	50.001	50.001	50.001	28.25	0.258	0.022554	15785	20.273	83.262
13.6669	3.00073	50.002	49.999	50.002	28.56	0.263	0.016704	15785	18.395	81.327
13.6857	3.00613	50	50.005	50	27.66	0.238	0.031547	15785	19.007	75.025
13.6974	3.00708	49.999	49.998	49.998	27.49	0.248	0.023365	15785	19.771	68.162
13.6667	3.00126	49.997	50.001	50.006	27.39	0.247	0.015269	15785	20.363	66.296
13.6786	2.99996	50.002	50.002	50	27.55	0.243	0.016963	15785	21.547	60.675
13.671	3.00223	49.997	50.005	50.005	27.81	0.245	0.018845	15785	21.828	63.957
13.6402	2.99616	49.998	50.007	50.003	27.81	0.256	0.013957	15785	21.477	66.142
13.6944	3.00547	50.002	49.999	50	28.17	0.245	0.005365	15785	20.212	70.884
13.6864	3.00532	49.999	49.995	49.998	28.52	0.251	0.019522	15785	19.59	67.021
13.6791	3.00208	49.999	49.999	50	28.53	0.243	0.012758	15785	18.847	69.989
13.6614	2.99812	50	49.998	50	28.79	0.254	0.005558	15785	17.541	76.01
13.6746	3.00477	50	49.999	49.998	29.41	0.255	0.017845	15785	16.837	76.631
13.6674	3.00065	49.998	49.995	50.002	30.1	0.254	0.011662	15785	16.606	77.732
13.6763	3.00123	49.998	50.001	49.998	29.71	0.267	0.008637	15785	15.711	85.332
13.6883	3.00358	50	49.999	49.994	29.8	0.245	0.009595	15785	15.933	84.848
13.6513	2.9982	50.003	50.004	50.003	29.92	0.256	0.018121	15785	16.043	84.239
13.6871	3.00841	50	50	50	29.9	0.269	0.007895	15785	15.581	85.903
13.6463	2.99702	50.002	49.999	50.003	28.84	0.251	0.008771	15785	14.394	90.341
13.6685	3.0008	49.999	49.995	49.998	28.18	0.263	0.009744	15785	14.052	91.364
13.6821	2.99811	49.999	50.002	50.006	27.84	0.254	0.007216	15785	13.85	91.222
13.6815	3.00418	49.998	50.008	50.001	27.27	0.263	0.008017	15785	13.307	92.265
13.6928	3.01018	49.998	50	50.003	27.07	0.253	0.003082	15785	13.216	92.087
13.6569	2.9966	49.996	50.003	50.005	27.45	0.267	0.011214	15785	13.971	88.415
13.6444	2.99597	49.995	49.995	49.998	28.39	0.265	0.021179	15785	15.188	82.942

13.6661	3.00086	50.003	50.003	50.004	27.98	0.262	0.015685	15785	16.465	73.583
13.6999	3.00464	50.004	49.995	49.994	27.86	0.255	0.01025	15785	17.611	66.105
13.6502	2.9988	50.002	50	49.998	27.55	0.253	0.012906	15785	19.379	59.319
13.6858	3.00716	50.001	49.997	50.003	27.8	0.261	0.009558	15785	20.463	53.828
13.6984	3.00732	50.002	50.001	49.998	27.64	0.246	0.018052	15785	21.527	50.352
13.6833	3.00028	49.999	49.993	49.999	27.81	0.242	0.007865	15785	22.39	44.894
13.6534	3.00011	50.001	50.001	50.003	27.79	0.246	0.014853	15785	22.861	43.761
13.6734	2.9985	50.002	49.999	50.006	27.92	0.254	0.009706	15785	22.751	44.41
13.6944	3.00978	49.997	50.008	49.996	27.84	0.243	0.012221	15785	23.502	42.202
13.6526	2.99889	50.005	50.005	49.999	28	0.246	0.013577	15785	22.72	47.449
13.6605	3.00005	49.998	49.998	49.992	28.39	0.241	0.015083	15785	21.206	55.483
13.6559	2.99814	50.002	50	49.999	29.08	0.25	0.011171	15785	17.28	71.819
13.6752	3.00238	49.997	50.001	50.003	29.87	0.251	0.01241	15785	16.325	75.129
13.6571	3.00058	50.004	50.004	49.998	30.06	0.252	0.023438	15785	14.253	84.654
13.6791	3.00282	49.998	50.001	50	29.71	0.258	0.026039	15785	13.488	90.204
13.6737	3.00338	49.999	49.997	50	29.21	0.252	0.010009	15785	12.824	90.285
13.6833	3.00222	50.002	50	49.996	28.75	0.272	0.021424	15785	12.904	91.249
13.6606	3.00026	49.998	49.997	50	28.49	0.271	0.014001	15785	13.025	91.056
13.6649	3.00061	49.989	49.998	50.007	28.19	0.27	0.008073	15785	13.005	89.742
13.6635	2.99496	50.006	50.003	50.003	27.95	0.262	0.025919	15785	12.965	88.311
13.6655	2.9989	49.998	50.007	50.002	28.17	0.254	0.016938	15785	13.005	87.605
13.6544	2.9982	50	50.003	49.997	28.45	0.264	0.012545	15785	13.257	88.637
13.6942	3.00631	50	50.012	49.998	29.4	0.255	0.013937	15785	13.448	89.898
13.6711	3.00273	49.998	50.004	50.005	28.53	0.256	0.008036	15785	17.079	80.481
13.6991	3.0023	49.994	50	50.001	27.42	0.261	0.029241	15785	20.985	69.681
13.6932	3.00905	50.001	50.004	49.999	27.57	0.255	0.019109	15785	23.031	65.419
13.6545	2.99955	50.001	50.005	50.001	27.68	0.24	0.014153	15785	24.875	59.956
13.6825	2.99892	50.003	50.009	50.001	27.84	0.24	0.026729	15785	25.957	57.413
13.658	2.99661	49.995	49.999	49.995	27.82	0.235	0.010275	15785	26.568	54.365
13.6841	3.00227	49.998	50.004	50	27.81	0.241	0.019405	15785	26.989	52.482
13.6797	3.00447	49.999	50.001	50.003	27.84	0.243	0.004973	15785	27.639	51.215
13.6628	3.00551	49.997	50.003	50	27.89	0.245	0.015966	15785	26.077	50.947
13.7016	3.00652	49.993	50	50.004	27.85	0.245	0.010434	15785	27.659	50.31
13.6681	2.99536	50.001	50.002	49.998	28.01	0.24	0.006818	15785	26.418	52.308
13.6742	3.0001	50.001	50.004	49.996	28.16	0.25	0.021892	15785	25.056	57.59
13.6681	2.99953	50	50.006	50.004	28.63	0.251	0.02432	15785	22.239	67.515

13.6708	3.0025	50.004	50.005	50.001	28.57	0.263	0.030621	15785	20.483	74.046
13.6585	2.99919	49.995	49.999	49.995	28.63	0.25	0.020011	15785	20.062	74.804
13.6687	3.00154	50.006	49.997	50.003	28.57	0.258	0.01482	15785	18.937	79.39
13.6645	2.9997	50	50.001	49.992	29.86	0.27	0.016465	15785	17.671	83.652
13.6644	2.99587	50.004	50.004	49.998	29.2	0.259	0.018291	15785	17.169	84.794
13.6592	2.99624	50.002	50	49.999	29.48	0.257	0.007031	15785	16.757	84.724
13.6404	2.99341	50.002	50.002	49.999	29.22	0.271	0.008853	15785	16.767	82.727
13.7059	3.01231	50	49.997	50.003	30.34	0.247	0.009835	15785	16.274	84.246
13.6254	2.99341	50.001	50.002	49.996	30.6	0.254	0.010926	15785	15.51	87.006
13.6843	3.00722	49.997	50	50.004	30.54	0.256	0.012138	15785	14.364	93.667
13.6602	2.9997	49.998	50	50.008	29.29	0.254	0.007932	15785	15.953	87.468
13.6734	3.00061	49.998	50.002	49.994	27.77	0.255	0.025468	15785	18.616	79.967
13.6748	3.00279	50.008	49.999	49.996	27.39	0.255	0.011095	15785	21.778	69.316
13.7165	3.01164	49.999	50.006	50.003	27.61	0.25	0.020955	15785	24.154	58.134
13.6559	2.99362	50	50.004	49.997	27.52	0.248	0.01552	15785	24.916	51.724
13.6777	2.997	49.999	49.996	50.002	27.63	0.238	0.017241	15785	24.795	53.361
13.6559	2.99401	49.999	50	50.004	27.78	0.257	0.021708	15785	25.196	50.51
13.6604	2.99841	49.999	50.002	50.003	27.76	0.248	0.024117	15785	25.436	53.607
13.6693	3.00408	50.001	49.998	50.007	27.84	0.244	0.009271	15785	26.017	52.286
13.669	2.99831	50.003	49.995	50.001	27.82	0.242	0.010299	15785	26.268	52
13.6603	2.99506	50	50	50.005	27.91	0.248	0.012967	15785	24.565	55.966
13.6518	2.99719	50.005	49.998	49.999	27.88	0.241	0.014406	15785	24.405	56.565
13.665	2.98976	50	50.004	50.001	28.22	0.246	0.016004	15785	22.871	63.006
13.6753	3.0015	50.003	49.998	49.995	28.57	0.246	0.010459	15785	20.624	71.931
13.6638	2.99662	49.995	49.999	50.001	28.56	0.262	0.022386	15785	19.62	78.597
13.6727	3.00234	49.997	50.005	50.005	28.53	0.25	0.014629	15785	19.419	80.318
13.6804	2.99999	50.001	49.996	50	28.72	0.262	0.018419	15785	19.168	83.817
13.6621	3.00054	49.998	49.999	49.994	28.51	0.26	0.013642	15785	19.51	82.839
13.6916	3.00407	50.002	50.005	50.006	28.57	0.263	0.008915	15785	19.981	80.493
13.6482	2.99368	50.001	49.998	49.999	28.54	0.254	0.016836	15785	19.399	83.192
13.6926	3.0044	49.998	49.999	50.006	29.27	0.256	0.036037	15785	19.168	85.182
13.6857	2.99647	49.997	49.997	49.999	29.41	0.256	0.02355	15785	18.485	88.771
13.6884	3.00464	50.001	49.997	49.993	28.93	0.25	0.017442	15785	18.405	89.818
13.6389	2.99688	49.998	49.998	50.002	29.28	0.256	0.019377	15785	17.983	92.483
13.7117	3.00953	50.003	50.003	50.001	29.16	0.248	0.012663	15785	19.259	91.89
13.6733	2.9981	50.002	50.003	50.002	28.53	0.255	0.009378	15785	20.142	91.182

13.6515	2.99785	50.002	49.999	50.003	28.55	0.257	0.010419	15785	20.273	93.55
13.6633	2.99877	49.999	50.001	50	28.1	0.249	0.007716	15785	21.396	80.797
13.6655	2.99908	49.999	50.001	49.997	27.87	0.244	0.024774	15785	20.413	65.873
13.6904	3.00355	50.002	50	49.999	27.63	0.246	0.010793	15785	21.537	58.533
13.6431	2.99295	49.998	50.002	49.996	27.6	0.254	0.020384	15785	22.39	56.827
13.6893	3.00374	49.999	50.004	49.997	27.54	0.238	0.025665	15785	23.152	58.106
13.6711	2.99975	49.998	50.001	50	27.71	0.25	0.009866	15785	23.051	54.409
13.6743	3.0004	49.996	50.005	49.999	27.84	0.24	0.035899	15785	23.262	52.424
13.6448	2.99793	49.999	50.004	50.006	27.84	0.242	0.0138	15785	23.252	53.936
13.6724	3.00725	50.003	49.997	50	27.91	0.249	0.029538	15785	22.189	57.812
13.6899	3.00436	49.999	50.001	50.006	28.53	0.255	0.011355	15785	21.065	64.474
13.703	3.00929	50	49.998	49.996	29	0.266	0.00841	15785	18.525	66.691
13.6593	3.0002	49.999	49.997	49.994	29.27	0.257	0.015882	15785	16.124	76.772
13.6627	3.00447	50	49.999	50.004	29.92	0.261	0.017644	15785	14.756	80.531
13.6726	3.00068	49.997	50.003	50	29.05	0.255	0.01153	15785	14.193	81.303
13.6446	2.99215	50.001	50	49.995	27.97	0.253	0.021776	15785	13.629	83.298
13.6748	3.00254	49.998	49.999	49.999	27.29	0.261	0.014231	15785	12.824	84.992
13.6967	3.00316	50.003	49.995	50	26.51	0.261	0.01581	15785	12.31	85.866
13.6764	3.00711	50	50.004	50	26.12	0.267	0.033839	15785	11.333	89.028
13.6451	2.9988	50.009	49.997	50	25.42	0.271	0.008672	15785	11.213	89.066
13.6466	2.99438	50	50	50.003	25.09	0.257	0.027843	15785	11.404	87.467
13.6646	2.99741	50.002	49.994	49.998	24.78	0.272	0.010703	15785	10.739	89.06
13.6692	3.0003	49.996	49.997	50.002	25.25	0.263	0.020214	15785	11.293	86.885
13.6807	3.00195	49.999	50.001	49.992	28.53	0.262	0.043266	15785	13.287	82.018
13.6607	2.99813	50.004	49.996	49.998	27.84	0.263	0.028274	15785	15.47	74.321
13.6553	3.00247	49.999	49.995	50	27.61	0.251	0.02094	15785	18.214	62.891
13.6658	2.99842	49.999	50.002	49.998	27.41	0.244	0.013684	15785	19.941	55.854
13.6477	2.99382	50.002	50.002	49.999	27.84	0.26	0.043936	15785	20.855	47.478
13.6787	3.00301	49.996	50	50	27.81	0.24	0.03254	15785	21.697	45.403
13.6698	2.99738	49.993	49.999	49.999	27.78	0.25	0.014176	15785	21.978	44.451
13.6798	3.00086	49.996	50.007	50	27.84	0.246	0.015749	15785	22.379	45.32
13.6792	3.00311	49.994	50.007	50.002	27.92	0.24	0.029744	15785	21.998	45.636
13.6685	2.99801	50.002	50.005	49.998	27.9	0.243	0.022029	15785	21.798	46.914
13.6782	3.0053	50.001	50.004	50.003	28.19	0.257	0.014396	15785	20.985	51.833
13.6572	2.9955	50.006	50.001	50.003	28.69	0.251	0.006272	15785	19.449	53.47
13.6645	2.99906	50.002	50.001	49.996	28.63	0.268	0.006968	15785	18.114	58.885

13.6557	3.00074	49.997	49.998	50.002	29.39	0.258	0.025353	15785	16.616	64.619
13.6803	2.99867	50.005	49.996	49.996	29.23	0.257	0.028166	15785	15.611	71.691
13.6795	2.99545	50.003	50.001	50	29.6	0.269	0.010827	15785	14.977	77.055
13.6456	2.99445	49.997	50.002	49.999	29.27	0.257	0.007076	15785	14.816	77.048
13.6811	2.99982	50	49.999	49.996	29.94	0.26	0.007861	15785	14.716	74.542
13.6685	2.99933	49.999	50.004	50.012	29.92	0.257	0.005137	15785	14.233	78.952
13.6824	3.00539	49.991	50.003	49.997	29.48	0.267	0.028037	15785	13.287	83.414
13.6823	3.00499	49.999	50.004	49.999	28.3	0.251	0.031148	15785	11.615	86.963
13.6614	2.99184	50.001	50.01	50	26.47	0.259	0.011973	15785	11.072	87.754
13.6644	3.00432	49.996	49.998	49.999	25.78	0.265	0.025628	15785	10.356	89.974
13.6664	2.99842	49.998	50	49.997	25.91	0.27	0.009852	15785	11.394	86.77
13.6542	3.00024	50	50	49.997	27.95	0.262	0.021087	15785	14.193	79.804
13.675	3.00295	50	49.999	50.005	27.83	0.252	0.023426	15785	16.465	70.844
13.6771	2.99966	49.998	50.006	50.001	27.6	0.247	0.010206	15785	17.832	67.872
13.6926	3.00683	50.001	49.995	49.996	27.85	0.251	0.019275	15785	18.495	61.411
13.6718	3.00814	49.999	50	50.003	27.88	0.246	0.014275	15785	18.556	64.63
13.6647	2.99916	49.996	50.003	49.999	27.8	0.246	0.015859	15785	19.951	59.441
13.6765	3.00508	50.002	49.998	50.003	27.82	0.238	0.019968	15785	21.557	57.287
13.6828	3.00582	50.003	50	49.999	27.82	0.257	0.022183	15785	22.42	57.383
13.6337	2.99181	49.997	50.002	50	27.89	0.246	0.008527	15785	21.818	57.417
13.6718	3.00251	49.995	50	50.004	27.89	0.249	0.031029	15785	21.748	58.93
13.6366	2.98938	49.999	49.999	49.994	28.34	0.243	0.011928	15785	21.095	62.747
13.6596	2.99773	49.997	50.004	50	28.55	0.253	0.007795	15785	20.202	69.453
13.6475	2.99569	49.999	49.999	50	28.55	0.253	0.005773	15785	18.957	77.698
13.6575	2.99483	50.001	49.998	50.002	28.58	0.269	0.006413	15785	18.475	79.473
13.6749	2.99969	50	50.001	50.003	28.53	0.246	0.008075	15785	17.802	84.35
13.6797	3.00424	50.003	50.003	50.002	29.15	0.256	0.008971	15785	18.013	77.686
13.6791	3.00512	50.001	49.993	50.002	28.91	0.251	0.005862	15785	17.3	79.583
13.6989	3.00397	50.003	49.992	49.995	29.33	0.26	0.031997	15785	16.546	83.273
13.6511	2.99634	49.997	49.992	50.001	29.31	0.254	0.02091	15785	15.51	85.043
13.6887	3.01092	50.001	50.003	49.998	29.9	0.27	0.008038	15785	14.032	83.803
13.6704	2.9984	49.994	49.999	50.002	28.76	0.26	0.015181	15785	12.24	87.81
13.6401	2.98937	49.999	49.997	50.002	27.84	0.272	0.019113	15785	11.394	91.967
13.693	3.0036	50.002	50.001	49.999	28	0.256	0.012491	15785	11.958	92.596
13.6614	2.99371	49.997	50.003	50.001	28.91	0.263	0.013876	15785	12.763	92.453
13.671	2.99683	50.003	49.998	49.997	29.98	0.272	0.015416	15785	13.881	88.072

13.6638	2.99305	50.002	49.997	49.991	29.24	0.263	0.049494	15785	15.068	84.964
13.6868	3.00268	49.999	50.005	50.004	29.2	0.261	0.006583	15785	16.104	76.794
13.6763	3.00262	49.999	49.997	50.001	28.77	0.263	0.007314	15785	16.727	74.01
13.656	2.99167	49.997	50	50	28.64	0.25	0.013813	15785	17.471	69.262
13.6772	3.0054	49.995	50.003	50	28.36	0.266	0.009027	15785	18.093	65.617
13.694	3.00686	50.005	50.001	49.998	27.9	0.257	0.011365	15785	18.606	66.251
13.6583	2.99731	49.997	50	50.002	28.24	0.261	0.012626	15785	19.108	63.215
13.6767	3.00464	50.004	50.001	49.999	27.92	0.241	0.014027	15785	19.469	63.507
13.6562	2.99722	50	49.998	50.007	28.02	0.265	0.006111	15785	19.409	64.34
13.6697	3.00292	49.994	50	49.993	28.34	0.24	0.011541	15785	19.71	63.839
13.6727	3.00177	49.989	49.995	50.002	28.54	0.251	0.014531	15785	17.872	72.15
13.6866	2.99902	50.003	49.999	49.997	29.53	0.265	0.016143	15785	14.997	82.677
13.6428	2.99071	50.004	50.006	49.998	29.97	0.265	0.010549	15785	13.448	87.641
13.6951	3.00914	50.009	49.999	50.005	29.24	0.252	0.006894	15785	13.065	88.705
13.6577	3.00347	50.002	49.997	49.995	28.63	0.255	0.01302	15785	12.008	92.168
13.6423	2.9918	50.004	49.999	49.998	27.85	0.263	0.014465	15785	10.81	94.083
13.6726	2.99816	50.001	49.997	50.003	27.19	0.261	0.00556	15785	10.407	94.972
13.6783	3.00318	50.001	50.001	50	26.87	0.26	0.007001	15785	9.893	94.955
13.6603	2.99545	49.998	49.99	49.991	26.45	0.261	0.007777	15785	9.207	95.185
13.6701	2.99944	50.002	50	49.999	25.86	0.261	0.016647	15785	8.36	95.612
13.6941	3.0031	49.998	50.001	49.995	25.42	0.279	0.02096	15785	9.157	95.956
13.6803	3.00137	50.001	50	50.003	25.08	0.261	0.039585	15785	7.644	95.781
13.6459	2.99215	50.004	50.004	50.003	25.11	0.266	0.010144	15785	8.481	96.218
13.6798	2.99833	50	50.003	50.005	28.12	0.269	0.007513	15785	12.3	91.894
13.6713	2.99631	49.999	49.997	49.999	27.72	0.267	0.024122	15785	16.626	78.9
13.67	3.00159	50.001	49.994	50.001	27.8	0.262	0.015764	15785	18.696	69.205
13.6938	3.00623	50.007	50.001	49.999	27.79	0.252	0.033741	15785	19.811	65.596
13.6852	2.99918	50.004	49.991	50.002	27.79	0.239	0.02205	15785	20.985	61.394
13.6423	2.99564	49.999	50.001	49.998	27.72	0.246	0.027762	15785	22.329	57.463
13.6654	2.99904	50.001	50	49.999	27.82	0.244	0.018142	15785	23.111	55.726
13.6541	2.99636	49.996	50.001	49.998	27.87	0.238	0.013437	15785	23.021	54.717
13.6597	2.99512	49.995	49.999	49.997	27.84	0.247	0.025377	15785	23.923	53.935
13.6782	2.99995	50.001	49.999	50	28.04	0.239	0.028192	15785	23.563	55.604
13.6623	2.99702	50.006	49.999	49.997	28.39	0.255	0.018423	15785	22.369	61.256
13.6428	2.99003	49.994	49.999	50.002	28.42	0.245	0.023196	15785	20.544	69.066
13.6595	2.99898	50.006	50.001	50.006	29.28	0.258	0.015159	15785	18.184	77.148

13.6873	3.00664	50	50	49.999	29.22	0.253	0.019086	15785	16.968	81.065
13.671	2.99847	50.007	49.998	49.998	30.62	0.26	0.036045	15785	15.892	84.743
13.6581	3.00055	50	50	49.998	29.89	0.256	0.023555	15785	14.887	87.897
13.6582	2.99929	50.001	50	49.997	29.96	0.263	0.044487	15785	14.474	90.156
13.6946	3.00169	50.007	49.995	49.998	29.91	0.259	0.017101	15785	14.394	89.471
13.6678	2.99745	50.002	50	50	29.91	0.271	0.011176	15785	14.857	88.521
13.6692	2.99836	50.002	49.999	49.998	29.88	0.258	0.02392	15785	14.716	89.436
13.6506	3.00409	50	49.996	49.995	29.94	0.259	0.026574	15785	14.816	89.691
13.6725	3.0037	50.002	49.995	50.001	30.36	0.25	0.017366	15785	14.615	90.716
13.6618	3.00261	49.999	50.002	50	29.61	0.273	0.019293	15785	14.555	91.852
13.6756	2.99591	50.002	49.999	49.996	29.76	0.263	0.012608	15785	14.555	93.277
13.644	2.99707	50	49.996	49.995	29.25	0.255	0.040478	15785	15.4	92.518
13.7002	3.00093	50.001	50.003	49.999	28.66	0.25	0.026452	15785	17.028	86.557
13.6644	3.00137	50.005	49.996	50.003	28.68	0.266	0.017287	15785	18.656	82.397
13.6946	2.99915	49.999	49.998	49.999	27.93	0.247	0.037	15785	20.644	75.941
13.6641	2.99771	49.996	50.003	50.004	27.94	0.243	0.027404	15785	21.848	73.956
13.6479	2.99536	50	49.997	49.996	28.13	0.253	0.017908	15785	22.109	72.573
13.6563	2.99771	49.997	50.002	49.997	27.94	0.248	0.038331	15785	22.39	72.321
13.6981	3.00642	50.004	50.003	49.998	28.12	0.253	0.014735	15785	22.239	75.506
13.6762	3.00207	49.997	49.998	50	28.07	0.243	0.018552	15785	21.908	76.923
13.7155	3.01049	50.001	50.003	50.003	28.25	0.247	0.02061	15785	21.487	79.354
13.6807	3.00341	49.999	50.002	50.004	28.53	0.248	0.015265	15785	21.286	77.73
13.6432	2.99324	49.99	50.005	50.003	28.56	0.259	0.009975	15785	20.212	84.203
13.681	3.0041	50.002	49.999	49.999	28.53	0.267	0.01256	15785	20.042	83.512
13.6796	2.99978	49.996	50.001	50.002	28.7	0.253	0.045701	15785	19.801	84.085
13.6451	2.99826	49.998	50.007	50.005	29.01	0.252	0.006079	15785	19.56	82.85
13.6963	3.00433	49.998	50.003	50	28.53	0.252	0.01148	15785	19.479	80.642
13.6917	3.003	49.996	50.001	49.99	28.73	0.266	0.041774	15785	18.917	82.228
13.6778	3.00432	50.003	50.007	50.001	28.58	0.252	0.003269	15785	18.063	86.173
13.6648	2.99881	50.003	49.999	50.001	29.26	0.268	0.010494	15785	17.671	88.355
13.6861	2.99953	50.004	49.998	50	29.17	0.265	0.013213	15785	17.842	87.183
13.6444	2.9964	50.003	49.997	49.998	29.09	0.268	0.008634	15785	17.46	89.323
13.6879	3.00269	50	50	50	29.22	0.258	0.016307	15785	17.139	90.966
13.6586	2.99838	50	50.002	49.998	30.03	0.266	0.010657	15785	17.018	92.576
13.6648	3.00109	50.001	50.002	49.999	29.35	0.253	0.011839	15785	17.179	91.272
13.7076	3.00405	50.004	49.994	49.994	28.86	0.258	0.043078	15785	18.093	89.549

13.659	2.99721	49.997	49.998	49.996	28.49	0.258	0.01656	15785	19.55	85.242
13.6672	2.99907	49.995	50	50.001	28.28	0.261	0.031274	15785	21.015	81.59
13.6672	2.99907	50.006	50	49.997	28.09	0.253	0.023163	15785	21.005	81.384
13.6967	3.00726	49.998	49.997	50.001	28.02	0.256	0.025732	15785	21.738	82.137
13.6597	2.99676	50.002	49.996	50.003	28.2	0.257	0.028587	15785	22.189	80.707
13.6683	2.99768	50.005	49.999	50	27.92	0.25	0.012454	15785	22.971	77.488
13.7016	3.00572	50.002	50.001	49.998	27.87	0.246	0.039986	15785	24.395	73.786
13.6553	2.99557	49.999	50.002	50.002	28.06	0.245	0.009042	15785	23.693	76.364
13.6797	3.00207	50.005	50.003	50.002	28.53	0.246	0.019353	15785	21.587	86.975
13.6729	3.00135	49.995	50.003	49.999	28.18	0.257	0.041424	15785	21.226	88.691
13.6743	3.00203	50.001	50.004	50.001	28.36	0.246	0.015924	15785	20.784	91.319
13.7078	3.00516	50.001	50.003	49.997	28.53	0.25	0.020049	15785	20.062	92.347
13.6744	2.99992	49.998	50.001	49.999	28.54	0.265	0.022273	15785	19.881	92.852
13.6636	2.99892	50.002	50.003	50	28.68	0.25	0.014556	15785	19.65	93.711
13.6638	2.99762	49.997	50	50	28.46	0.259	0.01617	15785	19.6	94.012
13.6903	2.99889	49.999	49.998	49.999	28.52	0.248	0.011976	15785	19.349	94.488
13.6685	3.00234	50.002	50.001	50	28.54	0.269	0.022618	15785	19.118	94.428
13.6689	2.99915	50	49.999	50.005	28.58	0.269	0.014781	15785	18.576	95.311
13.6604	3.00083	49.994	49.998	49.994	28.53	0.247	0.027915	15785	18.385	95.834
13.6703	3.00063	50.001	50.001	50.004	28.82	0.247	0.018243	15785	17.903	96.295
13.6815	3.00516	49.997	49.994	49.992	28.98	0.249	0.020266	15785	17.772	96.63
13.6792	2.99477	49.996	49.995	49.996	28.53	0.252	0.007791	15785	17.762	96.757
13.6796	2.99697	50	50.003	50.003	28.74	0.268	0.025013	15785	17.571	96.749
13.6802	3.00391	50	50.002	49.989	28.75	0.257	0.016346	15785	17.531	96.434
13.6654	3.00027	50.002	50.003	50	28.53	0.26	0.030871	15785	18.023	95.031
13.6658	3.00008	50.001	50.002	50.002	27.84	0.25	0.013449	15785	20.293	84.619
13.6948	3.00753	49.999	49.998	50.002	27.83	0.251	0.014941	15785	22.319	77.141
13.6732	2.99808	50.003	50	50.003	27.85	0.242	0.03198	15785	23.332	74.794
13.6702	2.99539	50.001	50	49.994	27.86	0.239	0.020899	15785	23.192	74.547
13.6875	3.00048	50	50	50	27.94	0.246	0.044733	15785	23.452	75.747
13.6793	2.99772	50.004	49.994	49.997	27.86	0.237	0.017196	15785	25.176	70.045
13.6534	3.00011	50.002	49.996	50.004	27.86	0.24	0.032476	15785	25.206	64.933
13.6331	2.99565	50.001	50.001	50.002	28.21	0.245	0.012484	15785	25.056	64.848
13.6699	2.99849	50.002	50.004	50	28.26	0.237	0.023577	15785	24.896	67.198
13.6622	2.99942	50.001	50.001	49.997	28.51	0.258	0.026193	15785	22.169	79.762
13.6765	3	50.002	50.003	50.003	28.63	0.25	0.029099	15785	19.269	89.41

13.6745	3.00155	49.999	49.998	49.998	29.41	0.257	0.019016	15785	18.013	92.417
13.6648	2.99677	50.004	50.001	49.999	29.33	0.255	0.014084	15785	17.651	95.065
13.6721	2.99716	50.007	50	49.997	29.12	0.271	0.005414	15785	16.476	95.279
13.6697	2.99702	50	49.999	50	29.26	0.259	0.010225	15785	15.661	95.477
13.6626	2.99276	49.997	50.003	50.002	29.22	0.254	0.010023	15785	15.52	96.105
13.6626	3.00216	49.996	50.001	50	29.22	0.269	0.011135	15785	15.299	96.152
13.6784	2.99921	50.004	50.002	50.002	29.28	0.261	0.060774	15785	15.299	96.391
13.6254	2.98974	49.995	49.997	49.999	29.25	0.258	0.039715	15785	15.239	96.2
13.658	2.99879	49.994	50.001	50.006	29.24	0.269	0.015267	15785	14.816	96.32
13.6542	2.99997	49.997	49.998	49.998	30.56	0.271	0.016961	15785	14.736	96.53
13.6753	3.00399	50.002	49.995	49.991	29.91	0.26	0.028264	15785	15.068	96.56
13.6682	3.00211	50	49.995	49.998	28.53	0.259	0.012313	15785	17.249	92.838
13.6597	2.99945	49.996	49.997	49.999	27.82	0.25	0.023255	15785	21.507	83.816
13.693	3.00751	50.004	50.003	50.005	27.53	0.245	0.025835	15785	24.725	78.491
13.6965	3.00984	49.995	49.995	50.001	27.8	0.239	0.028701	15785	27.079	71.877
13.6693	3.00094	49.997	49.999	49.997	27.78	0.23	0.031886	15785	28.83	63.737
13.6515	2.99435	49.998	49.993	49.998	27.81	0.237	0.068248	15785	29.36	61.631
13.6576	2.9933	49.99	49.988	50.002	27.94	0.231	0.0446	15785	31.459	53.63
13.687	3.00529	49.998	50	50.002	28.05	0.232	0.029146	15785	31.569	51.239
13.6622	3.00233	49.992	50	50.004	27.86	0.24	0.019047	15785	31.18	52.329
13.6764	2.99844	49.999	50.005	50.001	27.82	0.237	0.035972	15785	30.66	56.875
13.6526	3.00191	49.999	49.997	50.004	27.84	0.236	0.015672	15785	30.02	58.73
13.6454	2.9985	49.997	49.995	50	27.93	0.242	0.029597	15785	27.699	68.211
13.6637	2.99638	50.002	49.995	49.997	28.51	0.261	0.055897	15785	24.835	78.299
13.6706	2.9946	49.998	50.004	50.002	28.53	0.253	0.036529	15785	24.374	81.463
13.6634	2.99896	50.003	49.998	49.997	28.25	0.26	0.027054	15785	23.713	83.186
13.7102	3.01032	49.999	50.004	50.003	28.46	0.246	0.0104	15785	23.272	84.39
13.66	2.99793	50.003	50.003	49.999	28.53	0.256	0.013094	15785	22.791	86.738
13.6941	3.00391	49.997	50.001	50.001	28.36	0.263	0.014547	15785	22.049	89.348
13.6598	2.99797	50.005	50	50.004	28.24	0.26	0.016161	15785	22.299	89.239
13.6929	3.00201	50.002	50.003	49.998	28.51	0.255	0.017954	15785	22.259	89.302
13.6393	2.99166	50.002	50.005	50.005	28.53	0.263	0.022605	15785	21.908	91.127
13.6619	2.99743	50.003	50.002	49.997	28.44	0.25	0.025113	15785	21.557	91.84
13.6961	3.00367	50.003	49.997	49.998	28.48	0.245	0.016411	15785	20.985	93.159
13.6738	2.99993	50.003	50.003	50.001	28.6	0.262	0.030994	15785	20.955	94.274
13.678	3.00333	50.003	50.003	50.061	28.57	0.265	0	15785	23.352	86.121

13.6839	3.00151	49.994	49.994	49.997	27.93	0.248	0.017105	15785	25.276	81.29
13.7216	3.0105	50.001	50.004	50	27.89	0.253	0.019002	15785	27.189	75.63
13.6496	2.99808	49.999	50.003	50.001	27.84	0.233	0.035888	15785	29.76	63.494
13.6636	3.00089	50	50	50.001	28.02	0.231	0.013796	15785	31.899	58.853
13.6492	2.99461	49.999	50.003	50.006	28.13	0.231	0.026054	15785	31.819	53.679
13.6686	2.99913	50.003	50	50.002	28.29	0.232	0.043417	15785	31.389	63.268
13.706	3.01254	50.003	50.001	49.996	28	0.237	0.048234	15785	31.499	61.101
13.6537	2.99198	50.002	50.001	50.002	28.5	0.249	0.031521	15785	32.049	63.435
13.6885	3.00626	50.003	50.003	50.007	28.38	0.227	0.05953	15785	31.729	51.718
13.651	2.99392	49.996	49.998	50.005	28.35	0.229	0.034326	15785	31.16	54.619
13.6811	2.99675	50.001	49.998	50.002	28.53	0.238	0.022432	15785	28.77	62.454
13.6805	3.00151	50.003	49.997	49.998	28.51	0.239	0.02492	15785	26.538	79.483
13.6945	3.00035	50.002	50	49.999	28.53	0.254	0.016285	15785	25.517	80.999
13.6587	2.9935	49.997	50.003	50.001	28.57	0.249	0.030757	15785	24.134	83.715
13.6572	2.99386	49.998	50.004	49.996	28.51	0.26	0.020099	15785	23.031	84.917
13.6892	3.00419	50.005	50.006	50.001	28.75	0.256	0.014886	15785	22.61	84.897
13.6633	3.00124	50.006	49.999	49.993	28.59	0.254	0.014592	15785	22.069	85.95
13.6517	2.99268	49.996	49.998	49.992	28.55	0.257	0.031233	15785	21.497	87.786
13.657	2.99957	49.999	50.003	49.998	28.74	0.247	0.020411	15785	21.075	90.116
13.6679	2.99755	50.005	49.997	50.007	29.11	0.258	0.022675	15785	20.232	92.668
13.6964	3.00678	50	49.998	50.005	29.18	0.253	0.025191	15785	20.052	92.803
13.6591	2.99932	50	49.999	50.003	28.74	0.249	0.027985	15785	19.479	94.41
13.6479	2.99212	50.001	50.003	50.002	28.62	0.257	0.018288	15785	19.801	94.719
13.6762	3.0007	49.995	49.999	50.002	28.06	0.251	0.020317	15785	22.209	88.515
13.6761	3.00048	49.994	50.003	49.998	27.85	0.256	0.038371	15785	25.477	79.45
13.6721	2.99727	49.995	49.998	49.996	27.84	0.243	0.025075	15785	27.319	73.112
13.6726	2.99635	49.999	50.001	50	27.85	0.253	0.027857	15785	29.42	62.647
13.677	3.00205	50.003	50.001	50	28.3	0.235	0.030948	15785	30.5	59.675
13.6762	3.00149	50.001	49.999	50.004	28.14	0.236	0.034381	15785	31.609	53.359
13.6605	2.99949	50.001	50.006	49.997	28.5	0.236	0.013216	15785	31.519	51.919
13.6709	3.00391	50.003	49.998	49.999	28.27	0.237	0.042433	15785	31.12	53.326
13.671	2.99814	50.005	50.006	50.005	27.9	0.245	0.016312	15785	31.339	56.083
13.6888	3.00531	49.995	49.998	50.006	28	0.236	0.01066	15785	30.84	54.927
13.6069	2.98631	50	50.003	50	28.01	0.247	0.020132	15785	28.81	60.193
13.68	2.99727	50.002	50.007	50.002	27.99	0.239	0.022365	15785	28.65	62.161
13.6663	3.00009	50.005	49.999	49.996	28.41	0.257	0.014616	15785	25.326	73.854

13.6493	2.99933	50.003	50.005	50	28.44	0.252	0.046925	15785	24.244	78.686
13.671	2.99965	50.005	49.999	50.005	28.63	0.263	0.030665	15785	23.873	80.228
13.6787	3.0056	50.001	50.002	49.995	28.36	0.259	0.011788	15785	23.833	80.509
13.6573	2.99431	50.004	49.999	50.003	28.59	0.253	0.022263	15785	22.931	84.566
13.6546	2.99771	50	49.999	50.004	28.56	0.251	0.008558	15785	22.079	86.72
13.6323	2.98869	50.002	50	50.003	28.55	0.249	0.018318	15785	21.607	86.24
13.6522	2.99609	49.995	50.01	49.998	28.68	0.254	0.006213	15785	20.845	88.213
13.6663	3.00187	50.005	49.993	49.994	28.59	0.247	0.038433	15785	20.483	89.065
13.6698	2.99737	50.001	50.001	50.001	28.55	0.258	0.025116	15785	20.313	89.071
13.6566	2.9957	50.001	50.005	49.999	28.6	0.253	0.016413	15785	19.54	90.751
13.6849	3.00467	49.996	50.002	50.005	28.53	0.27	0.010726	15785	20.082	89.587
13.6968	3.00599	49.999	50.001	50.002	27.89	0.262	0.034437	15785	22.69	82.524
13.6821	3.00705	49.999	49.993	50.001	27.82	0.242	0.022504	15785	25.336	74.606
13.6641	2.9931	49.996	50.004	50.003	27.81	0.238	0.025001	15785	28.24	67.307
13.661	2.99813	49.998	49.995	50.001	27.84	0.233	0.027774	15785	29.84	62.532
13.6677	3.00179	50	49.998	50.005	27.84	0.24	0.010677	15785	31.06	56.234
13.6876	2.99792	49.999	49.999	49.998	28.29	0.233	0.006977	15785	31.709	53.015
13.6888	2.99782	49.999	50	50.006	28.56	0.232	0.022401	15785	32.408	50.461
13.6541	2.9919	49.998	50.004	50.006	28.57	0.227	0.024886	15785	32.608	49.925
13.6587	2.99787	49.997	50.002	50.001	28.53	0.23	0.009567	15785	32.538	48.124
13.6918	3.0054	50	50.001	49.999	28	0.245	0.052215	15785	32.418	48.609
13.6488	2.99424	50.008	49.996	49.999	28.06	0.242	0.020072	15785	31.17	53.106
13.6875	3.00642	50.004	49.99	49.995	28.17	0.255	0.022299	15785	28.75	64.146
13.6475	2.99428	50.004	50	50.003	28.32	0.24	0.014572	15785	26.368	70.03
13.6284	2.9951	50.001	50.004	50.007	28.53	0.245	0.009523	15785	24.515	79.54
13.6708	3.00537	50	50	49.998	28.35	0.251	0.010579	15785	24.304	80.582
13.6855	3.0004	50.002	50.003	50.004	28.54	0.243	0.011753	15785	22.851	86.354
13.6775	3.00042	49.996	50.005	50.002	28.55	0.25	0.013057	15785	21.898	86.994
13.6858	3.00615	49.998	50	50.004	28.55	0.251	0.014505	15785	21.707	89.793
13.6547	3.00132	50.003	49.999	49.996	28.52	0.262	0.016115	15785	21.166	90.28
13.6678	3.00191	50.002	49.999	50.002	28.53	0.262	0.017903	15785	20.503	91.342
13.7071	3.01295	50	49.998	49.993	28.53	0.266	0.011699	15785	20.022	93.371
13.6632	2.99781	49.999	50	50.001	28.56	0.269	0.012997	15785	19.67	93.42
13.6978	3.00938	49.996	50.002	49.993	28.69	0.266	0.014439	15785	19.339	94.934
13.6625	2.9966	50.002	49.999	49.997	28.65	0.258	0.030906	15785	19.69	94.622
13.6685	2.99973	50.004	49.997	49.997	27.89	0.251	0.010483	15785	21.677	88.412

13.6312	2.99789	50.001	49.995	49.999	27.84	0.244	0.022437	15785	24.054	80.897
13.639	2.98557	50.001	49.997	49.999	27.84	0.247	0.014663	15785	27.059	70.473
13.6621	2.99772	49.996	49.999	50.002	27.86	0.244	0.027692	15785	28.53	65.996
13.6914	3.00558	49.997	50.002	50.002	28.44	0.233	0.059272	15785	31.909	57.403
13.6502	2.99613	49.998	49.992	50.005	28.53	0.242	0.020104	15785	32.099	53.231
13.6442	2.99145	50.002	50.001	50.001	29.9	0.23	0.013138	15785	31.559	52.64
13.6693	2.9983	49.994	50.003	49.999	29.91	0.225	0.042181	15785	33.477	48.939
13.6694	2.99885	50.001	50.007	50.005	29.94	0.232	0.027565	15785	33.587	50.446
13.6879	3.00729	49.999	49.992	49.997	29.17	0.242	0.018014	15785	32.269	53.35
13.6671	3.00277	49.997	49.999	50.01	28.76	0.228	0.034021	15785	32.359	53.46
13.6822	2.99676	49.997	49.998	50	28.5	0.252	0.022233	15785	29.25	65.16
13.6566	3.00003	50.002	49.997	49.996	28.53	0.247	0.024699	15785	26.939	73.912
13.6847	3.00066	50.007	49.997	49.998	28.3	0.261	0.046647	15785	25.346	82.431
13.695	3.00026	50.002	50	50	28.52	0.254	0.017931	15785	23.913	85.673
13.6642	2.9947	49.999	50.002	49.999	28.53	0.248	0.011718	15785	22.891	87.428
13.665	2.99658	50.005	50	50.003	28.51	0.252	0.022131	15785	22.249	86.587
13.6695	2.99667	49.996	49.997	49.994	28.54	0.254	0.008507	15785	21.677	85.884
13.653	2.99835	49.999	50.006	50.003	28.6	0.266	0.027314	15785	21.707	84.567
13.6713	2.99935	49.997	50.002	50.004	28.56	0.252	0.0105	15785	20.965	90.705
13.6382	2.99	50.002	50.001	49.998	28.52	0.25	0.01983	15785	20.915	89.672
13.659	2.99563	50.003	50.004	49.999	28.89	0.244	0.02203	15785	20.594	92.829
13.6933	3.00855	49.999	49.999	50	28.54	0.268	0.021594	15785	20.925	90.269
13.6806	3.00488	49.998	50.001	50.001	28.68	0.255	0.027189	15785	21.336	87.869
13.7069	3.00743	49.998	50.001	49.995	28.46	0.266	0.010452	15785	22.57	83.012
13.6791	2.9997	49.999	50.005	50.002	28.33	0.25	0.011611	15785	23.091	83.611
13.6817	3.00199	50	50.002	50	28.21	0.245	0.021929	15785	23.863	81.12
13.6709	2.99653	49.994	50.002	50.001	28.12	0.263	0.041415	15785	24.585	78.917
13.6543	3.00001	50	50.001	50.008	28.32	0.245	0.009365	15785	25.296	76.683
13.6575	2.994	50.001	50.001	50.004	28.4	0.247	0.030067	15785	24.885	80.202
13.6849	2.99716	50.004	50	50.001	28.05	0.258	0.033403	15785	26.408	72.121
13.672	2.99906	50.002	49.998	49.998	28.23	0.256	0.01284	15785	26.438	73.087
13.6657	2.99901	50.002	49.997	50	28.03	0.243	0.02425	15785	26.748	72.751
13.6544	2.99541	50	50	49.999	28.48	0.245	0.045799	15785	25.587	78.453
13.6439	3.00105	50.003	50.003	50.003	28.39	0.252	0.029929	15785	25.086	78.592
13.7027	3.00828	50.008	50.002	49.999	28.59	0.256	0.011505	15785	24.254	81.411
13.6687	2.99602	49.999	49.999	50.001	28.54	0.245	0.012782	15785	22.931	86.671

13.6863	3.00236	50.002	50.01	50.006	28.74	0.257	0.024139	15785	22.179	87.187
13.6529	2.99268	49.994	50.002	49.995	28.53	0.264	0.015775	15785	22.319	84.68
13.6718	3.00384	50.002	50	49.998	28.57	0.252	0.010309	15785	22.169	86.097
13.6555	2.99716	49.996	49.994	49.996	28.53	0.266	0.011452	15785	21.417	89.605
13.6446	3.00001	49.997	49.994	49.998	28.55	0.251	0.021629	15785	21.707	90.414
13.6919	3.00518	49.999	49.999	50.001	28.74	0.262	0.014135	15785	21.527	90.754
13.6959	3.00464	50.002	49.997	49.995	28.53	0.248	0.026695	15785	21.677	91.941
13.6824	3.0021	50	50.003	49.995	28.89	0.261	0.029656	15785	21.988	90.029
13.6602	2.99515	50	50	49.999	28.63	0.253	0.02907	15785	21.788	88.171
13.6841	3.00081	49.998	50.004	50.005	28.75	0.266	0.012665	15785	21.176	88.558
13.7062	3.0086	50.006	49.998	49.998	28.56	0.254	0.01407	15785	21.266	87.804
13.6537	2.99728	49.995	50.004	50.001	27.96	0.245	0.045173	15785	23.182	82.632
13.6813	3.00788	49.999	50.003	50.002	27.98	0.256	0.02952	15785	25.296	76.109
13.6548	2.99885	49.994	50.002	49.997	27.84	0.24	0.055752	15785	28.9	66.057
13.6616	2.99899	50.001	50	50.002	27.98	0.242	0.036434	15785	30.71	56.755
13.6566	3.00449	50.005	50.002	50.001	28.15	0.238	0.040476	15785	31.679	52.398
13.6281	2.98718	49.997	49.996	50.003	28.55	0.238	0.029978	15785	32.189	47.248
13.6651	3.0034	50	49.998	49.999	28.51	0.249	0.056616	15785	33.098	46.617
13.6428	2.99532	50.003	49.996	49.996	28.53	0.243	0.021764	15785	33.577	43.688
13.6532	2.99459	49.998	49.994	49.994	28.54	0.244	0.024178	15785	33.527	42.069
13.6756	2.99738	49.994	50.001	49.993	28.53	0.232	0.009294	15785	33.657	41.704
13.6826	2.99885	50.003	50.003	50.003	28.08	0.23	0.050729	15785	32.408	44.781
13.6611	3.00002	49.999	49.998	50	28	0.253	0.022101	15785	29.27	54.518
13.6982	3.00194	50	49.999	50.002	28.26	0.258	0.024553	15785	27.019	61.72
13.6712	2.99701	49.997	50.011	50.003	28.53	0.26	0.04637	15785	25.346	66.75
13.6499	2.99444	49.999	49.996	49.997	28.27	0.247	0.017825	15785	25.186	65.784
13.6658	2.99399	49.998	49.996	49.997	28.47	0.248	0.038153	15785	23.633	72.468
13.6865	3.00966	49.998	50.003	49.996	28.45	0.247	0.008627	15785	23.422	72.878
13.6596	2.99752	49.999	50.002	49.999	28.48	0.248	0.010862	15785	23.132	74.176
13.6376	2.99303	50.001	49.995	50.004	28.41	0.254	0.034875	15785	22.249	78.194
13.6568	2.99654	49.998	50.005	50.005	28.46	0.252	0.013406	15785	22.42	77.883
13.674	2.99961	49.996	49.997	50	28.53	0.253	0.025319	15785	22.49	79.145
13.705	3.00742	49.999	50	49.998	28.53	0.265	0.018752	15785	22.51	80.776
13.6603	2.99664	50.001	50.001	50.001	28.31	0.266	0.020832	15785	22.43	82.106
13.6642	3.00179	49.999	50.001	50.007	28.53	0.246	0.023144	15785	22.5	83.401
13.6762	3.01056	49.996	50.006	50.002	28.45	0.252	0.017141	15785	23.843	79.242

13.639	2.98969	49.995	50	49.997	27.98	0.245	0.032372	15785	25.497	75.792
13.6639	2.99602	49.998	50.002	50.001	27.84	0.244	0.012444	15785	27.099	68.923
13.6747	3.00159	50	49.999	50	28.35	0.253	0.023502	15785	25.076	79.842
13.6757	3.00084	49.997	50.001	49.999	27.93	0.236	0.029591	15785	28.57	66.921
13.7003	3.00726	50.002	49.996	49.991	28.14	0.233	0.019337	15785	29.3	60.732
13.6518	2.99414	50.002	50.007	50.001	28.53	0.236	0.021483	15785	31.12	56.177
13.7026	3.00321	50.005	50.002	50.001	28.24	0.237	0.027048	15785	28.25	68.804
13.6657	3.00127	50	50.002	50.008	27.99	0.251	0.010398	15785	28.14	69.599
13.6543	2.99784	50.007	49.997	50.002	27.95	0.241	0.109339	15785	29.57	55.705
13.6772	3.0082	49.999	50.001	50.005	28.04	0.242	0.024724	15785	26.218	73.129
13.6566	2.99139	50.003	50.002	50	28.42	0.242	0.027467	15785	25.396	77.82
13.6778	2.99838	50.004	49.994	49.995	28.48	0.243	0.020343	15785	23.944	85.705
13.6763	3.0032	50.001	50.006	50.003	28.55	0.261	0.0226	15785	23.312	87.206
13.6936	3.00627	49.999	49.997	49.994	28.55	0.259	0.025107	15785	22.329	89.75
13.6465	2.99516	50.002	49.99	49.997	28.53	0.259	0.027892	15785	22.119	92.169
13.6645	2.99825	50	49.999	49.995	28.52	0.265	0.020658	15785	22.199	90.128
13.6608	2.99698	50.004	49.995	50	28.34	0.245	0.007941	15785	21.687	91.167
13.6548	2.99443	50.003	49.998	49.998	28.45	0.254	0.008822	15785	22.359	90.096
13.6739	2.99666	49.998	50.001	49.999	28.47	0.247	0.028324	15785	22.209	90.011
13.6448	2.99088	50.003	50.004	50	28.48	0.266	0.007259	15785	22.379	88.706
13.6684	2.99941	50.003	50.001	50.006	28.45	0.256	0.023305	15785	22.47	87.698
13.6746	3.00012	50.003	49.998	50.002	28.27	0.263	0.044014	15785	22.54	87.518
13.6629	2.9968	50.001	50.003	50.004	28.25	0.254	0.048897	15785	22.73	87.44
13.6917	3.0116	49.999	50.002	49.998	28.18	0.258	0.031954	15785	23.623	85.279
13.6793	3.0031	50.002	50.004	50	27.86	0.251	0.023666	15785	24.916	80.739
13.6628	3.00029	49.996	49.994	49.998	27.84	0.256	0.044696	15785	27.589	70.224
13.6575	3.0012	50.004	49.999	49.999	27.84	0.248	0.017181	15785	27.539	69.782
13.6658	3.00743	49.998	50.004	49.999	28.59	0.251	0.021633	15785	21.236	93.523
13.6523	2.99424	49.999	49.992	49.995	28.54	0.259	0.069454	15785	22.038	94.874
13.6856	3.00917	50	50.001	50.004	28.45	0.264	0.026699	15785	22.239	93.573
13.6378	2.99069	49.991	50	49.999	28.21	0.256	0.08572	15785	22.52	93.436
13.7098	3.0058	50	49.999	50.006	28.45	0.261	0.019383	15785	23.101	92.181
13.6365	2.98879	49.999	50.003	50.002	28.23	0.249	0.036607	15785	22.941	91.122
13.6517	2.99449	50	49.999	50.003	28.53	0.245	0.023923	15785	22.7	91.466
13.6694	3.00084	49.996	50.002	50.002	28.54	0.246	0.015633	15785	22.289	92.773
13.6712	3.00558	50	50	50.001	28.5	0.256	0.017368	15785	22.239	90.401

13.6685	3.00698	50.002	50.004	50.001	28.52	0.255	0.012863	15785	20.875	91.341
13.6973	3.00567	50	49.997	50	28.53	0.268	0.01429	15785	20.142	92.183
13.6894	3.00414	49.997	50.002	49.995	28.58	0.264	0.015875	15785	19.61	93.105
13.68	3.00183	50.004	50.004	50.004	29.22	0.257	0.03398	15785	18.797	94.66
13.6776	2.99539	49.995	49.997	49.999	28.62	0.253	0.022206	15785	18.535	95.609
13.6701	2.99799	50.001	49.996	49.999	28.91	0.259	0.041938	15785	18.154	95.772
13.6426	2.99526	49.993	50.002	49.997	28.77	0.271	0.009483	15785	18.053	95.789
13.6799	3.00386	50.007	50	49.999	28.7	0.268	0.020298	15785	17.712	96.135
13.6793	3.00124	49.993	50.001	50	28.86	0.253	0.02255	15785	17.501	95.991
13.6989	3.00691	49.999	49.997	49.999	29.19	0.248	0.008668	15785	17.601	95.36
13.6902	3.009	49.998	50.001	50.006	29.02	0.263	0.010914	15785	17.923	91.017
13.6877	3.00507	50.001	49.998	50	28.88	0.255	0.020612	15785	18.093	90.228
13.6575	2.99634	50.001	49.993	50.001	28.53	0.254	0.015266	15785	18.957	86.456
13.6552	2.99648	50.003	49.999	50.007	27.99	0.263	0.049013	15785	20.684	75.305
13.7224	3.01323	50.003	49.998	49.999	27.84	0.248	0.036301	15785	21.667	72.517
13.6984	3.00598	50	50.002	50.004	27.9	0.263	0.045705	15785	22.64	70.18
13.6639	2.99913	50.007	50.007	50.007	27.87	0.253	0.011713	15785	23.593	62.14
13.6715	2.9988	49.997	50.002	50.001	27.82	0.242	0.037606	15785	25.006	55.342
13.6809	3.00348	50.003	50.002	50.003	27.84	0.237	0.071023	15785	26.118	46.057
13.6984	3.00267	50.001	50.001	49.998	27.91	0.237	0.030942	15785	25.937	41.019
13.6515	2.99897	49.999	49.998	50.007	28.07	0.245	0.038958	15785	25.777	42.251
13.6893	3.00241	49.999	50.004	50.002	28.26	0.254	0.014976	15785	25.076	45.935
13.6619	2.99766	49.998	50.002	49.999	28.75	0.251	0.032054	15785	21.928	55.465
13.6624	2.99905	50.001	49.994	49.999	28.68	0.256	0.035611	15785	19.61	72.015
13.6569	2.99815	50.003	50	50.004	29.96	0.259	0.026374	15785	17.752	81.11
13.6502	2.99657	50	49.996	50	30.55	0.256	0.049811	15785	16.787	82.48
13.6595	3.00023	49.999	49.994	50.003	29.74	0.269	0.006625	15785	15.822	83.455
13.6912	3.00089	50.003	50.003	49.999	29.94	0.26	0.021272	15785	15.581	83.474
13.6939	3.00414	50.004	49.995	50.006	29.92	0.256	0.008177	15785	14.092	90.561
13.6625	3.00155	49.999	50	50.001	29.43	0.26	0.015443	15785	13.468	92.816
13.6649	3.00807	49.993	50.003	50.001	29.22	0.259	0.011438	15785	13.307	91.888
13.674	3.00012	50.002	49.999	49.999	28.62	0.263	0.007475	15785	11.958	93.553
13.6403	2.99712	50	50.004	50.001	28.58	0.265	0.023998	15785	12.401	95.173
13.6623	3.00106	50.001	49.997	49.997	29.01	0.257	0.02666	15785	12.693	95.422
13.6629	3.00218	50.002	49.998	50.002	29.91	0.271	0.019745	15785	13.438	95.286
13.6669	3.00063	49.997	50	49.996	27.97	0.264	0.021936	15785	17.39	83.663

13.655	2.99935	50.001	50.004	50.003	28.56	0.271	0.02437	15785	18.606	80.402
13.6603	2.9963	50	50.002	50.002	28.04	0.25	0.052161	15785	21.136	76.472
13.6593	3.00069	49.997	50.002	49.999	27.83	0.252	0.065674	15785	21.848	70.793
13.6944	3.00271	49.999	49.998	50.006	27.83	0.243	0.07296	15785	22.62	67.178
13.6668	3.00029	50	49.997	50	27.86	0.254	0.054036	15785	19.399	64.775
13.6862	3.00356	50.003	50.001	49.996	29.19	0.262	0.020772	15785	14.716	91.736
13.6601	2.99679	50.001	50	50.006	28.69	0.27	0.026153	15785	17.28	87.361
13.664	3.00063	49.998	49.996	50	28.93	0.258	0.010054	15785	16.807	89.071
13.6898	2.99801	49.999	49.999	49.998	28.91	0.263	0.021519	15785	17.3	88.056
13.6512	2.99733	49.997	49.991	49.998	28.83	0.262	0.023906	15785	17.561	87.308
13.6652	3.00213	50	50	50.002	29.86	0.269	0.017706	15785	16.767	90.593
13.6492	2.99796	50	50	50	29.94	0.262	0.011571	15785	15.299	92.939
13.6837	3.01138	49.997	50.002	49.999	30.23	0.255	0.007561	15785	14.877	94.503
13.6765	2.9968	49.997	49.995	49.999	29.93	0.265	0.024277	15785	13.73	95.212
13.6688	2.99895	50.002	49.998	50	29.41	0.258	0.015865	15785	12.955	95.579
13.6965	3.01179	50	50	49.996	29.22	0.265	0.019975	15785	12.864	96.062
13.6542	2.99287	49.998	50.006	50	29.82	0.266	0.011518	15785	13.589	96.112
13.6533	2.99239	50.001	50.005	50	30.15	0.273	0.014501	15785	14.132	96.24
13.6511	2.99574	50.006	50	50.007	30.6	0.255	0.01611	15785	15.53	94.414
13.6448	2.99636	49.996	49.997	49.996	30.32	0.265	0.030426	15785	15.45	95.092
13.6521	2.99485	50	49.997	50.003	30.18	0.274	0.019883	15785	15.339	95.712
13.655	2.99822	49.994	50.001	50.001	30.6	0.258	0.008662	15785	15.329	94.251
13.6779	3.00226	50.001	50.005	50.002	30.49	0.258	0.01636	15785	14.796	93.074
13.6743	2.99831	49.998	50	50	30.53	0.27	0.018175	15785	14.655	93.126
13.6843	2.99983	50	50	49.999	29.15	0.271	0.020191	15785	16.154	90.532
13.6832	3.00375	49.998	49.997	49.998	29.04	0.257	0.025422	15785	15.641	88.899
13.6675	3.00005	49.998	50.001	50.001	28.72	0.25	0.048012	15785	17.189	84.234
13.7053	3.01143	50.003	49.998	49.998	28.49	0.254	0.035559	15785	18.676	76.665
13.6527	2.9953	49.999	50.001	49.998	27.84	0.25	0.039504	15785	20.212	65.057
13.6663	3.00473	50.002	50.001	50.001	28.11	0.26	0.029258	15785	21.095	58.224
13.6288	2.99235	50.002	50.003	49.999	28.28	0.263	0.055256	15785	20.875	54.569
13.662	2.99594	49.998	49.995	50.001	27.95	0.247	0.03611	15785	21.517	52.377
13.6622	2.99527	49.994	49.994	50	29.2	0.261	0.026744	15785	17.802	60.325
13.7127	3.01164	50.002	49.996	49.998	29.2	0.262	0.010281	15785	17.511	63.935
13.6597	2.9988	49.996	50.001	50.003	30.46	0.258	0.022005	15785	15.299	69.39
13.6795	2.99936	49.998	50.002	50.006	29.91	0.262	0.024446	15785	13.871	79.734

13.6477	2.99241	50	49.999	49.999	29.22	0.259	0.009397	15785	12.159	86.745
13.6682	2.99854	50.003	49.999	49.998	28.59	0.269	0.017748	15785	13.317	82.983
13.6616	3.00284	50.002	50.001	49.997	28.39	0.269	0.019717	15785	12.028	87.061
13.6636	2.99583	50.003	49.996	50.002	27.85	0.268	0.012885	15785	11.615	89.619
13.6602	3.00277	50.006	49.999	49.995	27.8	0.258	0.016223	15785	11.817	87.337
13.6644	2.99984	49.998	50	49.997	27.23	0.268	0.010602	15785	10.346	91.672
13.6772	3.00543	50.004	49.999	50.002	26.3	0.265	0.007852	15785	10.034	90.292
13.6433	2.99238	50.004	49.998	49.995	26.11	0.271	0.014829	15785	10.266	89.257
13.696	3.00554	50	49.999	50	26.13	0.276	0.009691	15785	10.266	88.172
13.6392	2.98944	49.998	49.993	50.003	25.68	0.272	0.020742	15785	9.278	91.219
13.6961	3.00593	50.007	50.003	50.003	25.12	0.271	0.007973	15785	9.812	90.746
13.6807	3.0071	49.997	49.998	50	26.03	0.271	0.005905	15785	11.293	85.835
13.6462	2.99581	49.998	50.006	49.998	27.85	0.275	0.01896	15785	12.945	79.834
13.696	3.00281	49.997	50.003	49.996	27.85	0.258	0.021063	15785	16.204	62.907
13.651	2.99708	50.001	49.999	49.999	27.84	0.254	0.0156	15785	16.697	51.039
13.6811	2.99925	49.998	50.001	50.001	27.88	0.268	0.029462	15785	17.812	50.682
13.6527	2.9981	50.002	49.997	49.999	27.87	0.251	0.021821	15785	18.164	47.691
13.6823	3.00162	50	50.003	50	28.1	0.254	0.027474	15785	18.716	41.51
13.6864	3.00249	50.003	49.996	49.999	28.28	0.262	0.034591	15785	18.897	42.191
13.6846	3.00585	50.001	49.999	50.001	28.34	0.265	0.038429	15785	19.238	38.261
13.6564	2.99579	49.998	50.002	49.999	28.15	0.256	0.016742	15785	18.777	38.651
13.6594	2.99544	50.002	50.001	50.007	28.53	0.26	0.035835	15785	16.767	46.172
13.666	2.99511	49.999	49.996	50.001	30.12	0.258	0.023418	15785	14.112	59.74
13.6592	2.99838	50.001	50.003	50.001	28.88	0.268	0.015303	15785	11.877	71.165
13.6329	2.98657	50.001	50.005	49.998	27.18	0.266	0.006667	15785	10.457	79.168
13.6823	3.00188	50.007	50.003	50.006	25.87	0.279	0.007407	15785	8.935	84.736
13.6643	2.99555	49.996	50.003	49.993	25.03	0.272	0.009326	15785	8.39	90.4
13.6536	2.9968	50.001	50.002	50.002	24.35	0.265	0.01036	15785	7.513	92.074
13.6696	3.00082	49.999	49.999	50.002	23.72	0.273	0.007673	15785	6.575	93.008
13.708	3.00749	49.996	49.999	49.999	23.03	0.265	0.005014	15785	6.373	93.377
13.6787	3.00256	50	49.996	49.996	22.46	0.273	0.00947	15785	5.999	93.458
13.6862	3.00517	50.007	50.003	50.005	23.75	0.268	0.017885	15785	5.222	93.968
13.6606	2.99896	50	50.004	50.001	23.81	0.284	0.022519	15785	4.899	94.45
13.6791	3.00197	50.008	49.997	49.999	23.74	0.272	0.028353	15785	4.818	94.853
13.6798	3.00049	49.999	50.001	50.002	23.74	0.274	0.020999	15785	5.737	94.436
13.7123	3.00748	49.997	50.008	50	27.68	0.281	0.013723	15785	10.165	83.822

13.6937	3.00086	49.99	49.999	50.005	27.84	0.26	0.017278	15785	13.73	71.466
13.6538	2.99872	50.004	49.998	50	27.85	0.249	0.019195	15785	17.41	55.913
13.6996	2.99992	49.996	50.003	50	27.82	0.263	0.041084	15785	19.158	46.269
13.6613	2.99781	50.003	49.993	49.997	27.84	0.251	0.017899	15785	20.804	42.469
13.6442	2.99201	49.996	50.005	50.002	28.08	0.259	0.057467	15785	21.045	39.086
13.6562	2.99838	49.997	50.002	50.006	27.93	0.246	0.025036	15785	21.487	36.481
13.6848	3.00399	50.003	49.996	49.996	28.02	0.259	0.018543	15785	21.728	39.865
13.6687	3.00307	50.004	49.998	50.002	28.38	0.255	0.067471	15785	22.851	38.83
13.6668	2.99986	49.998	49.997	50	28.46	0.252	0.017291	15785	21.728	39.089
13.6679	2.99765	49.995	49.999	49.998	28.57	0.254	0.02177	15785	21.406	40.77
13.6368	2.99342	50.002	50.002	50.012	29.29	0.253	0.014227	15785	17.953	51.425
13.673	3.00418	49.996	49.998	49.998	30.45	0.272	0.017913	15785	15.802	60.215
13.7042	3.01028	49.996	50.001	50.001	29.85	0.265	0.0199	15785	14.625	64.765
13.6585	2.99452	49.995	50	49.998	28.86	0.262	0.014738	15785	13.629	68.724
13.6509	2.99151	50.002	50	49.997	27.86	0.275	0.027835	15785	12.492	73.491
13.6716	2.99836	49.998	50.005	50.001	27.11	0.257	0.030923	15785	12.018	74.838
13.6619	3.00055	50.003	49.997	50	26.47	0.265	0.004662	15785	11.152	77.838
13.6962	3.00233	50.004	50.003	50.004	25.92	0.268	0.008804	15785	11.384	75.744
13.6722	2.99933	50	49.998	49.998	25.86	0.262	0.018844	15785	11.958	73.359
13.6666	3.00159	50	50.001	50.001	25.82	0.284	0.020935	15785	10.961	78.478
13.6725	2.99887	50.006	50	49.999	25.72	0.268	0.015505	15785	11.434	78.101
13.7111	3.00893	50.004	49.994	49.997	25.57	0.271	0.010132	15785	11.414	79.775
13.6861	3.00624	49.998	50	50.021	25.89	0.273	0.006621	15785	12.26	78.53
13.6465	2.99289	50.002	50.004	50.001	28.07	0.275	0.008337	15785	13.589	77.025
13.6422	2.99607	50.003	49.999	50.007	29.63	0.272	0.022284	15785	16.013	71.958
13.6699	2.99853	49.997	50.006	50.002	27.85	0.263	0.042086	15785	19.51	62.576
13.6754	3.00027	49.995	49.995	49.997	27.83	0.251	0.010785	15785	22.69	52.094
13.6672	2.99994	50.004	50	49.996	27.81	0.245	0.020369	15785	25.216	45.72
13.6774	3.00333	49.999	49.99	49.996	27.84	0.245	0.038469	15785	27.139	40.296
13.7008	3.00465	49.999	49.995	50.003	27.81	0.245	0.042737	15785	27.949	40.484
13.6792	3.00302	50	50.005	50.004	27.84	0.247	0.016429	15785	28.34	38.429
13.673	3.0001	49.999	49.999	49.998	27.85	0.247	0.035164	15785	28.85	37.961
13.6994	3.00505	50.002	50.003	49.999	28.02	0.258	0.039065	15785	27.909	39.452
13.6779	3.00651	50.002	50.002	50.008	28.1	0.257	0.025529	15785	26.558	42.168
13.6727	2.99661	49.995	50	50	28.53	0.249	0.016683	15785	24.364	49.371
13.6602	3.00837	49.999	49.998	50.005	28.84	0.259	0.035709	15785	22.72	54.581

13.656	3.00349	49.996	50.003	50	28.76	0.253	0.013727	15785	21.055	61.406
13.6462	2.99645	49.998	49.995	50.002	28.77	0.257	0.005277	15785	19.861	66.324
13.7042	3.00119	49.999	50.003	49.997	28.89	0.266	0.009966	15785	19.028	70.356
13.6572	2.99908	50.002	50.005	50.007	29.91	0.262	0.011071	15785	18.576	72.312
13.677	3.00381	49.999	49.992	49.994	29.36	0.259	0.023697	15785	18.234	73.173
13.6513	3.0023	49.997	49.996	49.992	29.37	0.26	0.026326	15785	17.802	74.999
13.6876	3.00739	49.999	49.998	50.002	30.51	0.261	0.017204	15785	17.259	76.853
13.6662	2.99702	50.002	50	50.003	30.6	0.269	0.021661	15785	16.596	78.507
13.6508	3.00048	50	49.996	50.001	30.6	0.26	0.008327	15785	16.315	78.215
13.6893	3.00321	49.998	49.999	49.999	30.38	0.256	0.00925	15785	15.862	78.171
13.63	2.99012	50.004	50.002	50.001	30.04	0.275	0.01747	15785	15.38	79.808
13.6989	3.00246	49.995	50.002	50.006	28.77	0.266	0.019408	15785	17.752	71.416
13.6659	2.99936	49.999	49.996	50	27.87	0.259	0.012683	15785	20.222	64.478
13.6607	2.99265	49.998	49.991	49.999	27.85	0.266	0.027148	15785	22.761	55.458
13.6556	2.99302	50.002	50.004	50	27.83	0.252	0.017741	15785	25.477	49.189
13.653	2.99096	49.995	50	50.001	27.75	0.244	0.013139	15785	27.029	43.432
13.7004	3.00291	50	50.001	50.003	27.82	0.251	0.014597	15785	27.119	40.259
13.655	2.99217	50.004	49.997	50.005	27.83	0.243	0.027568	15785	28.029	37.256
13.6589	3.00249	50	50	50.003	27.88	0.243	0.020418	15785	28.56	33.24
13.6959	3.00033	49.998	50.001	50.006	27.86	0.248	0.022683	15785	28.52	31.391
13.6731	2.99961	49.993	50.005	50	28.15	0.254	0.025199	15785	28.22	32.785
13.6941	3.00373	49.995	50.002	50	28.48	0.242	0.010978	15785	26.478	32.706
13.657	2.99446	50.004	49.993	50.003	28.55	0.253	0.020734	15785	23.382	41.486
13.6933	3.00746	50.002	49.999	49.997	28.76	0.261	0.044379	15785	21.246	47.946
13.6804	3.00167	49.995	50	50.005	29.49	0.261	0.010035	15785	20.022	53.05
13.666	3.0039	50.001	50	49.993	29.24	0.275	0.011148	15785	17.872	63.096
13.6511	2.99916	49.996	49.998	49.998	29.92	0.265	0.021055	15785	17.521	62.775
13.6652	2.99701	49.999	50.002	49.997	30.6	0.261	0.013759	15785	16.717	66.063
13.6576	2.98927	49.998	49.999	49.997	30.72	0.261	0.008992	15785	16.345	68.667
13.6878	3.00652	49.996	50.006	50.006	30.64	0.269	0.009989	15785	15.842	72.385
13.6706	3.00356	49.999	50.003	50.006	30.26	0.261	0.011097	15785	16.254	70.832
13.6865	3.00358	49.997	50.002	49.999	29.9	0.266	0.023753	15785	15.48	73.898
13.6995	3.00788	50.002	50.001	50.002	29.22	0.262	0.015523	15785	15.269	74.575
13.6379	2.99603	50.003	50.004	50.005	28.99	0.27	0.017245	15785	13.83	79.876
13.6814	3.00144	50.004	50.006	50.007	28.75	0.276	0.019158	15785	13.72	82.189
13.6559	3.00072	49.998	50.001	49.997	28.53	0.253	0.021283	15785	16.847	73.873

13.6977	3.00936	49.998	49.998	50.001	27.99	0.268	0.023645	15785	19.941	63.468
13.6508	2.99657	49.997	50	49.997	27.88	0.261	0.017512	15785	23.031	57.444
13.6888	3.00917	49.998	49.996	49.999	27.84	0.259	0.022049	15785	25.937	50.282
13.6673	2.99793	49.993	49.999	50.001	27.81	0.242	0.024495	15785	27.439	43.545
13.6583	2.99357	49.999	50.003	49.995	27.83	0.251	0.027212	15785	28.17	43.223
13.657	3.00041	49.995	49.995	49.992	27.84	0.243	0.020154	15785	28.72	42.031
13.6636	2.99474	49.997	49.999	50.004	27.84	0.259	0.038063	15785	29.09	40.466
13.6448	2.98761	50.003	50	49.999	27.91	0.25	0.014632	15785	29.07	40.121
13.6354	2.99533	49.998	49.999	50.002	27.92	0.244	0.010837	15785	28.71	41.042
13.6852	2.99946	50.005	49.998	49.998	28.27	0.253	0.034793	15785	27.539	43.826
13.7084	3.00857	49.999	49.996	49.997	28.48	0.253	0.007867	15785	25.206	46.74
13.684	2.99943	49.999	49.996	50	28.54	0.263	0.01684	15785	22.53	55.208
13.6764	3.00107	50	50.004	49.995	28.68	0.257	0.011005	15785	21.848	53.615
13.6529	2.997	49.999	50.002	50.004	28.66	0.253	0.00815	15785	20.825	57.178
13.6819	3.00284	49.999	49.999	50.007	29.23	0.256	0.015393	15785	19.429	63.819
13.6519	2.99502	50.002	50.002	50.003	29.19	0.263	0.0171	15785	18.535	68.978
13.6534	2.99437	50.008	50.003	49.999	29.91	0.264	0.018997	15785	17.812	73.794
13.6815	2.99885	49.998	49.999	50.001	29.22	0.255	0.01407	15785	17.119	77.969
13.6864	3.00371	49.992	50.002	49.995	29.85	0.266	0.045174	15785	16.717	81.086
13.683	3.00711	50.005	49.997	49.995	29.7	0.257	0.017365	15785	16.154	84.66
13.6626	2.99312	49.999	49.998	49.999	29.48	0.278	0.019292	15785	16.445	84.505
13.6665	3.00291	50.004	50.001	50	30.6	0.256	0.021432	15785	17.008	82.582
13.6808	3.00321	50.003	50.001	49.996	30.04	0.257	0.026984	15785	17.551	80.456
13.6517	2.99611	49.998	49.996	49.997	28.6	0.256	0.029978	15785	18.696	77.565
13.6627	3.0044	50.002	50.002	50.001	28	0.258	0.011524	15785	21.788	68.778
13.6629	2.99218	50	49.995	49.998	27.8	0.258	0.014509	15785	24.555	62.773
13.6548	3.00158	50.002	50.002	50.003	27.83	0.257	0.027402	15785	26.919	57.989
13.6853	3.00356	49.999	49.998	50	27.87	0.255	0.007022	15785	28.37	54.329
13.6759	2.99607	49.995	49.999	50.002	27.85	0.242	0.022546	15785	29.18	54.058
13.6795	3.00286	49.999	50	50.002	27.94	0.241	0.025048	15785	29.39	53.221
13.6511	2.99715	49.995	49.996	50.002	27.85	0.26	0.027827	15785	29.48	52.75
13.657	2.99805	49.999	49.996	50.003	27.87	0.249	0.020609	15785	28.6	56.955
13.6966	3.00167	49.992	50.001	49.996	27.85	0.246	0.022896	15785	29.08	56.142
13.658	3.00131	50.003	50	49.999	28.28	0.25	0.014962	15785	26.378	63.278
13.6841	3.00168	49.997	50.002	49.999	27.97	0.251	0.032025	15785	26.118	62.545
13.6814	2.99775	49.995	49.997	50.004	28.06	0.247	0.020928	15785	25.667	63.251

13.6569	3.00166	50	49.998	50	28.09	0.251	0.0155	15785	25.086	65.119
13.6532	2.99271	50.002	50.001	50	28.27	0.266	0.01722	15785	24.475	67.647
13.6792	3.00082	49.999	50.001	49.997	28.52	0.264	0.021681	15785	24.064	69.616
13.6886	3.0099	49.999	50.002	50.006	28.39	0.268	0.014168	15785	23.593	71.681
13.66	3.00363	50.001	50.004	50.005	28.22	0.251	0.030326	15785	23.583	72.658
13.6734	2.9978	49.998	49.997	49.998	28.41	0.257	0.019818	15785	23.292	75.224
13.6729	3.00437	49.999	50.002	50.001	28.53	0.265	0.042419	15785	23.873	74.79
13.6636	2.99587	50.005	50.002	50.001	28.63	0.257	0.016306	15785	18.515	89.676
13.6662	3.00119	50.006	50.003	49.998	28.76	0.261	0.018115	15785	18.325	93.274
13.6716	2.99899	49.998	50.002	49.996	28.65	0.262	0.004642	15785	18.666	93.589
13.657	2.99752	49.997	50	50.004	29.16	0.272	0.014905	15785	19.279	91.874
13.6529	2.99975	50	50.003	50.002	28.59	0.261	0.00573	15785	20.142	90.854
13.6817	3.00067	50.006	49.997	49.999	27.86	0.248	0.035442	15785	22.751	85.357
13.6723	2.99409	49.999	49.995	50.001	27.75	0.26	0.013624	15785	24.605	79.986
13.6694	2.99894	50.007	50	49.998	27.84	0.259	0.017154	15785	25.276	78.819
13.7001	3.00813	49.995	50.006	50.003	28.23	0.248	0.032397	15785	25.587	77.586
13.6684	3.00036	50.002	50.004	50.002	28.24	0.24	0.021171	15785	25.697	75.863
13.6708	2.99637	50.004	49.999	50.003	27.86	0.261	0.01568	15785	25.727	76.828
13.6652	2.99638	49.998	50.004	49.996	28.05	0.251	0.050343	15785	24.845	81.303
13.6719	3.00245	50.007	50.003	50.005	28.89	0.248	0.021933	15785	19.821	91.939
13.6616	2.99813	50	49.999	50.003	29.22	0.266	0.014333	15785	18.515	95.516
13.6741	3.00333	49.999	50.002	50.004	29.04	0.273	0.015923	15785	18.756	95.889
13.6831	3.00487	49.998	50	49.997	28.85	0.262	0.011793	15785	19.078	96.08
13.6828	3.00291	50.005	50.001	49.994	28.53	0.262	0.007707	15785	19.228	95.706
13.6758	3.00161	49.998	49.994	49.999	29.44	0.25	0.014555	15785	18.556	95.618
13.7026	3.00676	49.998	50.007	50.006	29.31	0.272	0.027488	15785	18.666	95.664
13.6692	2.99621	50.002	50.004	50.001	29.3	0.257	0.004144	15785	18.837	95.202
13.6794	3.00575	50.004	50	49.999	28.81	0.268	0	15785	18.525	95.695
13.6768	2.99877	50.003	50	50.001	28.61	0.268	0.018774	15785	18.616	96.291
13.6826	3.0049	49.997	49.999	50.003	28.71	0.27	0.023637	15785	18.957	96.41
13.6937	3.00369	49.997	50.004	49.999	29.92	0.26	0.005345	15785	15.762	92.836
13.677	3.00081	50.007	49.998	50.001	30.05	0.271	0.019449	15785	15.54	91.744
13.6544	2.996	50	50	50	29.78	0.265	0.01271	15785	14.273	91.172
13.692	3.00016	50.003	49.999	50.002	28.94	0.266	0.01412	15785	13.528	90.554
13.6888	3.00308	50.001	50.006	49.998	28.58	0.274	0.009227	15785	13.549	90.875
13.6591	2.99299	50.009	49.999	49.999	28.95	0.264	0.029625	15785	13.971	90.258

13.6512	2.99095	49.999	50.002	49.999	29.7	0.267	0.011388	15785	14.997	88.438
13.6767	2.99887	49.996	50	50.002	29.83	0.263	0.007442	15785	14.625	88.067
13.69	3.00557	49.996	49.995	49.997	28.53	0.261	0.014055	15785	17.069	75.221
13.6877	3.00455	49.999	50.001	49.999	27.84	0.269	0.015614	15785	19.158	60.42
13.6326	2.99383	50.002	49.999	50.001	27.86	0.259	0.017346	15785	18.827	57.76
13.6595	2.99736	50.004	50.002	49.997	28.02	0.257	0.019271	15785	20.895	52.92
13.6795	2.99677	50.006	50	50.002	27.89	0.25	0.021409	15785	21.667	49.059
13.636	2.99198	49.997	50.002	50.008	28.29	0.255	0.015856	15785	21.467	43.964
13.6865	3.00625	50.005	50.001	49.993	28.42	0.253	0.017615	15785	21.356	42.332
13.6482	2.99386	50	50.003	49.999	28.57	0.257	0.011511	15785	20.564	41.679
13.6591	2.99875	49.999	49.998	50.003	29.22	0.262	0.014494	15785	17.35	51.936
13.6563	2.99563	50.002	49.997	49.998	30.6	0.275	0.016102	15785	15.551	59.29
13.657	2.99379	50.001	49.998	50	29.71	0.263	0.017888	15785	13.226	74.007
13.6632	2.99839	50.001	50.002	49.994	28.18	0.281	0.019872	15785	10.588	87.037
13.6568	2.99916	50.003	49.998	50.002	27.06	0.262	0.022077	15785	10.386	91.966
13.6717	2.99982	50.003	49.996	49.994	26.34	0.283	0.041695	15785	9.066	93.294
13.6666	3.00356	49.999	49.997	49.999	25.78	0.283	0.009428	15785	8.421	93.505
13.6883	3.00472	49.999	49.993	50.002	25.05	0.276	0.02018	15785	7.927	94.335
13.7025	3.00747	50.003	49.996	50	24.43	0.285	0.022419	15785	7.644	94.797
13.7016	3.00686	49.999	49.994	50.005	24.05	0.275	0.008618	15785	7.16	94.952
13.689	3.0062	50	50.001	49.998	23.89	0.27	0.018446	15785	6.918	95.457
13.6589	3.00076	50.003	49.997	50	23.79	0.286	0.012055	15785	7.15	95.928
13.6894	3.00682	50	49.998	50.006	24.21	0.27	0.007878	15785	7.442	96.171
13.6524	3.00216	50.003	49.996	50.007	27.18	0.263	0.008752	15785	10.82	96.086
13.6567	2.99851	49.994	49.999	50.004	27.93	0.264	0.005719	15785	16.254	76.485
13.6898	3.00722	49.999	49.991	50.002	27.89	0.25	0.010801	15785	18.927	65.243
13.679	3.00251	49.998	50.003	50.001	27.99	0.268	0.020399	15785	19.901	51.279
13.6952	3.00817	50.004	49.996	50	27.93	0.249	0.013331	15785	20.935	52.706
13.6716	3.001	50.003	49.998	50.001	27.85	0.261	0.01481	15785	21.998	41.603
13.6925	3.00559	49.999	49.997	49.998	27.85	0.245	0.018646	15785	22.991	38.948
13.6474	2.99342	50.001	49.995	50.003	28.38	0.251	0.012185	15785	23.081	38.414
13.6828	3.00328	49.998	50.001	50.002	28.52	0.245	0.015342	15785	23.172	37.126
13.6798	3.00818	50.001	50.004	50	28.54	0.251	0.010026	15785	22.73	36.122
13.6691	3.00114	50	49.998	50.004	28.8	0.246	0.011138	15785	21.366	40.866
13.6478	2.99979	50.002	50	50.005	29.22	0.255	0.008249	15785	18.525	49.77
13.6761	3.00616	49.996	50	49.997	30.58	0.261	0.026486	15785	15.42	70.758

13.6704	3.00211	49.999	50	50.003	29.94	0.271	0.017308	15785	14.434	69.97
13.6919	3.00752	49.998	50.003	50.003	29.22	0.277	0.011311	15785	14.595	70.873
13.675	3.0001	49.999	49.996	50.005	28.56	0.271	0.018848	15785	13.911	76.03
13.6806	3.00285	50.006	49.997	49.996	27.91	0.262	0.02094	15785	12.341	83.945
13.6666	3.00423	49.994	50.005	49.993	27.34	0.279	0.013684	15785	12.119	86.338
13.6926	3.0042	49.997	50.003	50.004	27.1	0.284	0.008942	15785	12.159	87.42
13.6803	3.00181	49.996	50	50.003	26.88	0.269	0.005844	15785	11.323	89.43
13.664	3.0029	50.003	49.999	49.997	26.47	0.275	0.011037	15785	11.233	87.793
13.6568	2.9944	50.001	50	49.998	26.24	0.267	0.020844	15785	10.326	92.299
13.6537	3.00014	49.999	50	50.001	25.87	0.269	0.023156	15785	9.6	93.226
13.6716	3.00272	49.998	50	49.995	25.66	0.272	0.005934	15785	9.762	91.236
13.6708	2.99686	49.998	49.999	50.004	28.17	0.26	0.011208	15785	14.736	72.95
13.6593	2.99806	49.999	49.999	49.998	27.85	0.259	0.021167	15785	16.687	70.858
13.6733	3.00061	49.998	49.999	49.999	27.88	0.268	0.023515	15785	18.827	61.021
13.6715	2.99834	50.001	50	50.004	27.85	0.25	0.029607	15785	21.226	49.771
13.6718	2.99909	50	49.998	50.005	27.85	0.254	0.019348	15785	22.941	44.201
13.6571	2.99591	50	50.002	50.001	27.86	0.244	0.01433	15785	23.933	37.201
13.6775	3.00239	50.003	50.002	50	27.96	0.251	0.015919	15785	23.883	40.463
13.6834	2.99745	49.999	50.009	50.001	28.01	0.249	0.010403	15785	24.485	40.357
13.6857	3.00597	50	50	50	28.33	0.26	0.033401	15785	24.445	39.233
13.6381	2.9974	50	50.003	50.005	28.52	0.245	0.024738	15785	24.094	38.141
13.6585	2.9986	50.004	49.992	49.996	28.62	0.254	0.018321	15785	22.72	42.283
13.6469	2.99423	49.998	49.998	50.002	28.8	0.268	0.011973	15785	19.178	52.216
13.6496	3.00006	50.003	50	50.003	30.01	0.262	0.007824	15785	17.139	55.449
13.6678	3.00066	50	49.996	49.997	30.65	0.275	0.02847	15785	15.872	60.549
13.6626	3.00471	50.001	50.002	49.996	29.94	0.273	0.018605	15785	14.796	63.393
13.6599	2.99579	50	50.001	49.998	29.31	0.279	0.012158	15785	14.213	65.485
13.661	2.99624	49.997	49.996	49.997	28.7	0.285	0.015308	15785	13.871	67.163
13.6498	3.00306	50.003	49.999	49.997	28.12	0.277	0.010004	15785	12.381	75.219
13.6603	3.00312	49.995	49.999	49.999	27.84	0.26	0.032119	15785	11.726	78.062
13.6744	2.99783	50	50.002	50.003	27.28	0.28	0.008231	15785	10.296	83.829
13.6812	3.00422	50.001	50.001	50.002	26.68	0.267	0.015545	15785	9.883	93.007
13.6605	2.9964	49.998	49.996	49.999	26.47	0.28	0.029359	15785	9.701	94.103
13.6805	3.00284	50	49.99	49.999	26.53	0.265	0.012791	15785	9.711	94.315
13.6791	2.99986	49.999	50.001	50.004	26.47	0.277	0.01421	15785	9.731	93.942
13.6674	2.99705	50.002	50.003	50.001	28.53	0.276	0.009286	15785	13.438	83.74

13.6731	3.00285	50	50.001	49.998	27.84	0.269	0.006068	15785	17.561	62.754
13.6626	3.00167	49.998	50	49.994	27.85	0.26	0.012989	15785	20.905	56.332
13.6775	3.00076	50	50.003	49.999	27.93	0.258	0.02453	15785	23.573	51.195
13.6771	3.001	50.001	49.994	49.998	27.99	0.239	0.027252	15785	25.757	42.685
13.6729	3.00102	49.997	50.004	49.996	27.96	0.243	0.017809	15785	26.268	40.986
13.6654	3.00336	50.001	50.002	49.995	27.85	0.259	0.022423	15785	27.189	33.614
13.6651	3.00376	49.993	49.996	50.001	28.17	0.246	0	15785	27.039	38.058
13.678	3.00726	50.001	50.003	49.997	28.28	0.251	0.023987	15785	27.379	36.291
13.6409	2.98941	50.004	49.999	49.995	28.49	0.237	0.045302	15785	27.039	40.592
13.6599	2.99727	49.996	49.999	49.999	28.56	0.244	0.033552	15785	25.306	47.473
13.6681	2.99816	50.002	49.999	49.998	28.71	0.267	0.021926	15785	21.998	54.011
13.6591	2.99821	49.999	49.996	49.996	29.15	0.255	0.014329	15785	18.777	76.261
13.6743	2.9963	49.998	49.996	49.999	29.66	0.266	0.010612	15785	17.702	74.31
13.6768	3.00259	49.998	50.002	50.001	29.76	0.275	0.057922	15785	17.058	77.748
13.6961	3.00194	50.001	49.998	49.998	29.91	0.27	0.037851	15785	16.496	80.049
13.6506	2.99921	50	50.003	49.997	30.83	0.267	0.01455	15785	16.335	75.976
13.6803	3.00692	49.998	49.999	50.004	30.61	0.275	0.01832	15785	15.058	83.844
13.6759	3.00153	50.004	49.994	49.998	30.23	0.282	0.020352	15785	14.997	80.155
13.6399	2.99011	49.999	49.998	49.999	30.08	0.279	0.02261	15785	14.897	77.039
13.6469	2.99	50.001	50	50.003	29.91	0.272	0.008692	15785	14.082	79.429
13.6766	3.00223	49.997	50.001	49.997	29.35	0.271	0.016415	15785	12.582	92.011
13.6695	2.99846	50.001	50.002	49.998	28.53	0.27	0.035135	15785	11.575	93.559
13.6553	2.99218	49.999	50	50.003	28.21	0.283	0.022961	15785	11.636	93.51
13.6608	2.99974	49.999	50.002	50.003	28.6	0.258	0.008826	15785	15.661	79.079
13.6751	2.998	49.997	50.001	50.004	27.94	0.252	0.028338	15785	19.018	66.034
13.6645	2.99679	49.998	50.003	50.001	27.88	0.244	0.035679	15785	23.713	46.428
13.6919	3.0086	49.999	49.996	49.996	27.87	0.243	0.067384	15785	24.835	42.383
13.6792	3.00685	50.002	49.998	50.002	27.99	0.238	0.07486	15785	26.778	34.909
13.6473	2.99287	50.002	49.999	49.998	28.07	0.246	0.04892	15785	26.458	36.619
13.6706	3.00066	49.999	50.002	49.997	27.94	0.246	0.054348	15785	27.179	37
13.6701	3.00515	50.004	49.996	49.996	27.92	0.247	0.035516	15785	27.149	33.61
13.6528	2.9907	49.998	49.999	50.006	28.37	0.241	0.015473	15785	27.179	37.588
13.6609	3.00067	50.005	50.003	50.005	28.53	0.259	0.01719	15785	26.518	37.799
13.6556	2.99919	49.998	49.997	50.001	28.54	0.259	0.006608	15785	25.306	40.24
13.6731	2.99862	49.99	49.998	50.004	28.87	0.256	0.007341	15785	21.677	50.563
13.6506	2.9996	50.002	50	50.002	29.22	0.265	0.026712	15785	19.459	61.506

13.6675	3.00103	49.994	49.999	50.002	29.32	0.275	0.010268	15785	18.907	64.72
13.683	2.99692	50.001	50.002	50.002	30.05	0.277	0.019392	15785	17.752	69.759
13.6706	2.99424	49.999	49.994	49.993	29.91	0.27	0.036625	15785	16.415	75.094
13.6652	3.00344	50.002	50.006	50.005	30.47	0.271	0.009386	15785	15.621	79.3
13.6912	3.00426	50.002	49.995	50.004	30.28	0.269	0.017726	15785	14.967	84.481
13.6515	2.99719	49.997	50.001	50.001	30.05	0.269	0.019693	15785	14.374	87.397
13.6575	2.99638	49.998	49.999	49.999	29.9	0.269	0.012869	15785	14.193	88.752
13.671	3.00486	50	49.999	49.994	29.43	0.28	0.024305	15785	13.81	91.347
13.6846	3.00013	49.999	50.001	49.999	29.22	0.266	0.027001	15785	13.528	89.919
13.656	3.00016	49.995	50.004	49.998	28.83	0.273	0.017645	15785	12.864	90.024
13.6809	3.00023	50.003	49.999	49.997	28.58	0.275	0.013068	15785	12.24	93.194
13.6592	2.99428	50.003	49.998	49.997	28.86	0.27	0.014518	15785	14.434	85.896
13.6838	2.99643	50.003	49.997	49.996	28.53	0.253	0.009488	15785	16.767	79.315
13.6961	3.00114	49.999	49.996	49.998	28.12	0.26	0.030461	15785	19.339	71.826
13.6792	3.00734	50.002	50.003	50	28.17	0.269	0.038353	15785	21.326	64.459
13.6636	2.99922	49.997	50.002	49.995	27.93	0.25	0.042608	15785	23.633	56.547
13.6807	2.99869	49.999	50	50.001	27.92	0.259	0.053646	15785	25.727	48.404
13.6626	2.99453	50.004	50.004	50.001	27.93	0.241	0.020622	15785	25.717	48.307
13.678	2.99949	50	49.996	49.998	28.22	0.258	0.013476	15785	25.346	46.428
13.6851	3.00108	50.002	49.996	50.003	28.07	0.265	0.073555	15785	26.518	45.907
13.6826	3.0025	50	49.999	49.995	28.02	0.26	0.01885	15785	25.597	47.017
13.6396	2.99565	50.003	50.001	49.997	28.54	0.255	0.012318	15785	23.893	53.521
13.6487	2.99632	49.999	50.004	50	29.02	0.262	0.013685	15785	21.105	62.275
13.6928	3.00557	49.993	50.004	50.004	29.66	0.259	0.049796	15785	19.56	66.701
13.6369	2.99256	50.003	49.998	50.009	29.72	0.275	0.019142	15785	17.993	74.663
13.6777	2.9965	50.007	49.996	50	30	0.271	0.012509	15785	16.827	80.223
13.6898	3.00371	50.001	49.997	50.001	30.84	0.262	0.004809	15785	15.711	85.38
13.6853	3.00588	49.997	50.001	49.996	30.6	0.274	0.015439	15785	14.937	88.284
13.6677	3.00283	49.998	49.997	49.997	30.01	0.268	0.011434	15785	13.971	91.747
13.6602	3.00289	49.997	49.997	50.002	29.79	0.265	0.019055	15785	14.132	92.369
13.6506	2.99574	50.002	50.001	49.996	29.35	0.269	0.023991	15785	13.911	93.347
13.6359	2.99424	50.002	50.001	50	29.22	0.265	0.015678	15785	13.871	94.191
13.6783	3.00322	49.995	50.001	49.998	29.2	0.267	0.017417	15785	14.082	94.422
13.6591	2.99291	49.996	50	49.998	29.21	0.277	0.01935	15785	13.84	94.401
13.6857	3.00965	50	49.999	50.002	29.24	0.276	0.014331	15785	14.213	94.478
13.673	2.99925	50.001	50.006	49.996	29.09	0.26	0.046011	15785	16.134	90.204

13.6419	2.99501	49.998	49.998	50.002	28.3	0.256	0.030068	15785	18.395	82.364
13.6715	3.00459	50.003	50	49.999	27.91	0.26	0.019649	15785	20.513	72.985
13.7126	3.00871	50.003	49.999	49.995	27.86	0.25	0.02474	15785	23.853	59.768
13.6905	3.00429	49.998	49.998	50.002	27.96	0.246	0.00951	15785	25.617	48.426
13.6699	3.00015	50.002	49.996	50.002	27.96	0.243	0.051907	15785	25.837	47.537
13.6579	3.00262	50.005	49.995	49.995	27.95	0.243	0.019954	15785	26.568	47.397
13.6699	3.00779	50.004	49.997	49.997	28	0.256	0.037684	15785	27.059	42.627
13.636	2.99188	50.005	50.002	50.001	28.1	0.248	0.071171	15785	26.818	41.113
13.6566	3.00487	49.998	50.001	50	28.2	0.249	0.031007	15785	25.537	42.997
13.6703	3.00185	50	50.002	49.997	28.54	0.249	0.011919	15785	23.923	49.701
13.6802	3.00147	49.998	49.999	50.001	29.23	0.271	0.022511	15785	20.624	63.64
13.6733	3.00096	50.005	49.997	50.001	29.16	0.265	0.028342	15785	18.746	69.216
13.6649	2.99584	50	49.995	49.993	29.84	0.263	0.031487	15785	17.601	80.696
13.6835	2.99887	50	49.995	50.003	29.89	0.281	0.03498	15785	17.069	86.975
13.6981	3.01186	49.994	49.996	49.999	30.65	0.271	0.022859	15785	16.405	89.948
13.674	3.00262	50.001	49.996	49.996	30.65	0.26	0.028781	15785	16.003	91.59
13.7157	3.00835	49.999	49.996	49.999	30.57	0.258	0.018809	15785	15.359	93.132
13.6774	3.00063	49.998	50.002	50	30.02	0.27	0.020895	15785	14.857	94.06
13.715	3.01109	49.997	50.001	50	29.91	0.266	0.023213	15785	14.323	94.312
13.672	3.0024	50.005	50.002	50.002	29.76	0.264	0.01517	15785	13.83	93.832
13.6769	3.001	49.997	49.999	49.998	29.23	0.267	0.016853	15785	13.559	93.059
13.6814	3.00263	50.002	49.998	49.998	28.63	0.267	0.031828	15785	12.683	93.55
13.6522	2.99949	49.999	49.998	50	28.28	0.261	0.013866	15785	12.411	92.977
13.6594	2.99273	50.001	50.008	50	28.67	0.266	0.009062	15785	14.655	85.757
13.6659	2.9964	49.999	49.996	49.998	28.31	0.265	0.049459	15785	16.918	83.008
13.6904	3.00368	49.998	49.994	50.001	27.88	0.268	0.021547	15785	20.102	65.675
13.6712	3.00139	50.012	49.998	49.999	27.84	0.255	0.040694	15785	22.781	55.399
13.6523	2.99521	50	50.003	50	28.05	0.265	0.015643	15785	23.733	52.202
13.6475	2.9949	49.999	50.002	49.999	27.89	0.255	0.019696	15785	24.926	49.637
13.6754	2.99895	50.006	49.996	49.997	28.52	0.255	0.021881	15785	23.482	52.327
13.6844	3.00258	50.007	49.994	49.997	28.27	0.26	0.041325	15785	24.224	51.982
13.6709	2.99887	49.999	50.002	49.999	28.44	0.265	0.045909	15785	24.364	51.139
13.6773	2.99655	49.996	50.01	50.001	28.5	0.25	0.051003	15785	24.735	47.599
13.6633	2.99552	50	50.003	49.998	28.48	0.251	0.013071	15785	24.485	51.123
13.6531	2.99538	49.996	50.001	49.999	28.62	0.271	0.024685	15785	21.406	66.909
13.6776	3.00257	49.997	50.003	49.996	29.22	0.265	0.027424	15785	19.921	72.432

13.6574	2.99913	49.999	50.001	49.998	28.82	0.263	0.020311	15785	18.867	71.489
13.6838	3.00037	49.999	50.004	49.998	29.23	0.268	0.013273	15785	17.661	75.612
13.6413	2.99584	50.001	50	49.998	29.24	0.259	0.025067	15785	16.928	77.669
13.6735	2.99747	50.005	50.002	50.005	29.25	0.266	0.031562	15785	17.4	77.297
13.6808	2.99717	50.003	50.005	49.998	29.06	0.268	0.020625	15785	18.335	75.132
13.6797	3.00677	49.997	49.989	50	28.6	0.263	0.022914	15785	18.686	75.604
13.6764	3.00365	50.001	49.995	49.997	29.21	0.258	0.02885	15785	18.274	78.861
13.6492	2.99271	50.002	50	50.004	29.14	0.276	0.01109	15785	18.154	81.376
13.6878	3.00478	50.001	49.993	49.999	28.87	0.26	0.013963	15785	17.933	84.429
13.6546	2.99457	49.998	49.999	50.002	29.22	0.259	0.026371	15785	17.963	85.467
13.6682	2.99605	50	49.997	49.999	28.7	0.265	0.017233	15785	17.491	88.005
13.6752	3.00301	50.001	50	50.002	29.27	0.264	0.012763	15785	17.631	87.469
13.7002	3.00277	49.999	50.004	50.002	29.23	0.276	0.014179	15785	18.134	86.019
13.6802	2.99802	50.001	50.001	49.999	28.62	0.273	0.017853	15785	19.058	84.312
13.6346	2.98958	49.999	49.996	50.001	28.16	0.254	0.033717	15785	20.644	78.153
13.6598	3.00073	49.999	50	50.005	27.89	0.247	0.022034	15785	23.212	71.722
13.6705	3.0015	49.999	50.003	49.997	27.85	0.254	0.024478	15785	23.883	61.707
13.6611	3.00379	49.997	50	50.003	28.03	0.255	0.03082	15785	24.415	59.916
13.6768	3.00056	50.004	50.002	50.003	28.32	0.248	0.011847	15785	24.174	60.758
13.67	3.00017	49.994	50	50.002	28.38	0.256	0.022375	15785	24.324	61.595
13.6823	3.0018	49.999	50	50.001	28.38	0.255	0.014622	15785	23.623	65.695
13.642	2.98888	50.004	49.999	50.003	28.53	0.246	0.027615	15785	22.921	69.407
13.6473	2.99379	49.997	49.996	50.006	28.54	0.26	0.018046	15785	22.149	70.457
13.6729	3.00104	50.004	49.996	49.997	29.12	0.26	0.013366	15785	20.764	76.931
13.6868	3.00403	50.002	50.002	49.995	28.91	0.268	0.008734	15785	20.092	78.722
13.6669	2.99896	49.998	50.001	50.003	28.63	0.25	0.018695	15785	19.72	81.079
13.6653	2.99649	50.007	49.996	49.998	29.18	0.263	0.020769	15785	20.112	79.692
13.6779	3	50	50.001	49.999	28.57	0.256	0.023074	15785	19.359	84.408
13.6552	2.99414	49.994	49.999	49.999	28.82	0.254	0.017089	15785	19.851	83.821
13.6762	3.00423	50	50	49.998	28.7	0.265	0.018985	15785	18.606	86.882
13.6656	3.00191	50.007	50.001	50.005	29.22	0.258	0.008271	15785	17.209	91.402
13.6882	3.00176	50.003	50.003	50	29.77	0.257	0.015621	15785	16.787	93.728
13.6537	2.99766	50.006	50	50.004	29.51	0.272	0.011569	15785	16.164	94.185
13.6912	3.01041	49.998	50.004	49.996	29.3	0.266	0.00756	15785	15.732	94.99
13.6461	2.99298	49.999	50.001	50	29.25	0.27	0.014279	15785	16.606	95.336
13.6822	3.00395	50.003	49.998	49.999	29.08	0.266	0.006221	15785	18.093	92.529

13.6635	2.99436	50.002	50.004	50.007	28.59	0.254	0.033953	15785	19.158	90.983
13.6736	3.00217	50.003	50.006	49.999	28.53	0.267	0.022188	15785	20.533	87.119
13.6772	3.00101	50.004	50	50.001	28.1	0.258	0.027936	15785	22.861	79.961
13.6619	2.99765	49.996	50.007	49.997	28.4	0.258	0.018256	15785	22.821	79.212
13.6513	3.00152	49.997	50.001	49.999	28.18	0.263	0.058613	15785	24.104	73.119
13.6886	3.00522	50	49.998	49.997	28.17	0.26	0.038304	15785	25.056	69.881
13.6642	2.99916	50.002	49.999	50.002	28.03	0.26	0.07234	15785	25.657	64.415
13.6804	3.00319	49.996	49.999	50.001	28.14	0.257	0.047274	15785	26.478	59.314
13.6596	2.99583	49.999	50	49.999	28.05	0.245	0.020596	15785	26.338	61.49
13.678	2.99711	49.999	49.998	50.004	28.49	0.25	0.007917	15785	24.896	62.829
13.6744	3.00045	50.001	50.005	50.002	28.53	0.266	0.008795	15785	23.523	68.46
13.665	2.99962	50.001	50.007	49.996	28.61	0.252	0.009771	15785	22.189	73.94
13.662	3.00548	50.002	50.004	50.004	28.82	0.263	0.004257	15785	20.614	80.706
13.6678	3.00045	50.006	50	50.003	29.14	0.261	0.023235	15785	19.259	88.101
13.6575	2.99721	50.001	49.998	50.004	28.65	0.261	0.025813	15785	18.596	89.908
13.6915	3.00659	50.006	50	50	29.26	0.268	0.0325	15785	17.581	90.936
13.6634	2.99744	49.997	50.005	50.006	29.48	0.275	0.021238	15785	17.772	90.058
13.6655	2.99896	50.004	50	50	29.91	0.262	0.01573	15785	16.777	92.581
13.6675	3.00032	50.005	49.997	50.004	29.58	0.254	0.017475	15785	16.023	94.764
13.6479	2.99485	49.998	50	50.002	30.36	0.258	0.006717	15785	15.54	95.246
13.6686	2.99514	49.995	50.003	49.997	29.62	0.265	0.012687	15785	15.038	95.63
13.6652	3.00401	49.992	50	50.002	30.6	0.259	0.009396	15785	14.575	95.569
13.6821	3.00675	50	49.997	50.004	30.46	0.261	0.017746	15785	14.233	96.012
13.6652	3.00117	49.999	50.005	50.001	29.22	0.274	0.033514	15785	16.566	96.216
13.683	2.99662	50	50	50.007	29.62	0.271	0.021901	15785	17.571	89.162
13.6556	2.99901	49.997	49.999	50.001	29.89	0.264	0.046878	15785	16.003	84.036
13.6817	3.00769	50.002	50.001	50.004	29.86	0.268	0.01802	15785	15.701	82.885
13.6841	3.00624	50.002	49.997	50	29.22	0.267	0.011776	15785	17.058	79.274
13.67	3.00279	49.999	50.003	49.996	29.58	0.265	0.022241	15785	15.007	85.191
13.6743	3.00237	50.003	50.002	50.002	30.61	0.279	0.002958	15785	14.877	86.024
13.6587	2.99232	49.999	49.999	49.997	29.35	0.271	0.010764	15785	15.953	80.363
13.6568	2.99553	50.001	49.997	50.002	30.05	0.265	0.058753	15785	15.701	80.864
13.6542	3.00092	50	49.998	50	29.73	0.267	0.022585	15785	15.832	77.803
13.6951	3.0022	50.005	49.996	50.004	30.55	0.263	0.008682	15785	15.661	76.599
13.6651	2.99463	49.999	49.996	50.005	30.06	0.28	0.009645	15785	14.927	73.868
13.6966	3.00483	50.004	49.997	49.997	29.29	0.281	0.003708	15785	13.77	73.51

13.6571	3.00077	50.002	50	50	27.86	0.275	0.013491	15785	12.622	74.49
13.6645	3.00471	50.005	50	50.001	26.67	0.277	0.025479	15785	11.535	78.576
13.6451	3.00007	49.999	50.023	49.995	25.78	0.285	0.016651	15785	10.83	80.439
13.68	3.0017	49.998	50.001	49.994	25.05	0.279	0.012332	15785	10.124	82.256
13.6901	3.00185	50.004	49.996	49.997	24.38	0.277	0.02329	15785	9.207	85.407
13.6642	2.99814	50	49.996	49.994	23.72	0.295	0.005266	15785	8.683	85.884
13.6872	3.00605	50.001	50.002	49.998	23.11	0.284	0.016908	15785	8.401	86.599
13.6383	2.9893	49.998	49.997	49.994	22.97	0.283	0.007366	15785	8.189	87.635
13.6551	2.99613	49.998	50	50	22.4	0.292	0.013912	15785	7.846	88.179
13.6848	3.00562	50.002	49.996	50.001	23.03	0.284	0.017516	15785	8.451	84.012
13.6693	3.0012	50.003	50.003	50.008	23.28	0.284	0.011447	15785	8.128	83.842
13.7017	3.00805	49.995	50.003	50.006	25.67	0.287	0.012717	15785	10.326	77.004
13.6774	3.00117	49.999	50.002	50.001	28.73	0.269	0.014128	15785	12.149	73.687
13.6722	3.00615	49.997	49.99	49.995	28.39	0.265	0.006155	15785	14.454	65.64
13.6708	3.00123	49.998	50.002	50.001	28.51	0.259	0.019761	15785	15.339	60.699
13.634	2.99367	49.995	49.996	49.998	28.35	0.251	0.037321	15785	17.129	49.966
13.6574	2.99805	49.995	50.003	49.998	28.15	0.275	0.1358	15785	17.511	48.084
13.6857	3.00298	49.995	49.997	49.996	28.21	0.257	0.088744	15785	17.39	45.152
13.6842	3.00171	49.993	49.996	50	28.46	0.275	0.011804	15785	17.581	44.267
13.6734	3.00298	49.996	50	49.998	28.57	0.261	0.025266	15785	17.129	44.831
13.6506	2.99986	50.001	50.002	50.004	29.22	0.273	0.016511	15785	15.842	46.699
13.6436	2.99058	50.001	50	50	29.87	0.273	0.01079	15785	14.364	51.097
13.654	2.99674	49.999	50.004	50.004	29.84	0.269	0.013585	15785	12.169	61.607
13.6712	3.00423	49.996	49.997	49.998	26.98	0.285	0.025657	15785	11.112	67.825
13.6732	3.01002	50	49.989	49.997	25.25	0.28	0.016767	15785	9.6	74.863
13.71	3.01079	50	49.995	49.998	24.38	0.28	0.012418	15785	8.955	77.818
13.6532	2.99222	50	49.999	50.002	23.61	0.274	0.013796	15785	8.471	80.137
13.6545	2.99675	50	50.001	49.995	23.17	0.289	0.026055	15785	8.148	81.446
13.6845	3.00353	50.001	49.996	50	23.08	0.288	0.019297	15785	7.866	83.166
13.6732	3.00162	50	50.002	50.005	23.71	0.291	0.021438	15785	7.079	87.943
13.6294	2.99037	50.003	49.994	50.002	23.83	0.285	0.026991	15785	6.11	90.505
13.6466	2.99898	50.005	49.999	50	23.72	0.283	0.029986	15785	5.606	91.781
13.6838	3.0032	50.001	50.002	50.001	24.36	0.292	0.022208	15785	4.677	92.329
13.6501	2.99286	49.998	49.996	49.997	24.38	0.291	0.008537	15785	4.293	93.18
13.6706	3.00299	49.998	49.998	49.999	23.73	0.286	0.018273	15785	5.767	92.33
13.6847	3.00244	49.999	50.002	50.001	25.5	0.278	0.0203	15785	9.358	81.889

13.6397	2.99453	49.997	49.992	50.003	28.61	0.279	0.015035	15785	11.897	72.581
13.661	3.00165	49.997	50	49.996	27.98	0.286	0.02174	15785	14.102	63.049
13.6864	3.00754	50.001	49.999	50	28.4	0.268	0.046533	15785	14.776	50.407
13.6578	2.99793	50.001	49.995	49.994	29.05	0.265	0.010522	15785	14.776	52.601
13.6613	3.00153	49.999	49.998	50.001	28.5	0.261	0.110649	15785	15.872	49.142
13.6993	3.00172	50	50.002	50.003	28.52	0.267	0.042534	15785	16.274	47.866
13.6446	2.99015	49.999	49.994	49.999	28.54	0.27	0.027796	15785	16.194	48.647
13.6623	2.99812	49.994	50.004	50	28.94	0.27	0.059495	15785	15.862	50.145
13.6748	2.99997	50.003	50.002	50	29.45	0.27	0.066095	15785	14.504	52.78
13.6515	2.98995	49.996	49.999	50	30.59	0.26	0.014946	15785	13.206	58.102
13.6932	3.00725	49.999	50.003	49.999	28.89	0.28	0.016604	15785	11.777	65.341
13.6588	2.99699	49.997	50.001	49.998	26.27	0.29	0.018446	15785	10.507	72.546
13.6692	2.99894	49.997	50.006	50	24.83	0.292	0.012054	15785	9.52	75.411
13.6856	3.00572	49.999	50	49.995	23.67	0.28	0.013392	15785	8.703	79.601
13.6819	3.00331	49.999	50.002	49.999	23	0.273	0.005148	15785	7.937	84.032
13.6612	2.99576	50.005	49.997	50.002	23.41	0.283	0.011019	15785	7.624	86.589
13.6386	2.99056	49.998	50.001	50.003	23.72	0.279	0.004236	15785	7.624	84.658
13.6771	3.00506	50.002	49.998	49.998	23.54	0.296	0.007999	15785	7.725	82.639
13.6642	2.99878	49.993	49.997	49.994	23.72	0.283	0.025683	15785	7.573	83.383
13.6758	3.00269	50.002	49.997	49.996	24.32	0.287	0.009873	15785	6.716	86.684
13.6957	3.00843	49.997	49.992	49.996	24.34	0.284	0.035924	15785	6.373	87.588
13.6673	3.00188	50.001	50.003	50.003	24.21	0.287	0.023476	15785	6.019	89.528
13.7049	3.00141	50	49.999	50	24.71	0.276	0.006016	15785	6.797	84.877
13.6658	3.00425	50.005	50	50	24.53	0.295	0.011363	15785	8.632	78.821
13.6908	3.0024	50.005	49.998	50.003	28.52	0.265	0.012623	15785	11.767	69.445
13.6771	2.9998	49.999	50	49.998	28.68	0.271	0.027019	15785	13.971	62.569
13.6665	2.99453	50.001	49.996	50	28.53	0.272	0.00611	15785	15.148	51.636
13.6788	3.00058	50.001	50.007	50.004	28.42	0.267	0.033346	15785	16.435	39.01
13.6304	2.98936	50	49.994	50.001	28.49	0.266	0.024697	15785	16.636	36.147
13.6611	2.99651	49.995	49.996	49.999	28.55	0.277	0.046643	15785	17.189	43.571
13.6707	3.0059	49.998	50.002	50	28.63	0.259	0.058727	15785	16.224	46.394
13.6669	3.00376	50	50.01	49.998	29.12	0.261	0.038378	15785	16.083	47.779
13.69	3.00399	50.001	50.001	50	29.4	0.278	0.02508	15785	13.901	54.765
13.6876	3.00741	50.001	49.998	49.998	30.69	0.268	0.027862	15785	14.233	52.192
13.6633	2.99806	49.996	50.005	49.997	29.22	0.281	0.012138	15785	12.763	66.464
13.6535	2.99561	49.996	50.001	50.004	27.11	0.277	0.013485	15785	11.847	74.125

13.6912	3.00442	50.001	50.001	50.002	25.85	0.283	0.009987	15785	10.961	78.928
13.6654	2.99651	50.001	49.998	50.005	25.05	0.281	0.012575	15785	10.971	68.016
13.6574	2.9967	49.999	50	49.996	24.58	0.281	0.023749	15785	11.132	64.865
13.6665	2.99679	50.005	49.998	50	24.45	0.277	0.026384	15785	10.648	65.088
13.655	2.99777	50	50.003	49.996	24.37	0.282	0.017242	15785	9.993	65.862
13.6635	2.99474	50.003	49.998	50	23.83	0.284	0.01277	15785	9.459	66.35
13.6765	3.00273	50.005	50.001	50.004	23.52	0.282	0.024117	15785	8.975	66.972
13.6578	2.99871	50.001	49.998	49.999	22.99	0.281	0.01576	15785	8.108	71.471
13.6616	2.99621	50.001	50	50.005	23.28	0.281	0.011672	15785	8.027	70.48
13.6817	3.00624	49.999	49.998	49.999	23.18	0.282	0.022045	15785	8.693	68.379
13.6659	2.99721	50.006	50.003	49.992	23.35	0.273	0.014406	15785	9.016	68.257
13.6488	2.99383	49.996	50.001	49.995	23.72	0.289	0.018138	15785	9.479	67.745
13.6416	2.99011	50.004	49.992	49.999	24.85	0.268	0.006973	15785	9.953	66.545
13.6714	3.0071	50.003	50	50.003	27.34	0.274	0.025371	15785	11.837	61.179
13.6787	2.99814	50	49.995	50.001	29.22	0.285	0.01658	15785	11.877	61.502
13.6841	3.00104	50.001	50.003	49.996	30.57	0.275	0.006373	15785	12.532	60.19
13.6447	2.99321	49.996	50	49.999	29.96	0.282	0.008025	15785	13.005	59.186
13.7061	3.00378	49.996	50.006	49.998	30.2	0.274	0.015155	15785	12.592	60.955
13.6797	3.0039	50	49.996	49.996	30.22	0.268	0.019081	15785	12.441	62.428
13.6834	3.00373	49.999	49.999	50.002	29.72	0.276	0.01247	15785	11.837	64.51
13.6848	3.00304	49.997	49.993	50.004	28.53	0.271	0.013853	15785	11.515	65.571
13.6693	3.00066	50.003	49.999	49.997	27.15	0.279	0.029651	15785	10.477	71.535
13.6484	2.99449	49.997	50.002	50	25.44	0.276	0.021961	15785	9.56	79.439
13.6875	3.00593	50.003	49.997	49.999	24.4	0.281	0.008442	15785	9.096	83.573
13.6533	2.99859	49.997	50.009	50	23.84	0.275	0.009378	15785	8.895	83.55
13.6341	2.99621	50.001	49.994	49.992	23.78	0.279	0.010419	15785	8.713	84.828
13.7073	3.01057	50	50.003	50.001	24.02	0.289	0.013118	15785	8.915	83.791
13.7038	3.01163	49.994	50.003	50.001	24.39	0.268	0.008573	15785	9.137	82.631
13.6707	3.00815	49.997	49.996	49.998	24.33	0.281	0.006349	15785	9.046	83.937
13.6613	2.99753	50.004	50.001	49.996	24.45	0.281	0.007053	15785	9.127	83.651
13.6771	3.00232	50.001	50.003	50.001	24.58	0.275	0.013321	15785	9.177	84.324
13.7	3.00887	50.001	49.999	50	24.77	0.286	0.016772	15785	9.227	85.156
13.6592	3.00271	50.005	50.003	49.998	25.08	0.281	0.010961	15785	9.318	85.921
13.6434	3.00054	49.999	50.001	49.998	25.08	0.29	0.007163	15785	9.348	86.598
13.6922	3.00434	50.003	50.002	49.997	25.05	0.281	0.015331	15785	9.419	86.89
13.6821	3.00183	50.006	50	50.001	25.11	0.287	0.011355	15785	9.802	86.477

13.6712	2.99533	50.005	50.004	49.999	25.95	0.275	0.012614	15785	10.467	84.528
13.6641	3.00054	49.999	49.996	49.995	27.16	0.276	0.015882	15785	11.253	82.365
13.6616	3.0034	49.999	49.999	49.996	29.18	0.282	0.006919	15785	12.33	79.651
13.6702	3.00561	50.001	50	49.998	30.5	0.284	0.007687	15785	13.247	77.313
13.6966	3.00353	50.003	50.001	49.999	29.43	0.273	0.014518	15785	14.293	75.117
13.6822	3.00774	50.003	50.002	49.995	29.21	0.27	0.016128	15785	15.38	72.993
13.6556	2.9986	49.999	50.002	50.001	29.89	0.28	0.007027	15785	14.967	74.724
13.676	3.00061	49.996	50.002	50.002	29.25	0.28	0.006888	15785	14.957	74.696
13.6759	3.0096	49.999	49.996	50.001	30.67	0.269	0.014743	15785	14.354	77.494
13.6597	3.0014	50.003	50.006	50.002	30.16	0.271	0.027843	15785	13.599	79.625
13.6812	3.00134	50.003	50.003	49.999	29.22	0.288	0.010703	15785	13.247	81.543
13.6782	3.00141	49.999	49.998	49.997	28.54	0.27	0.011891	15785	12.763	84.741
13.6664	2.99776	49.999	50.003	49.999	28.19	0.269	0.01321	15785	12.562	86.468
13.6831	3.00213	50.002	50.002	50.001	28.39	0.266	0.014675	15785	12.562	87.309
13.6936	3.00224	49.996	49.998	50.007	28.48	0.268	0.016303	15785	12.542	87.655
13.7033	3.0139	49.999	50.001	49.998	28.59	0.267	0.006267	15785	12.643	87.862
13.6946	3.00456	49.993	49.996	49.998	28.6	0.267	0.006962	15785	12.683	88.247
13.6888	3.00513	49.998	50.003	49.998	28.76	0.281	0.013149	15785	12.884	87.968
13.6539	2.99607	49.996	50	49.995	28.61	0.282	0.014608	15785	12.844	88.535
13.6724	3.00008	49.999	50.004	50.007	28.73	0.268	0.009546	15785	12.773	89.411
13.6571	2.99809	50.001	50.002	50.001	28.74	0.281	0.018029	15785	12.683	90.25
13.6606	2.99647	50.002	50	50.005	28.62	0.287	0.020029	15785	12.502	91.012
13.6616	3.00406	50.006	50.002	49.998	28.62	0.269	0.013089	15785	12.33	91.86
13.6659	3.00766	50	50.001	50.002	28.67	0.274	0.014541	15785	12.421	92.107
13.687	3.00298	50.002	49.999	50.003	28.98	0.265	0.01077	15785	12.663	91.633
13.6764	3.00431	49.999	50	49.999	29.27	0.268	0.011964	15785	13.388	89.701
13.6691	3.00237	49.999	50.009	50.003	29.31	0.274	0.013292	15785	13.891	88.724
13.709	3.00555	50.002	50.005	50.001	29.22	0.265	0.025103	15785	14.645	86.541
13.6708	3.0019	50	50.002	50.003	29.12	0.268	0.016405	15785	15.651	82.725
13.6827	3.00591	49.998	49.996	50.002	28.74	0.26	0.030982	15785	16.606	79.409
13.6599	2.99841	50	50.002	50	28.54	0.252	0.020246	15785	17.35	78.225
13.6895	3.00472	50	49.998	49.998	28.65	0.268	0.038238	15785	16.687	80.141
13.7122	3.00935	49.999	50.002	49.996	29.89	0.265	0.024988	15785	16.254	81.666
13.6678	2.99556	50.005	50.002	49.997	29.95	0.27	0.01633	15785	15.902	83.768
13.6525	2.99823	49.993	49.998	50	29.4	0.278	0.03084	15785	15.651	84.93
13.6818	3.00663	50	49.999	49.996	29.23	0.268	0.017783	15785	15.259	86.091

13.6801	2.99634	50	49.998	49.999	30.34	0.274	0.011621	15785	14.696	87.874
13.673	2.99752	50	50.002	50.001	29.94	0.268	0.008607	15785	14.122	89.289
13.6678	2.99648	50	50.001	50.003	29.86	0.265	0.014343	15785	14.102	89.536
13.6926	3.00425	50	50.002	49.999	29.93	0.268	0.010622	15785	13.991	88.911
13.6714	2.99625	49.998	49.995	50.001	29.96	0.265	0.011801	15785	13.599	90.027
13.6728	3.00862	49.999	49.998	50.006	29.9	0.275	0.022287	15785	13.206	91.282
13.6672	2.99957	50	49.999	50.005	29.34	0.274	0.014565	15785	13.015	92.851
13.645	2.99785	49.997	49.997	49.995	29.22	0.267	0.01618	15785	12.924	93.418
13.6668	3.00549	49.998	49.997	49.999	29.14	0.276	0.010574	15785	12.924	90.716
13.6879	3.00249	50.001	49.994	50	28.71	0.275	0.011747	15785	12.743	92.274
13.66	2.99476	50.001	50.002	50	29.1	0.287	0.01305	15785	12.683	93.092
13.6769	2.99909	50.002	50.001	49.995	29.22	0.273	0.005017	15785	13.106	90.807
13.6586	2.99478	49.997	50	49.997	30.37	0.266	0.016106	15785	13.911	86.744
13.6499	2.99029	49.999	50.003	50.002	29.53	0.272	0.010525	15785	14.816	82.488
13.7034	3.0114	50.001	49.997	49.999	28.55	0.264	0.011693	15785	16.465	75.928
13.664	3.00528	49.999	49.999	50	27.84	0.26	0.014723	15785	17.983	67.701
13.6713	3.00221	50.005	50	50.002	27.85	0.258	0.016356	15785	20.784	56.438
13.6588	2.99652	49.995	49.998	49.998	28.01	0.245	0.012114	15785	20.674	55.283
13.6597	2.9985	49.999	50.003	49.998	27.95	0.263	0.013458	15785	22.099	51.951
13.6805	3.00628	50	50.002	49.997	28.28	0.243	0.016944	15785	22.69	48.868
13.6868	3.00947	50.003	49.999	50	28.35	0.262	0.006513	15785	23.402	45.67
13.6497	3.00293	50.004	50.003	50.002	28.55	0.251	0.013941	15785	22.69	48.578
13.6658	2.9962	50.002	50.001	50	29.02	0.278	0.015488	15785	17.43	69.032
13.6783	3.00318	50.004	49.999	49.999	30.61	0.263	0.017206	15785	15.661	78.335
13.6569	2.99445	49.997	49.999	49.997	30.63	0.273	0.032496	15785	14.515	85.58
13.6806	3.00251	49.998	50.001	50.002	30.03	0.27	0.021236	15785	13.005	90.06
13.6575	2.99358	50.002	50.001	49.996	29.51	0.275	0.012245	15785	12.28	93.18
13.6406	2.99797	50.004	50.001	50.003	29.33	0.268	0.013603	15785	13.297	90.994
13.674	3.00122	50.002	49.999	49.999	29.54	0.269	0.015113	15785	13.599	90.549
13.6625	3.00073	50.003	49.998	49.993	29.91	0.267	0.016789	15785	13.307	91.106
13.6489	2.99803	50.004	50.001	49.998	29.91	0.266	0.031708	15785	12.995	91.632
13.6589	3.00298	50	49.998	50.004	29.81	0.275	0.010755	15785	12.733	92.094
13.7041	3.00178	50	49.999	50	29.78	0.274	0.011948	15785	12.391	92.753
13.6436	2.99939	50.002	50	50.005	29.31	0.274	0.022565	15785	11.787	94.282
13.6593	3.00039	50.001	49.997	49.999	29.11	0.274	0.014746	15785	11.414	94.395
13.6917	3.01268	50.002	50.003	50.002	29.1	0.274	0.02785	15785	12.381	93.773

13.6594	2.99206	49.999	49.999	49.998	28.65	0.265	0.0182	15785	15.339	84.031
13.6796	2.99487	49.999	50.005	50.002	28.02	0.258	0.038955	15785	19.911	67.82
13.6837	2.99867	50	50.004	49.995	27.86	0.253	0.014975	15785	21.768	58.781
13.6655	2.99737	50	49.998	50.005	27.89	0.25	0.054489	15785	23.472	51.786
13.6739	2.99791	50	50.003	50	27.85	0.247	0.035608	15785	24.585	48.232
13.6445	2.99016	49.998	50.001	50.006	27.9	0.254	0.013688	15785	25.497	40.43
13.6244	2.98412	49.997	49.999	50.002	27.97	0.246	0.043947	15785	25.567	41.387
13.6515	2.99394	50.001	49.999	49.999	28.46	0.265	0.032548	15785	24.725	43.44
13.6894	3.00337	50.001	50.004	49.998	28.53	0.248	0.061471	15785	24.384	50.469
13.6477	2.9938	50.006	50.003	50	28.6	0.27	0.02363	15785	22.139	54.031
13.7042	3.01235	49.996	50.007	49.999	29.53	0.269	0.029752	15785	18.525	69.288
13.6734	2.99811	49.996	49.999	50.004	30.28	0.263	0.056189	15785	16.083	78.99
13.6838	2.99836	50	50.002	49.998	29.91	0.286	0.0216	15785	14.424	85.898
13.6963	3.01239	50.002	49.999	49.997	28.92	0.277	0.014115	15785	13.528	88.125
13.6839	3.00863	50.006	50.004	50.001	28.16	0.272	0.013836	15785	12.663	90.447
13.681	3.001	50.005	50.005	50.003	27.78	0.291	0.015371	15785	11.938	91.976
13.6876	2.99943	49.996	50.002	50.003	27.23	0.272	0.019354	15785	11.464	92.666
13.6863	3.00314	50	49.996	49.997	26.62	0.271	0.00744	15785	10.87	93.436
13.6721	3.00824	50.004	50.002	50.002	26.47	0.283	0.009367	15785	10.266	94.086
13.6878	3.00373	50.001	50.006	50	26.31	0.271	0.017691	15785	10.064	94.629
13.6816	3.00664	50	50	50	26.01	0.285	0.007707	15785	9.661	94.64
13.6442	3.00109	50.003	49.999	50.001	25.94	0.265	0.014556	15785	9.096	94.946
13.6871	3.00352	50.004	50.005	49.995	25.83	0.272	0.010781	15785	8.864	95.298
13.6485	2.99887	50.005	50.002	49.999	27.16	0.278	0.02036	15785	10.255	94.844
13.6748	3.00386	49.997	50.001	50.002	28.53	0.271	0.038452	15785	14.806	84.879
13.6702	3.00222	50.002	50.003	50.007	28.02	0.258	0.028479	15785	17.39	77.138
13.6462	2.9931	50.003	49.995	50	27.84	0.259	0.018611	15785	20.564	66.014
13.659	3.00088	50	50.001	49.998	27.85	0.256	0.039835	15785	22.771	59.055
13.646	2.99311	50.003	50.005	49.999	27.85	0.256	0.015313	15785	22.901	57.67
13.6414	2.99044	50.002	49.999	50	27.9	0.251	0.02892	15785	24.184	54.599
13.6449	2.9937	50.002	50.003	50	28.14	0.252	0.011117	15785	23.452	57.537
13.6678	2.99389	49.999	49.998	49.999	27.89	0.254	0.013997	15785	24.966	51.698
13.6655	2.99914	50.001	49.997	50.001	28.18	0.256	0.026435	15785	24.585	54.31
13.6425	2.98903	49.998	50.005	50.001	28.6	0.261	0.049925	15785	23.031	60.91
13.673	3.00327	49.999	50.001	49.992	28.68	0.266	0.012794	15785	22.159	64.1
13.6866	3.00637	50.006	50	49.996	29.05	0.269	0.014214	15785	19.359	79.609

13.6988	3.00835	50.001	50.005	49.999	28.74	0.254	0.015791	15785	19.319	82.948
13.675	3.00123	49.994	49.997	50.006	28.83	0.266	0.029823	15785	17.37	86.711
13.6789	2.99835	50.001	49.998	50.002	30.61	0.263	0.019489	15785	17.069	87.336
13.6434	2.99612	50	50.001	49.999	30.34	0.276	0.024538	15785	16.667	82.978
13.6518	2.99924	50.003	49.998	50.003	30.3	0.265	0.016035	15785	15.882	84.013
13.6818	3.00699	49.993	50	49.999	30.6	0.273	0.017814	15785	15.239	82.83
13.6737	3.00081	49.999	50.003	49.997	30.5	0.269	0.019791	15785	14.756	84.48
13.6833	3.00221	50.002	50.002	49.999	29.91	0.276	0.021986	15785	13.951	83.298
13.666	3.00247	49.998	50	50.003	29.22	0.27	0.008452	15785	13.528	83.666
13.6617	2.99353	50	49.999	50.003	29.11	0.273	0.015962	15785	13.669	83.936
13.6625	2.99342	50.001	49.998	50.003	28.53	0.272	0.015647	15785	12.945	80.135
13.6652	3.00455	50.005	50.002	50	27.84	0.273	0.0197	15785	12.492	75.062
13.6826	2.9977	50.001	49.998	50.001	27.88	0.271	0.007573	15785	12.864	72.797
13.6827	3.0065	50.003	50.003	50.004	29.22	0.268	0.014302	15785	14.032	64.775
13.6858	3.00531	50.003	50.003	50.001	29.37	0.272	0.009346	15785	14.062	65.291
13.6615	3.00279	50.003	50.001	50.001	30.17	0.274	0.017652	15785	13.83	66.542
13.6655	2.9994	50	49.996	49.999	29.21	0.282	0.006785	15785	15.842	58.713
13.693	3.01049	50.001	49.999	49.998	28.53	0.278	0.007538	15785	16.204	56.341
13.6656	3.00616	50.001	50.006	50.002	29.23	0.274	0.014237	15785	15.168	58.282
13.6738	3.00192	49.996	49.999	50.001	29.26	0.277	0.026888	15785	15.078	59.157
13.665	2.99449	50.003	50.003	49.999	30.58	0.282	0.019914	15785	14.706	58.093
13.6793	3.0035	50.001	50.006	49.998	30.11	0.287	0.013014	15785	13.971	58.749
13.6712	3.00585	49.999	49.999	50.001	29.44	0.29	0.024577	15785	13.206	62.64
13.6512	2.99528	49.998	49.999	49.999	28.56	0.265	0.005558	15785	11.152	71.213
13.6506	2.99802	50.004	49.996	49.999	26.6	0.273	0.010496	15785	9.066	78.643
13.681	3.00465	50.005	50	49.999	24.86	0.272	0.022466	15785	7.16	84.222
13.6931	3.00011	50.005	50.002	50.002	23.62	0.296	0.014681	15785	6.252	91.698
13.6859	3.00623	50.002	49.998	49.999	23.69	0.288	0.018485	15785	4.757	92.269
13.6499	2.9928	49.997	50.003	49.997	23.73	0.273	0.01208	15785	5.272	94.431
13.6882	3.00547	50.001	49.998	50.002	23.72	0.276	0.022814	15785	4.737	93.919
13.6756	2.99808	49.997	50.002	49.999	24.18	0.283	0.016896	15785	4.03	94.21
13.6755	2.99777	50.002	50	50.011	24.43	0.284	0.031911	15785	3.06	93.699
13.6549	2.99384	49.996	50.006	50.001	24.4	0.291	0.012267	15785	2.777	94.465
13.6716	2.99814	49.998	50.003	50	24.61	0.284	0.026256	15785	1.928	94.308
13.6817	3.00108	50.005	49.999	49.994	24.98	0.298	0.010093	15785	1.706	94.84
13.643	2.98822	50	49.998	50.006	24.4	0.281	0.007475	15785	6.06	91.753

13.6512	3.00087	50.007	50	50.001	27.86	0.264	0.024	15785	10.497	79.899
13.6349	2.99376	50	50.004	49.999	27.99	0.269	0.015684	15785	13.629	70.365
13.6544	2.99882	49.997	50	49.996	28.41	0.266	0.006833	15785	14.836	63.429
13.6677	3.00227	49.999	49.999	50	28.29	0.26	0.007591	15785	16.204	53.969
13.6817	2.99995	49.997	50.001	50.001	28.45	0.266	0.016248	15785	17.27	50.486
13.6883	3.00296	49.999	50	50.004	28.53	0.265	0.020457	15785	18.053	46.65
13.6759	3.00294	50.002	50.006	50.004	28.53	0.261	0.038635	15785	18.867	44.613
13.6619	3.00215	49.996	49.996	50.002	28.56	0.267	0.009901	15785	18.093	49.335
13.6726	3.00114	49.997	49.999	50	28.87	0.271	0.036027	15785	17.943	48.778
13.6729	3.00837	50.002	49.995	49.994	29.91	0.269	0.026683	15785	15.701	54.965
13.6598	3.00314	50.004	49.998	49.996	29.31	0.276	0.015386	15785	13.327	62.946
13.6759	3.00303	50.003	49.999	49.997	28.04	0.288	0.019372	15785	12.361	68.738
13.6572	2.99738	50.002	49.995	49.999	26.76	0.277	0.036585	15785	10.326	75.526
13.6614	3.00362	50.002	49.999	50.001	25.65	0.275	0.015939	15785	10.054	76.948
13.6957	3.00681	50.004	50.004	49.996	25.14	0.278	0.020068	15785	9.6	79.995
13.6577	2.9956	50.002	49.998	49.999	24.45	0.292	0.013114	15785	9.58	80.677
13.6689	2.99926	50.008	49.996	50.002	24.42	0.274	0.014569	15785	9.752	79.238
13.6573	3.00153	50.006	49.999	50.003	24.45	0.279	0.016186	15785	10.467	77.516
13.6809	2.99995	49.998	50.002	50.002	24.45	0.282	0.017981	15785	9.6	80.901
13.6714	2.99856	49.997	50	49.999	24.09	0.29	0.02264	15785	9.046	83.443
13.6653	2.99388	50.003	50	49.997	23.85	0.281	0.014795	15785	9.288	82.931
13.6656	2.99792	49.996	50	50.004	23.76	0.276	0.018628	15785	8.995	83.862
13.672	3.00153	49.997	49.999	49.999	23.71	0.281	0.023454	15785	8.713	85.243
13.6556	3.00044	49.999	50.003	50.004	24.95	0.283	0.015327	15785	9.983	82.32
13.6766	2.99816	50.002	50.003	49.994	28.54	0.261	0.017027	15785	13.428	72.512
13.684	2.9972	50.009	49.995	50.005	28.14	0.258	0.021439	15785	17.33	60.191
13.6798	3.00079	49.993	50.003	50.002	27.84	0.271	0.023817	15785	20.162	52.413
13.6495	2.99232	50.003	50.004	49.998	27.83	0.258	0.009156	15785	23.242	46.339
13.694	3.00089	50.001	49.998	49.992	27.84	0.262	0.033314	15785	24.274	43.056
13.6735	3.00394	49.999	49.998	50.002	27.85	0.263	0.03701	15785	25.316	43.607
13.6896	2.99936	49.999	50.005	50	27.84	0.246	0.024186	15785	26.097	41.172
13.6538	2.9984	49.998	49.992	50	27.9	0.261	0.015805	15785	25.957	40.818
13.6574	2.99811	50.004	49.997	50.003	28.3	0.245	0.011706	15785	25.376	41.837
13.6621	3.00276	50.001	49.999	49.998	28.4	0.258	0.013005	15785	23.432	43.825
13.679	3.00284	49.999	49.998	50.001	28.75	0.259	0.014447	15785	21.186	48.421
13.6694	2.99889	49.997	49.995	49.999	29.38	0.261	0.027285	15785	19.098	53.048

13.68	3.00738	50	50.002	49.999	30.19	0.269	0.020208	15785	17.983	58.176
13.6432	2.99952	50.002	50.002	50	29.23	0.278	0.013206	15785	18.144	58.259
13.6782	3.00377	49.992	50.003	50.004	30.09	0.272	0.024941	15785	17.511	61.635
13.6426	2.9923	50	50	49.999	30.01	0.27	0.009588	15785	16.868	65.521
13.6486	2.99367	50.01	49.996	49.998	29.92	0.263	0.006265	15785	16.888	67.365
13.6929	3.00765	50	50.003	49.999	29.92	0.276	0.034197	15785	16.677	70.141
13.6519	2.99876	50	50.002	50.003	29.8	0.267	0.013146	15785	16.154	72.987
13.6621	3.00395	49.998	50	50.003	29.33	0.266	0.014604	15785	15.631	75.859
13.6606	2.99866	50.003	49.996	50	29.22	0.27	0.018387	15785	15.38	78.044
13.6669	3.00031	50	49.999	50.002	28.76	0.264	0.020427	15785	14.937	81.247
13.6847	3.00226	49.998	50	50.002	28.74	0.275	0.022694	15785	14.836	83.407
13.707	3.00882	49.996	49.999	49.996	29.22	0.278	0.016808	15785	16.124	83.079
13.6906	3.00184	50	50	50.004	28.14	0.265	0.053963	15785	18.997	69.542
13.6709	3.00586	50.007	49.993	50.003	27.84	0.254	0.101914	15785	20.232	51.006
13.6903	3.00467	50.004	49.999	49.999	28.19	0.255	0.015363	15785	20.152	44.076
13.6795	3.0005	49.998	50.002	50	28.49	0.251	0.055903	15785	19.319	44.078
13.6477	2.99594	50	50.001	49.998	28.75	0.271	0.070386	15785	19.66	44.215
13.6693	3.00104	50.002	50.003	49.997	27.94	0.254	0.027057	15785	22.811	34.716
13.6807	2.9991	50.005	49.999	50.002	27.87	0.267	0.020039	15785	24.615	27.284
13.6481	2.99731	50.003	49.999	50.002	28.04	0.25	0.037846	15785	23.653	29.85
13.6948	3.00155	49.996	49.998	49.999	28.45	0.252	0.081006	15785	22.239	33.242
13.6599	2.99592	49.994	50.004	50.003	28.56	0.265	0.052937	15785	19.178	42.682
13.6568	2.99556	50.003	50.001	50.001	29.64	0.276	0.039207	15785	17.671	46.282
13.6961	3.00579	50.002	49.998	49.993	29.3	0.277	0.043556	15785	17.45	46.319
13.6482	2.99094	50.003	49.997	49.999	30.6	0.261	0.05484	15785	17.189	48.838
13.6744	2.99493	49.999	50.001	49.997	30.53	0.276	0.060924	15785	17.109	48.828
13.6829	3.0018	49.995	49.996	50.002	30.19	0.265	0.195605	15785	15.52	52.244
13.6818	2.99636	50.001	49.997	50	28.65	0.266	0.050128	15785	13.7	56.571
13.6776	3.00181	49.995	49.997	49.995	27.48	0.276	0.01927	15785	12.049	59.153
13.6456	3.0014	49.998	50.005	49.996	26.43	0.275	0.014272	15785	10.82	63.744
13.6821	3.00835	49.999	50.004	49.996	25.67	0.276	0.026954	15785	10.427	66.105
13.6552	2.99666	50	50.001	49.994	25.15	0.274	0.011743	15785	10.729	65.158
13.6553	3.00118	49.997	50.01	50.006	25.07	0.271	0.007674	15785	10.346	66.229
13.6577	2.99331	50.002	50.004	49.998	24.63	0.273	0.014493	15785	10.084	66.513
13.6605	2.99616	50.005	49.998	49.998	24.4	0.28	0.009471	15785	9.721	67.052
13.6736	2.99712	49.992	50	50.001	24.2	0.271	0.006189	15785	9.822	66.933

13.6679	3.00359	49.997	49.998	50.006	25.09	0.27	0.004045	15785	10.306	65.474
13.6751	3.00484	49.999	50.005	49.999	27.2	0.283	0.025019	15785	11.404	61.137
13.6875	3.0042	50.002	50.001	49.999	28.16	0.277	0.01635	15785	12.985	56.85
13.6658	2.99777	49.995	50	50	28.08	0.275	0.007123	15785	14.525	53.487
13.6903	2.99916	49.993	50.004	50	28.51	0.265	0.013453	15785	16.154	49.776
13.6596	3.00055	49.997	49.996	49.999	28.06	0.257	0.04895	15785	17.621	47.046
13.6619	3.00027	49.994	49.997	50.001	28.24	0.259	0.021326	15785	17.551	46.749
13.6986	3.00903	49.998	50.003	50.004	28.68	0.255	0.045646	15785	18.033	46.197
13.6854	3.00232	49.996	50.001	49.997	29.2	0.275	0.019886	15785	17.129	47.687
13.6933	3.00506	50.001	49.998	50.001	28.73	0.267	0.022093	15785	16.677	49.278
13.6691	2.99937	49.994	49.996	50	29.42	0.273	0.041724	15785	12.703	57.49
13.6606	2.99664	50.001	50.003	50.003	27.17	0.271	0.052534	15785	10.266	63.65
13.6664	2.99713	50.005	49.997	49.996	25.25	0.279	0.020194	15785	9.318	65.963
13.6838	3.00152	50	50.002	50.009	23.85	0.289	0.043225	15785	7.321	72.492
13.6771	3.00255	49.999	49.993	50.005	23.03	0.277	0.028247	15785	6.12	76.694
13.6726	3.00244	49.999	49.993	50	24.23	0.293	0.031381	15785	4.636	83.579
13.6861	3.00578	49.998	49.997	50.005	24.4	0.286	0.012063	15785	3.869	83.719
13.6766	3.00304	49.993	49.995	49.995	24.55	0.28	0.043894	15785	3.97	85.381
13.6917	3.00797	50.003	50	50	24.52	0.283	0.011249	15785	3.353	86.791
13.677	3.00291	49.999	50	49.996	24.4	0.274	0.021245	15785	2.838	89.952
13.6917	3.00537	50.001	50.001	50.005	24.43	0.276	0.009255	15785	3.646	87.394
13.6626	2.99628	49.996	49.995	50	25.01	0.296	0.010282	15785	1.706	90.913
13.654	2.9973	50	50.003	50.003	25.13	0.286	0.037414	15785	1.129	92.401
13.6644	3.00001	50	50.001	50.002	24.23	0.295	0.00846	15785	4.293	86.89
13.6562	3.0012	50	50.001	50.001	28.39	0.269	0.010652	15785	8.552	76.783
13.673	3.00433	50.001	50	49.998	28.02	0.261	0.020117	15785	12.703	55.524
13.6864	3.00264	50	50.001	50.001	27.91	0.267	0.025329	15785	14.213	45.478
13.6938	3.00056	49.998	50.001	50.001	27.92	0.265	0.016552	15785	15.329	42.773
13.6679	2.99596	50.001	50.003	49.997	28.35	0.262	0.020841	15785	16.938	41.514
13.6665	3.00115	50.001	50.001	49.998	28.42	0.259	0.02624	15785	17.812	34.97
13.6632	3.00213	49.998	49.999	50.001	28.38	0.272	0.019434	15785	18.435	33.59
13.6644	3.0011	50.004	49.999	49.997	28.76	0.256	0.34742	15785	18.335	34.13
13.6737	3.00351	50.002	49.998	50.001	28.61	0.268	0.006271	15785	17.481	34.598
13.6451	2.9943	50.004	49.998	50.003	29.91	0.281	0.168151	15785	14.877	42.233
13.6765	3.00264	50.004	50.001	49.993	28.64	0.271	0.043092	15785	11.605	51.154
13.6868	3.00064	50.001	50.002	50.002	26.47	0.28	0.028161	15785	8.935	59.904

13.6728	3.00132	50.001	50.002	49.997	24.86	0.289	0.020857	15785	7.049	67.596
13.6766	3.00144	49.999	49.998	49.995	23.72	0.297	0.015447	15785	6.948	75.792
13.692	3.00615	49.998	50.007	50.005	23.03	0.279	0.017161	15785	6.928	76.44
13.6755	3.00188	49.997	50.004	50.005	23.19	0.289	0.019065	15785	6.887	76.056
13.6944	2.99976	50.005	49.997	49.993	23.72	0.284	0.007329	15785	5.525	81.472
13.6289	2.99008	50.001	50.001	50.003	23.68	0.301	0.045333	15785	5.737	82.416
13.6734	2.99983	50	49.999	50.003	24.81	0.295	0.029625	15785	5.161	84.463
13.6734	3.00299	49.998	49.996	50.001	23.92	0.278	0.021941	15785	5.04	82.699
13.675	3.0023	49.999	50.002	49.999	24.36	0.286	0.024375	15785	4.555	84.272
13.6752	2.99582	50.004	50	49.999	24.5	0.288	0.03069	15785	4.899	83.826
13.6783	3.0028	49.996	50.001	49.996	23.72	0.285	0.038641	15785	6.363	82.608
13.653	2.99628	49.995	50	50.004	23.42	0.279	0.025252	15785	7.987	79.05
13.6663	3.00389	50.005	50.002	50.002	26.47	0.28	0.028053	15785	11.837	63.181
13.6849	3.00568	50	49.999	50.003	28.67	0.274	0.035321	15785	14.172	54.744
13.6494	2.99447	50.002	49.999	49.992	29.21	0.274	0.044471	15785	15.5	49.596
13.6413	2.99331	50	49.999	49.997	28.42	0.269	0.049405	15785	16.737	45.815
13.6673	3.004	49.998	50.003	50.001	28.23	0.255	0.021524	15785	19.058	38.747
13.6804	3.00195	50.002	49.996	50.002	28.02	0.257	0.04607	15785	21.045	33.551
13.6791	3.00275	49.999	49.998	49.997	28.47	0.256	0.020071	15785	21.306	29.306
13.6776	3.00302	50	49.997	49.998	28.44	0.265	0.073033	15785	21.467	23.811
13.6647	2.99477	50	50.001	49.999	28.62	0.255	0.091954	15785	19.65	20.346
13.6773	3.00026	49.998	50.001	50	29.22	0.276	0.035348	15785	16.425	19.64
13.6776	3.00027	49.999	50.001	49.997	28.55	0.284	0.075659	15785	13.136	32.156
13.6723	3.00495	50.009	49.998	49.996	26.47	0.277	0.029084	15785	9.6	40.769
13.7074	3.01379	50.008	50.002	50.002	24.4	0.287	0.036619	15785	7.745	47.163
13.649	2.99129	50.006	49.997	50.006	23.98	0.296	0.02393	15785	8.169	47.715
13.6412	2.99211	49.999	50.001	50.003	24.34	0.288	0.026585	15785	5.636	56.786
13.6848	3.00567	49.995	49.999	49.996	24.47	0.277	0.033472	15785	5.081	60.61
13.6771	3.00426	49.998	50	50.005	25.03	0.3	0.021874	15785	4.343	64.261
13.649	2.99587	50	50	50.004	24.88	0.286	0.04682	15785	3.384	68.567
13.6748	2.99604	49.996	50	50	24.99	0.288	0.052014	15785	3.05	72.13
13.6392	2.99369	49.996	50.004	49.997	25.46	0.287	0.022661	15785	2.272	75.31
13.6602	3.00243	50.004	49.998	49.997	25.09	0.298	0.014809	15785	1.867	77.615
13.6478	2.99679	50	50.001	50.003	25.12	0.297	0.018645	15785	1.625	79.874
13.6886	3.00736	49.999	50.002	49.996	25.31	0.3	0.035213	15785	1.22	81.3
13.6706	3.00227	50.004	49.998	50	24.95	0.289	0.03912	15785	3.626	76.558

13.7004	3.0079	50.003	49.998	50	27.21	0.275	0.010025	15785	7.008	64.011
13.6701	3.00232	50.001	50.002	49.994	29.22	0.281	0.036479	15785	9.258	54.004
13.6591	2.99706	49.994	50.002	50.004	28.53	0.288	0.008249	15785	10.779	47.985
13.6807	3.00343	49.997	49.998	49.999	28.52	0.273	0.017656	15785	11.605	44.496
13.6629	3.00091	49.997	50.004	50.004	28.85	0.275	0.033345	15785	12.441	42.508
13.6891	3.01043	49.996	50.002	50.001	29.22	0.277	0.037044	15785	12.562	37.217
13.6881	2.99984	50.002	49.996	49.999	29.55	0.275	0.027436	15785	12.391	32.226
13.6762	2.9957	50.003	50	50.003	29.41	0.283	0.017929	15785	12.502	36.212
13.6607	3.00473	50.004	50.001	50.002	29.94	0.28	0.011717	15785	11.676	33.921
13.6809	3.0034	50.001	50	49.996	28.87	0.28	0.022128	15785	9.207	38.975
13.6621	3.00069	50.003	49.998	50	25.09	0.289	0.016389	15785	5.969	47.831
13.639	2.99344	49.998	50.006	50.007	25.14	0.294	0.030952	15785	3.788	55.725
13.6702	3.00389	49.997	50.006	50.004	25.16	0.3	0.022924	15785	2.12	63.246
13.7213	3.00994	50.002	50	49.996	25.44	0.299	0.025467	15785	1.2	67.052
13.6683	3.00134	49.997	49.996	49.994	25.1	0.299	0.032065	15785	0.33	72.667
13.6313	2.99409	49.996	50.001	50.001	25.42	0.299	0.102947	15785	0.34	74.04
13.682	3.00183	49.995	49.998	49.999	25.59	0.292	0.023279	15785	-0.641	76.876
13.6787	3.00208	50.002	50	49.997	25.23	0.289	0.025861	15785	-1.076	77.9
13.6544	3.00233	49.998	50	49.999	25.19	0.298	0.083031	15785	-0.904	77.677
13.697	3.00417	49.998	50.001	49.998	26.02	0.304	0.012517	15785	-2.058	80.976
13.6685	2.9982	50.006	50	50.002	26.35	0.299	0.013905	15785	-2.626	81.025
13.6633	3.00073	50.001	50.003	50.005	26.07	0.298	0.029763	15785	-3.517	82.986
13.6593	2.99524	50.006	50.001	50.007	26.45	0.318	0.033065	15785	-3.963	83.055
13.6933	3.00465	50.003	50	49.995	25.06	0.3	0.021608	15785	-1.694	78.937
13.6768	2.99927	49.997	49.997	50.001	25.14	0.296	0.009414	15785	3.283	60.793
13.6751	3.0064	50	49.999	50.007	28.53	0.303	0.017779	15785	6.09	46.955
13.6525	2.99088	50.002	50	50	29	0.287	0.033578	15785	7.987	33.708
13.6783	3.00243	49.997	49.994	49.992	28.71	0.28	0.024868	15785	9.046	32.77
13.6617	2.99461	50	49.998	49.998	29.02	0.273	0.046967	15785	10.507	32.193
13.7097	3.00116	50.001	50	49.991	29.24	0.273	0.052177	15785	10.991	33.048
13.6458	2.99872	50.001	49.999	49.998	29.65	0.272	0.020057	15785	11.626	31.477
13.6554	2.99493	50	49.995	49.998	29.56	0.286	0.00771	15785	11.877	31.67
13.681	3.00281	50	49.998	50.006	30.55	0.284	0.021842	15785	11.233	32.123
13.6935	3.00282	49.995	50	49.993	29.85	0.287	0.014274	15785	8.915	38.618
13.6627	3.00079	50.01	49.998	49.997	25.31	0.281	0.026958	15785	5.343	47.932
13.68	3.00188	50.005	49.997	50	24.95	0.309	0.019966	15785	3.767	55.055

13.6505	3.00137	50.001	49.999	49.999	25.8	0.297	0.037707	15785	2.989	58.041
13.6686	3.00197	49.999	50.002	50.001	25.32	0.287	0.024641	15785	2.262	62.913
13.6512	2.99987	50.001	49.998	49.996	25.9	0.284	0.010735	15785	1.281	68.51
13.6847	3.00094	49.994	50.001	50	25.23	0.295	0.011926	15785	0.411	72.011
13.6992	3.00623	50.001	50.004	50.002	25.78	0.3	0.022524	15785	-0.004	76.219
13.6749	3.00309	50.004	50.003	50.004	25.78	0.301	0.014719	15785	-0.56	77.753
13.6663	2.99691	50	49.996	50.001	25.82	0.3	0.027799	15785	-1.127	78.901
13.6774	3.00491	50.004	50.012	50.005	25.96	0.301	0.020589	15785	-0.763	76.586
13.69	3.00427	49.992	49.994	49.997	25.68	0.296	0.011872	15785	-0.945	75.557
13.6592	2.99797	49.999	50.007	50.003	26.2	0.3	0.043198	15785	-1.876	79.57
13.6927	3.00346	50.001	50.003	50.002	26.12	0.302	0.02823	15785	-1.775	78.146
13.6657	2.99954	49.995	49.997	49.998	25.09	0.298	0.031362	15785	0.391	72.581
13.6829	3.00738	50.007	50.004	50.001	27.15	0.302	0.020495	15785	5.161	60.289
13.6688	3.00286	50	50	50.003	28.51	0.271	0.015179	15785	9.298	42.151
13.6525	2.99565	49.995	50.003	49.999	28.48	0.267	0.028667	15785	12.3	33.845
13.6497	3.00238	49.995	49.998	50	28.07	0.272	0.031847	15785	14.736	30.545
13.6537	2.99243	50.005	49.999	50.002	28.54	0.279	0.023587	15785	14.987	28.799
13.6988	3.00324	50.004	50.003	50.003	28.6	0.268	0.017469	15785	15.882	27.75
13.696	3.00399	49.997	50.002	50.004	28.67	0.279	0.032992	15785	15.762	25.804
13.6874	3.00202	50.001	50.004	50	28.97	0.277	0.06231	15785	15.701	27.806
13.6604	3.00255	49.997	49.997	49.997	29.58	0.271	0.040719	15785	15.289	25.345
13.6843	3.00197	49.998	50.002	49.998	29.91	0.277	0.009207	15785	12.804	30.278
13.7382	3.0157	50.004	50.001	50.003	27.88	0.287	0.029562	15785	10.336	37.454
13.6462	2.99494	50	49.997	50	25.67	0.276	0.011364	15785	9.116	40.716
13.6795	3.00467	50.001	49.997	49.995	24.05	0.302	0.021462	15785	8.602	41.174
13.6579	2.99681	50.003	50.001	50.001	24.39	0.283	0.040533	15785	7.886	44.053
13.6679	2.99513	50.002	49.993	49.999	24.4	0.284	0.03002	15785	6.837	48.126
13.6667	2.99661	49.995	49.997	49.996	24.4	0.301	0.019618	15785	6.231	51.748
13.6738	3.00365	50.007	50.015	50.006	25.26	0.302	0.014529	15785	6.453	53.212
13.6706	2.99556	49.999	49.997	49.999	24.62	0.287	0.02744	15785	6.605	53.563
13.655	3.00183	49.996	50.004	50	24.41	0.287	0.011955	15785	6.353	55.177
13.6628	3.00128	49.999	50.007	49.998	25.09	0.292	0.013281	15785	7.422	51.223
13.6556	2.99488	49.999	49.999	49.993	24.06	0.294	0.008679	15785	7.523	51.083
13.6736	2.99868	50	49.993	49.996	24.99	0.295	0.016391	15785	7.321	53.039
13.6626	3.00252	49.994	50	49.995	24.09	0.303	0.035084	15785	8.219	49.351
13.635	2.99376	49.998	49.998	50.016	24.38	0.281	0.007933	15785	9.086	48.14

13.6703	2.99797	50.004	50.001	50.002	26.72	0.278	0.025471	15785	11.313	43.088
13.6772	3.00625	50	50	50.005	29.26	0.286	0.048105	15785	13.609	38.517
13.6568	2.99857	49.997	49.995	49.995	28.85	0.268	0.035628	15785	15.902	34.076
13.6955	3.00852	50.003	50.001	50.003	28.54	0.278	0.067286	15785	18.405	31.446
13.6981	3.00447	50.002	49.999	50.002	28.54	0.262	0.010143	15785	20.624	28.828
13.6449	2.9918	49.997	49.999	49.996	28.42	0.269	0.036909	15785	21.788	26.748
13.688	3.00228	49.999	50.003	50	28.22	0.272	0.069706	15785	22.811	27.434
13.6683	3.00069	49.997	49.992	50.001	28.53	0.26	0.026796	15785	22.45	28.902
13.679	3.002	49.998	50	50.002	28.65	0.27	0.019846	15785	21.948	30.311
13.6504	2.99708	49.996	50.001	50	28.81	0.266	0.042478	15785	20.303	33.691
13.6619	3.00126	49.999	49.997	50.004	30.41	0.277	0.03146	15785	18.515	37.817
13.6784	3.00652	50.004	49.999	49.997	30.6	0.266	0.03495	15785	18.003	37.631
13.6393	2.99263	49.995	49.995	50.001	30.01	0.281	0.038828	15785	17.481	37.847
13.66	2.99903	50.001	49.995	49.996	29.71	0.277	0.025374	15785	16.667	39.732
13.6772	3.00257	49.999	49.999	50.001	29.1	0.281	0.028189	15785	15.782	41.942
13.6967	3.00357	50.002	49.995	49.998	28.49	0.285	0.020877	15785	15.028	43.71
13.6929	3.00237	50.003	50.001	49.995	27.89	0.277	0.039429	15785	14.313	45.812
13.6565	3.00374	49.998	50.003	50	27.35	0.282	0.025767	15785	13.85	47.371
13.6769	2.99783	50	49.993	49.997	27.05	0.288	0.019084	15785	13.377	49.193
13.6959	3.00301	50.002	50.008	49.999	26.52	0.283	0.036041	15785	13.116	49.907
13.6699	2.99687	49.995	49.99	49.996	26.47	0.285	0.026693	15785	12.431	51.909
13.6454	2.99194	49.999	50	50	26.23	0.288	0.029655	15785	12.341	51.622
13.6406	2.99473	36.99	39.774	49.939	23.65	0.265	0	15785	18.284	37.929
13.6468	2.99566	50.001	50	49.998	27.85	0.254	0.064266	15785	22.119	30.713
13.6632	2.99756	50.005	49.999	50	28.15	0.255	0.071396	15785	22.821	29.923
13.6548	2.99162	50	49.996	49.997	28.42	0.266	0.052878	15785	23.933	29.162
13.6863	3.01093	50.003	50.002	50.002	28.67	0.273	0.034556	15785	22.7	30.691
13.6693	3.00399	50.003	50.002	49.999	28.54	0.25	0.043508	15785	23.252	32.074
13.67	2.99982	50.001	49.996	50	28.53	0.252	0.048335	15785	23.583	30.553
13.7013	2.99994	49.999	49.997	49.998	28.89	0.261	0.060857	15785	22.279	33.002
13.6457	2.99399	50.002	50.007	50	29.2	0.256	0.023394	15785	20.212	38.022
13.678	3.00761	50.001	49.996	50.003	29.91	0.277	0.14471	15785	16.445	67.876
13.6971	3.00293	49.998	50.001	49.996	29.21	0.272	0.011323	15785	13.8	87.68
13.6522	2.99793	49.999	49.994	50	29.3	0.284	0.021384	15785	13.377	92.35
13.684	3.00064	50.002	49.999	49.999	29.98	0.273	0.040385	15785	14.303	83.33
13.6884	3.00104	49.999	50	49.998	30.6	0.263	0.044866	15785	13.891	83.382

13.6741	2.99461	49.998	50	50	29.74	0.27	0.02932	15785	13.498	79.775
13.6632	2.99515	50.005	50.003	50.004	29.24	0.285	0.01916	15785	13.055	83.142
13.658	2.99952	50.004	50.001	49.997	28.53	0.277	0.014191	15785	13.347	81.862
13.673	3.00361	50.007	49.998	50	28.26	0.275	0.023647	15785	13.71	80.727
13.6713	2.99697	50.006	50.002	50.002	28.51	0.268	0.029774	15785	14.162	80.451
13.6323	2.99355	50.001	50.001	50.002	28.57	0.28	0.019457	15785	14.072	81.226
13.6801	2.99564	49.998	49.997	49.999	28.43	0.279	0.062469	15785	13.85	80.96
13.6374	2.99623	50.001	49.999	49.998	28.26	0.274	0.040823	15785	13.679	82.772
13.6584	2.99852	49.998	50.001	50.004	29.23	0.27	0.026678	15785	14.796	80.288
13.6584	2.99766	49.998	50.002	49.998	29.19	0.27	0.029638	15785	16.546	74.638
13.6645	3.0076	49.999	50.001	49.998	28.44	0.282	0.032926	15785	18.174	69.56
13.642	2.99352	50	50.004	49.999	28.09	0.258	0.036578	15785	21.136	61.804
13.6507	3.00371	49.995	50.002	50.001	28.04	0.262	0.046055	15785	22.961	53.33
13.6756	2.99901	50	50	50	27.94	0.26	0.030097	15785	24.254	49.905
13.6827	3.00326	50.005	50.003	50.006	28.1	0.26	0.033436	15785	24.304	50.747
13.6791	2.99781	50.003	49.999	50.005	28.41	0.247	0.02185	15785	23.833	52.248
13.6777	3.00286	50.003	49.994	49.997	28.23	0.265	0.046768	15785	23.893	53.395
13.6869	3.00671	50.002	49.999	49.995	28.54	0.255	0.030563	15785	21.687	58.678
13.6844	3.00175	50.001	49.997	49.995	28.94	0.261	0.019973	15785	19.459	65.161
13.6693	3.00334	50.003	49.999	49.996	29.2	0.271	0.03772	15785	17.249	73.549
13.6692	3.00142	49.996	50	50.002	29.96	0.271	0.047492	15785	15.561	80.404
13.6684	2.99764	49.996	50	50	29.9	0.278	0.018256	15785	14.756	85.397
13.6761	2.99988	50	50.001	49.997	30.6	0.27	0.020282	15785	13.226	88.005
13.6384	2.99416	49.995	50.002	50	30.61	0.269	0.022532	15785	14.605	87.735
13.7028	3.00619	50.001	50.003	50.001	30.86	0.276	0.025032	15785	14.504	88.898
13.6655	2.99677	49.998	49.999	49.997	30.6	0.288	0.027809	15785	13.82	89.809
13.6711	2.99709	49.999	49.996	50.005	29.94	0.277	0.030894	15785	13.096	88.158
13.6874	3.01037	49.997	49.995	50.003	29.52	0.268	0.020189	15785	12.361	89.603
13.6683	2.99752	50.001	49.998	50.004	29.22	0.286	0.038129	15785	12.592	85.981
13.6703	2.99895	50.001	49.999	50.004	28.83	0.276	0.072011	15785	12.27	85.147
13.663	2.99736	50	50.004	49.997	28.32	0.28	0.031373	15785	12.119	84.636
13.6773	3.0008	50.003	49.999	49.998	27.83	0.274	0.034853	15785	11.817	83.876
13.6679	3.0006	49.995	50.002	50.001	27.9	0.269	0.03872	15785	12.139	79.584
13.6637	3.0068	49.999	50.003	50.003	28.53	0.28	0.016869	15785	12.361	75.479
13.6548	2.99359	49.997	49.999	50	29.3	0.275	0.031858	15785	14.354	66.886
13.7122	3.00684	49.995	49.998	50.002	28.36	0.27	0.020819	15785	17.069	56.166

13.6821	3.00683	49.996	50.002	50.001	28.28	0.264	0.013605	15785	18.415	52.299
13.6752	2.99482	49.997	50.002	50.002	28.27	0.252	0.08416	15785	18.937	49.57
13.6805	3.00319	49.998	50.001	50.005	28.55	0.263	0.01903	15785	19.279	48.756
13.6843	3.00476	50.006	50.002	50	28.55	0.263	0.023961	15785	20.012	45.137
13.6506	2.99049	50.002	50	50.007	28.59	0.259	0.051286	15785	18.977	47.727
13.7064	3.0137	50.005	50.002	49.998	29.9	0.274	0.033515	15785	16.244	47.831
13.6918	3.00494	49.995	50.003	50.001	29.91	0.273	0.063297	15785	14.172	60.074
13.7112	3.01146	50	50.002	49.997	28.61	0.289	0.041364	15785	12.713	69.729
13.66	3.00062	50	50.001	49.996	27.22	0.279	0.030635	15785	11.374	74.343
13.6397	2.99824	50	50.003	49.997	26.31	0.275	0.034034	15785	10.507	79.304
13.6818	3.00045	49.999	50	50.002	25.83	0.288	0.013083	15785	10.658	77.481
13.6626	3.00204	50	49.997	49.996	25.45	0.285	0.024709	15785	10.487	75.044
13.6749	2.9974	50.001	49.997	50.001	25.13	0.28	0.016147	15785	10.346	72.198
13.6679	2.99875	49.998	50.002	50	25.05	0.283	0.030495	15785	10.024	73.759
13.704	3.00753	50.002	50.001	50	25.09	0.282	0.022586	15785	10.346	73.615
13.685	3.00313	50.001	50.005	50.006	25.09	0.282	0.01476	15785	10.447	68.004
13.6948	3.00419	49.998	50.004	50	25.32	0.288	0.016397	15785	10.165	66.5
13.7197	3.01227	49.996	50	49.998	25.71	0.279	0.052645	15785	10.165	66.748
13.662	3.00634	49.996	50.002	49.996	25.76	0.298	0.007936	15785	10.266	67.561
13.6599	3.00118	49.999	49.997	50.009	25.6	0.28	0.014988	15785	10.689	68.103
13.668	2.9952	49.999	50.001	49.998	26.45	0.281	0.028307	15785	11.525	65.549
13.6888	3.00407	50	50.003	50.005	27.16	0.284	0.031447	15785	12.33	64.228
13.648	2.99697	50	50.001	49.998	29.22	0.271	0.020551	15785	14.172	60.687
13.6714	3.00274	50.004	50	49.997	28.99	0.284	0.043987	15785	14.716	63.092
13.6589	3.00033	49.999	50.002	49.999	30.59	0.284	0.028745	15785	15.138	63.077
13.6579	2.99949	49.998	49.996	50	29.64	0.276	0.031934	15785	16.114	61.788
13.6626	3.00094	49.998	50	50.007	29.84	0.277	0.060311	15785	17.209	60.732
13.6456	2.99295	49.995	50.001	50	29.2	0.281	0.023184	15785	17.501	60.721
13.6695	2.99564	50	50	49.998	29.21	0.273	0.02919	15785	14.796	85.598
13.6555	2.99157	50.001	49.999	49.999	28.58	0.286	0.019076	15785	15.118	90.363
13.6668	2.99844	50.001	50.001	50	28.6	0.284	0.036026	15785	15.681	88.839
13.6904	3.00669	50	50.003	49.999	29.26	0.287	0.040023	15785	16.847	88.656
13.6479	2.99612	49.995	50.004	49.998	30.43	0.275	0.015385	15785	17.4	89.683
13.6406	2.99554	49.997	50	49.998	30.72	0.272	0.010054	15785	17.651	88.568
13.6769	3.00347	49.998	49.998	49.997	30	0.266	0.02152	15785	17.872	87.909
13.6596	2.99872	50.002	49.999	49.995	29.26	0.265	0.023908	15785	18.063	87.356

13.6756	3.00295	50.002	50.005	50.002	29.89	0.272	0.045152	15785	18.043	87.279
13.6794	3.0034	50.001	50.005	50.01	29.36	0.273	0.01021	15785	17.491	88.671
13.64	2.99179	50.002	50	49.998	30.46	0.269	0.021854	15785	17.169	90.068
13.6799	2.99763	49.996	50.003	49.999	30.57	0.273	0.041273	15785	17.008	90.792
13.709	3.00723	50.001	49.998	50.001	30.58	0.285	0.026971	15785	17.109	91.186
13.6461	2.99273	50.001	49.999	50.001	30.64	0.267	0.033959	15785	17.46	90.952
13.6678	2.99915	50.005	49.997	49.998	29.42	0.273	0.037726	15785	17.651	90.954
13.6972	3.00823	49.996	50.002	49.997	29.38	0.263	0.024654	15785	17.933	90.514
13.6467	2.99421	50	50.003	49.996	29.91	0.283	0.046562	15785	18.124	90.236
13.6632	2.99805	49.996	50	50.004	29.15	0.275	0.034485	15785	15.299	89.671
13.6993	3.00291	50	50	50.005	29.22	0.281	0.038311	15785	15.42	85.644
13.6672	2.9989	50.001	49.999	49.999	29.22	0.266	0.025036	15785	15.721	78.964
13.6838	2.99609	49.997	50.003	50.003	29.22	0.278	0.018542	15785	14.152	84.171
13.6783	3.0008	50	50	49.998	28.53	0.271	0.012117	15785	13.287	84.528
13.6821	2.99832	50.003	50.001	50.003	28.53	0.277	0.013462	15785	13.307	83.758
13.6574	2.99931	50.004	49.999	50.001	27.84	0.281	0.014955	15785	12.643	84.231
13.702	3.00173	50.002	50.004	49.999	26.91	0.28	0.028244	15785	11.666	87.344
13.6591	2.99459	50.002	50	50.003	26.27	0.274	0.006387	15785	11.434	84.332
13.6926	3.00386	50.002	49.993	49.998	25.9	0.289	0.012062	15785	10.981	82.837
13.6598	3.00459	50	50.001	49.998	25.36	0.284	0.008933	15785	10.608	75.892
13.6607	2.99643	49.998	50.007	50.005	25.18	0.287	0.016872	15785	10.437	74.828
13.6518	2.99685	49.996	50.001	50	25.13	0.296	0.018743	15785	10.064	78.135
13.6335	2.99024	50.002	50.008	49.997	25.5	0.283	0.020823	15785	9.913	76.942
13.6634	2.9983	50.003	50.003	49.996	25.09	0.281	0.013608	15785	8.582	78.141
13.6557	2.99818	49.996	50.002	49.999	23.71	0.3	0.008892	15785	6.595	84.32
13.6612	2.99988	50.004	50.002	49.99	24.68	0.291	0.019034	15785	4.757	89.464
13.673	3.00371	49.999	50.008	50.002	25.01	0.283	0.021145	15785	4.151	90.295
13.7045	3.00588	49.996	49.995	49.993	25.14	0.288	0.013818	15785	3.424	91.31
13.6854	3.0077	49.998	50.011	50.001	25.16	0.288	0.015351	15785	2.878	92.877
13.704	3.00834	50	49.998	49.996	25.08	0.302	0.006688	15785	1.807	94.092
13.6293	2.99221	49.998	50	50.001	25.03	0.284	0.014315	15785	1.584	94.943
13.675	3.00007	50.005	49.998	50.001	24.23	0.285	0.015903	15785	3	94.807
13.6861	3.00571	50.006	49.999	50	28.52	0.276	0.030035	15785	7.251	85.032
13.6566	2.99584	50.004	50	50	28.22	0.271	0.019628	15785	11.605	72.444
13.683	3.01194	50	49.999	50.003	28.29	0.281	0.024713	15785	13.438	63.451
13.6962	3.00234	50.011	50	50.001	28.38	0.266	0.027454	15785	14.585	44.433

13.6585	2.9998	50.002	49.997	50.001	28.51	0.259	0.088145	15785	15.902	44.556
13.6351	2.99391	49.999	49.995	49.999	28.53	0.264	0.057603	15785	15.862	42.572
13.6484	2.99191	50.002	50.004	49.998	28.57	0.261	0.063993	15785	16.375	39.036
13.6681	3.00199	50.001	49.997	50.002	29.01	0.261	0.047395	15785	17.018	37.162
13.6812	2.9997	49.999	49.997	49.999	29.19	0.265	0.052653	15785	15.601	37.155
13.6584	2.99597	49.997	50	49.999	29.89	0.274	0.02024	15785	12.924	49.166
13.6553	2.99324	50.004	49.995	50.002	28.65	0.278	0.025484	15785	10.699	58.766
13.6858	3.00656	50.005	50.004	49.997	26.24	0.296	0.048129	15785	8.007	78.809
13.6467	2.99362	49.998	50.004	50.003	24.09	0.281	0.031452	15785	6.575	85.741
13.6372	3.00031	49.997	50.002	50.001	23.95	0.291	0.013703	15785	7.261	68.818
13.6433	2.99695	50.008	49.998	49.998	24.57	0.298	0.008955	15785	6.675	70.826
13.6818	3.00568	50.001	50.008	50.005	25.55	0.282	0.055391	15785	6.373	70.739
13.6818	3.0025	50.002	49.999	50	24.41	0.293	0.036198	15785	5	80.088
13.6615	2.99473	50.002	50.001	50.004	25.1	0.29	0.040214	15785	3.848	89.316
13.6753	3.00312	49.999	49.999	50.002	25.08	0.305	0.044675	15785	3.697	92.359
13.6688	2.99974	50	49.999	50.002	25.85	0.296	0.011449	15785	2.636	93.34
13.6916	3.0022	49.998	50.002	50	25.72	0.3	0.012719	15785	2.808	92.797
13.6985	3.0043	49.998	50.001	50.007	25.45	0.297	0.024022	15785	3.08	89.247
13.6948	3.00607	49.999	50	50.003	25.09	0.298	0.017791	15785	2.939	90.042
13.6537	2.99825	50.002	50	49.998	24.59	0.292	0.011626	15785	4.767	82.635
13.6952	3.00571	50	50	49.994	27.63	0.277	0.021958	15785	7.866	76.538
13.6901	3.00122	49.999	49.994	49.991	29.18	0.273	0.024394	15785	10.507	69.399
13.6727	2.99874	49.997	49.995	50.005	29.21	0.277	0.078319	15785	12.643	61.972
13.6583	2.9977	50.002	50.004	50	28.67	0.28	0.020071	15785	14.675	53.049
13.6491	2.99423	49.999	49.998	49.998	28.66	0.264	0.037906	15785	16.073	41.844
13.6717	2.99839	49.993	50.002	49.996	28.62	0.27	0.042111	15785	16.516	41.466
13.667	3.00384	50	50.002	49.991	28.73	0.274	0.010792	15785	16.546	41.272
13.6844	3.0049	49.998	49.996	50	28.95	0.281	0.058903	15785	16.526	39.749
13.668	3.00126	49.998	49.994	49.996	29.85	0.269	0.038493	15785	15.46	45.372
13.6592	2.99899	49.997	49.994	49.998	29.91	0.279	0.042764	15785	13.267	51.473
13.6525	2.99674	50.004	49.998	49.996	28.37	0.275	0.018631	15785	11.756	57.198
13.6756	3.0023	50.003	50.003	50.001	27.03	0.282	0.020697	15785	11.283	64.864
13.6656	3.00017	50	50.002	50.001	25.99	0.278	0.022994	15785	10.628	68.605
13.665	2.9964	49.998	50	50.007	25.19	0.28	0.028951	15785	10.003	72.657
13.6505	2.99449	49.999	49.994	50.002	24.69	0.288	0.006546	15785	9.096	76.42
13.7165	3.00719	50.001	50.004	49.999	24.39	0.282	0.007273	15785	8.955	72.79

13.6758	2.99904	50	49.998	49.996	24.39	0.29	0.02335	15785	9.409	68.492
13.6526	2.99659	49.998	49.996	50.004	24.36	0.281	0.029399	15785	9.207	68.563
13.6678	2.99883	50.001	50	49.999	24.24	0.277	0.032661	15785	8.834	70.422
13.6774	2.99964	50.002	50.003	50.001	23.71	0.281	0.012555	15785	8.39	72.186
13.6687	2.9991	49.996	49.998	49.992	23.03	0.286	0.015808	15785	8.39	71.842
13.6468	2.99241	49.999	50.004	49.997	23.72	0.283	0.017561	15785	8.108	73.633
13.6684	2.99996	50.004	49.998	49.999	24.42	0.287	0.011476	15785	7.594	76.328
13.6419	2.99107	49.995	50.003	50.001	23.48	0.29	0.0085	15785	8.249	74.585
13.6585	2.99566	49.997	50.002	50.002	24.16	0.284	0.027289	15785	9.237	72.558
13.6972	3.00638	50	49.999	49.995	24.06	0.292	0.01049	15785	7.684	85.987
13.6963	3.00802	49.997	50	49.999	24.27	0.284	0.007769	15785	7.634	90.771
13.6569	2.99391	49.999	50.011	50.008	23.72	0.281	0.014673	15785	8.522	92.619
13.6551	2.99551	49.998	50.012	49.999	23.7	0.275	0.009589	15785	9.439	94.307
13.6829	3.00624	50.001	50.001	50	23.72	0.301	0.010653	15785	9.459	93.103
13.6614	2.99742	50.006	50.003	50.002	23.77	0.277	0.022801	15785	9.963	93.109
13.6641	2.99638	49.997	49.999	49.998	24.41	0.298	0.0149	15785	10.608	89.231
13.6596	3.00132	50.006	49.995	49.998	25.09	0.276	0.018761	15785	10.356	87.165
13.6494	3.00309	49.997	50	50.001	24.41	0.287	0.060233	15785	10.094	89.214
13.6614	2.99383	50.001	49.996	50	23.72	0.279	0.023154	15785	9.923	90.281
13.6599	2.99794	50.004	50	49.997	23.03	0.281	0.025723	15785	9.721	92.572
13.6749	2.99726	49.996	50.009	50.003	23.69	0.271	0.01681	15785	9.681	93.419
13.6634	2.99091	50.001	50.006	49.997	23.31	0.278	0.018675	15785	9.822	93.776
13.6872	3.00231	50	50.001	49.996	23.18	0.28	0.023513	15785	9.963	94.68
13.6636	2.99428	49.998	49.995	50	23.71	0.28	0.026121	15785	10.225	94.71
13.6801	3.00432	50.001	50	50.002	23.97	0.267	0.049333	15785	10.588	94.591
13.6665	2.99531	49.996	49.995	49.998	24.38	0.275	0.032239	15785	10.527	95.233
13.6644	2.99981	49.999	50.004	49.995	24.54	0.272	0.021068	15785	10.759	95.192
13.6403	2.99396	49.999	50.003	49.997	25.09	0.274	0.067641	15785	11.061	95.439
13.6568	3.00028	49.996	49.997	50.002	25.84	0.28	0.14478	15785	11.404	95.536
13.6835	3.00125	50	50	49.997	26.01	0.276	0.032738	15785	11.676	95.967
13.6673	3.00205	49.996	50	49.995	25.91	0.268	0.10511	15785	12.129	95.945
13.643	2.99643	50.003	49.998	50	26.09	0.271	0.023768	15785	12.492	95.495
13.676	3.00111	50.002	50.001	50.002	26.23	0.264	0.029925	15785	12.27	92.853
13.6576	3.00057	49.995	50.001	50.001	26.55	0.277	0.056517	15785	11.998	92.278
13.6975	2.99848	50	49.995	49.998	26.4	0.266	0.036933	15785	11.172	90.761
13.6831	3.00098	49.993	50.001	50	25.81	0.265	0.024136	15785	10.679	91.432

13.6514	2.99341	49.995	50	49.994	25.29	0.279	0.045583	15785	11.243	85.753
13.6468	2.99676	50	50.001	49.998	25.51	0.284	0.03376	15785	10.85	87.193
13.6627	2.99988	50.003	50.001	50	25.26	0.268	0.012978	15785	10.266	89.279
13.6753	3.00205	49.999	50.001	50.003	24.84	0.273	0.014417	15785	10.407	88.887
13.6815	3.00238	49.999	50.001	50.007	24.67	0.285	0.027229	15785	6.262	90.109
13.7022	3.00495	50.003	49.993	49.994	24.07	0.283	0.020166	15785	6.635	86.461
13.6964	3.00401	49.996	50	49.998	25.09	0.284	0.11007	15785	4.919	80.571
13.6663	2.99672	50.001	50	49.996	24.42	0.288	0.008612	15785	3.97	75.443
13.6778	3.00014	49.995	50.001	49.996	24.77	0.298	0.031337	15785	3.444	79.834
13.6721	3.00182	50.001	50.001	49.997	24.63	0.305	0.034814	15785	3.03	80.876
13.6624	3.0003	49.998	49.998	50.002	25.19	0.277	0.015167	15785	2.595	78.329
13.6819	3.00489	49.998	50.001	49.999	25.02	0.292	0.048696	15785	2.171	79.144
13.6489	2.99694	49.998	50.003	50.002	25.22	0.285	0.006477	15785	2.171	76.663
13.68	2.99368	50.002	50.003	49.995	25.23	0.293	0.020796	15785	1.817	78.184
13.6606	3.00054	49.997	49.997	50.003	25.14	0.294	0.01359	15785	1.675	78.344
13.6922	3.00449	50.001	50.004	50.006	25.72	0.292	0.025666	15785	1.2	80.994
13.6617	2.99913	50	50.003	50	25.85	0.302	0.019009	15785	1.109	82.104
13.6999	3.00313	49.996	49.999	50.002	25.44	0.303	0.021118	15785	1.261	81.286
13.6555	2.99503	49.997	50.002	50	25.82	0.305	0.023461	15785	1.503	81.04
13.6914	3.00599	49.997	49.999	50.003	25.97	0.304	0.026064	15785	1.999	80.053
13.6469	2.99154	49.999	50.003	49.998	25.16	0.291	0.019304	15785	3.171	79.009
13.6719	3.00174	50.001	49.999	49.995	25	0.298	0.021445	15785	3.929	79.345
13.688	3.01203	49.998	50.002	50.007	24.33	0.305	0.040501	15785	5.222	78.738
13.6557	2.99526	49.999	50.005	50.001	23.72	0.288	0.050994	15785	6.06	74.85
13.6739	3.00447	49.996	49.998	50	24.1	0.291	0.033324	15785	6.252	78.156
13.7077	3.00844	49.998	50.004	49.996	24.32	0.291	0.007535	15785	6.958	77.32
13.6691	3.00086	50	50.005	49.999	23.71	0.286	0.046612	15785	7.846	76.181
13.6612	3.00057	49.992	50.008	50	23.3	0.27	0.030461	15785	7.16	82.981
13.6692	3.00243	49.995	50.002	50.001	24.43	0.292	0.019906	15785	6.373	89.05
13.687	3.00384	49.999	49.993	49.994	24.16	0.29	0.014743	15785	6.504	90.586
13.6616	2.99757	50.005	50	50.001	24.17	0.284	0.009634	15785	6.635	90.382
13.6935	3.00424	50.002	49.999	49.994	23.79	0.29	0.018196	15785	6.625	90.444
13.6884	3.00378	49.996	50.002	50.002	24.43	0.301	0.020214	15785	6.797	88.672
13.6756	3.00323	50	49.998	49.999	25.09	0.289	0.025451	15785	5.565	89.951
13.6615	3.00034	49.994	49.994	49.999	25.19	0.286	0.016632	15785	3.596	91.332
13.6702	2.99818	50.007	50.002	50	25.2	0.299	0.010869	15785	3.202	93.21

13.6611	3.00226	50.006	50.001	50.001	25.63	0.287	0.012075	15785	2.191	94.182
13.6993	3.00672	50.001	50.008	49.997	25.7	0.285	0.065906	15785	1.544	94.794
13.6606	2.99454	49.999	50.003	50.005	25.67	0.289	0.048812	15785	1.038	95.004
13.6445	2.99394	49.996	49.997	49.997	25.11	0.286	0.011037	15785	0.28	95.14
13.6687	2.99742	50.001	50.002	50.003	25.79	0.291	0.023625	15785	-0.317	95.278
13.6405	2.99358	50.002	49.998	50.008	26.28	0.28	0.015439	15785	-0.196	95.582
13.6404	3.00075	50.003	49.996	50.003	25.65	0.297	0.084265	15785	-0.641	95.569
13.6803	3.00218	49.995	49.997	50.001	24.95	0.286	0.036711	15785	0.532	96.098
13.6864	3.00047	50.001	50.005	50.007	25.99	0.276	0.014112	15785	3.07	93.904
13.6614	3.00065	49.996	49.998	50	29.65	0.279	0.045309	15785	5.929	87.989
13.6571	2.99403	49.999	49.997	49.999	28.47	0.27	0.029609	15785	9.268	81.965
13.6788	3.0001	49.999	49.996	49.991	28.57	0.269	0.032894	15785	10.397	77.728
13.6848	3.00853	49.999	49.997	50.002	28.61	0.287	0.041416	15785	11.897	70.116
13.6632	3.00346	50.004	49.995	50	29.2	0.275	0.027065	15785	12.119	59.66
13.648	2.99689	50.001	49.995	50.002	29.81	0.266	0.017687	15785	12.179	60.888
13.6832	3.0035	49.998	50.001	50.002	30.29	0.282	0.019649	15785	11.333	62.869
13.677	3.0005	49.998	49.996	49.996	29.22	0.29	0.014553	15785	10.568	66.462
13.6704	2.9989	49.998	49.996	49.996	27.24	0.277	0.027484	15785	9.399	69.03
13.6367	2.9912	49.994	50	49.994	25.76	0.273	0.030533	15785	8.269	73.796
13.6381	2.99087	50.003	50.004	49.999	25.08	0.301	0.057665	15785	8.31	75.571
13.6498	2.99665	49.999	49.998	49.997	24.71	0.289	0.008693	15785	8.965	73.469
13.6743	2.9956	49.999	50.004	50.003	24.23	0.296	0.02791	15785	8.592	76.567
13.6413	2.99923	49.999	50.003	50	24	0.29	0.03514	15785	8.511	76.674
13.6862	3.01064	50.005	50.002	50.003	24.4	0.295	0.022964	15785	8.451	76.207
13.6716	2.99884	49.999	50.001	49.996	24.22	0.291	0.008828	15785	8.209	79.49
13.6584	2.99753	49.997	49.999	50.002	23.63	0.275	0.011115	15785	7.684	83.459
13.6808	3.00116	50.002	50.002	50.001	23.72	0.285	0.020991	15785	7.523	84.494
13.6746	3.00039	49.995	50.003	49.997	23.36	0.296	0.013717	15785	7.503	84.093
13.6871	3.00123	49.994	49.998	50.002	23.75	0.287	0.01016	15785	7.079	88.235
13.6612	2.99788	50	49.997	49.994	23.82	0.28	0.032619	15785	7.422	86.221
13.6573	3.00389	50.005	50	50.002	25.61	0.298	0.012539	15785	6.756	89.542
13.6716	2.99855	49.999	49.999	50.004	25.18	0.286	0.01393	15785	6.655	92.057
13.6642	2.99955	50	49.994	50.001	24.96	0.286	0.010317	15785	6.494	93.965
13.6548	2.99647	50.004	50	50.003	25.46	0.288	0.019485	15785	6.716	94.046
13.6659	3.00371	50.001	49.995	49.999	25.99	0.293	0.036799	15785	6.534	94.348
13.684	3.00191	50.003	50.001	50	25.51	0.285	0.024048	15785	7.039	94.135

13.6582	2.997	49.997	49.998	49.996	25.97	0.301	0.030278	15785	7.362	95.11
13.687	3.01	50	49.997	49.997	23.72	0.293	0.019786	15785	8.31	95.536
13.6757	2.99856	49.999	50.007	49.996	23.2	0.281	0.037368	15785	8.955	95.198
13.7052	3.01208	50.001	50.001	49.999	23.33	0.281	0.02442	15785	9.58	94.87
13.6679	3.00331	50.002	50	50.003	23.89	0.286	0.018086	15785	10.255	94.886
13.6698	3.00444	50.004	49.995	50.006	24.38	0.285	0.034158	15785	10.548	94.902
13.6587	2.99472	50.007	49.998	50.004	24.41	0.284	0.022322	15785	10.397	94.798
13.6723	3.00588	49.999	50.002	49.999	24.79	0.27	0.014587	15785	10.376	94.031
13.6171	2.98884	50.003	50	50	24.7	0.291	0.006355	15785	10.306	91.689
13.6877	3.00308	49.999	50.002	50.007	24.76	0.276	0.020404	15785	9.973	91.684
13.6882	3.0018	50.005	49.998	50.002	24.44	0.288	0.038535	15785	10.104	87.539
13.6683	2.99958	49.997	50.002	49.998	23.92	0.276	0.048518	15785	8.431	90.41
13.6769	2.99779	50.003	50.002	49.997	24.06	0.282	0.018651	15785	7.725	91.621
13.668	2.99518	50.004	49.996	49.997	24.37	0.281	0.013813	15785	7.543	91.868
13.6796	2.99943	50.01	50	49.999	24.39	0.289	0.017392	15785	7.301	92.528
13.6748	2.99538	49.998	49.996	49.997	24.36	0.281	0.011366	15785	6.675	92.952
13.669	3.00114	49.998	49.999	50.009	25.04	0.29	0.03649	15785	6.272	93.739
13.644	2.9893	50.005	50.005	49.999	25.83	0.284	0.023846	15785	5.323	94.118
13.6594	2.99335	49.997	50.003	49.999	24.53	0.279	0.026492	15785	5.363	93.513
13.6579	2.99852	50.001	49.998	50.004	24.45	0.285	0.006789	15785	5.666	92.429
13.7096	3.0085	50.001	49.995	50.002	26.42	0.28	0.012822	15785	8.108	88.781
13.6867	2.99871	49.998	49.997	49.995	29.28	0.276	0.027444	15785	10.447	82.402
13.6646	3.00286	49.996	50.003	49.999	28.35	0.289	0.088114	15785	12.572	72.368
13.6887	3.00416	50.002	49.995	49.995	28.49	0.27	0.022202	15785	14.655	67.803
13.7094	3.00428	50	49.998	50.004	28.59	0.261	0.009673	15785	16.506	52.069
13.6685	3.002	50.006	49.999	49.995	28.53	0.276	0.012179	15785	17.541	49.232
13.667	2.99999	49.997	49.999	49.999	28.56	0.271	0.026067	15785	17.842	48.827
13.679	3.00467	50.003	50.001	49.996	28.59	0.265	0.019306	15785	18.385	50.068
13.6902	3.00597	49.995	50.002	50.004	28.83	0.272	0.014299	15785	17.651	58.484
13.6726	2.99434	49.996	50.007	50.008	30.15	0.278	0.015885	15785	15.742	62.771
13.661	3.00214	50.005	50	49.999	30.16	0.272	0.011765	15785	14.001	72.833
13.6341	2.99258	50.002	49.992	49.996	28.75	0.281	0.01307	15785	12.703	79.531
13.6923	3.00714	50	49.997	50	27.8	0.285	0.024684	15785	11.676	83.503
13.646	2.98885	49.998	50.002	49.998	26.49	0.284	0.010754	15785	11.313	82.43
13.6681	3.00708	49.999	50	49.999	25.83	0.278	0.011947	15785	10.991	82.09
13.7023	3.00823	49.999	50.004	49.997	25.17	0.275	0.013273	15785	10.83	81.688

13.6669	3.00548	49.998	49.999	50.001	24.45	0.298	0.00983	15785	9.661	84.675
13.6713	2.99981	49.998	50.006	50	24.26	0.28	0.018565	15785	8.733	86.906
13.6627	2.9943	50	50.001	50.002	23.72	0.29	0.035062	15785	8.643	86.884
13.6568	2.99598	50	50.007	50.002	23.26	0.289	0.025968	15785	8.158	86.811
13.6512	2.99569	50.004	50.005	49.998	23.03	0.285	0.009982	15785	7.503	89.205
13.6759	3.00002	50.008	49.999	50.001	23.96	0.297	0.01109	15785	7.826	87.59
13.6757	3.00672	49.997	49.995	49.998	23.51	0.297	0.013963	15785	8.249	86.514
13.6719	3.00152	50.003	50.002	50	24.4	0.288	0.02637	15785	8.562	85.485
13.6888	3.00401	50.001	49.999	49.991	28.44	0.28	0.017233	15785	11.001	81.189
13.6677	2.99962	49.994	50.001	50.002	28.53	0.263	0.012763	15785	14.384	70.94
13.6431	2.99942	49.993	50.002	49.999	28.16	0.269	0.014179	15785	17.621	57.609
13.6861	3.00654	49.997	49.996	49.999	28.27	0.276	0.030349	15785	19.961	46.561
13.6658	2.99505	50.002	49.995	50.001	28.12	0.268	0.013222	15785	20.965	41.357
13.6822	3.00075	49.997	50	49.999	28.17	0.265	0.016647	15785	21.998	33.984
13.6643	2.99742	50.001	49.999	50.001	28.5	0.265	0.012329	15785	22.41	37.665
13.6855	3.00198	49.998	50	50.005	28.37	0.265	0.00474	15785	22.45	34.475
13.658	2.99988	49.999	49.998	49.992	28.58	0.268	0.029318	15785	21.477	37.81
13.6654	3.00292	50.002	50.003	50.002	29.95	0.285	0.012773	15785	17.842	42.336
13.7125	3.00573	50.001	49.999	50	29.92	0.275	0.024123	15785	15.681	49.337
13.6611	2.99588	50.002	50	49.999	29.2	0.28	0.009273	15785	13.73	58.798
13.7056	3.01062	50.001	50	50.006	28.15	0.284	0.006868	15785	13.237	62.327
13.6442	2.99723	50	50.001	49.996	27.24	0.285	0.02205	15785	11.243	70.454
13.6449	2.99904	50	49.997	50.002	26.45	0.281	0.047196	15785	10.598	73.352
13.6465	2.9931	50	50	50	25.54	0.285	0.007115	15785	9.983	75.019
13.6622	2.9977	50	49.997	50	25.06	0.289	0.022843	15785	9.348	79.15
13.6587	3.00148	50.002	49.996	50.001	24.49	0.285	0.025377	15785	9.116	83.625
13.6782	3.00125	49.999	50.001	50.002	24.4	0.303	0.011056	15785	8.33	87.081
13.67	2.99744	50.001	49.997	50.002	23.92	0.285	0.007225	15785	8.229	90.202
13.6953	3.00329	49.995	49.995	50	23.7	0.286	0.013645	15785	7.846	92.991
13.6625	2.99616	50.004	50	49.999	23.07	0.287	0.008917	15785	7.382	95.072
13.6473	2.99354	50.004	49.998	50	23.72	0.291	0.006604	15785	7.503	95.66
13.6489	2.99315	49.999	50.002	49.998	24.41	0.302	0.007337	15785	8.007	96.045
13.6813	3.00153	49.997	50.004	49.999	25.34	0.291	0.009238	15785	8.713	96.099
13.6843	3.00756	49.998	50.001	50.004	26.47	0.281	0.017446	15785	9.631	96.334
13.6727	3.00205	50.001	50	50.006	28.53	0.29	0.007601	15785	10.588	96.214
13.656	3.00041	49.997	50	50.007	30.04	0.277	0.041485	15785	11.434	96.297

13.6907	3.00372	49.995	50.002	49.998	29.8	0.282	0.02711	15785	12.26	95.728
13.6762	3.00535	50.006	50.002	50.002	30.55	0.278	0.017716	15785	12.995	93.196
13.6621	2.99845	50.003	50.005	50.001	28.92	0.277	0.019682	15785	16.697	78.295
13.6688	3.00173	50.002	50	50.002	28.74	0.27	0.024781	15785	18.033	72.726
13.6756	3.00176	49.999	50	50.006	29.17	0.271	0.018353	15785	18.385	72.603
13.6816	3.007	50.004	50	49.998	29.91	0.287	0.011994	15785	15.983	80.648
13.7231	3.00897	50.004	49.994	49.995	30.12	0.281	0.013324	15785	14.716	88.089
13.6759	2.99221	50	49.999	50	29.03	0.273	0.025164	15785	13.77	91.359
13.6815	2.99881	49.999	50.004	50.001	27.89	0.291	0.016445	15785	12.542	93.708
13.6618	2.99893	49.997	49.997	50.004	27.83	0.29	0.01218	15785	12.854	95.763
13.6564	2.99429	49.999	50.005	49.998	27.83	0.289	0.013531	15785	12.693	96.1
13.6638	3.00824	50.003	49.995	50.004	27.99	0.298	0.017036	15785	12.391	96.29
13.6772	3.00783	50.001	50.004	50.006	28.29	0.277	0.003852	15785	12.461	96.498
13.6704	2.99903	49.997	49.997	50	28.34	0.291	0.021026	15785	12.32	96.584
13.6843	3.00041	50.001	50	49.999	28.53	0.281	0.01374	15785	11.998	96.62
13.6699	2.99593	49.997	49.995	50	28.62	0.279	0.02941	15785	11.666	96.715
13.6952	3.00993	49.997	50.003	49.999	28.52	0.285	0.019219	15785	11.223	96.737
13.6867	3.00359	49.996	49.999	49.998	28.5	0.297	0.024198	15785	10.739	96.767
13.6963	3.00365	49.999	49.998	50.002	28.33	0.286	0.015814	15785	10.749	96.858
13.6491	2.995	50.002	50	50	28.2	0.297	0.006079	15785	11.213	96.979
13.683	3.00042	49.998	49.999	49.996	28.54	0.289	0.013011	15785	11.958	97.003
13.6442	2.99896	49.996	50.002	50.001	29.91	0.292	0.041774	15785	13.247	97.073
13.6793	2.9996	50.001	50.003	49.997	29.51	0.297	0.016058	15785	14.193	97.018
13.6471	2.99546	49.998	49.999	50.005	29.2	0.277	0.010494	15785	14.675	96.431
13.6937	3.002	50	49.998	50.003	29.05	0.279	0.011658	15785	16.747	87.591
13.6803	3.00569	49.99	49.999	49.994	28.48	0.261	0.022018	15785	20.945	75.114
13.6636	2.99766	49.996	50	50.002	28.36	0.263	0.016307	15785	22.52	62.474
13.6808	2.99965	49.997	49.998	49.999	28.54	0.273	0.012078	15785	21.998	62.983
13.6763	3.00669	49.999	50	50	28.55	0.269	0.02281	15785	20.945	65.791
13.6677	2.99808	50.002	50.002	50.005	29.29	0.272	0.005845	15785	19.399	71.202
13.6612	3.00471	49.997	50.007	50.002	29.25	0.278	0.018768	15785	18.365	77.076
13.6804	2.99605	49.993	50	49.995	28.94	0.285	0.008176	15785	18.395	78.523
13.6686	2.99853	50.003	50.005	49.999	30.67	0.266	0.009083	15785	17.219	82.454
13.6932	3.00688	50.001	49.998	49.996	30.54	0.283	0.017155	15785	15.882	87.003
13.677	2.99823	49.999	49.998	49.999	29.89	0.282	0.019058	15785	15.269	88.458
13.6899	3.00427	49.999	50.001	49.999	29.25	0.285	0.014115	15785	14.213	91.742

13.6673	2.99574	49.994	49.996	49.995	28.93	0.296	0.015681	15785	13.468	93.168
13.6365	2.99304	49.997	50.004	50.001	28.6	0.279	0.029615	15785	13.75	93.549
13.655	3.00075	50.003	50.002	49.996	28.54	0.275	0.019353	15785	13.528	94.185
13.6538	2.99153	50.003	49.998	49.999	29.18	0.277	0.021501	15785	14.001	94.66
13.6709	2.99653	49.999	50.003	49.996	29.3	0.282	0.023886	15785	14.545	93.362
13.6571	3	50	49.999	49.997	29.43	0.271	0.015609	15785	14.696	92.224
13.6568	2.99498	50.002	49.999	50	29.73	0.284	0.010201	15785	14.877	91.394
13.6599	2.9996	50	49.999	50.002	29.58	0.278	0.03275	15785	15.118	90.18
13.6399	2.99216	50.004	50.001	50.001	29.91	0.272	0.021402	15785	15.742	85.578
13.6701	3.0039	50.002	49.997	49.993	29.96	0.28	0.023777	15785	16.636	81.623
13.6585	2.99573	49.999	49.997	50.002	28.63	0.276	0.010359	15785	17.913	77.77
13.6593	2.99911	50.002	49.999	50.006	27.9	0.266	0.022172	15785	20.825	67.407
13.664	2.99904	50.002	50.002	49.999	28.53	0.263	0.024632	15785	20.403	67.392
13.6724	2.99928	49.999	49.997	49.996	28.52	0.288	0.006312	15785	20.142	67.688
13.6634	2.99822	49.998	50	49.999	29.22	0.28	0.022969	15785	19.801	73.286
13.6802	3.0019	50	49.993	49.999	29.17	0.27	0.01501	15785	19.861	75.061
13.6633	2.99785	50.003	49.998	49.999	29.22	0.277	0.011117	15785	18.777	81.436
13.6574	2.99889	50	49.999	50.002	29.48	0.291	0.023795	15785	17.802	86.402
13.6587	2.99786	49.997	50.007	50.003	30.52	0.271	0.01555	15785	17.712	86.526
13.6209	2.98685	50.007	50.004	49.993	30.41	0.287	0.010162	15785	16.868	91.651
13.647	2.99391	49.999	50.001	49.999	30.18	0.278	0.012794	15785	17.209	87.844
13.6699	3.00017	50.001	50.001	49.999	30.26	0.276	0.014214	15785	17.641	85.026
13.6614	3.00085	50.001	50	50.001	30.58	0.285	0.009289	15785	17.551	87.306
13.6717	2.9994	50.002	49.998	50.001	30.6	0.276	0.019881	15785	17.742	87.782
13.6446	2.99705	50.002	49.993	49.997	30.02	0.266	0.022087	15785	17.159	91.474
13.6674	3.00221	49.998	50.001	50	29.88	0.271	0.014434	15785	17.018	93.162
13.669	2.99835	49.995	49.994	49.999	27.95	0.291	0.018173	15785	13.478	90
13.6651	3.00238	49.998	50.003	49.999	26.49	0.281	0.011876	15785	10.931	87.857
13.6527	2.99976	50.001	50.001	50.002	23.88	0.286	0.008796	15785	7.805	85.511
13.6694	2.99345	50.005	50.001	49.994	23.7	0.288	0.009772	15785	7.543	85.171
13.6584	2.99663	49.999	49.998	50.006	24.38	0.289	0.031373	15785	6.009	87.453
13.6526	2.99763	49.996	49.997	49.999	24.38	0.301	0.039501	15785	5.606	88.018
13.6936	3.00361	50	49.998	50.002	24.78	0.283	0.008932	15785	7.2	83.718
13.6618	2.99696	49.999	49.996	49.998	25.62	0.3	0.011246	15785	7.765	81.762
13.6755	3.00213	49.997	49.997	49.998	27.16	0.275	0.012494	15785	9.278	76.81
13.6819	2.99912	49.998	50.001	49.995	27.26	0.276	0.01573	15785	8.985	74.068

13.6698	2.99881	49.992	49.997	49.996	26.77	0.281	0.01028	15785	9.338	72.814
13.6936	3.00698	49.998	49.999	49.998	26.52	0.289	0.012943	15785	9.177	71.732
13.6927	3.00508	50.002	50.001	50	25.65	0.294	0.014379	15785	8.925	73.149
13.6936	3.00004	50.003	49.997	49.998	24.82	0.294	0.018104	15785	8.874	71.963
13.67	2.99754	50.001	50.006	50.003	24.05	0.291	0.011831	15785	8.33	70.988
13.6975	3.00966	50	49.997	49.998	24.08	0.3	0.022344	15785	7.523	75.765
13.6459	2.99274	49.999	50.003	50.005	24.55	0.303	0.016548	15785	5.262	82.989
13.6508	2.99444	49.997	49.999	49.994	25.4	0.296	0.018384	15785	4.151	85.154
13.6592	3.00048	50	50	49.996	25.09	0.311	0.013616	15785	3.707	87.37
13.6541	3.00217	49.996	49.998	50.004	25.09	0.306	0.025715	15785	3.373	87.676
13.6816	3.00619	50.001	49.998	49.997	25.1	0.298	0.016805	15785	3.606	88.063
13.6923	3.00455	49.998	49.999	49.994	25.29	0.296	0.021158	15785	2.12	92.221
13.6675	3.00563	49.998	50	49.996	25.05	0.283	0.013827	15785	2.909	91.024
13.6477	2.99772	49.998	50.002	49.995	25.09	0.302	0.015361	15785	1.948	92.624
13.6765	3.00274	50.003	50.002	49.999	25.81	0.309	0.049318	15785	2.595	89.549
13.6824	3.00919	50.001	49.997	50.002	25.24	0.296	0.021486	15785	2.08	90.43
13.6607	2.99414	50.002	50.003	49.999	25.53	0.303	0.040578	15785	1.382	90.702
13.6816	3.0006	49.996	50.004	50.003	25.5	0.295	0.026518	15785	0.684	91.71
13.6791	3.00125	49.999	50.002	49.997	26.47	0.319	0.01964	15785	-0.135	92.78
13.6486	2.99536	49.998	50.003	49.992	25.65	0.289	0.021819	15785	0.411	91.064
13.6625	3.00133	50.003	50.009	50.002	25.05	0.289	0.024239	15785	3.626	84.913
13.6969	3.00681	50.001	50.004	49.997	28.64	0.281	0.017952	15785	6.575	78.692
13.7159	3.01175	49.997	49.993	50.006	29.44	0.292	0.011732	15785	9.298	66.097
13.6832	2.99783	50.002	49.999	50.001	30.07	0.286	0.037666	15785	11.092	56.09
13.6463	2.99524	49.998	50.001	49.997	29.51	0.292	0.041845	15785	11.454	53.023
13.6678	3.00195	50	50	50.003	29.34	0.286	0.027345	15785	11.585	51.427
13.6671	2.99716	49.999	50.004	50.003	29.23	0.298	0.030379	15785	11.333	49.083
13.6893	3.00371	50.001	50.004	50.006	29.22	0.288	0.019853	15785	10.507	46.889
13.6819	3.00753	50.005	49.997	49.997	28.58	0.288	0.007632	15785	9.237	53.252
13.6498	2.99873	49.997	49.996	50.005	25.77	0.285	0.009609	15785	5.828	64.439
13.6735	2.99533	50	49.998	50.003	25.3	0.289	0.03085	15785	3.424	75.453
13.6871	3.00312	49.998	50	49.998	25.78	0.309	0.022848	15785	2.737	75.034
13.6837	3.00168	50.001	49.999	50.002	25.52	0.296	0.043151	15785	0.654	81.952
13.6654	2.995	49.999	50	49.992	25.77	0.302	0.028199	15785	-0.075	83.702
13.6381	2.98974	49.997	50.002	50.004	26.44	0.316	0.01084	15785	-0.51	85.612
13.6332	2.98957	50.003	50.001	49.995	25.88	0.31	0.012043	15785	-1.37	87.866

13.6526	3.00079	49.999	49.999	49.994	25.95	0.31	0.013379	15785	-1.168	87.366
13.6605	2.99734	49.999	49.999	50.005	26.48	0.32	0.008743	15785	-1.856	91.828
13.675	2.9996	49.996	50.004	49.997	26.22	0.309	0.016512	15785	-2.17	90.74
13.667	3.00038	50	50.003	50.004	26.46	0.306	0.01079	15785	-2.383	92.003
13.6623	2.99656	50.002	49.999	49.997	26.44	0.296	0.020379	15785	-2.2	94.011
13.6586	2.99907	50.005	50.001	50.002	26.42	0.313	0.015093	15785	-3.274	93.477
13.6866	3.0021	49.993	49.997	49.996	26.49	0.303	0.016767	15785	-3.274	93.4
13.669	2.99358	50.001	50.001	49.998	25.9	0.309	0.018628	15785	-2.545	93.372
13.6861	3.00092	50.005	49.999	50.005	25.28	0.3	0.004212	15785	1.605	82.793
13.7102	3.00651	50.003	49.997	49.999	28.75	0.304	0.015327	15785	4.818	75.995
13.6567	2.99731	49.996	49.999	50.002	29.33	0.284	0.010016	15785	8.068	59.42
13.6805	2.99476	49.995	49.999	49.999	29.92	0.302	0.018916	15785	9.762	45.446
13.659	2.99534	50.001	50.002	50.004	29.26	0.3	0.007272	15785	11.122	39.439
13.6666	3.00172	50	50.001	50.001	29.22	0.272	0.023346	15785	11.756	39.015
13.6845	3.00688	50.003	49.995	49.998	29.22	0.28	0.008975	15785	12.341	35.729
13.6947	3.00454	50.004	50.004	50.001	29.46	0.279	0.028814	15785	11.908	38.012
13.6714	3.00045	50.005	49.995	50	29.87	0.283	0.01883	15785	11.283	40.305
13.6908	3.00677	50	49.999	49.997	29.4	0.305	0.012305	15785	8.28	44.573
13.6569	2.9949	49.999	50	49.995	25.17	0.29	0.015493	15785	6.13	62.079
13.6763	3.00439	49.997	50.001	50.004	25.23	0.286	0.049742	15785	3.869	74.823
13.6636	2.9957	49.997	50.002	49.998	25.09	0.308	0.032506	15785	2.656	80.131
13.6484	2.99582	50	49.998	49.994	25.35	0.301	0.040928	15785	1.847	87.941
13.647	2.99982	49.998	50	49.998	25.77	0.319	0.026746	15785	0.887	83.486
13.6712	2.99777	49.996	49.996	49.993	25.92	0.315	0.017478	15785	0.31	90.687
13.6948	3.00472	50.002	49.996	49.997	25.7	0.306	0.011422	15785	-0.439	92.095
13.6853	2.99956	50.001	49.999	50.002	25.78	0.301	0.014381	15785	-0.783	92.482
13.6555	2.99859	50.003	50	50.002	25.94	0.305	0.02716	15785	-1.512	93.856
13.6621	3.00143	50.003	50	49.998	26.47	0.314	0.017749	15785	-1.957	94.292
13.6678	3.0026	49.995	49.998	49.998	26.1	0.304	0.033521	15785	-3.132	93.168
13.6801	3.00334	50.004	50	50	26.47	0.313	0.021906	15785	-2.727	94.208
13.6419	2.9936	49.999	50.003	49.996	25.79	0.322	0.008421	15785	-2.788	94.439
13.6643	3.00194	50.003	50.004	49.997	25.7	0.305	0.018024	15785	-1.957	93.575
13.6835	3.006	50	49.994	50	24.99	0.291	0.011779	15785	0.897	87.29
13.6945	3.01221	50.003	50.004	50.004	28.51	0.296	0.022245	15785	4.757	78.684
13.6664	3.00071	49.998	49.998	49.995	28.53	0.286	0.028008	15785	8.895	64.059
13.6975	3.00257	50.001	49.997	49.996	28.32	0.276	0.010767	15785	11.938	47.915

13.6731	3.00455	50.001	49.997	50.002	28.53	0.28	0.013556	15785	12.683	38.159
13.6554	2.99574	50.001	49.998	50.003	28.96	0.272	0.029015	15785	13.166	38.173
13.6309	2.99556	49.998	50.001	49.995	29.02	0.273	0.011154	15785	13.951	35.952
13.6925	3.00352	49.996	49.997	50	29.19	0.261	0.012391	15785	14.082	35.495
13.6802	2.99971	50.001	50.001	50	29.89	0.275	0.039783	15785	12.059	39.67
13.6839	3.00382	49.999	50.002	50.003	29.66	0.289	0.017332	15785	9.298	46.205
13.6725	3.00381	50.005	49.999	50.002	25.83	0.286	0.019255	15785	6.998	55.273
13.6349	2.99127	49.999	50.001	50	24.85	0.305	0.024243	15785	4.454	74.018
13.667	3.00435	49.997	50.004	49.996	25.78	0.305	0.026933	15785	3.121	79.645
13.6789	3.00639	49.996	49.997	50.001	25.76	0.308	0.011734	15785	1.685	86.858
13.6616	2.99648	49.998	49.997	49.993	25.62	0.32	0.013035	15785	1.069	87.138
13.6536	2.99353	50.002	50.007	50	25.97	0.298	0.047432	15785	-0.155	85.634
13.6844	3.00344	49.994	50.003	50.001	26.06	0.303	0.018233	15785	-1.248	84.879
13.6755	3.00266	50.001	50	50.001	26.38	0.304	0.020256	15785	-0.985	91.885
13.6708	2.99726	50.001	49.997	50.001	25.73	0.304	0.022503	15785	-1.188	93.478
13.6919	3.00346	49.995	50.004	50.001	25.84	0.292	0.025	15785	-1.856	93.837
13.6639	2.99482	50.001	49.998	49.997	26.36	0.306	0.027773	15785	-2.22	94.41
13.6646	2.99689	49.996	50.004	50	26.47	0.306	0.030855	15785	-2.261	94.538
13.6715	3.00676	50.002	49.996	49.999	26.47	0.307	0.020163	15785	-3.355	92.189
13.682	2.99993	49.997	50.006	50.007	25.95	0.306	0.0224	15785	-2.545	89.332
13.6583	3.00133	50	50.002	50.002	25.27	0.288	0.028204	15785	1.625	83.476
13.6909	3.00189	50.004	49.998	50.002	28.51	0.288	0.031333	15785	4.798	75.092
13.6691	2.99871	49.998	49.997	50.001	28.1	0.289	0.023206	15785	12.643	48.13
13.6652	3.00191	50.004	50	50.003	28.45	0.28	0.005247	15785	12.451	43.54
13.668	3.00023	50	49.991	50	28.53	0.288	0.019094	15785	12.814	38.863
13.7001	3.00528	50.005	49.999	50.001	28.58	0.27	0.021212	15785	12.914	40.938
13.6331	2.99363	49.997	49.996	49.999	29.21	0.271	0.013862	15785	13.7	43.233
13.6778	2.99266	50.001	49.999	49.999	29.32	0.261	0.044505	15785	13.166	39.854
13.6402	2.99488	49.998	49.999	49.998	29.95	0.28	0.011405	15785	12.804	43.966
13.6547	2.99261	50.004	49.992	49.998	29.3	0.277	0.012671	15785	9.51	49.214
13.6934	3.00554	49.999	50	50	25.96	0.306	0.02393	15785	7.483	55.992
13.7079	3.00431	49.998	49.998	50.005	25.1	0.295	0.017723	15785	4.949	72.484
13.6607	2.99728	49.992	49.999	49.999	25.36	0.294	0.01969	15785	4.151	80.943
13.6835	3.00864	49.998	49.996	50.001	24.72	0.295	0.014583	15785	3.586	81.52
13.7213	3.00821	50.002	49.997	50.002	24.55	0.3	0.016201	15785	4.071	76.653
13.6851	3.00484	50.002	49.999	49.996	25.27	0.306	0.020398	15785	3.283	81.45

13.6822	3.00419	49.994	49.994	49.998	25.11	0.299	0.022661	15785	3.576	83.144
13.6814	3.00466	49.995	50.001	49.996	25.09	0.295	0.016783	15785	4.818	74.19
13.6703	3.00651	49.995	49.998	49.994	24.39	0.295	0.031696	15785	5.383	72.494
13.6659	3.00246	49.998	49.999	49.998	25.09	0.298	0.035213	15785	5.424	73.145
13.6793	3.00334	50.001	50.002	49.996	24.4	0.292	0.023011	15785	5.575	74.624
13.6647	2.99623	49.995	50.002	50.001	25.08	0.294	0.017043	15785	4.313	80.909
13.6832	3.00267	50	49.999	50.007	25.14	0.296	0.018934	15785	6.07	77.355
13.6723	3.00118	49.998	50.004	49.998	24.37	0.299	0.012373	15785	6.675	75.684
13.6426	2.99157	50	49.998	49.998	25.86	0.28	0.023368	15785	8.511	71.76
13.6613	2.99712	50.003	50.003	50	28.35	0.28	0.017307	15785	11.535	66.939
13.6779	3.00944	50	50.003	50	29.75	0.292	0.019227	15785	12.683	66.7
13.6761	3.00155	50.004	50.001	49.999	28.64	0.279	0.036312	15785	15.329	64.342
13.6693	2.99464	50.006	50.005	49.997	29.93	0.286	0.01582	15785	14.816	68.001
13.6781	3.0024	50	49.999	49.996	30.09	0.285	0.017575	15785	16.345	66.423
13.706	3.01331	49.994	50.001	49.997	29.26	0.288	0.019525	15785	17.491	64.278
13.6782	3.00482	49.998	49.993	49.999	30.55	0.285	0.012759	15785	16.164	66.927
13.6914	3.00779	49.995	49.999	50.001	29.78	0.275	0.016065	15785	15.701	67.434
13.6408	2.99465	49.999	50	49.998	29.22	0.29	0.010498	15785	15.953	63.212
13.6667	3.00101	50.002	50.001	50.001	29.07	0.275	0.011663	15785	15.902	56.387
13.6908	3.00626	49.997	49.998	49.999	28.65	0.273	0.014685	15785	15.339	59.877
13.6719	2.99859	49.995	49.998	49.999	26.47	0.288	0.010876	15785	12.371	85.218
13.6505	2.99653	49.997	49.995	49.995	24.34	0.294	0.02054	15785	11.061	95.526
13.6448	2.99674	50.002	49.998	50.001	24.13	0.28	0.007896	15785	11.233	91.749
13.6578	3.00109	49.998	50.002	49.996	24.41	0.283	0.008772	15785	12.31	90.245
13.6874	3.00727	49.999	50.003	50.001	24.98	0.283	0.028163	15785	12.633	69.062
13.663	2.9997	50.002	50.002	50.001	23.72	0.281	0.012269	15785	10.648	72.019
13.6454	2.99639	50.006	50	50.006	25.86	0.303	0.013631	15785	8.148	74.413
13.6576	2.99498	49.999	50.001	50.003	26.11	0.298	0.025743	15785	5.939	78.186
13.6783	3.0004	49.995	49.998	50.001	26.03	0.298	0.011215	15785	5.656	82.842
13.6434	2.99014	49.998	50.001	49.996	26.01	0.301	0.021181	15785	5.686	83.943
13.6868	3.00339	49.999	49.997	49.999	25.99	0.303	0.040003	15785	5.505	85.799
13.6793	3.00966	49.998	50	49.999	25.84	0.29	0.00603	15785	6.06	82.325
13.6623	2.99686	50.003	50.002	50	25.18	0.29	0.019361	15785	6.1	85.009
13.6687	3.00406	50.001	50.002	50.009	25.13	0.305	0.014339	15785	6.595	83.085
13.6753	2.99909	49.995	50	50	25	0.295	0.027082	15785	6.887	80.8
13.6683	2.99722	50.001	49.996	49.997	24.69	0.291	0.00694	15785	6.393	82.119

13.6966	3.00601	49.999	49.997	50.116	22.94	0.313	0	15785	6.433	81.844
13.6482	3.00279	50.004	49.998	50.002	23.03	0.294	0.007534	15785	7.059	80.887
13.6749	3.00127	49.999	49.998	50.006	25.82	0.294	0.01423	15785	8.3	74.726
13.6789	2.99907	49.994	50.004	49.999	24.93	0.291	0.026874	15785	9.862	66.831
13.6412	2.9918	50	49.997	49.997	25.09	0.292	0.019904	15785	9.076	64.508
13.6706	3.0033	49.992	50.001	50.006	24.63	0.289	0.007651	15785	7.745	69.763
13.6852	3.00473	50.001	50.002	49.995	24.84	0.299	0.009633	15785	6.817	73.09
13.6512	3.00307	49.998	50.003	50.001	26.44	0.295	0.018193	15785	6.292	64.19
13.6555	3.0006	50.004	50.003	49.993	24.75	0.288	0.013475	15785	5.575	71.784
13.6749	3.00002	49.998	50.005	50.006	25.78	0.3	0.014969	15785	4.98	77.586
13.6455	2.99565	50.001	50.006	50.001	25.72	0.302	0.009782	15785	4.798	75.742
13.6635	2.99624	50	49.999	49.999	25.04	0.3	0.020939	15785	3.747	73.085
13.6999	3.00786	50.001	50.004	49.997	25.98	0.306	0.023262	15785	3.02	73.971
13.6755	3.00202	50.002	50.004	49.998	25.89	0.302	0.017228	15785	2.757	73.817
13.6628	3.00117	50.004	50	50.003	25.22	0.301	0.011258	15785	2.353	75.372
13.6704	2.99937	49.997	49.996	49.998	25.09	0.298	0.021263	15785	1.706	77.484
13.6502	2.99699	50.002	50.003	50.011	25.21	0.306	0.026771	15785	1.463	78.199
13.6533	3.0027	50.001	49.997	50.002	25.42	0.311	0.017495	15785	1.18	78.566
13.6529	2.99334	50.003	49.998	50.001	25.41	0.31	0.05617	15785	1.16	78.419
13.6928	3.00361	49.999	50.001	50.002	25.22	0.31	0.012701	15785	1.008	79.098
13.6698	2.99923	50.001	50	49.989	24.46	0.291	0.015992	15785	2.332	72.495
13.677	2.9971	49.998	49.996	50.002	23.7	0.318	0.006147	15785	3.808	64.495
13.65	2.99812	50.002	49.999	50.002	24.31	0.29	0.019737	15785	5.182	59.044
13.6591	2.99799	49.997	50.01	50.003	24.92	0.284	0.014618	15785	6.494	56.659
13.6587	2.99532	50.004	49.997	50.006	25.09	0.29	0.016239	15785	7.927	52.105
13.6558	2.99256	50	50.001	49.997	25.38	0.302	0.012027	15785	8.39	45.278
13.6912	3.00566	50.004	49.998	49.997	25.45	0.285	0.015143	15785	8.32	41.239
13.6467	2.99526	49.996	50.001	49.995	25.3	0.303	0.009896	15785	7.967	42.031
13.6593	2.99342	49.999	49.996	50.002	24.64	0.296	0.01246	15785	6.928	46.843
13.6644	2.99438	49.998	49.999	50	24.69	0.305	0.013842	15785	4.333	57.223
13.6891	3.00348	50.001	50.006	49.994	26.46	0.307	0.017428	15785	2.211	65.212
13.6577	3.00069	50.003	50.001	50.004	25.12	0.31	0.019362	15785	1.21	69.559
13.6647	3.00076	50.003	49.996	50	26.46	0.321	0.024378	15785	0.29	73.733
13.6823	2.99971	49.998	50.001	50.003	26.43	0.304	0.015931	15785	0.532	71.703
13.6922	3.0079	50.001	49.997	50.003	26.46	0.315	0.017698	15785	-0.611	75.432
13.7066	3.01269	50.001	50.002	50	26.21	0.31	0.037881	15785	-1.36	77.434

13.6573	2.99929	50	49.998	50.001	26.46	0.326	0.024755	15785	-1.795	78.094
13.7007	3.00994	50	50.002	50.004	26.16	0.324	0.027502	15785	-2.22	78.842
13.6522	2.99319	50.001	50.001	50.01	26.19	0.296	0.017972	15785	-2.686	81.26
13.7	3.01061	50	49.994	50	26.47	0.312	0.011745	15785	-2.757	80.972
13.7061	3.00898	50.001	49.999	50.004	26.38	0.315	0.013048	15785	-3.132	84.309
13.685	3.0081	50.002	50.006	50.003	26.43	0.31	0.008527	15785	-3.213	86.292
13.6551	2.99268	50	50	50.005	26.47	0.312	0.027376	15785	-2.767	80.172
13.6527	2.99452	50	50.004	50.003	25.84	0.328	0.011927	15785	-2.403	77.465
13.6814	3.00267	49.997	50.007	50.001	24.83	0.304	0.01325	15785	0.694	69.125
13.6676	3.00203	49.997	50.006	49.999	24.55	0.299	0.001762	15785	3.848	62.003
13.6731	2.99774	49.997	50.005	49.998	25.74	0.293	0.018533	15785	6.675	51.178
13.6245	2.98956	50.001	49.997	49.998	27.01	0.292	0.020589	15785	9.419	47.466
13.6801	3.00138	49.998	49.997	49.997	28.49	0.297	0.013455	15785	12.341	42.529
13.648	2.99532	50.001	50.004	50.004	29.92	0.286	0.016941	15785	14.484	39.533
13.6593	2.99356	50	49.996	49.998	29.5	0.279	0.01882	15785	15.561	40.704
13.6667	2.99816	49.999	49.999	49.998	29.46	0.285	0.012299	15785	15.862	40.737
13.6599	2.99929	49.999	50.002	50.002	30.7	0.289	0.008037	15785	14.605	44.79
13.6696	3.00775	50	50	50.001	28.67	0.3	0.025805	15785	12.894	50.464
13.6419	2.99595	50.001	49.997	50	26.47	0.292	0.016863	15785	12.028	52.038
13.667	2.99426	50	50.001	50.005	25.38	0.287	0.004322	15785	12.381	49.995
13.6777	3.00189	49.999	50.002	49.998	24.85	0.295	0.013875	15785	10.709	54.96
13.6741	3.00533	49.999	50.001	49.997	23.87	0.313	0.015414	15785	9.943	55.919
13.6688	2.99698	50.005	50.001	50	23.93	0.306	0.019408	15785	8.189	61.068
13.6754	3.00261	50.001	50.002	50.002	25.11	0.306	0.012683	15785	7.725	62.184
13.6778	3.00017	50.003	49.998	49.997	25.19	0.304	0.01409	15785	7.503	61.465
13.6913	3.00423	50	50.002	49.999	25.93	0.296	0.01774	15785	6.353	65.299
13.6842	2.99873	49.999	49.99	50.003	24.95	0.288	0.006819	15785	5.232	69.655
13.686	3.00587	49.997	49.999	49.995	25.19	0.302	0.014597	15785	4.434	72.818
13.6656	2.99574	49.996	49.999	50	25.48	0.292	0.031243	15785	4.03	73.978
13.677	2.99707	49.997	49.998	49.995	25.2	0.306	0.020417	15785	3.757	74.85
13.6758	3.003	50.002	49.999	50.002	25.1	0.313	0.038559	15785	2.332	78.87
13.6987	3.00157	49.999	50.005	49.997	25.62	0.296	0.009882	15785	3.293	75.45
13.684	2.99803	49.998	49.997	50	25.09	0.299	0.031727	15785	5.848	68.66
13.6716	3.00493	50.001	50	50.003	27.56	0.298	0.008131	15785	9.207	58.242
13.6632	3.00078	50.002	50.006	49.996	29.13	0.305	0.026104	15785	12.924	46.845
13.659	2.99721	49.997	50.003	49.999	29.18	0.289	0.005903	15785	14.997	43.578

13.6518	2.99562	49.999	49.999	50	28.92	0.284	0.018952	15785	16.305	41.048
13.6675	2.99746	50	50.001	50.002	29.23	0.295	0.035792	15785	17.089	35.446
13.6631	2.99605	50.001	50.003	49.995	29.28	0.268	0.02339	15785	17.832	34.665
13.6598	2.99269	50.002	50	50	29.22	0.286	0.015285	15785	17.802	38.081
13.6521	2.99785	50	49.998	49.993	29.91	0.297	0.028868	15785	16.667	37.093
13.6569	2.99372	50.001	50.005	49.998	29.91	0.298	0.007398	15785	13.468	44.108
13.6696	2.9983	49.998	50.001	49.995	27.82	0.306	0.008219	15785	12.2	46.912
13.6822	3.0045	49.995	50.006	50.002	26.47	0.311	0.009131	15785	11.908	49.623
13.6812	3.00318	49.998	50.001	50.007	25.79	0.297	0.019543	15785	11.364	51.947
13.6965	3.00789	50.006	50.001	49.997	24.72	0.296	0.012771	15785	9.872	57.586
13.6573	2.99789	50.002	50	50.005	24.64	0.284	0.004909	15785	11.273	52.937
13.6461	2.99173	50.003	50.002	49.997	24.79	0.296	0.017864	15785	10.608	55.364
13.6681	3.00232	49.997	50.005	49.998	24.41	0.299	0.033738	15785	9.207	60.206
13.6832	3.00531	49.996	50.001	49.999	23.52	0.292	0.022048	15785	8.37	63.55
13.6766	3.00157	49.995	49.998	50.001	23.61	0.306	0.014408	15785	8.915	62.886
13.6717	2.99724	50.003	50.001	50.002	23.72	0.302	0.018141	15785	9.237	62.489
13.6601	2.99556	50.001	50.001	50.003	24.25	0.292	0.011855	15785	9.762	60.324
13.6692	2.99824	50.001	50.003	50	24.18	0.305	0.022389	15785	9.893	57.267
13.6828	3.00034	50	50	50.001	24.37	0.297	0.014631	15785	10.185	54.915
13.6635	3.0001	50.004	50.001	49.996	24.46	0.296	0.027633	15785	10.286	54.452
13.6571	2.99922	50.003	49.999	49.997	24.94	0.29	0.010622	15785	10.527	54.995
13.6761	2.99175	50	50.001	50.007	25.35	0.295	0.013374	15785	10.91	54.692
13.662	2.99432	50	50.004	49.999	25.69	0.295	0.00874	15785	11.031	57.233
13.6591	2.99538	49.996	49.996	49.998	26.47	0.284	0.018707	15785	11.273	60.019
13.6688	2.99897	49.997	50.001	49.998	26.07	0.3	0.012225	15785	11.061	58.85
13.6552	2.99557	50.002	50.006	50	26.12	0.305	0.009054	15785	11.575	62.796
13.675	2.99708	50.004	50.001	49.999	25.05	0.296	0.0171	15785	9.177	84.3
13.6733	3.00279	50.001	50	49.998	25.78	0.299	0.0366	15785	8.532	88.888
13.6957	3.00968	50.001	50.001	49.996	24.4	0.287	0.023918	15785	8.017	92.036
13.6748	2.9993	49.997	50.001	49.999	24.41	0.3	0.017714	15785	8.219	91.551
13.6739	3.00165	50.003	50.002	50.002	24.42	0.301	0.01968	15785	8.239	90.754
13.6642	3.00271	49.999	49.997	50.001	26.1	0.286	0.021863	15785	8.048	91.42
13.654	2.99468	50	50.004	49.996	24.44	0.301	0.016192	15785	7.896	91.876
13.6515	2.99607	49.997	49.997	50.004	24.31	0.287	0.010582	15785	7.866	92.721
13.6939	3.00476	49.998	49.994	50	24.4	0.292	0.00461	15785	8.027	92.934
13.6613	3.00187	50.006	49.995	50	24.32	0.283	0.014801	15785	8.511	90.192

13.6781	3.00405	49.995	50.003	50.007	23.51	0.288	0.016443	15785	8.925	88.718
13.6569	2.9976	49.996	49.998	49.998	23.86	0.282	0.003718	15785	8.713	91.918
13.7099	3.01158	50	50.008	50.006	23.93	0.29	0.023	15785	9.237	90.398
13.6842	3.00533	50.003	50	49.997	24.11	0.282	0.01503	15785	9.177	93.578
13.659	2.99641	50.002	50.002	49.999	25.12	0.312	0.009822	15785	9.116	94.114
13.6501	2.99237	49.996	49.999	49.993	25.8	0.29	0.010912	15785	8.995	94.501
13.6861	3.00297	50.001	50	50.002	24.56	0.294	0.013739	15785	9.157	93.914
13.6612	2.99517	50	49.999	49.998	24.87	0.298	0.015263	15785	9.641	93.45
13.6512	2.99662	49.996	50.007	50.009	24.41	0.309	0.009974	15785	10.074	92.452
13.6698	2.99513	49.997	50.003	50.001	26.05	0.289	0.021349	15785	10.548	91.703
13.6967	3.00548	50	49.996	50.002	24.84	0.308	0.023718	15785	11.132	91.213
13.6831	3.00315	49.997	49.997	50.003	23.76	0.294	0.009117	15785	11.122	92.42
13.6712	2.99809	49.998	50.001	50.002	23.68	0.284	0.025829	15785	11.253	93.495
13.6617	2.99957	49.999	50.001	50.003	23.97	0.307	0.016879	15785	12.3	92.642
13.6593	2.99797	49.999	50.002	50.001	25.03	0.297	0.01103	15785	13.045	93.319
13.6819	3.00017	50.006	49.997	50.001	25.13	0.289	0.012254	15785	13.528	91.678
13.6912	3.00023	49.998	50.002	50.003	25.55	0.28	0.023143	15785	13.428	92.208
13.7107	3.00581	49.999	50.005	50.002	25.49	0.305	0.008896	15785	13.549	92.461
13.6676	2.99543	50.001	49.995	49.995	25.32	0.286	0.009883	15785	13.981	90.439
13.7003	3.00706	49.998	50	49.998	25.88	0.302	0.021154	15785	14.555	86.924
13.6504	2.99745	50.001	49.996	49.998	26.04	0.286	0.013824	15785	14.333	87.34
13.6768	2.997	50.005	49.999	49.997	25.78	0.303	0.026109	15785	14.675	86.239
13.6822	2.99761	49.996	50.001	50.004	26.17	0.28	0.019337	15785	14.585	87.683
13.6778	3.00387	49.999	49.998	49.995	26.47	0.275	0.007433	15785	14.696	87.074
13.6869	2.99813	49.998	49.998	50.002	26.47	0.295	0.014038	15785	14.273	90.47
13.6975	3.0022	49.995	50.004	50	26	0.302	0.010397	15785	14.515	90.257
13.672	3.0017	50.009	49.999	49.998	25.85	0.283	0.019636	15785	14.615	89.963
13.6973	2.99991	50.002	50.001	50	25.77	0.299	0.012832	15785	14.253	90.732
13.6777	3.00385	49.996	49.998	50	25.76	0.283	0.014256	15785	14.686	90.072
13.6995	3.01175	50	50.002	49.998	26.45	0.283	0.017949	15785	15.239	88.1
13.6542	2.99893	49.999	49.996	49.997	27.19	0.281	0.01173	15785	15.681	86.788
13.6749	3.00342	49.999	50.005	50	27.88	0.284	0.025106	15785	15.943	85.168
13.6802	3.00742	49.999	49.995	50.002	27.97	0.283	0.027892	15785	15.681	80.43
13.6993	3.00237	50	50	49.996	27.83	0.28	0.006307	15785	14.213	73.434
13.674	3.00191	50.003	50.001	49.996	27.35	0.286	0.007007	15785	14.052	65.626
13.6674	3.00266	50.001	50.003	50.001	26.92	0.277	0.014997	15785	13.73	65.345

13.6673	2.99935	50.001	49.999	50.003	26.84	0.281	0.028324	15785	13.267	72.022
13.6564	2.99765	49.997	49.992	50	27.03	0.283	0.007259	15785	12.965	76.741
13.682	3.00725	49.999	50.001	50.005	27.16	0.284	0.008064	15785	13.861	63.61
13.6561	2.99956	50.006	50.002	49.997	27.84	0.273	0.02589	15785	13.307	69.077
13.6964	3.00817	49.999	49.999	49.993	27.11	0.292	0.006635	15785	12.753	66.908
13.6632	3.00382	50	49.994	50.001	25.26	0.301	0.012531	15785	10.044	72.218
13.6785	3.00032	49.998	49.998	50.002	25.09	0.304	0.015777	15785	8.34	76.365
13.6634	3.00167	49.999	49.997	50.01	25.02	0.294	0.029796	15785	7.765	77.418
13.6357	2.99056	50.001	50.003	49.999	25.09	0.286	0.011454	15785	8.985	70.318
13.6633	2.99686	50.008	49.996	49.998	23.7	0.294	0.014421	15785	8.612	74.738
13.6884	3.00524	50	50.003	50.002	25.07	0.295	0.027236	15785	8.401	76.327
13.6791	2.99905	50	50.002	49.995	25.49	0.295	0.017799	15785	7.523	77.665
13.6526	2.98886	50	50	49.999	24.45	0.286	0.007754	15785	6.918	79.232
13.6482	2.99154	50	49.998	49.998	24.58	0.297	0.024896	15785	6.07	83.964
13.6613	2.99592	50.002	50.002	49.998	24.43	0.297	0.00957	15785	5.807	85.007
13.6495	2.9958	50.001	50.001	50.002	24.5	0.286	0.01205	15785	5.828	85.674
13.6664	2.99867	49.998	50.002	50	25.91	0.301	0.038687	15785	6.675	83.01
13.6534	2.99584	49.999	50.002	49.997	26.22	0.284	0.008748	15785	5.595	70.643
13.6494	2.99671	49.996	50	50.001	24.65	0.298	0.011014	15785	4.616	75.229
13.6802	3.00311	50	50.002	50.002	25.63	0.301	0.020802	15785	3.181	68.66
13.6548	2.99625	50	50.005	50.004	25.81	0.294	0.023109	15785	3.222	65.851
13.6593	2.99534	50.001	49.995	49.997	23.91	0.295	0.010068	15785	3.606	57.996
13.674	2.9986	49.997	50.005	50.002	25.21	0.302	0.011185	15785	4.131	53.057
13.665	2.99228	50.002	50	50	23.86	0.292	0.0043	15785	5.252	51.851
13.645	2.99853	49.999	50.002	50.003	23.43	0.305	0.00812	15785	5.585	45.372
13.6542	3.00115	50.001	49.999	49.99	23.96	0.298	0.026071	15785	5.888	41.828
13.6793	2.99796	49.998	50	49.998	24.93	0.297	0.032825	15785	5.848	40.259
13.6901	3.00608	50.001	49.996	49.999	24.84	0.302	0.007422	15785	5.707	38.83
13.6557	2.99642	50.001	50.002	50	25.7	0.308	0.040512	15785	4.778	45.366
13.6682	3.00108	50	50	49.997	25.16	0.295	0.026475	15785	3.08	49.874
13.6435	2.99807	49.999	50.003	49.998	26.14	0.3	0.029412	15785	2.019	57.318
13.6787	2.99988	50.001	49.999	50	25.3	0.306	0.055547	15785	1.888	56.443
13.6818	2.99869	49.997	50	50.004	25.62	0.314	0.021353	15785	1.605	56.285
13.6782	3.00483	50.007	50	50	25.67	0.311	0.040327	15785	1.423	56.657
13.6666	2.99916	50.002	50.001	49.995	25.21	0.318	0.026354	15785	1.2	59.475
13.6963	3.01352	49.998	49.996	50	25.25	0.321	0.049771	15785	0.937	61.425

13.6784	3.0066	50.003	50	50	25.36	0.307	0.019133	15785	0.472	63.501
13.6716	3.0011	49.998	49.997	50.002	25.79	0.316	0.036134	15785	-0.5	70.636
13.662	2.99665	49.998	50.002	49.996	25.85	0.303	0.023613	15785	-0.54	67.696
13.6634	3.00208	50.001	50.001	50.005	25.46	0.301	0.015431	15785	-0.925	69.097
13.6598	3.0043	49.997	50.004	50	25.74	0.312	0.010084	15785	-1.066	68.194
13.6707	2.99643	49.99	50.006	50.002	26.01	0.311	0.05504	15785	-1.168	65.772
13.6765	3.00583	50.003	49.997	50.004	25.6	0.324	0.035968	15785	-1.046	68.739
13.6482	3.00033	50.002	50.004	50.009	25.78	0.33	0.013827	15785	-1.593	71.979
13.68	2.99819	49.998	50.005	49.998	25.08	0.32	0.01024	15785	0.219	68.31
13.6419	2.99641	49.995	50.006	49.995	25.85	0.311	0.01934	15785	2.231	55.23
13.7031	3.00111	50.003	49.999	50.002	24.49	0.307	0.012639	15785	2.878	49.366
13.6553	2.99865	50.001	49.996	49.999	25.02	0.303	0.014041	15785	2.636	55.204
13.6674	3.00181	50	49.999	49.995	25.09	0.298	0.026517	15785	2.666	47.888
13.6549	2.99508	50.004	49.999	49.994	24.49	0.305	0.010194	15785	3.303	41.279
13.6526	2.99807	49.998	49.997	50.002	24.93	0.302	0.032728	15785	3.646	38.063
13.6678	2.99958	49.998	50	50.003	24.4	0.296	0.014258	15785	3.303	39.915
13.6772	3.00606	49.997	49.996	49.999	25.09	0.299	0.009318	15785	3.101	44.261
13.6573	2.99187	50.001	50	50.003	26.19	0.303	0.006089	15785	2.737	49.167
13.6656	2.99714	49.995	50.001	49.994	25.67	0.315	0.033234	15785	2.13	59.821
13.6712	3.00337	49.998	49.995	49.999	25.86	0.305	0.062767	15785	1.908	71.111
13.7088	3.00589	50.003	50.001	49.999	26.35	0.31	0.046487	15785	1.109	78.67
13.653	2.99802	50.003	50.002	50.006	26.05	0.303	0.01787	15785	0.492	85.685
13.6452	2.98994	49.995	50.003	49.998	26.04	0.309	0.013235	15785	-0.732	94.192
13.6787	3.00241	50.005	50.003	49.996	25.99	0.311	0.024996	15785	-0.783	95.03
13.6378	2.98938	49.998	50	50	26.42	0.313	0.027769	15785	-0.742	95.368
13.6538	2.99787	50.003	50.003	50.004	26.46	0.312	0.018147	15785	-0.722	95.581
13.6796	3.00845	50.001	49.998	50	26	0.314	0.058262	15785	-0.661	95.754
13.6703	3.00185	49.999	50.001	49.997	26.35	0.323	0.025383	15785	-0.601	95.81
13.6557	2.99369	50.004	49.999	49.997	26.4	0.313	0.028199	15785	-0.661	95.906
13.6389	2.99354	49.998	49.999	50	26.45	0.329	0.020885	15785	-0.783	95.985
13.6783	3.00541	49.996	49.998	50.001	26.44	0.32	0.013648	15785	-0.823	96.049
13.6527	2.99671	49.998	49.996	49.995	26.44	0.317	0.008919	15785	-0.833	96.084
13.6772	2.99755	49.998	50	49.995	26.39	0.302	0.028635	15785	-0.742	96.167
13.6547	2.99385	50.001	49.997	50.001	26.44	0.31	0.018713	15785	-0.58	96.233
13.6677	3.0035	50.003	50.001	50	26.12	0.31	0.023561	15785	-0.833	96.179
13.6615	3.00528	50.003	50.001	49.994	26.17	0.322	0.026175	15785	-2.403	95.648

13.6733	2.9988	49.996	50.004	49.994	25.9	0.322	0.049434	15785	-2.95	94.906
13.671	2.99958	49.996	49.999	49.998	25.88	0.318	0.011178	15785	-3.092	94.755
13.6331	2.99614	49.998	49.995	50.002	26.2	0.314	0.021111	15785	-3.193	94.577
13.6397	3.00095	50	50.005	49.997	26.03	0.314	0.02658	15785	-3.517	94.365
13.6833	3.00192	49.998	50.003	49.997	25.87	0.325	0.01737	15785	-4.145	93.92
13.6528	2.99783	50	50.005	50.004	26.42	0.322	0.006677	15785	-4.905	93.209
13.6867	3.00853	49.995	50	49.996	26.13	0.305	0.021438	15785	-6.274	92.135
13.6255	2.9871	50	49.999	49.999	25.99	0.309	0.023817	15785	-7.776	91.217
13.6618	3.00381	50	49.996	50	25.76	0.337	0.050977	15785	-9.928	90.238
13.6653	2.99772	49.999	49.998	49.997	25.43	0.341	0.006781	15785	-10.639	90.156
13.6834	3.00349	50.003	49.995	50.001	25.73	0.332	0.02177	15785	-11.798	89.687
13.6866	2.99965	50.005	49.994	49.998	25.52	0.341	0.024185	15785	-12.184	89.464
13.6834	3.00032	49.994	49.997	50	25.68	0.333	0.010537	15785	-12.408	89.535
13.668	3.0049	49.998	49.995	49.992	25.61	0.321	0.0199	15785	-13.343	88.574
13.6815	2.99787	50.004	49.999	49.992	25.39	0.32	0.025055	15785	-14.035	88.38
13.6426	2.99669	50.009	49.996	49.997	25.32	0.334	0.016373	15785	-14.137	88.491
13.6546	2.99784	50.005	49.997	49.979	25.5	0.349	0	15785	-14.544	88.228
13.6656	3.00375	50.005	50.001	50.001	25.79	0.326	0.005991	15785	-15.745	87.616
13.6828	3.00619	49.997	50	49.999	25.41	0.322	0.006655	15785	-15.256	87.678
13.6489	2.99421	49.999	50.005	50.001	25.53	0.32	0.014245	15785	-14.554	88.282
13.7024	3.01182	49.999	50.003	49.994	25.93	0.318	0.026903	15785	-12.591	88.741
13.6738	2.99898	50.002	49.998	49.999	25.08	0.318	0.019925	15785	-11.33	88.853
13.6855	3.00491	49.995	49.997	49.994	24.98	0.315	0	15785	-8.892	85.786
13.6537	2.99609	49.999	50	49.997	25.95	0.3	0.032886	15785	-6.782	79.336
13.6679	3.00036	50.003	49.996	49.999	24.62	0.3	0.012642	15785	-6.619	73.414
13.6874	3.00995	49.998	49.995	49.998	26.39	0.292	0.014044	15785	-4.794	69.988
13.6285	2.98679	35.924	32.08	32.16	8.57	0.329	0	15785	-5.118	75.568
13.6528	2.99551	50.002	49.998	49.997	25.14	0.299	0.021021	15785	-4.875	79.458
13.6641	3.00277	50.005	50	50.01	25.74	0.313	0.023353	15785	-4.652	83.326
13.6719	2.9984	50.006	49.995	50.003	25.77	0.314	0.044104	15785	-4.571	83.324
13.6865	3.00973	49.998	50.001	49.993	25.97	0.311	0.019214	15785	-3.72	83.728
13.6691	3.00569	49.999	50.004	49.999	25.8	0.31	0.021346	15785	-3.476	82.642
13.6949	3.00581	49.993	49.996	49.995	25.74	0.304	0.040314	15785	-3.243	81.039
13.6907	3.00365	50.001	50.004	50.002	25.92	0.309	0.026345	15785	-3.051	80.563
13.6699	2.99941	49.996	50.002	49.999	25.98	0.307	0.029268	15785	-2.767	79.159
13.651	2.99925	49.994	50.005	49.999	25.95	0.305	0.019127	15785	-2.281	75.943

13.6692	3.00098	50.001	50.009	49.999	26.2	0.313	0.024082	15785	-3.01	77.823
13.6803	3.00293	50.002	50	49.998	26.16	0.309	0.009257	15785	-3.112	77.613
13.6873	3.00167	49.997	49.996	49.994	26.11	0.314	0.029721	15785	-3.943	79.443
13.6678	3.00702	49.996	49.996	49.999	25.8	0.309	0.019423	15785	-3.72	80.18
13.673	3.00418	49.995	50.002	50.008	25.83	0.321	0.036682	15785	-4.49	83.453
13.7047	3.0084	49.995	49.999	49.997	25.82	0.306	0.014101	15785	-4.956	84.599
13.6394	2.99412	50.004	50.002	50	26.44	0.299	0.026631	15785	-6.812	88.043
13.6879	3.00221	50.002	49.998	49.998	24.41	0.295	0.019724	15785	-4.611	84.464
13.6885	3.00275	50	50.001	49.992	23.72	0.307	0.03725	15785	-2.322	81.301
13.6957	3.00172	50.004	49.998	49.994	24.99	0.301	0.014319	15785	-0.378	80.097
13.655	2.99678	49.996	50.002	50.002	26.14	0.31	0.005504	15785	0.229	78.547
13.6649	2.99607	50.006	50	50.001	24.47	0.297	0.017673	15785	1.16	76.591
13.6595	2.99812	50.001	49.997	49.999	26.44	0.288	0.037827	15785	4.242	67.534
13.6647	2.99907	50.002	49.997	49.996	28.43	0.285	0.008554	15785	4.848	67.033
13.649	2.99545	50.006	49.999	49.997	28.24	0.287	0.018308	15785	3.616	71.528
13.69	2.99837	49.998	49.994	49.999	25.14	0.296	0.011964	15785	2.11	76.114
13.6594	2.99642	50.003	49.998	50.008	26.54	0.288	0.013292	15785	0.836	80.375
13.667	3.00599	49.997	50.003	49.999	26.47	0.31	0.042674	15785	-1.734	86.13
13.6704	2.99865	50.003	50	49.996	26.06	0.305	0.016404	15785	-2.788	87.753
13.6795	3.00507	50	50	49.998	26.47	0.317	0.01072	15785	-2.919	90.131
13.6755	3.00099	49.998	50	50.006	26.46	0.304	0.020246	15785	-3.902	88.727
13.6797	3.00091	50	50.003	50	26.47	0.306	0.038237	15785	-4.348	88.932
13.6818	3.00158	49.995	49.999	49.997	26.51	0.318	0.042479	15785	-4.551	90.97
13.6706	2.99712	50.001	50	49.995	26.31	0.294	0.02776	15785	-5.828	91.447
13.6873	3.00387	49.999	49.998	50	26.47	0.306	0.018141	15785	-5.605	91.761
13.6525	3.00347	49.995	50.001	50	26.34	0.305	0.011855	15785	-6.234	94.032
13.6849	3.00073	49.998	50.002	49.999	26.29	0.311	0.022389	15785	-6.65	90.945
13.657	3.00019	49.999	49.994	49.998	26.47	0.312	0.024873	15785	-7.005	92.007
13.6581	2.99406	50.002	49.999	49.999	26.47	0.31	0.027633	15785	-5.017	92.986
13.6503	2.99551	50	50.002	50	26.62	0.309	0.030699	15785	-4.672	92.582
13.6738	2.99871	50.005	49.996	49.999	26.62	0.299	0.038652	15785	-4.166	93.494
13.6917	3.00353	49.997	49.995	50.009	26.47	0.319	0.00874	15785	-3.294	91.236
13.6609	2.99835	50.001	49.998	50.006	24.57	0.303	0.005712	15785	-1.168	86.056
13.6723	3.00501	50.01	50.001	49.998	27.09	0.301	0.031174	15785	1.352	80.071
13.6712	2.99785	50	49.998	50.003	28.53	0.292	0.034633	15785	3.08	75.876
13.6833	3.00045	50.001	50.001	50.005	29.91	0.29	0.022632	15785	4.707	69.633

13.663	3.00398	50.004	49.999	49.998	29.37	0.295	0.016762	15785	4.192	72.486
13.6364	2.9933	49.997	50.001	50.002	28.49	0.297	0.018622	15785	3.495	74.471
13.6934	3.00966	50	49.995	50.001	26.41	0.297	0.023446	15785	3.586	73.811
13.6701	3.00157	49.997	50	49.998	25.48	0.296	0.026047	15785	2.717	78.548
13.6658	3.00354	49.999	50.003	50.006	25.8	0.303	0.028937	15785	1.503	83.409
13.6723	2.99645	50.004	49.998	50.009	25.91	0.308	0.01891	15785	1.139	85.226
13.6661	3.00811	50.002	49.993	49.995	25.84	0.307	0.023809	15785	1.423	85.384
13.681	3.00885	50.002	49.995	50.007	26.46	0.309	0.015559	15785	1.544	84.437
13.6653	2.99489	49.998	50.003	50.004	26.47	0.306	0.011524	15785	1.352	85.809
13.6568	2.99833	50.001	49.998	50.005	26.34	0.303	0.021763	15785	0.371	88.122
13.656	2.99609	50	49.996	49.999	26.45	0.29	0.014222	15785	0.816	89.023
13.646	2.99675	50.005	50.001	50.004	26.36	0.304	0.0158	15785	2.919	85.434
13.6893	3.00641	50.003	49.997	50.003	25.66	0.298	0.019893	15785	4.454	80.133
13.6514	2.99917	49.999	50.004	50	25.88	0.294	0.037571	15785	4.677	79.102
13.643	2.98942	49.997	50.006	50.007	26.47	0.294	0.027826	15785	5.363	74.124
13.6643	2.99826	50.001	50	50.001	25.09	0.303	0.010697	15785	4.535	74.535
13.6712	3.00366	50.003	50.003	49.995	25.07	0.299	0.020201	15785	4.414	74.51
13.6786	3.00409	50.003	50.002	49.997	25.87	0.309	0.025435	15785	4.172	74.309
13.6636	3.00006	49.999	49.999	50.001	26.47	0.311	0.028257	15785	4.111	73.691
13.6647	2.99276	50.002	49.999	50.004	24.44	0.301	0.01231	15785	4.677	71.453
13.6664	3.00454	49.997	49.997	49.997	23.76	0.295	0.02325	15785	5.606	67.975
13.6512	2.99398	50	50.002	50	24.4	0.307	0.025829	15785	6.272	67.482
13.6816	3.00394	50.002	50.001	50.002	25.33	0.294	0.016879	15785	7.644	66.022
13.6517	2.99488	49.998	50.002	50	24.4	0.295	0.007354	15785	7.2	70.769
13.6502	2.99799	50.003	49.999	49.995	24.42	0.291	0.013888	15785	8.209	70.09
13.6989	3.00759	49.998	50	49.999	24.37	0.296	0.009076	15785	8.128	73.042
13.6563	2.99593	49.999	50.001	49.997	23.77	0.29	0.017141	15785	8.511	73.224
13.6694	2.99892	49.992	50.001	50.01	24.41	0.288	0.012695	15785	8.491	74.788
13.6673	2.99834	50	49.997	49.999	24.47	0.295	0.00488	15785	8.511	73.378
13.6766	2.99925	50.003	50.003	50.005	24.31	0.294	0.026635	15785	8.582	76.26
13.6538	2.99552	49.998	49.999	50.001	24.42	0.297	0.010239	15785	8.693	75.649
13.6641	2.99713	49.995	50.006	50.002	23.86	0.296	0.021915	15785	8.935	73.125
13.6681	3.00311	50	50.003	50	25.77	0.289	0.014322	15785	9.036	72.466
13.6583	2.99757	49.999	49.997	49.994	23.74	0.309	0.01591	15785	9.358	71.16
13.6772	3.00447	49.999	49.998	50	26.54	0.294	0.034055	15785	9.52	74.534
13.6877	3.00531	50.006	50.01	49.998	25.19	0.306	0.013091	15785	7.987	88.259

13.693	3.00658	49.999	49.998	50	25.6	0.3	0.02802	15785	7.533	92.122
13.6644	2.99279	50	50	50.008	25.07	0.296	0.018311	15785	7.513	92.881
13.6656	3.00413	49.997	49.994	49.991	25.09	0.308	0.007039	15785	7.967	91.722
13.6491	2.99644	49.998	50.001	50	26.14	0.287	0.022599	15785	8.814	91.338
13.6618	2.99682	50.002	49.998	49.999	24.4	0.305	0.028454	15785	10.074	89.724
13.6867	3.00675	50.001	50.003	49.999	24.01	0.285	0.010938	15785	10.648	87.925
13.6645	3.00093	50	49.994	50.001	24.41	0.283	0.012152	15785	11.011	86.422
13.6799	2.99644	50	50.002	50.002	25.05	0.296	0.0153	15785	11.626	85.208
13.6672	3.00303	50.003	50.001	49.997	25.6	0.293	0.016997	15785	12.19	85.033
13.6786	3.00306	49.995	50.001	49.995	25.32	0.305	0.032101	15785	12.441	85.945
13.6775	2.99772	50.004	50.003	50.003	25.57	0.284	0.020978	15785	12.159	89.846
13.6722	2.99579	49.996	50.001	50.003	26.47	0.288	0.008064	15785	13.428	87.589
13.68	3.00027	49.996	49.999	50	26.47	0.281	0.02589	15785	14.565	84.048
13.6569	2.99566	50.003	50.003	49.999	27.41	0.304	0.009952	15785	14.927	83.716
13.6543	2.99349	49.998	50.004	50	28.49	0.301	0.011057	15785	15.591	81.118
13.6477	2.99667	49.993	50	50.004	28.54	0.288	0.008189	15785	15.339	82.159
13.6536	3.00272	49.996	50.003	49.999	28.51	0.29	0.015465	15785	14.997	83.828
13.6833	3.00231	49.997	50.003	50.004	28.34	0.276	0.019472	15785	14.927	82.364
13.6733	3.00207	49.999	50.001	50	27.84	0.287	0.00259	15785	14.454	83.388
13.669	3.0007	50.004	50.005	49.998	27.32	0.29	0.040855	15785	14.032	85.227
13.6742	3.00183	49.997	50.006	49.998	27.15	0.287	0.005434	15785	13.911	84.091
13.6641	2.99846	49.997	49.999	50.001	27.01	0.286	0.017447	15785	13.569	84.687
13.647	2.99377	50.004	50.007	49.997	25.66	0.295	0.003945	15785	12.542	91.468
13.709	3.01017	49.998	50.002	49.995	25.11	0.289	0.021533	15785	12.482	91.852
13.6633	2.99588	49.998	49.998	50.001	25.09	0.292	0.008278	15785	12.411	92.89
13.6888	3.00262	49.999	50	50.001	25.05	0.28	0.026576	15785	10.064	88.889
13.6634	2.99952	49.999	49.993	50.001	26.38	0.304	0.019683	15785	7.039	94.01
13.6605	3.00193	50.003	49.999	50.008	24.62	0.286	0.012863	15785	7.039	94.259
13.6624	3.00067	49.998	50.003	50.002	25.09	0.298	0.041298	15785	5.363	92.849
13.6537	2.99623	50	49.997	49.999	25.86	0.306	0.015875	15785	4.172	91.925
13.6764	2.99805	50.002	49.999	50.001	26.43	0.306	0.011758	15785	3.384	92.81
13.6849	3.00228	49.997	49.997	50.005	26.59	0.314	0.013062	15785	2.636	92.995
13.6702	3.00517	49.998	50.002	50	25.95	0.316	0.024669	15785	2.615	93.496
13.6794	2.99945	50.001	50	50.002	26.45	0.308	0.03106	15785	2.474	93.498
13.7037	3.01289	50.004	49.998	49.998	26.47	0.304	0.034506	15785	2.343	92.813
13.6494	2.99467	49.999	50	49.999	26.36	0.309	0.013264	15785	2.312	91.614

13.6418	2.99993	49.997	50.002	49.999	26.02	0.315	0.009824	15785	2.161	91.821
13.6547	2.99427	50.001	49.997	50.005	26.47	0.307	0.018554	15785	1.706	92.211
13.6395	2.98672	50.002	50	50.001	26.58	0.3	0.03504	15785	1.402	89.069
13.6743	2.9964	49.999	49.999	49.997	26.49	0.307	0.01347	15785	1.069	87.913
13.6722	3.00103	50.005	49.995	49.995	26.47	0.317	0.025439	15785	0.654	87.595
13.652	2.99127	49.995	50.001	50.002	26.52	0.327	0.03203	15785	0.512	87.217
13.64	2.99893	50.004	50	49.997	26.48	0.313	0.012312	15785	0.431	86.761
13.6966	3.00045	50.001	49.999	50.002	25.92	0.3	0.015502	15785	0.239	86.604
13.6577	2.99997	50.001	49.996	50	26.39	0.297	0.017222	15785	0.189	85.741
13.6624	2.9974	50	49.996	50.004	26.53	0.324	0.011255	15785	0.067	85.689
13.6317	2.98865	49.996	50.002	50.002	26.51	0.309	0.01417	15785	-0.115	87.055
13.6965	3.00508	50.005	50.001	49.999	26.5	0.327	0.026762	15785	-0.287	85.776
13.6729	3.0004	50.002	49.999	50.005	26.28	0.306	0.029731	15785	-0.5	85.614
13.6407	2.99503	50.001	50.002	50.003	26.11	0.326	0.019429	15785	-0.479	85.488
13.6788	3.00174	49.998	49.997	49.998	26.14	0.312	0.041586	15785	-0.479	86.618
13.6966	3.00695	49.997	50.004	50.004	26.48	0.313	0.015986	15785	-0.56	86.208
13.666	2.99537	50.002	50	49.995	26.42	0.316	0.030191	15785	-0.783	86.628
13.6961	3.00582	49.998	50.006	50.006	26.47	0.304	0.022361	15785	-0.833	86.981
13.7003	3.00927	50.004	49.997	49.992	26.48	0.296	0.037262	15785	-0.965	87.204
13.6569	2.99995	50.003	49.996	49.994	26.46	0.318	0.014324	15785	-0.742	86.854
13.6826	3.00569	50.004	49.997	49.998	26.54	0.318	0.018035	15785	-0.226	86.268
13.6948	3.00373	50.002	49.999	50	26.49	0.299	0.03406	15785	0.543	84.658
13.6789	3.00349	49.996	50	50.001	25.85	0.315	0.013093	15785	1.433	82.501
13.6547	3.00338	50.002	50	50.003	25.12	0.305	0.016485	15785	1.867	81.795
13.6708	2.99635	49.994	50.002	49.999	25.52	0.31	0.018314	15785	1.969	81.103
13.6635	2.99771	50.002	50.004	50.001	25.84	0.294	0.023059	15785	2.151	81.845
13.6708	2.99759	50	50.005	50.003	26.23	0.304	0.015069	15785	1.969	81.937
13.6541	3.00392	50.001	49.999	49.998	26.09	0.308	0.018973	15785	1.746	81.213
13.7042	3.00843	50	49.998	49.997	26.08	0.306	0.035832	15785	1.321	80.854
13.664	2.99635	50.003	50.002	49.996	26.46	0.31	0.039807	15785	1.22	81.231
13.678	3.00022	50	49.997	50.004	26.35	0.308	0.026014	15785	0.998	81.179
13.6804	2.99665	50.003	50.001	50.006	26.03	0.298	0.049129	15785	0.532	82.244
13.6709	2.99608	49.999	49.998	50.001	25.91	0.309	0.018886	15785	-0.317	86.832
13.6706	3.00252	49.998	50.011	49.998	26.53	0.308	0.023778	15785	-0.965	88.833
13.6701	2.99613	49.999	50	49.997	26.49	0.323	0.026416	15785	-1.147	88.24
13.657	2.99895	50.004	49.995	49.997	26.13	0.315	0.017263	15785	-1.309	88.008

13.6754	2.99869	49.998	50	50.007	26.47	0.313	0.032603	15785	-1.471	87.607
13.6897	3.00345	50	49.998	49.999	25.98	0.32	0.021306	15785	-1.876	87.291
13.6929	3.00173	49.998	50.005	49.997	26.48	0.322	0.02367	15785	-2.139	89.274
13.6912	3.00195	49.998	50.006	49.998	26.47	0.324	0.026296	15785	-2.139	86.5
13.6782	3.00403	50	49.997	50	26.47	0.322	0.025776	15785	-2.2	83.923
13.6648	2.99655	50.002	50	50	26.42	0.312	0.028636	15785	-2.099	83.284
13.6595	3.00032	50	49.996	49.998	26.47	0.312	0.011008	15785	-2.058	76.544
13.6915	3.00012	49.999	50.001	49.999	26.46	0.326	0.012229	15785	-1.734	73.585
13.6643	2.9967	50.006	49.998	49.997	25.97	0.315	0.013586	15785	-0.439	72.662
13.7022	3.00869	50.001	50	49.996	25.53	0.308	0.025658	15785	1.109	71.539
13.6722	3.00367	50.005	49.997	50.001	24.28	0.297	0.009863	15785	2.878	74.742
13.6798	3.0072	49.995	49.999	49.999	23.98	0.297	0.012418	15785	3.02	76.823
13.6727	3.00525	50.001	49.995	49.999	24.47	0.302	0.013796	15785	3.384	76.923
13.6608	3.00367	50.005	50.001	50	24.11	0.3	0.015327	15785	3.99	75.82
13.6903	3.00799	50.004	50.002	50.002	25.78	0.298	0.019297	15785	4.475	74.372
13.6428	3.0008	49.998	50.002	49.998	25.1	0.309	0.012611	15785	4.333	73.762
13.694	3.0005	49.998	49.994	49.997	26.78	0.302	0.040489	15785	4.151	78.041
13.6832	3.00427	50.001	50.002	49.996	26.47	0.3	0.026459	15785	3.727	81.035
13.6899	3.00297	49.998	50.004	49.998	25.67	0.307	0.011527	15785	3.232	82.558
13.656	3.00029	50.002	50.003	49.997	25.81	0.313	0.02177	15785	3.091	83.098
13.667	2.99966	49.996	50.002	49.993	25.91	0.319	0.024186	15785	2.898	83.397
13.6782	2.99604	49.997	49.998	50.004	25.48	0.296	0.017913	15785	2.939	83.475
13.6759	2.99838	50	50.001	49.995	26.32	0.298	0.03383	15785	3	77.377
13.6565	2.99106	49.999	50.002	49.996	25.55	0.304	0.013004	15785	2.777	63.987
13.6488	2.99942	50.002	50.001	50.004	25.58	0.303	0.008498	15785	2.434	66.594
13.6688	3.00147	49.994	49.994	49.997	25.97	0.32	0.0107	15785	2.191	64.885
13.6771	3.00393	50.005	50.003	50.004	25.77	0.303	0.034354	15785	2.08	68.347
13.6816	2.99996	50.003	50.002	49.994	26.15	0.313	0.013206	15785	2.049	67.236
13.6424	2.9961	50	50.006	50.006	25.82	0.314	0.014671	15785	1.888	69.769
13.658	2.99201	49.999	49.996	49.998	26.25	0.32	0.018472	15785	1.969	70.275
13.6814	3.00113	50	49.998	49.999	26.47	0.319	0.020521	15785	1.867	74.233
13.6785	3.00351	50.004	50.002	50.004	26.31	0.291	0.022798	15785	2.049	75.657
13.6652	2.993	50.006	50.007	50	26.45	0.292	0.025327	15785	2.049	78.736
13.6863	3.00337	49.998	50.001	50.005	26.38	0.306	0.028137	15785	2.151	83.675
13.6736	3.00108	50.005	50.002	49.998	26.47	0.313	0.010816	15785	1.948	88.786
13.6657	2.99869	50.001	50.001	50	25.79	0.302	0.023151	15785	2.898	87.578

13.6509	2.99672	50.008	49.998	50.005	25.37	0.299	0.025719	15785	3.899	84.594
13.6599	2.99161	50.002	50.015	50	26.15	0.289	0.048573	15785	4.353	82.469
13.6626	3.00675	50.006	50	49.998	25.79	0.284	0.010984	15785	4.172	83.929
13.6795	3.00186	50	50	49.997	25.87	0.3	0.007178	15785	3.838	85.977
13.6885	3.00067	50	49.998	50.002	25.92	0.3	0.009037	15785	3.464	91.59
13.6569	2.99982	49.999	50	50.001	25.56	0.303	0.017068	15785	3.737	92.556
13.6668	3.00448	49.996	50.003	50	26.47	0.303	0.018961	15785	3.747	92.744
13.6579	2.99792	49.994	49.996	49.996	25.55	0.301	0.023873	15785	4.03	92.944
13.6927	2.99858	49.998	50.001	50.003	25.47	0.292	0.005398	15785	4.111	94.754
13.6546	2.9981	50	50	50.001	25.24	0.292	0.029464	15785	4.596	95.613
13.6579	2.99987	50.001	49.997	50.001	25.09	0.29	0.011326	15785	5.282	95.686
13.6352	2.99002	49.998	49.999	49.999	24.69	0.294	0.012583	15785	5.565	95.766
13.6708	2.999	49.996	50.003	49.995	25.76	0.284	0.009319	15785	5.949	94.944
13.702	3.00674	50	50.004	50	25.42	0.287	0.029921	15785	5.656	94.741
13.635	2.99461	50.003	50.001	50.004	26.47	0.292	0.03324	15785	5.111	95.035
13.6666	2.99918	50.003	49.998	50.002	25.83	0.301	0.062778	15785	4.707	95.006
13.6996	3.00411	49.995	50.004	49.997	24.85	0.307	0.016088	15785	4.475	91.439
13.6729	2.99769	50	49.998	50.001	24.86	0.294	0.017873	15785	4.333	88.356
13.6639	2.99819	50	49.994	50.003	25.1	0.301	0.033755	15785	3.02	87.892
13.6569	3.00093	49.998	49.999	49.998	25.85	0.309	0.025	15785	1.928	84.124
13.662	3.00243	49.998	49.997	50.013	21.73	0.317	0	15785	2.353	81.45
13.6805	2.99828	49.999	50.004	49.998	25.59	0.297	0.019243	15785	3.02	76.257
13.6513	2.99546	49.996	50	49.994	25.76	0.3	0.014252	15785	4.313	71.095
13.6672	2.99791	50.003	50.006	50.002	24.42	0.295	0.009314	15785	4.778	72.013
13.6641	3.00011	49.998	50.001	50	26.47	0.307	0.03389	15785	6.11	70.428
13.6628	2.99534	49.995	50.005	50.007	24.83	0.296	0.014765	15785	5.787	66.855
13.6742	2.99956	49.998	49.996	50.004	24.49	0.295	0.006432	15785	6.242	65.662
13.6437	2.99082	50.001	49.999	50.002	24.44	0.292	0.012148	15785	4.868	71.799
13.6659	3.0005	50.006	49.997	50.001	25.51	0.288	0.026002	15785	4.475	74.673
13.6345	2.99557	49.998	49.994	49.998	25.66	0.313	0.00588	15785	3.646	78.536
13.6439	2.99337	49.999	50.01	50.008	26.4	0.294	0.036371	15785	3.404	80.087
13.6946	3.00979	49.998	49.999	49.999	25.74	0.291	0.015845	15785	3.353	79.695
13.6731	3.00448	49.997	49.999	50.002	25.15	0.288	0.017603	15785	3.08	82.01
13.684	3.00731	50.005	50.001	50	25.27	0.299	0.013037	15785	1.827	88.581
13.6679	2.99873	49.997	50	50.006	25.22	0.289	0.024623	15785	1.817	88.771
13.6551	3.00095	50.006	49.999	50.005	25.36	0.302	0.018236	15785	1.605	89.545

13.7085	3.00543	50.002	49.998	49.998	25.66	0.284	0.011917	15785	0.917	91.119
13.6619	3.00078	49.999	50.002	49.999	25.78	0.299	0.015005	15785	0.836	92.685
13.6432	2.99495	50.002	49.999	50	26.47	0.302	0.028338	15785	0.027	93.303
13.6682	3.00069	50.001	50.005	49.999	26.33	0.298	0.012346	15785	-0.641	94.839
13.64	2.99956	49.997	50.001	50.003	26.48	0.316	0.015544	15785	-0.763	94.65
13.6759	3.00638	50.002	49.994	49.996	25.87	0.298	0.017269	15785	-0.823	94.089
13.6557	3.00254	50.005	50	49.996	26.46	0.285	0.01279	15785	-0.601	93.168
13.707	3.01069	50.002	49.997	50.002	26.47	0.302	0.014209	15785	-0.419	92.682
13.6851	3.00089	50.002	49.996	50	26.47	0.29	0.045618	15785	-0.338	92.082
13.642	2.99409	50.006	50.007	49.998	26.38	0.298	0.033786	15785	0.229	90.665
13.6903	3.00298	50	50.001	50.001	26.47	0.294	0.012988	15785	0.472	90.336
13.6688	3.0044	50	49.997	49.996	25.97	0.311	0.009619	15785	0.148	86.19
13.6702	3.00015	50.002	50	49.997	25.55	0.297	0.018167	15785	0.856	80.938
13.6861	3.00015	49.998	49.998	49.997	25.11	0.298	0.007915	15785	0.735	82.542
13.6623	3.00421	50	50.001	50.002	26.43	0.305	0.014947	15785	-0.459	90.708
13.6625	3.00156	50.007	50.001	50.005	26.32	0.307	0.01107	15785	0.32	80.42
13.6632	3.00215	50.004	50.001	50.005	26.47	0.321	0.020908	15785	-0.206	79.483
13.6687	3.0085	50.004	49.999	49.989	26	0.314	0.015485	15785	-0.247	80.589
13.6394	2.99445	50.003	49.997	49.995	25.76	0.302	0.017203	15785	-0.216	85.334
13.6608	2.99805	49.999	49.997	49.998	25.81	0.302	0.021659	15785	-0.135	84.47
13.6762	3.00416	49.998	49.998	49.994	26.12	0.294	0.024062	15785	-0.439	86.499
13.6782	3.00783	50	49.997	49.998	25.96	0.296	0.006167	15785	-0.449	84.35
13.678	3.00684	50	50.003	50.004	26.31	0.315	0.019798	15785	-1.279	88.29
13.6689	2.99821	50	50.002	50.001	26.07	0.298	0.024928	15785	-1.319	88.363
13.6921	3.00353	50.005	50.001	49.995	26.06	0.322	0.01629	15785	-1.674	89.997
13.6623	2.99474	49.997	49.997	50.003	26.47	0.324	0.010645	15785	-1.977	90.668
13.6475	2.98905	49.998	49.997	49.998	26.47	0.31	0.022786	15785	-0.813	88.284
13.6973	3.00705	50.002	50.001	50.001	26.5	0.31	0.01489	15785	-0.803	89.898
13.7102	3.00875	49.998	49.996	49.995	26.46	0.315	0.018748	15785	-0.54	90.074
13.6541	2.99492	49.999	50.001	50	26.51	0.31	0.012252	15785	-0.115	88.76
13.6451	2.99971	49.999	50.006	50.001	26.34	0.309	0.009074	15785	-0.176	89.165
13.696	3.00873	49.998	50	50	26.24	0.311	0.017137	15785	-0.004	89.503
13.6803	3.00274	50.002	50.002	50.003	26.02	0.306	0.011199	15785	-0.145	89.882
13.6804	3.00116	49.995	50.001	50	26.16	0.31	0.023971	15785	-0.186	90.637
13.6651	3.00445	50.001	50.001	50	25.68	0.316	0.02663	15785	0.128	88.612
13.6658	2.99465	50	49.998	50.004	26.24	0.309	0.019723	15785	0.34	87.644

13.6591	2.99606	50	50.002	50.004	25.44	0.32	0.021911	15785	0.684	86.564
13.6536	2.99107	49.999	50.002	50.001	26.47	0.31	0.024342	15785	1.089	86.184
13.6551	2.99709	50.003	50	50.003	25.87	0.322	0.018028	15785	1.048	88.146
13.6519	2.9914	49.997	49.996	49.999	26.62	0.308	0.011781	15785	0.826	88.025
13.6936	3.00406	50.003	49.996	49.999	26.47	0.325	0.02225	15785	0.573	87.853
13.6942	3.00238	49.998	49.994	50.004	26.5	0.314	0.01454	15785	0.532	88.228
13.6666	2.99307	50.001	50.001	50.001	26.47	0.312	0.010769	15785	0.644	90.07
13.6472	2.99801	50.001	49.995	50.001	26.51	0.307	0.020338	15785	0.674	88.711
13.6952	3.005	49.994	49.995	50	26.47	0.316	0.025608	15785	0.715	89.144
13.6778	2.99331	49.999	50.001	50.003	25.85	0.324	0.028449	15785	-0.884	92.214
13.6946	3.00436	49.994	50.003	50.001	26.74	0.304	0.018591	15785	-0.823	91.789
13.6744	2.99811	49.999	49.998	50	26.56	0.307	0.007147	15785	-0.945	92.736
13.6894	3.00603	50	49.999	50.001	26.58	0.32	0.013497	15785	-1.815	94.004
13.6581	2.99896	50.002	50.001	50.001	26.48	0.32	0.00882	15785	-1.684	93.457
13.653	2.99488	49.998	49.998	49.998	26.56	0.305	0.024987	15785	-2.008	92.975
13.6845	3.00279	50.001	49.999	50.006	26.62	0.313	0.04719	15785	-2.028	92.496
13.6851	3.00553	49.998	50.001	49.996	26.69	0.317	0.020559	15785	-2.545	94.029
13.6792	3.00004	50.002	49.998	50	26.47	0.316	0.02284	15785	-2.464	92.887
13.6654	3.00208	50.005	49.998	50.002	26.56	0.311	0.014926	15785	-3.264	93.493
13.6713	3.0023	50.003	49.995	49.996	26.4	0.306	0.028189	15785	-1.451	90.85
13.6801	3.00015	50.002	50.007	50.004	24.74	0.29	0.018421	15785	0.755	87.103
13.6533	2.99458	50.005	50.003	50.004	26.27	0.304	0.023194	15785	3.06	84.822
13.6715	2.99417	50.002	49.995	50	27.98	0.302	0.015157	15785	5.343	78.981
13.6832	3.00396	49.998	50.003	50	29.23	0.292	0.016838	15785	7.019	72.717
13.6639	2.98804	50.001	49.999	50.002	29.72	0.301	0.012471	15785	8.037	69.685
13.683	3.00598	50.003	50.005	50.005	29.92	0.29	0.023553	15785	8.511	68.542
13.6683	2.99967	49.998	50	50.006	29.35	0.296	0.005326	15785	8.31	71.195
13.6385	2.99354	50	50	50.001	27.93	0.299	0.017099	15785	6.897	76.409
13.6865	3.00009	50.006	50.001	50.005	26.51	0.306	0.018996	15785	4.717	82.343
13.6678	2.999	50.006	50.001	50.004	25.78	0.315	0.014069	15785	3.343	87.384
13.664	2.99331	50	49.998	50.007	26.47	0.321	0.017714	15785	3.02	87.302
13.6889	3.00467	49.995	50.003	50.002	26.44	0.307	0.019679	15785	2.454	88.549
13.7023	3.00737	49.996	50.005	49.993	26.62	0.316	0.037166	15785	1.746	90.13
13.6576	2.99932	50.003	50	50.004	26.47	0.328	0.027526	15785	0.31	94.172
13.6449	2.99877	49.999	50.007	50.005	26.68	0.315	0.017988	15785	-1.006	94.813
13.7106	3.00813	50.003	50.003	50.003	26.82	0.312	0.013323	15785	-1.309	95.257

13.6452	2.99541	49.999	49.998	50	26.85	0.315	0.025161	15785	-1.532	95.389
13.6818	3.00126	50.005	49.998	50.005	26.47	0.314	0.016443	15785	-1.724	95.372
13.6507	2.99554	49.994	49.993	50.004	26.68	0.322	0.031054	15785	-1.795	95.428
13.6566	2.99585	50.008	50.001	50.005	26.81	0.316	0.007958	15785	-2.261	95.331
13.6711	2.99667	49.998	50.003	50.002	26.7	0.328	0.025551	15785	-2.403	95.215
13.7116	3.00753	50.001	50.002	50.007	26.68	0.331	0.016697	15785	-2.241	95.243
13.6709	3.00416	49.998	49.999	50.001	26.6	0.315	0.010912	15785	-2.777	95.031
13.6644	2.9986	50	49.995	49.996	26.79	0.313	0.012122	15785	-2.879	95.002
13.674	3.00357	50.007	50	50.001	26.29	0.323	0.025947	15785	-2.312	95.241
13.6625	2.99917	50.003	50.002	50.002	26.45	0.296	0.016956	15785	-0.854	95.164
13.6791	3.00442	50.003	49.998	49.999	25.17	0.301	0.006518	15785	2.353	90.31
13.6749	2.9968	49.997	49.997	49.996	25.8	0.313	0.008207	15785	3.838	80.208
13.6934	3.00502	50.004	49.998	49.999	25.18	0.304	0.029862	15785	3.889	82.244
13.6693	3.00155	49.997	50.001	50.004	26.03	0.295	0.019514	15785	5.383	78.868
13.6568	2.99719	50.004	50	49.994	26.74	0.298	0.014453	15785	4.737	83.464
13.6841	3.00549	50.005	50.003	49.994	25.22	0.32	0.016056	15785	3.07	89.416
13.6515	2.99561	49.998	49.998	49.997	26.47	0.312	0.034367	15785	2.252	92.031
13.6579	2.99605	49.998	49.999	50	26.64	0.318	0.03818	15785	1.726	92.601
13.6609	3.00431	49.998	49.999	50	26.51	0.312	0.024951	15785	1.241	92.309
13.6953	3.00427	49.995	49.997	49.999	26.53	0.312	0.01087	15785	0.067	92.995
13.7076	3.00658	50	50	50.001	26.54	0.31	0.0349	15785	-0.226	94.38
13.6656	2.99634	50	50.004	50	26.66	0.33	0.038772	15785	0.189	93.665
13.6449	2.99882	50.001	49.999	49.995	26.13	0.308	0.016891	15785	-0.925	92.88
13.6472	2.99219	50.003	50.002	50.007	26.4	0.317	0.018765	15785	-1.087	94.79
13.6595	3.00073	50.003	50.002	50	26.53	0.31	0.020847	15785	-0.965	94.612
13.665	3.00199	50	49.998	50.002	26.47	0.314	0.01544	15785	0.613	90.783
13.6553	2.99794	50.004	49.992	50.002	26.32	0.31	0.02916	15785	-0.722	92.956
13.6716	2.99927	49.998	49.996	50.003	27.02	0.321	0.019056	15785	-1.208	94.136
13.678	3.00135	50.001	50	49.995	26.43	0.307	0.02117	15785	-1.714	94.515
13.6629	2.99676	50.002	50.003	50.001	26.45	0.311	0.023519	15785	-1.937	94.279
13.7171	3.01091	50.008	49.999	49.999	26.61	0.315	0.015369	15785	-2.686	94.411
13.6753	3.00467	49.997	50.004	50	25.84	0.31	0.017074	15785	-1.087	92.398
13.7133	3.00582	49.998	50.005	50.001	25.46	0.3	0.021498	15785	1.605	87.599
13.6889	3.00502	49.999	50.004	50.001	27.15	0.298	0.040601	15785	3.767	82.263
13.6902	3.01026	49.999	50.004	50.001	28.46	0.304	0.015607	15785	5.636	77.037
13.6945	2.99865	50.002	49.999	50	27.96	0.299	0.017339	15785	5.272	76.514

13.6757	3.00566	49.999	50.005	49.997	25.84	0.284	0.021831	15785	5.182	79.889
13.6958	3.00971	49.996	50.001	49.998	25.3	0.314	0.014266	15785	5.989	77.829
13.6806	3.00399	50	50.001	49.998	27.12	0.297	0.010566	15785	5.848	75.988
13.6621	2.99743	49.997	49.995	49.995	26.48	0.296	0.006905	15785	5.404	79.045
13.6882	3.00104	50	49.996	50	25.11	0.298	0.014779	15785	3.08	85.029
13.6656	3.00096	49.999	50	49.997	25.67	0.318	0.016419	15785	1.888	89.152
13.6628	2.99538	50	49.997	50.005	25.78	0.298	0.018241	15785	1.787	93.389
13.6571	2.99232	50.001	50	50.011	25.92	0.32	0.013509	15785	0.381	93.681
13.6758	2.99824	49.996	49.994	50.001	25.79	0.306	0.015008	15785	0.512	94.66
13.697	3.00462	50.005	50.002	50.006	26.17	0.308	0.011116	15785	-0.803	94.793
13.6466	2.99786	49.999	50.002	50.002	26.32	0.299	0.020993	15785	-0.925	95.124
13.6874	3.00274	50.002	49.996	50.006	26.01	0.309	0.026431	15785	-1.532	95.408
13.6657	2.99879	49.999	49.995	49.994	26.19	0.308	0.01016	15785	-1.896	95.209
13.68	3.00152	50	50.005	50.003	26.59	0.307	0.012793	15785	-2.423	95.322
13.6618	3.00102	50.007	50.003	50.003	26.56	0.311	0.02416	15785	-2.018	95.307
13.6777	3.00466	50.006	50.002	50.001	26.47	0.3	0.026841	15785	-2.362	95.183
13.6664	2.99881	50.002	50	49.997	26.31	0.319	0.029818	15785	-3.385	94.743
13.6769	3.00675	50.005	49.999	50.003	26.53	0.3	0.007642	15785	-2.95	95.133
13.6764	3.00258	50.003	50.004	49.994	26.38	0.311	0.024534	15785	-2.22	95.456
13.6677	2.99575	50	49.995	50.003	26.56	0.305	0.016033	15785	-2.383	95.372
13.6646	2.99436	50.003	49.999	49.994	25.86	0.292	0.006163	15785	-2.22	95.45
13.6744	3.00945	50.002	50	50.001	26.01	0.307	0.013192	15785	-2.099	95.416
13.6648	2.99599	50.002	50.008	50	26.28	0.31	0.024914	15785	-1.593	95.707
13.6533	3.00186	49.998	49.997	49.995	25.66	0.303	0.047054	15785	-1.228	95.894
13.6433	2.99554	50.003	50.002	50	26.43	0.305	0.034849	15785	-0.611	96.186
13.7018	3.00834	49.995	49.999	50.001	25.85	0.301	0.038715	15785	-0.176	96.199
13.693	3.00221	49.993	50	50.006	26.47	0.314	0.028674	15785	0.795	96.327
13.648	3.00102	49.997	49.998	50.005	25.68	0.298	0.031855	15785	1.888	96.636
13.6464	2.99632	50.004	49.999	49.997	25.86	0.3	0.020817	15785	2.09	96.662
13.6658	2.99869	49.996	50.001	50.001	26.57	0.307	0.044557	15785	2.181	96.383
13.6726	2.99965	49.995	50.002	50	26.47	0.309	0.029118	15785	1.827	96.317
13.6626	3.00351	50.002	49.998	50.005	25.78	0.288	0.019028	15785	2.161	96.316
13.6599	3.00136	49.999	50.003	50	26.48	0.297	0.023958	15785	2.595	93.43
13.6679	3.00279	50.003	50.001	50.008	26.02	0.305	0.030165	15785	3.333	89.655
13.6699	3.0027	49.998	50.005	49.996	25.78	0.319	0.019713	15785	3.151	89.18
13.6513	2.99276	49.996	50	49.998	25.55	0.318	0.0146	15785	3.222	89.284

13.6603	2.99734	50.001	50.003	49.997	25.76	0.31	0.016219	15785	2.898	90.937
13.6476	2.9957	50.003	49.996	50.001	26.47	0.307	0.020421	15785	2.979	91.837
13.7066	3.00446	49.997	50.008	50.003	26.08	0.302	0.022687	15785	3.283	91.645
13.6864	3.00703	50	50.002	49.998	26.39	0.301	0.008721	15785	2.696	92.213
13.6782	3.00271	50.004	49.992	49.999	25.72	0.299	0.028	15785	1.979	92.795
13.67	2.99545	50.004	49.997	49.999	26.39	0.312	0.020738	15785	1.645	92.938
13.6732	3.00178	50.001	49.998	50.002	26.5	0.302	0.039165	15785	1.423	92.602
13.6623	3.00281	50.001	50	50	25.74	0.302	0.017063	15785	2.151	91.219
13.6733	3.00496	49.996	50.003	49.998	25.96	0.304	0.021483	15785	3.384	89.753
13.6493	2.99524	49.998	49.996	50.004	24.31	0.299	0.023867	15785	4.515	87.523
13.6729	3.00486	50.001	49.995	50.001	25.51	0.304	0.010398	15785	6.161	84.333
13.6587	2.99934	49.997	49.998	50.003	25.67	0.289	0.013092	15785	7.119	83.183
13.6728	3.00158	50.005	49.998	49.996	25.4	0.278	0.024725	15785	7.644	81.67
13.7103	3.00677	49.997	49.998	50.003	26.4	0.305	0.010772	15785	9.026	78.162
13.6896	3.00428	49.999	50.001	50.006	26.41	0.281	0.011967	15785	8.088	81.114
13.6737	2.99835	49.999	49.998	50.003	24.68	0.306	0.025614	15785	7.402	83.536
13.6921	3.0025	49.997	49.996	49.995	25.1	0.279	0.005792	15785	7.14	85.832
13.6882	2.99969	50	49.995	49.998	26.47	0.295	0.012397	15785	7.119	87.009
13.6667	2.99867	50.005	49.997	50.001	25.38	0.289	0.023413	15785	7.422	87.157
13.6691	2.9977	49.999	50	49.998	24.75	0.309	0.005294	15785	8.017	84.612
13.6461	2.99189	50.005	50.006	49.997	25.79	0.31	0.011332	15785	7.846	84.478
13.6853	2.99999	50.002	49.998	49.998	25.84	0.297	0.012589	15785	7.644	84.941
13.6831	3.00575	49.995	50.001	49.993	24.43	0.287	0.040418	15785	7.664	85.269
13.697	3.0064	49.998	49.993	50.001	25.29	0.3	0.017609	15785	7.422	86.946
13.6363	3.00027	50.001	49.996	50.003	25.51	0.298	0.033256	15785	8.048	87.306
13.6711	3.00485	50.003	49.998	50.001	25.91	0.29	0.012784	15785	7.644	88.797
13.6664	2.99546	49.998	50.005	49.999	25.1	0.298	0.027363	15785	6.04	91.411
13.6743	3.00064	50.005	50.003	50	25.09	0.291	0.051678	15785	5.394	93.647
13.664	2.99647	49.996	49.993	50.008	25.68	0.298	0.057411	15785	3.818	94.976
13.6796	3.00563	49.999	49.997	50	26.04	0.292	0.014713	15785	2.555	93.676
13.6591	3.00077	50.003	49.999	50.004	26.27	0.296	0.009615	15785	2.231	93.188
13.6522	2.99406	49.994	50.001	49.996	24.77	0.301	0.018158	15785	2.676	91.794
13.6925	3.00357	49.997	50.002	50	24.07	0.293	0.011866	15785	4.424	88.204
13.6386	2.99364	49.999	50	49.998	25.87	0.296	0.014941	15785	5.888	83.736
13.6685	2.99861	50.001	49.998	50.003	27.84	0.275	0.009764	15785	8.35	78.29
13.6737	2.99825	50.002	49.999	49.996	29.28	0.302	0.01844	15785	9.278	72.488

13.6878	3.00657	50.001	50	50	29.47	0.287	0.007088	15785	10.648	63.037
13.6579	3.00279	49.998	49.999	49.998	29.96	0.286	0.013387	15785	11.585	60.416
13.6816	3.00531	50.008	49.997	50.005	29.93	0.28	0.025283	15785	12.26	63.878
13.6622	2.99553	49.995	49.995	50.001	30.73	0.284	0.028088	15785	9.802	75.776
13.6753	2.99723	50.003	50.004	49.998	26.5	0.289	0.012237	15785	7.553	77.545
13.6419	2.99462	49.999	49.996	50.001	25.76	0.297	0.013594	15785	5.282	83.551
13.6904	3.00505	50.006	50.002	50.007	25.76	0.295	0.029098	15785	5.202	84.679
13.6877	3.00446	50.003	50.002	50.002	24.92	0.299	0.011185	15785	4.566	86.243
13.6567	2.9951	50.003	50.001	49.993	25.09	0.304	0.021125	15785	4.212	86.136
13.6786	3.0059	49.996	49.998	49.997	25.54	0.295	0.015646	15785	3.707	86.569
13.6613	2.99461	49.998	49.999	50	25.4	0.303	0.017381	15785	3.293	87.588
13.6794	3.00696	50.004	50.005	50.002	25.8	0.301	0.012873	15785	3.101	87.323
13.6796	3.00642	50.001	50.003	50	25.99	0.292	0.024312	15785	4.353	83.811
13.6666	2.99769	50	50.003	50.003	26.26	0.311	0.02701	15785	4.353	84.749
13.6365	2.99426	49.996	50	50.003	25.12	0.281	0.011767	15785	5.505	81.133
13.6745	2.9996	50.001	50.001	49.995	26.45	0.303	0.014816	15785	5.454	81.406
13.6973	3.01016	50.007	50	50	25.18	0.297	0.016459	15785	5.919	82.01
13.6654	3.00071	49.999	49.997	49.996	25.63	0.293	0.05989	15785	7.18	78.333
13.6957	3.00943	50.003	50.002	50	26.47	0.291	0.013543	15785	8.048	75.971
13.6819	3.00138	50	49.998	50.002	24.36	0.292	0.028987	15785	9.237	71.084
13.6928	3.00217	49.998	50.001	50.002	23.68	0.299	0.018943	15785	9.661	69.297
13.6781	2.997	49.999	49.997	49.999	23.72	0.29	0.021044	15785	10.608	66.441
13.6737	3.00953	49.997	49.999	50.003	24.91	0.286	0.009168	15785	11.777	63.171
13.687	3.00677	50.002	49.998	50.001	25.84	0.284	0.050041	15785	12.844	62.121
13.6361	2.99407	49.996	49.999	50.004	26.42	0.286	0.007544	15785	12.562	64.635
13.6556	2.99498	50.001	50.002	50.007	26.56	0.284	0.014247	15785	13.166	63.747
13.6817	3.0016	49.997	49.996	50.001	26.94	0.285	0.017938	15785	12.794	65.096
13.7089	3.00928	50	50.005	50.002	26.21	0.281	0.013285	15785	10.89	69.849
13.6514	2.99382	50.002	49.997	50.001	24.4	0.294	0.02509	15785	8.138	77.473
13.6709	3.00118	50.002	49.999	49.994	25.82	0.298	0.018583	15785	6.998	77.105
13.6726	2.99957	50.001	49.998	49.995	25.41	0.292	0.020644	15785	5.484	82.004
13.6486	2.99754	49.996	50.008	50.004	25.22	0.292	0.044187	15785	6.897	78.2
13.6574	2.99645	49.998	49.999	49.998	26.47	0.294	0.016986	15785	6.575	78.325
13.6768	3.0016	50.001	50.001	50.004	25.6	0.292	0.01258	15785	4.697	83.293
13.6763	3.00418	49.995	49.995	49.992	25.78	0.295	0.013976	15785	4.343	84.724
13.6631	2.99968	50	50.002	50.002	25.83	0.292	0.010351	15785	6.554	76.287

13.6765	3.00177	49.995	49.999	49.998	26.29	0.295	0.019549	15785	5.717	76.608
13.6904	3.00462	50.002	50.001	50.007	25.71	0.291	0.021718	15785	4.858	79.864
13.6851	3.003	50	49.995	49.999	25.8	0.301	0.027344	15785	4.293	79.972
13.6775	2.99897	49.998	50	50.001	26.45	0.304	0.010511	15785	5.505	74.052
13.6402	2.9937	50	49.996	49.995	26.47	0.292	0.057371	15785	3.101	82.917
13.6818	2.99535	50.001	50.002	49.997	25.79	0.305	0.024995	15785	2.979	80.44
13.6899	3.00794	49.996	49.997	49.994	25.27	0.3	0.016334	15785	3.141	80.995
13.6399	2.99567	50.001	49.999	49.998	25.03	0.3	0.006279	15785	3.323	80.518
13.6788	2.99975	49.997	50.001	49.999	24.41	0.286	0.022847	15785	4.111	82.203
13.6844	3.001	50	50.002	50.006	25.14	0.305	0.016921	15785	6.807	78.178
13.6739	3.00525	49.998	49.998	50.002	29.04	0.3	0.011058	15785	10.024	61.001
13.6725	3.00273	50.001	50	49.994	29.92	0.285	0.020884	15785	10.729	58.942
13.7014	3.00693	50.008	49.997	49.998	30.57	0.271	0.013648	15785	11.515	57.899
13.697	3.00139	49.997	50.001	49.998	30.05	0.284	0.029211	15785	11.434	62.202
13.6656	3.00425	50.001	50.006	49.999	29.36	0.288	0.011229	15785	11.182	67.536
13.6568	2.99611	49.997	50	49.998	28.12	0.277	0.012475	15785	10.175	74.57
13.6186	2.99354	50	50.006	49.996	25.95	0.29	0.015707	15785	9.782	77.673
13.6794	3.00091	49.996	49.999	50.005	25.09	0.29	0.029664	15785	10.467	75.606
13.6903	3.0012	49.998	49.996	50.001	25.53	0.299	0.011403	15785	10.769	87.197
13.6802	3.00076	50.001	49.999	49.999	25.75	0.291	0.024407	15785	10.235	93.396
13.683	3.00119	49.996	50.01	49.997	25.78	0.29	0.027115	15785	10.467	92.726
13.6834	3.00498	49.996	49.998	49.998	26.47	0.305	0.030123	15785	11.072	92.866
13.6523	2.99328	49.999	50.001	50.002	27.29	0.274	0.02231	15785	11.736	93.126
13.662	2.99465	49.999	49.997	50	27.69	0.29	0.02809	15785	12.23	92.714
13.6553	2.99236	50	49.997	50.006	27.91	0.289	0.031206	15785	12.522	93.05
13.6337	2.99252	50.004	50.001	49.998	28.53	0.28	0.020393	15785	12.693	93.965
13.6771	3.01032	49.996	49.999	50.001	28.54	0.292	0.025676	15785	12.502	93.567
13.6443	2.98979	50.002	49.995	49.997	28.57	0.29	0.028525	15785	12.643	94.103
13.6596	2.98892	50.007	50.003	50.002	27.95	0.287	0.03169	15785	12.371	94.482
13.6757	3.00652	50.002	50.001	50	27.84	0.276	0.02347	15785	11.877	94.755
13.6865	3.00067	49.997	49.999	50	27.78	0.285	0.015338	15785	11.374	94.937
13.6921	3.00401	49.998	50.001	50.002	27.84	0.293	0.028967	15785	11.354	95.291
13.6552	2.99145	50.003	50.001	50	27.86	0.296	0.01893	15785	10.991	96.05
13.6833	2.99913	50.004	50.001	49.998	28.4	0.286	0.01402	15785	11.041	96.438
13.6564	2.99882	50	50.003	50.002	29.36	0.288	0.026478	15785	11.706	96.581
13.6818	2.99957	50.004	49.999	50.003	29.45	0.292	0.017303	15785	12.32	96.501

13.6824	3.00346	49.999	50.001	50.005	30.85	0.287	0.019223	15785	12.461	96.372
13.6835	3.00164	49.996	50.004	50.002	31.02	0.284	0.021356	15785	12.733	96.74
13.6778	3.00287	49.994	50.001	49.995	30.8	0.273	0.040332	15785	12.985	96.747
13.6531	2.99435	50.001	49.997	49.999	29.92	0.29	0.00912	15785	12.914	96.224
13.681	2.99788	49.998	49.999	50.004	29.23	0.294	0.017224	15785	12.854	95.296
13.6872	3.00462	50.001	49.999	49.995	29.22	0.304	0.021686	15785	12.844	95.248
13.6677	3.00111	49.999	49.998	50.007	29.83	0.288	0.014172	15785	13.297	95.074
13.6397	2.99704	49.999	50.001	50.004	30.48	0.299	0.026765	15785	15.339	93.593
13.6632	3.00133	49.996	50.002	50.001	30.66	0.286	0.029734	15785	15.872	92.236
13.6837	3.00722	50	49.996	49.996	30.57	0.285	0.01143	15785	15.5	92.23
13.6491	2.99827	49.999	49.998	50	29.91	0.295	0.012698	15785	15.44	92.124
13.6494	2.99884	50.003	49.997	49.999	29.69	0.29	0.014107	15785	15.571	91.842
13.6509	2.9978	49.996	49.994	49.998	29.23	0.296	0.009219	15785	15.44	92.259
13.6948	3.00034	49.999	50.001	50	29.22	0.289	0.006024	15785	15.581	92.273
13.6639	2.99933	49.995	50	49.999	29.33	0.288	0.011378	15785	15.42	92.658
13.6675	2.99543	49.998	50.003	50.003	29.22	0.273	0.01264	15785	15.691	91.284
13.6849	3.00017	50.001	50	50.006	28.58	0.295	0.023872	15785	15.068	94.859
13.6874	2.9994	50.001	50.002	49.999	27.87	0.288	0.009177	15785	15.058	94.113
13.6835	2.99854	49.999	49.996	49.999	27.85	0.277	0.019642	15785	15.038	94.196
13.6932	3.00463	50.004	49.999	49.998	28.07	0.285	0.021821	15785	14.967	94.177
13.6941	3.00791	50.002	49.998	50.002	27.84	0.289	0.009507	15785	14.997	92.414
13.6874	3.01172	49.999	50.001	49.996	28.01	0.291	0.017954	15785	14.897	90.719
13.6445	2.9979	50.003	50.003	50.001	28.44	0.287	0.013297	15785	15.118	89.836
13.672	2.99855	50.007	49.998	50	29.16	0.281	0.014773	15785	15.641	86.993
13.683	3.00653	49.998	49.993	50	29.17	0.282	0.0279	15785	14.907	90.356
13.6668	3.00501	49.997	49.997	50.002	27.86	0.288	0.012155	15785	14.444	93.027
13.6557	3.00053	49.998	49.996	50.003	27.54	0.276	0.022956	15785	14.343	93.486
13.6659	3.00143	50.009	50.001	49.999	26.61	0.276	0.017002	15785	14.313	93.235
13.6338	2.99334	50.004	49.999	49.998	26.47	0.292	0.011111	15785	14.313	93.544
13.6742	3.00106	49.999	50.002	49.998	26.35	0.286	0.007261	15785	13.79	93.581
13.6586	2.99876	49.996	50.002	50.002	26.46	0.281	0.015541	15785	14.313	93.478
13.6996	3.00303	50.003	50.004	49.998	26.49	0.286	0.005974	15785	14.404	92.819
13.6553	2.99824	50.002	50.001	49.998	26.53	0.303	0.01918	15785	14.595	92.218
13.6568	2.999	50.001	50.001	50	26.56	0.288	0.024149	15785	14.947	89.517
13.6522	2.9956	49.997	50.003	50.002	27.1	0.285	0.017886	15785	15.601	88.305
13.6792	2.99671	50.002	49.997	49.996	27.16	0.295	0.01987	15785	15.53	89.546

13.6528	2.99942	49.999	50.003	50	27.17	0.296	0.04253	15785	15.641	88.385
13.6696	2.99889	49.998	49.997	50.001	27.86	0.279	0.018529	15785	15.842	86.349
13.6314	2.99058	49.999	49.998	49.993	28.03	0.285	0.012109	15785	15.148	84.571
13.6864	3.01259	49.998	49.995	50	27.62	0.292	0.015245	15785	13.72	88.915
13.6907	3.00596	49.997	49.995	49.995	26.46	0.283	0.019195	15785	12.451	90.775
13.662	2.99774	49.998	49.999	49.998	25.15	0.282	0.021325	15785	11.978	90.61
13.6721	3.00311	50.002	50.003	49.999	24.4	0.275	0.013936	15785	10.608	90.394
13.6694	2.99924	49.996	49.993	50.003	24.61	0.292	0.006071	15785	8.975	89.601
13.6665	2.99724	49.999	50.004	50.001	23.8	0.291	0.056333	15785	9.046	88.164
13.6312	2.98812	50.002	50.002	50.007	23.74	0.3	0.041722	15785	8.995	79.763
13.6753	2.99651	49.999	49.997	50.004	24.37	0.294	0.00555	15785	9.237	82.606
13.6643	2.9974	50.001	50.005	49.999	25.93	0.298	0.020193	15785	7.967	86.353
13.6814	3.00061	50.001	50.003	50	26.47	0.276	0.007762	15785	9.338	82.365
13.6458	2.99497	50.002	49.996	49.998	25.98	0.287	0.008624	15785	8.713	79.382
13.6566	2.99497	49.99	49.999	50.001	24.11	0.297	0.018458	15785	8.28	75.639
13.6834	3.00775	49.998	49.997	49.996	25.87	0.285	0.03486	15785	7.705	78.447
13.6805	3.00035	49.999	50.001	49.998	24.97	0.296	0.038728	15785	7.059	81.462
13.6714	3.00273	49.996	50.001	50	25.09	0.295	0.016872	15785	6.262	87.337
13.6724	3.00098	50.001	49.998	50.006	25.97	0.291	0.018744	15785	5.242	81.901
13.6563	2.99308	50.005	50.002	49.998	26.35	0.302	0.020824	15785	4.818	86.151
13.6304	2.98702	49.999	49.998	49.996	25.17	0.296	0.015422	15785	4.212	94.22
13.671	2.99674	49.998	50	50.002	24.47	0.3	0.017133	15785	4.636	93.772
13.6882	3.00519	49.998	50.002	49.997	25.11	0.297	0.019034	15785	4.515	92.538
13.6417	2.99525	50.001	49.997	50	25.14	0.301	0.023966	15785	4.02	93.699
13.6379	2.99497	49.999	50.002	49.996	25.42	0.31	0.015661	15785	4.212	92.406
13.663	3.0003	50.003	49.999	50.002	24.63	0.307	0.010235	15785	3.798	94.186
13.6521	2.99493	50.001	49.997	49.996	25.9	0.299	0.012886	15785	3.626	92.546
13.6653	3.00069	49.999	50.004	50.005	25.91	0.303	0.014316	15785	3.101	91.159
13.6492	2.99789	49.996	50.003	49.998	25.7	0.299	0.015904	15785	3.06	88.855
13.7025	3.00925	49.997	49.998	50.002	26.44	0.295	0.017668	15785	3.131	84.386
13.6778	3.00199	49.998	50.001	50.001	25.16	0.3	0.007697	15785	3	88.061
13.6452	2.998	49.995	49.999	49.994	25.08	0.299	0.014537	15785	3.151	85.319
13.6732	3.00157	50	50.006	49.997	24.82	0.317	0.027455	15785	3.343	82.071
13.6723	2.99461	50.004	49.991	50	24.51	0.302	0.020334	15785	3.606	81.031
13.6542	2.99887	50.002	50.004	50.006	24.27	0.309	0.02259	15785	4.03	79.631
13.6916	2.99858	49.993	50.002	50.003	24.21	0.302	0.028443	15785	4.101	82.156

13.6673	2.99855	49.994	50.001	49.997	23.95	0.305	0.018587	15785	4.333	84.789
13.6598	3.0001	49.999	50.004	49.998	26.09	0.295	0.013766	15785	4.182	83.701
13.6664	3.00084	49.998	50.001	50.001	26.48	0.302	0.044198	15785	4.202	83.037
13.6657	2.99203	49.999	49.999	49.999	25.91	0.314	0.005879	15785	4.111	84.963
13.6762	3.00386	49.999	49.998	49.998	26.45	0.304	0.021392	15785	4.06	85.942
13.6825	3.004	50.002	50.002	49.998	25.1	0.288	0.023765	15785	3.858	85.915
13.7002	3.00306	50.003	50	50	26.32	0.294	0.01553	15785	3.879	86.989
13.6721	2.99795	50.001	50.001	49.997	25.98	0.304	0.033241	15785	3.808	88.462
13.6774	3.00606	49.996	50.003	49.997	25.41	0.306	0.021723	15785	3.687	88.497
13.6823	3.00335	49.998	50.005	50.006	26.47	0.299	0.027351	15785	3.788	89.042
13.6671	3.00061	49.999	50.011	50.001	26.47	0.295	0.030385	15785	3.525	91.274
13.6696	2.99787	50.002	49.995	49.996	25.4	0.301	0.007787	15785	3.858	91.611
13.6757	3.00397	50	49.999	50.001	25.83	0.316	0.008651	15785	4.02	92.464
13.6642	2.99686	50	49.995	50.004	26.42	0.308	0.00961	15785	4.384	90.995
13.6909	3.00538	49.996	50.001	49.999	26.49	0.301	0.03497	15785	4.081	90.574
13.6569	3.00278	49.998	50.001	50	26.47	0.3	0.013443	15785	4.313	91.143
13.6723	3.00198	50.003	50	49.999	26.03	0.289	0.009956	15785	4.939	92.839
13.6689	3.00327	50.002	50.003	49.999	26.49	0.288	0.018803	15785	4.545	92.129
13.6753	2.99621	49.996	49.997	50.001	25.61	0.299	0.013926	15785	4.495	93.83
13.683	3.00205	50.001	50.005	50	26.47	0.296	0.026301	15785	5.444	93.535
13.6803	3.0002	50.004	50.012	49.999	26.47	0.301	0.029218	15785	6.675	91.511
13.7038	3.011	50	49.993	50.002	24.39	0.286	0.02164	15785	7.382	90.009
13.6703	3.00118	49.998	50.006	50.001	24.02	0.295	0.014142	15785	9.721	87.468
13.6836	3.00562	49.999	49.995	50	25.2	0.289	0.030269	15785	10.89	84.467
13.6634	2.99493	49.999	50.001	50	26.47	0.281	0.033627	15785	11.313	73.704
13.641	2.99909	49.999	49.995	49.999	26.43	0.288	0.01465	15785	9.469	55.761
13.6927	3.00422	49.994	49.998	49.998	24.95	0.29	0.027668	15785	7.987	60.238
13.6623	2.99777	49.997	50	50.003	26.06	0.295	0.034836	15785	5.727	71.216
13.6584	2.99524	50.001	49.997	50	25.33	0.307	0.038701	15785	3.97	74.494
13.7061	3.00512	50.001	49.998	50	25.78	0.301	0.016861	15785	2.878	72.147
13.6726	2.99845	50	50.004	50.002	25.81	0.321	0.018731	15785	2.737	71.172
13.6805	3.00353	50.002	50	50.002	26.16	0.299	0.012241	15785	2.454	71.322
13.6823	2.99912	49.999	49.995	49.999	25.52	0.321	0.013599	15785	1.827	74.498
13.6578	2.99674	50.009	49.998	49.999	25.85	0.309	0.017122	15785	0.765	74.302
13.6646	2.9982	49.998	49.999	50.002	25.77	0.307	0.011189	15785	0.674	73.588
13.6741	3.00555	49.997	50	49.996	25.87	0.31	0.021132	15785	0.31	76.529

13.6509	2.99487	50.002	49.997	50	26.04	0.31	0.023476	15785	-0.115	74.66
13.6907	3.01019	49.998	50.002	50.004	25.83	0.298	0.029558	15785	-0.297	76.47
13.6405	2.9948	50	49.995	49.998	26.32	0.319	0.011362	15785	-0.58	77.487
13.6685	2.99953	50.002	49.998	50.004	25.23	0.322	0.014306	15785	-1.431	74.774
13.6998	3.00726	49.999	50.005	50.002	25.91	0.316	0.040527	15785	-1.653	76.009
13.6607	3.00241	50.001	50.002	50.002	26.1	0.312	0.030016	15785	-1.583	74.154
13.6667	2.99498	50.001	49.996	50.003	26.44	0.318	0.011538	15785	-1.41	73.183
13.6653	3.00094	50.001	49.998	49.995	26.29	0.307	0.021791	15785	-1.269	72.791
13.6624	2.99588	50.005	49.999	50.005	26.46	0.327	0.027437	15785	-0.884	70.255
13.6438	2.99411	49.997	50	50.001	26.46	0.313	0.01793	15785	-0.54	73.635
13.6699	3.00308	50.001	49.999	49.994	26.47	0.313	0.019919	15785	-0.57	73.309
13.6569	2.99017	49.999	50	49.993	26.44	0.313	0.014752	15785	-0.378	70.151
13.6787	3.00117	50	50	50.001	26.09	0.307	0.016389	15785	-0.176	70.7
13.648	2.99647	49.998	49.999	50.005	26.23	0.311	0.018207	15785	0.634	66.26
13.6584	2.99112	49.999	49.996	50.005	26.04	0.309	0.006999	15785	-0.358	71.12
13.6687	2.99997	49.999	50	50.002	26	0.312	0.038201	15785	-1.026	70.481
13.6856	3.00024	50.003	50.002	50.003	26.47	0.311	0.024964	15785	-1.674	76.052
13.6584	2.99781	50.003	49.999	50.002	26.47	0.313	0.009597	15785	-2.464	82.796
13.6323	2.99377	49.997	49.995	49.99	26.47	0.306	0.018124	15785	-2.605	80.415
13.6505	3.00041	49.997	50.003	50.005	26.47	0.314	0.011844	15785	-2.929	82.461
13.6734	3.00292	50	49.997	49.999	26.16	0.312	0.038027	15785	-2.656	81.629
13.6808	3.00289	50.001	49.996	50.001	25.83	0.33	0.014618	15785	-2.747	82.795
13.675	3.00307	50.004	50	49.995	26.03	0.313	0.009553	15785	-3.112	85.311
13.6794	2.99952	49.998	49.997	49.997	25.76	0.314	0.018041	15785	-2.808	82.088
13.6775	3.00612	49.997	49.997	49.999	25.58	0.314	0.034072	15785	-3.72	83.84
13.6968	3.00818	49.997	50.003	49.999	26.02	0.322	0.022266	15785	-4.307	85.035
13.7164	3.00704	50	50	49.992	25.87	0.314	0.024736	15785	-4.388	82.113
13.6534	2.9912	50.002	50.002	50.001	25.74	0.313	0.027481	15785	-4.388	79.524
13.6847	3.00681	49.998	49.997	49.999	25.77	0.307	0.03053	15785	-4.419	76.006
13.6762	2.99704	49.997	50.003	50	25.83	0.312	0.011736	15785	-4.47	73.576
13.6955	3.00661	50	50.002	50.003	26.07	0.306	0.037679	15785	-5.422	72.381
13.6682	3.00005	49.996	49.997	49.999	25.77	0.337	0.024623	15785	-5.788	74.666
13.6933	3.00405	49.998	50.002	49.993	25.78	0.312	0.009465	15785	-4.611	69.874
13.6722	3.00328	50.001	49.997	50	25.42	0.329	0.010516	15785	-3.416	62.043
13.6859	3.0048	50	50.001	49.999	26.37	0.307	0.01986	15785	-2.504	60.245
13.6791	2.99776	49.999	49.997	49.999	26.44	0.314	0.012978	15785	-1.127	60.172

13.6814	3.00784	49.995	50	49.999	25.84	0.32	0.027779	15785	-1.046	60.268
13.6733	3.00563	50.004	50	50	25.89	0.309	0.018153	15785	0.209	57.121
13.6747	3.00347	49.997	50	50	26.21	0.307	0.011863	15785	0.472	54.389
13.7177	3.00763	50.006	49.999	50	26	0.31	0.013179	15785	-0.095	58.816
13.6517	2.99007	49.999	50.004	49.997	26.51	0.307	0.028209	15785	-0.641	64.78
13.6865	3.00042	50.005	50.001	50	26.47	0.326	0.018434	15785	-1.046	67.809
13.6707	3.00398	49.997	50	49.999	26.45	0.318	0.02321	15785	-1.35	64.038
13.6605	3.00093	50.001	50.002	50.008	25.92	0.312	0.025785	15785	-2.099	67.946
13.6751	2.99925	49.999	50.006	50	26.03	0.327	0.028646	15785	-3.375	78.952
13.6746	2.9998	49.999	49.998	49.995	25.87	0.325	0.031824	15785	-4.784	71.924
13.6647	2.99827	49.998	50.004	50.002	25.83	0.332	0.020797	15785	-6.213	68.354
13.6567	2.99992	50.004	49.999	49.996	25.87	0.321	0.015403	15785	-7.086	72.232
13.6517	2.99487	49.997	50	49.999	25.77	0.329	0.029089	15785	-7.542	73.267
13.6748	2.99956	50	49.997	49.994	25.77	0.332	0.032317	15785	-7.918	74.163
13.6653	2.99465	49.997	50.002	50.001	25.85	0.322	0.012423	15785	-8.243	76.081
13.6685	2.99738	50.004	50	49.992	25.8	0.324	0.015641	15785	-8.476	74.866
13.6495	2.99327	50.004	49.999	49.998	25.79	0.33	0.017376	15785	-8.74	74.619
13.6777	3.00533	49.996	49.999	50.002	25.87	0.34	0.032817	15785	-9.075	76.193
13.666	3.00168	49.999	49.999	49.997	25.82	0.346	0.024305	15785	-9.563	79.317
13.6627	3.00131	50	50.001	50	25.78	0.343	0.045903	15785	-8.497	77.223
13.6818	3.0051	50.002	50.002	49.999	26.16	0.326	0.011764	15785	-7.147	68.627
13.6499	3.00072	49.999	49.999	50.007	25.09	0.313	0.013069	15785	-6.254	67.436
13.6882	3.00324	50.002	50	50.002	25.79	0.319	0.014519	15785	-4.632	60.892
13.661	2.99767	49.999	49.997	50.001	26.45	0.318	0.01828	15785	-3.152	57.989
13.6863	3.00097	50	49.997	50.002	25.78	0.311	0.007027	15785	-1.937	53.829
13.6692	2.99734	50.001	50	50.005	26.62	0.299	0.022561	15785	-1.046	50.202
13.6537	3.00218	50.005	49.995	49.993	26.59	0.319	0.005782	15785	-0.439	51.023
13.6368	2.99454	50.002	50.002	50.006	26.71	0.326	0.018563	15785	-1.208	57.152
13.6603	2.99484	50	50.004	49.999	26.97	0.317	0.013748	15785	-2.605	60.337
13.6545	2.99538	50	50.002	50.001	26.64	0.32	0.015274	15785	-2.686	62.329
13.665	2.99689	50.003	49.999	50	26.49	0.312	0.028846	15785	-3.527	69.433
13.6429	2.98861	50.005	50	49.999	26.65	0.32	0.036319	15785	-3.213	69.443
13.6611	2.99885	50.003	50.002	50.001	26.66	0.321	0.023734	15785	-3.284	71.51
13.6502	2.99425	49.997	49.997	50.006	26.61	0.302	0.029883	15785	-2.545	69.777
13.6716	2.99989	50.002	50.006	49.998	26.51	0.336	0.011487	15785	-1.755	68.552
13.7143	3.00847	50.001	50.002	49.993	26.62	0.303	0.012762	15785	-1.522	68.648

13.6735	3.00812	50	49.994	49.995	26.47	0.318	0.016068	15785	-0.773	70.455
13.6552	2.99691	50.001	50.002	49.997	26.45	0.309	0.0105	15785	-1.137	76
13.7102	3.0093	49.999	49.999	49.999	26.48	0.317	0.006862	15785	-0.378	77.46
13.6863	3.00683	49.999	50	50.002	26.47	0.316	0.004484	15785	-0.317	80.065
13.6944	3.00169	50.004	50.003	50.003	26.47	0.316	0.016317	15785	0.108	80.582
13.6813	3.00295	49.995	49.999	49.999	26.47	0.313	0.030816	15785	0.613	80.582
13.6469	2.99938	50.001	50.004	50.005	26.47	0.314	0.020138	15785	0.634	81.97
13.66	2.99832	49.998	50	49.997	26.52	0.306	0.008773	15785	1.402	80.181
13.673	3.00445	49.999	49.999	50.007	26.48	0.309	0.009747	15785	3.99	71.006
13.6905	2.99681	50.001	50	49.996	25.09	0.297	0.018408	15785	5.838	63.753
13.6584	2.99693	50.001	49.994	49.997	24.41	0.309	0.023177	15785	7.987	55.949
13.6963	3.00457	50	50.002	49.995	24.6	0.298	0.015146	15785	8.31	54.017
13.6838	3.00522	50.001	50.001	49.999	25.08	0.287	0.009898	15785	9.217	51.134
13.6887	3.00414	50.004	50.003	50.002	25.02	0.3	0.010996	15785	9.318	49.527
13.6792	3.00169	50	49.999	49.995	24.41	0.296	0.007186	15785	8.441	53.616
13.6671	3.00089	49.998	50.001	50.003	26.41	0.296	0.044449	15785	8.068	53.055
13.6772	3.00278	49.997	50.004	50	26.56	0.305	0.017087	15785	7.462	55.666
13.6504	2.9993	50.002	49.998	50.001	26.61	0.314	0.03227	15785	7.604	57.615
13.6709	2.99987	49.995	49.998	49.997	25.38	0.314	0.014059	15785	7.684	58.293
13.6531	2.99851	50.004	49.996	50.003	26.59	0.303	0.017701	15785	7.664	61.095
13.6793	3.00001	49.999	50.004	50	26.3	0.299	0.006804	15785	7.563	59.826
13.6587	2.99322	50.004	50.006	50.001	26.54	0.303	0.021846	15785	7.725	62.235
13.6598	2.99835	49.996	50.002	49.998	26.47	0.304	0.009518	15785	6.988	69.778
13.7097	3.01296	49.997	50.002	50.001	26.48	0.304	0.017975	15785	5.767	80.763
13.619	2.98787	50.002	49.996	49.996	25.83	0.312	0.011747	15785	4.899	88.259
13.6375	3.00652	49.994	49.998	49.995	26.5	0.303	0.022185	15785	4.697	89.987
13.6704	2.99915	49.998	50.001	50.001	25.85	0.303	0.016431	15785	5.07	91.47
13.6754	3.00262	49.998	50.001	50	25.87	0.301	0.010737	15785	5.404	92.568
13.6739	2.99735	50.001	49.998	50	26.52	0.318	0.013519	15785	6.191	92.968
13.6498	2.99504	50	50	49.996	25.78	0.302	0.015019	15785	6.595	93.098
13.6784	3.00192	49.997	49.997	49.998	26.49	0.29	0.016685	15785	6.968	94.032
13.7095	3.01051	49.997	49.994	49.998	26.47	0.296	0.021008	15785	7.503	93.321
13.671	2.99975	49.998	49.998	49.998	26.49	0.288	0.023338	15785	8.229	92.69
13.6453	3.00125	49.995	50	49.997	24.39	0.311	0.025928	15785	9.469	90.768
13.6825	3.00173	49.998	49.998	50.001	24.11	0.294	0.032645	15785	9.883	89.987
13.6736	2.99799	49.998	49.996	50	24.4	0.3	0.021333	15785	10.951	88.569

13.6536	2.99058	49.998	49.999	50	25.89	0.297	0.013941	15785	11.545	88.079
13.6614	3.00408	50.003	49.996	50.008	26.47	0.283	0.00911	15785	11.756	83.93
13.689	3.00328	49.998	49.999	50.001	26.01	0.31	0.010121	15785	9.651	90.55
13.6949	3.00945	50.004	50.002	50.001	25.15	0.294	0.004409	15785	9.026	90.914
13.698	3.00385	50.004	50	49.994	24.46	0.291	0.016045	15785	8.491	91.211
13.6778	3.00308	49.998	50	50	23.87	0.281	0.017825	15785	7.543	93.311
13.6829	3.00325	50.001	50.001	50	24.63	0.282	0.006852	15785	6.776	94.799
13.6365	2.98854	49.996	50.001	49.999	26.1	0.288	0.012941	15785	6.191	94.562
13.6289	2.99112	50.004	50	50.002	25.98	0.294	0.016293	15785	5.333	95.137
13.6856	3.00399	49.994	50.002	49.999	26.39	0.301	0.020514	15785	4.818	94.102
13.6631	2.99975	49.998	50.004	50.001	26.29	0.291	0.02279	15785	4.475	94.858
13.6867	3.00926	50.004	49.997	49.996	25.79	0.295	0.043041	15785	3.353	94.305
13.6966	2.99906	49.997	49.997	49.997	26.47	0.311	0.005725	15785	2.727	92.611
13.6372	2.99156	50.002	50.003	50.002	26.47	0.289	0.053121	15785	2.525	93.025
13.6732	3.00746	50	49.996	49.997	26.04	0.32	0.039343	15785	2.241	90.889
13.638	2.99575	49.999	50.002	50.001	26.48	0.306	0.015124	15785	1.979	88.941
13.6781	3.00177	50.002	50.005	50.002	26.46	0.314	0.028563	15785	1.564	89.535
13.6787	3.00608	49.998	49.997	49.999	26.47	0.308	0.018666	15785	1.139	88.916
13.6747	3.00653	50	50.003	50	25.87	0.299	0.023501	15785	0.826	89.237
13.6598	3.00212	49.995	49.998	50	26.04	0.305	0.015358	15785	0.532	90.435
13.6781	3.00222	50.004	50	49.995	25.76	0.306	0.010036	15785	0.735	90.281
13.6601	2.99972	49.997	50	49.996	25.85	0.304	0.012637	15785	0.998	88.964
13.6599	3.00146	49.998	50.004	50.001	25.78	0.292	0.023865	15785	0.654	88.684
13.6599	3.00142	50	49.997	50.001	26.54	0.292	0.015596	15785	0.775	88.8
13.6478	2.98517	50	50	50	26.56	0.306	0.017326	15785	1.241	90.997
13.666	3.00273	50	50.003	50	25.81	0.303	0.019248	15785	2.302	89.748
13.7246	3.01513	50.001	50.002	49.998	26.21	0.303	0.021384	15785	2.272	88.61
13.6459	2.99769	49.998	50.002	49.998	25.84	0.29	0.009316	15785	1.928	89.925
13.6777	3.0009	49.998	50	49.993	26.13	0.308	0.017595	15785	1.665	91.358
13.6625	3.0005	49.998	49.999	49.997	26.47	0.305	0.019547	15785	1.918	91.65
13.6787	2.99492	50.002	50.002	49.997	26.48	0.307	0.021715	15785	2.353	91.79
13.6698	3.00056	50.003	50.01	50.001	26.53	0.321	0.014191	15785	2.797	91.827
13.6567	2.99685	49.996	50.004	49.997	26.47	0.3	0.026801	15785	3.04	91.851
13.6588	2.99962	50.004	49.998	50	26.45	0.286	0.029774	15785	3.363	94.468
13.6958	3.00881	49.996	50	50.002	26.47	0.297	0.011445	15785	4.111	95.596
13.6914	3.00329	49.999	49.996	50.003	26.47	0.305	0.012715	15785	5.222	95.909

13.6724	3.00494	50	49.993	50	25.38	0.313	0.046267	15785	6.514	94.998
13.672	3.01026	49.998	50.001	50.002	23.74	0.309	0.017785	15785	7.674	94.246
13.654	2.99157	50.002	50	49.997	23.97	0.285	0.033589	15785	8.411	94.758
13.6712	3.00467	49.998	49.997	50.003	24	0.292	0.007595	15785	7.644	95.944
13.6905	3.00364	50	49.999	50.001	23.72	0.296	0.024386	15785	7.886	96.336
13.7086	3.00582	50	50	50.003	23.72	0.307	0.009374	15785	8.915	96.625
13.6653	2.99965	50	49.998	49.998	24.04	0.277	0.011803	15785	9.57	96.686
13.663	2.99592	49.999	50.002	50	24.45	0.282	0.011569	15785	10.739	96.726
13.6611	3.00572	50	50	49.996	24.5	0.299	0	15785	11.434	96.671
13.6537	2.99054	50.001	50.001	49.999	25.23	0.285	0.011439	15785	13.347	96.532
13.6911	3.00695	49.998	50.002	49.998	25.87	0.285	0.012708	15785	14.253	92.132
13.6688	3.00277	50.007	50.008	50.002	26.52	0.28	0.003257	15785	13.941	91.537
13.6501	2.99572	50.002	50.003	49.995	27.21	0.273	0.010456	15785	13.941	87.69
13.6407	2.99242	49.998	49.996	49.998	27.34	0.274	0.011616	15785	13.206	87.442
13.6533	2.99107	50.006	49.995	50.003	27.14	0.289	0.014626	15785	13.035	86.767
13.6734	3.0049	49.999	50.004	50.005	27.26	0.284	0.009558	15785	13.166	86.518
13.6856	3.00445	49.999	50.001	50.002	26.47	0.292	0.010618	15785	12.502	88.128
13.6869	3.00469	50.008	50	49.995	25.76	0.284	0.006939	15785	12.663	85.714
13.6896	3.00723	49.994	50.001	49.996	25.74	0.273	0.025249	15785	12.894	84.145
13.675	2.99872	50	50	50.002	25.84	0.286	0.0165	15785	13.005	82.717
13.6665	2.99256	50.003	49.999	49.997	25.09	0.286	0.020775	15785	10.789	78.566
13.671	3.00048	49.998	50	50.004	26.38	0.3	0.02308	15785	4.858	82.982
13.6729	3.00048	50.002	49.996	50.001	25.79	0.311	0.010055	15785	3.525	84.413
13.6555	2.99735	49.995	50.004	50	25.79	0.303	0.032283	15785	3.919	80.177
13.6781	3.00214	49.998	49.998	50.002	25.78	0.306	0.008273	15785	3.464	79.266
13.66	2.99843	49.998	49.998	49.993	25.8	0.307	0.005406	15785	3.283	79.081
13.6649	3.00138	50.001	50.003	50.001	25.83	0.293	0.029509	15785	2.13	80.577
13.668	3.00239	49.996	49.997	49.999	25.3	0.31	0.012856	15785	1.625	81.718
13.6276	2.98994	50.005	49.996	49.998	25.83	0.313	0.02428	15785	1.119	85.065
13.7104	3.00883	50.003	49.997	49.999	26.05	0.317	0.026973	15785	0.431	84.919
13.6532	2.99345	49.999	49.999	50.006	26.52	0.299	0.019977	15785	-0.641	88.771
13.6754	2.99873	49.996	50.002	50.007	26.5	0.316	0.013055	15785	0.634	86.681
13.6676	2.99773	49.995	50.001	49.995	24.41	0.296	0.024656	15785	2.08	82.009
13.6764	2.99795	50.005	49.997	50.006	26.34	0.29	0.016112	15785	2.373	76.682
13.6632	3.00021	50	50	49.996	26.16	0.298	0.03043	15785	3.414	75.625
13.6921	3.0091	50.003	50	50.002	25.39	0.288	0.011698	15785	3.97	75.024

13.6626	2.99941	50.005	50.007	50.001	26.57	0.304	0.007644	15785	3.505	74.648
13.6692	3.00143	50.006	50	50.001	25.93	0.299	0.009625	15785	3.808	76.622
13.653	2.99774	49.999	50.003	50.005	26.45	0.288	0.030901	15785	3.828	78.721
13.644	2.99272	50	49.996	50	25.14	0.29	0.020194	15785	3.636	82.742
13.6253	2.99423	50.001	50.007	50.006	26.1	0.301	0.013197	15785	3.707	83.864
13.6595	3.00096	49.999	50.001	49.997	25.78	0.292	0.024923	15785	3.949	84.742
13.654	2.9968	50.002	49.998	50.005	25.78	0.306	0.03138	15785	3.828	87.461
13.6794	2.99742	50	49.997	49.993	25.4	0.301	0.034861	15785	4.071	87.456
13.6603	2.99683	50.006	49.999	50.003	25.49	0.299	0.022782	15785	4.192	87.619
13.7055	3.00914	49.994	50	49.999	25.78	0.3	0.014888	15785	3.596	88.604
13.6871	3.00438	50	49.996	50.001	25.4	0.295	0.028117	15785	2.09	91.884
13.6913	3.00156	49.996	49.997	49.992	25.56	0.306	0.018374	15785	2.13	92.877
13.6835	2.99715	50.001	50.005	50.003	25.78	0.292	0.023135	15785	2.969	91.374
13.6686	2.99954	50.001	50.003	50.001	26.14	0.308	0.015118	15785	2.959	90.153
13.6923	3.00516	50.003	50	50.002	25.78	0.309	0.00988	15785	2.09	91.223
13.6572	2.99386	49.999	49.999	49.995	26.04	0.324	0.003798	15785	0.35	93.073
13.6596	3.00196	49.998	50.012	50.008	26.44	0.33	0.012194	15785	-0.196	94.226
13.6465	2.99106	49.996	49.998	49.999	26.46	0.319	0.023029	15785	-0.014	93.013
13.6549	3.00316	49.998	50.001	49.995	26.39	0.314	0.028995	15785	-0.439	92.77
13.6661	3.00386	50.002	49.999	49.991	26.04	0.326	0.018948	15785	1.149	90.182
13.6539	3.00114	50.003	49.997	49.998	25.1	0.311	0.007284	15785	2.949	82.35
13.6451	2.99819	50.004	49.997	50	27.2	0.313	0.013756	15785	4.343	76.933
13.6828	2.9982	50	50	49.999	27.75	0.323	0.00899	15785	5.07	75.28
13.6524	2.99219	49.998	50	49.997	28.46	0.306	0.009987	15785	5.969	72.971
13.6935	2.99947	49.998	49.999	49.995	28.62	0.302	0.021376	15785	6.12	73.258
13.71	3.0103	49.997	50.003	50.003	28.01	0.302	0.013969	15785	6.857	70.677
13.6613	2.99552	50.001	50	49.996	29.05	0.295	0.015519	15785	6.11	74.099
13.6935	3.01	50	49.998	49.991	27.12	0.3	0.010142	15785	4.98	80.659
13.6718	2.99638	50.004	50	49.998	25.94	0.294	0.019153	15785	2.151	89.178
13.7189	3.00915	50	50.001	49.994	25.8	0.302	0.021278	15785	2.353	87.375
13.668	2.9996	50.002	50.001	50	26.25	0.316	0.023639	15785	1.594	89.161
13.6859	3.00622	50	49.996	49.996	26.57	0.316	0.026261	15785	1.109	87.711
13.6937	3.00116	49.997	50.003	49.999	26.47	0.32	0.033065	15785	0.613	88.61
13.6632	2.99453	49.997	50.003	49.997	26.45	0.327	0.021608	15785	0.391	89.376
13.6708	3.00654	50.003	49.999	49.996	26.52	0.307	0.014121	15785	0.482	90.048
13.6561	2.99807	49.998	50.001	49.998	26.45	0.318	0.026668	15785	0.887	91.235

13.6305	2.98792	50.003	50.006	50.004	26.5	0.303	0.019751	15785	0.876	92.736
13.6584	3.00154	50	49.998	49.994	26.41	0.31	0.021942	15785	1.605	90.135
13.6535	2.99576	50	49.999	50.002	26.52	0.315	0.041441	15785	2.11	85.174
13.6612	2.99799	49.998	49.999	49.998	26.72	0.315	0.009371	15785	2.151	84.263
13.6477	2.99586	50	50.008	49.997	26.73	0.318	0.011798	15785	2.373	83.705
13.6687	3.00729	50.006	50.004	49.998	26.53	0.32	0.03788	15785	3.02	82.413
13.6934	3.00437	49.999	50.002	49.999	26.53	0.312	0.014561	15785	3.414	82.783
13.6764	3.00482	50.004	49.997	50	26.45	0.314	0.016177	15785	3.677	82.311
13.6771	3.00363	50.002	50.001	49.991	26.45	0.298	0.010571	15785	3.848	84.65
13.6572	2.99795	50.003	50.008	49.998	25.82	0.303	0.022627	15785	3.343	92.511
13.6808	3.0018	50.001	49.996	50.001	26.53	0.325	0.042734	15785	3.707	93.674
13.6988	3.01055	49.996	49.998	50.002	25.23	0.292	0.009663	15785	4.172	93.802
13.6476	2.99345	50.003	49.995	50	25.8	0.301	0.031025	15785	4.151	94.848
13.6353	2.99557	49.999	50.001	49.996	26	0.302	0.013516	15785	4.475	95.299
13.6846	3.00507	50.003	50.001	49.995	25.43	0.293	0.008833	15785	4.798	95.67
13.6625	2.99839	50.002	50.002	49.995	25.7	0.295	0.016682	15785	4.747	95.716
13.7028	3.00024	49.999	49.995	49.997	25.38	0.291	0.010901	15785	4.646	95.71
13.6565	2.99955	50.002	49.997	49.999	25.09	0.305	0.023334	15785	4.757	96.034
13.65	2.99306	50.001	49.996	50.002	25.14	0.304	0.015248	15785	4.899	96.215
13.658	2.99872	50.004	50.004	50.002	25.86	0.288	0.005862	15785	4.767	96.32
13.6613	3.00222	50.008	50.005	50.003	25.81	0.303	0.036259	15785	4.212	96.376
13.6944	3.00472	50.009	50	50.003	25.83	0.322	0.023695	15785	3.869	96.356
13.6743	3.00663	50	49.999	49.997	25.94	0.311	0.015485	15785	3.677	96.223
13.6416	2.99744	49.997	49.997	50	26.48	0.309	0.010119	15785	3.363	95.977
13.6598	2.99992	50.004	50.002	49.999	26.47	0.318	0.011242	15785	3.08	94.47
13.6868	2.99867	50.004	49.994	49.998	25.86	0.317	0.014154	15785	2.666	93.368
13.657	2.99599	49.997	50.005	49.999	26.42	0.309	0.015724	15785	2.403	92.748
13.666	2.99438	50	50.001	49.994	26.48	0.318	0.010276	15785	2.13	92.755
13.6667	2.99895	50.002	49.996	49.998	26.54	0.304	0.011416	15785	2.09	91.967
13.6672	2.99498	50.006	49.999	50.001	26.63	0.316	0.02156	15785	1.402	93.323
13.6603	2.9942	50	49.998	49.996	26.67	0.331	0.027146	15785	1.524	91.32
13.7155	3.00714	50.001	49.998	49.999	26.31	0.304	0.01774	15785	1.524	90.657
13.6947	3.00384	50.001	50	50.002	26.38	0.324	0.011593	15785	1.665	88.796
13.6905	3.00225	50	49.999	50.008	26.45	0.301	0.03722	15785	1.969	87.583
13.6513	2.99695	49.999	49.994	50.001	26.8	0.331	0.008416	15785	3.131	85.244
13.6454	2.99223	50.002	50.005	50.004	25.78	0.297	0.045936	15785	3.464	82.331

13.6827	3.00055	50.003	49.996	50	26.44	0.315	0.011772	15785	3.586	78.764
13.6844	3.01052	50.003	49.999	50.002	26.53	0.313	0.022233	15785	3.121	78.373
13.6458	3.00023	50.001	50	50	26.79	0.33	0.008547	15785	2.676	78.275
13.6721	2.9951	50.007	49.999	50.003	26.47	0.321	0.031099	15785	2.434	79.56
13.6943	3.00793	50	50.005	50.001	26.43	0.314	0.011955	15785	1.625	78.737
13.6666	2.99939	49.999	49.994	50.005	26.5	0.315	0.013281	15785	1.281	78.422
13.6819	3.00293	50.001	50.002	50.002	26.47	0.313	0.014754	15785	0.866	79.656
13.6761	2.9961	50	49.999	50.004	26.51	0.317	0.009642	15785	0.694	81.271
13.6586	2.99788	50.005	49.998	50.001	26.5	0.318	0.006301	15785	0.502	80.671
13.646	3.00059	49.998	49.997	50.006	26.58	0.315	0.02023	15785	0.431	81.348
13.634	2.99388	49.999	49.999	49.997	26.75	0.315	0.022474	15785	0.897	80.412
13.6694	3.00274	49.998	49.994	50.002	26.59	0.305	0.024967	15785	1.16	78.371
13.6965	3.00315	50.004	50.003	49.999	26.75	0.316	0.031436	15785	1.261	79.391
13.6906	3.00006	50	50.004	49.997	26.55	0.324	0.020543	15785	0.978	77.517
13.6502	2.99667	49.997	49.996	49.999	26.61	0.314	0.038798	15785	0.775	79.305
13.6689	3.00045	50	49.997	50.003	26.64	0.318	0.008773	15785	0.097	85.675
13.6652	3.0076	50.007	49.996	49.999	26.56	0.33	0.016569	15785	-0.257	87.32
13.6666	3.00104	50	49.999	50.002	26.49	0.319	0.012271	15785	-0.378	88.478
13.6417	2.99416	50.005	50	50.005	26.47	0.335	0.013633	15785	-0.439	87.464
13.6953	3.00729	49.997	49.998	50	26.46	0.337	0.025747	15785	-0.55	88.267
13.6912	3.00444	49.996	50.006	50.006	25.08	0.328	0.028603	15785	-0.672	91.097
13.6765	3.00297	49.997	49.994	49.999	26.45	0.319	0.021184	15785	-0.692	92.945
13.6668	2.99495	50.003	49.995	49.999	26.47	0.316	0.023535	15785	-0.742	95.042
13.6767	2.99094	50.003	49.997	50.003	26.43	0.32	0.01538	15785	-0.692	95.898
13.6778	3.00661	49.997	50.001	50	26.36	0.32	0.017086	15785	-0.56	96.125
13.6394	2.99454	49.999	50.002	49.996	26.4	0.299	0.011166	15785	-0.327	96.212
13.6343	2.9901	49.999	50.001	50.002	26.17	0.313	0.021087	15785	-0.267	96.134
13.6744	3.00158	49.997	49.998	50.007	26.22	0.312	0.023427	15785	0.29	91.233
13.6553	2.99779	49.996	50	50.001	26.16	0.306	0.010206	15785	0.249	93.085
13.6855	3.00379	50.002	49.996	50.001	26.44	0.315	0.019276	15785	0.492	92.671
13.6515	2.98999	50.004	49.999	50	26.38	0.299	0.012596	15785	0.381	93.599
13.6636	2.99817	49.998	50.005	50.001	26.45	0.307	0.01586	15785	0.492	94.085
13.6665	3.00069	49.998	50.004	49.998	25.82	0.3	0.010364	15785	0.674	95.446
13.674	2.99842	50.001	49.998	50.001	25.96	0.293	0.013049	15785	2.585	95.753
13.7008	3.00392	49.997	50.004	50.002	26.47	0.308	0.024645	15785	2.787	93.341
13.6681	2.99888	50.001	50	49.998	26.32	0.31	0.010737	15785	2.191	92.934

13.6689	3.00081	49.995	49.999	50.001	26.3	0.321	0.020278	15785	0.957	93.56
13.6788	3.00401	49.999	49.999	50.007	26.3	0.316	0.013251	15785	0.725	93.493
13.676	3.00419	49.997	50.002	49.996	25.92	0.311	0.009814	15785	0.553	94.043
13.6611	2.99746	49.998	50	49.996	25.77	0.314	0.018536	15785	-0.014	94.59
13.6645	2.99537	50.003	49.994	49.997	25.75	0.31	0.020592	15785	-0.439	92.995
13.6611	2.99734	49.999	49.997	49.997	25.97	0.309	0.015251	15785	-0.722	91.856
13.6397	2.98864	50.001	49.998	49.999	25.88	0.329	0.016943	15785	-0.975	89.664
13.6615	2.99449	50.004	50	50.001	25.84	0.299	0.018823	15785	-1.289	89.249
13.6818	3.00395	49.997	50.002	49.996	26.26	0.305	0.020911	15785	-1.228	88.937
13.6382	2.99766	50.003	50.001	50	26.45	0.309	0.008038	15785	-1.188	87.126
13.6488	2.99275	50	50	50	26.47	0.329	0.043874	15785	-1.188	87.403
13.6747	3.0057	49.997	50.01	50.003	26.14	0.316	0.016865	15785	-0.803	86.256
13.6772	3.0052	50	50.004	49.999	26.43	0.332	0.031852	15785	-0.945	85.11
13.6445	2.99429	50.003	50.001	49.997	26.27	0.311	0.035386	15785	-1.35	85.248
13.6758	2.99728	50.001	50.006	50.004	26.27	0.321	0.023124	15785	-1.512	84.839
13.6969	3.00451	49.999	50.003	50.001	26.22	0.333	0.02569	15785	-1.694	83.648
13.6623	2.99772	50.002	49.995	50.001	26.37	0.325	0.016788	15785	-2.038	82.181
13.6221	2.99556	49.996	50	49.999	26.47	0.321	0.031706	15785	-2.018	83.614
13.6845	3.00402	49.998	50.003	50	26.47	0.316	0.023483	15785	-2.301	82.343
13.689	3.00577	50.006	50.01	50	26.52	0.32	0.015346	15785	-2.322	82.966
13.6788	2.998	49.994	49.994	49.998	26.31	0.336	0.017048	15785	-2.504	82.25
13.6908	3.00927	49.999	50.001	49.999	26.53	0.307	0.021465	15785	-2.595	82.539
13.6761	3.00069	50.001	49.997	50.007	26.48	0.302	0.023846	15785	-2.828	81.679
13.6403	3.00065	49.999	49.998	49.998	26.14	0.319	0.015583	15785	-2.899	82.379
13.6663	2.99496	50.005	50.001	50	26.47	0.316	0.029431	15785	-2.96	82.365
13.6659	2.99419	50.002	49.997	49.995	26.59	0.32	0.032696	15785	-2.788	79.961
13.6804	2.99981	50.003	50.004	50	26.47	0.317	0.021367	15785	-3.071	81.351
13.6827	3.00919	50	49.994	50.002	26.52	0.319	0.013963	15785	-3.213	82.014
13.6778	3.00064	50.002	50	50.006	26.54	0.318	0.01758	15785	-3.274	82.268
13.6491	3.0009	50.004	49.998	49.999	26.47	0.319	0.033202	15785	-3.152	82.477
13.6722	2.99663	50.003	50.003	49.997	26.51	0.32	0.021698	15785	-4.074	93.405
13.6867	3.00056	49.998	50	49.999	26.56	0.328	0.014179	15785	-4.105	93.664
13.6745	2.99772	50.001	49.999	50.001	26.61	0.319	0.015752	15785	-3.375	93.216
13.681	3.00198	49.996	49.998	49.996	26.17	0.314	0.02975	15785	-2.99	93.092
13.6603	3.00314	49.994	50	50.007	26.24	0.313	0.011436	15785	-2.079	80.605
13.6548	2.99229	50	50.003	50.001	24.89	0.305	0.024478	15785	-1.421	79.139

13.6867	3.00192	49.998	49.991	49.999	25.84	0.32	0.015996	15785	-1.674	79.193
13.6851	3.00102	49.997	50.003	49.997	26.73	0.319	0.051358	15785	-1.917	80.023
13.6458	2.99934	49.998	50.003	50	26.51	0.315	0.019743	15785	-2.565	81.651
13.6994	3.00292	50.001	50.001	50.006	26.56	0.315	0.012902	15785	-2.848	85.161
13.6684	2.99672	49.999	49.999	50.001	26.52	0.305	0.008431	15785	-2.859	84.199
13.6526	2.99556	49.997	50.003	50.002	26.47	0.305	0.030679	15785	-2.808	85.775
13.7061	3.00512	49.999	49.996	50.003	26.48	0.329	0.034082	15785	-2.686	84.068
13.6225	2.99384	50	50.001	50.002	26.69	0.325	0.013102	15785	-2.848	85.681
13.6598	2.99477	49.996	49.997	50	26.55	0.327	0.014555	15785	-2.869	85.845
13.6739	3.00229	49.999	50.007	50.003	26.48	0.332	0.009512	15785	-2.929	85.141
13.6671	2.99833	49.999	50.006	50.004	26.53	0.305	0.017964	15785	-3.01	80.417
13.6901	3.00841	49.996	50	49.999	26.45	0.318	0.03845	15785	-3.183	82.89
13.6472	2.99884	49.998	50.002	50.002	26.39	0.318	0.01478	15785	-3.112	83.349
13.6649	2.99645	50.006	50.003	50	26.44	0.315	0.027914	15785	-3.831	82.379
13.7102	3.00914	50.001	49.992	50	26.47	0.319	0.018242	15785	-4.267	85.366
13.6735	3.00005	49.997	50.002	50.001	26.47	0.328	0.058568	15785	-4.916	87.39
13.6532	2.9935	49.998	50.004	49.996	26.5	0.328	0.015009	15785	-4.632	87.753
13.676	3.00077	49.986	50	49.999	26.33	0.335	0.048189	15785	-4.044	83.211
13.6897	3.00951	49.996	50.002	49.999	26.47	0.327	0.031492	15785	-4.105	83.087
13.6456	2.99485	49.997	49.997	50	26.47	0.337	0.023324	15785	-4.186	83.833
13.6851	3.00067	50.003	49.996	50.002	26.52	0.331	0.015242	15785	-3.872	83.735
13.6599	2.99898	50.002	50.01	50.011	24.4	0.325	0.011981	15785	-3.031	82.343
13.6516	2.99452	49.997	49.999	49.994	26.47	0.313	0.01331	15785	-3.01	79.196
13.7096	3.00625	49.999	49.998	50.006	26.52	0.322	0.005117	15785	-2.95	75.129
13.6821	2.99874	49.997	49.999	50.003	26.47	0.339	0.018617	15785	-3.173	78.743
13.6943	3.0063	49.998	50.003	50.001	26.47	0.337	0.020683	15785	-2.889	78.719
13.6422	2.99567	49.998	50.001	50.009	26.34	0.339	0.007951	15785	-3.314	77.381
13.6242	2.98875	50.003	50	49.998	26.29	0.313	0.008833	15785	-3.862	78.33
13.6898	3.00143	49.999	49.998	49.996	25.82	0.342	0.018906	15785	-5.118	81.761
13.6496	2.99589	50.001	50.003	49.999	25.87	0.328	0.021003	15785	-5.99	84.742
13.6609	2.99671	49.999	50	49.997	25.97	0.327	0.015556	15785	-6.132	86.536
13.6653	3.00077	50.008	50	49.998	25.84	0.346	0.029378	15785	-6.254	85.67
13.6917	3.0065	49.999	49.996	50.001	25.91	0.323	0.036989	15785	-4.611	79.86
13.6958	3.00288	50	50.001	50.002	26.17	0.322	0.024172	15785	-5.605	81.268
13.6578	2.99379	49.999	50.005	50.003	25.85	0.328	0.030435	15785	-5.422	81.91
13.6671	2.99719	49.996	50.005	50.001	25.93	0.348	0.011699	15785	-5.605	80.867

13.6893	3.00568	50.004	50	49.997	25.88	0.336	0.022095	15785	-6.254	79.616
13.6479	2.99562	49.999	50.005	49.997	25.8	0.343	0.02782	15785	-6.822	79.214
13.6867	3.00545	49.998	49.997	50.004	25.82	0.335	0.010694	15785	-6.863	81.302
13.6695	2.99918	49.999	50.004	50.001	25.87	0.327	0.013465	15785	-6.721	81.863
13.6894	3.00576	50.002	50	49.997	25.8	0.332	0.014958	15785	-6.355	82.416
13.6954	3.00759	49.995	50.004	50.006	25.82	0.325	0.016618	15785	-6.011	81.327
13.6436	2.99462	49.999	50.003	50.004	25.83	0.321	0.031385	15785	-5.564	81.5
13.6585	2.9911	49.998	49.998	50.002	25.92	0.314	0.02051	15785	-4.956	79.485
13.6802	3.00202	50.006	50.003	50.001	26.05	0.33	0.025823	15785	-4.774	79.999
13.6832	3.00084	49.996	49.999	50.003	26.04	0.337	0.016875	15785	-4.693	81.462
13.6817	2.99583	50.001	49.996	49.999	26.31	0.324	0.021247	15785	-3.963	80.713
13.683	3.00199	50.004	50.005	50.002	26.17	0.32	0.040127	15785	-3.375	79.182
13.6718	3.00403	50	50.003	50	26.2	0.32	0.015425	15785	-2.859	78.091
13.6935	3.00914	50	49.997	49.998	26.13	0.313	0.019422	15785	-1.734	76.255
13.6779	3.00094	50.002	49.997	49.997	26.25	0.313	0.03668	15785	-1.188	76.229
13.6976	3.00557	49.998	50.004	50.002	26.35	0.32	0.0141	15785	-1.562	79.458
13.6996	3.00633	50.002	49.997	50.004	26.45	0.321	0.015664	15785	-1.309	79.606
13.6774	3.00131	49.999	49.998	49.998	26.47	0.327	0.010237	15785	-0.894	75.909
13.686	3.00806	49.996	49.992	49.997	26.21	0.317	0.007581	15785	-0.783	75.64
13.6562	3.00061	50.005	50.002	50.001	26.23	0.319	0.04138	15785	-1.613	79.282
13.6636	3.00649	50.002	49.996	49.996	25.89	0.329	0.009357	15785	-1.876	78.358
13.6704	3.00312	49.999	49.995	49.998	25.89	0.311	0.017672	15785	-1.937	76.737
13.6491	2.99394	49.998	49.997	49.998	25.81	0.317	0.019632	15785	-3.092	80.028
13.6989	3.00772	50.001	50.001	49.998	25.84	0.341	0.037077	15785	-3.436	78.2
13.6696	3.00087	50.002	49.999	50.003	26.11	0.319	0.02423	15785	-4.47	81.425
13.6748	2.9987	50.002	50.008	49.998	26.03	0.319	0.015834	15785	-5.199	83.411
13.643	2.99127	50.002	49.999	50.002	26.03	0.332	0.033891	15785	-5.646	84.187
13.6799	3.00033	49.991	50.001	49.997	25.76	0.317	0.025101	15785	-6.355	85.728
13.6738	3.00226	49.998	50.001	49.994	25.95	0.326	0.016403	15785	-7.045	87.044
13.6826	3.00163	50.002	50.005	49.997	26.08	0.327	0.01072	15785	-7.492	87.803
13.6926	3.00481	50	50.001	49.996	26.01	0.338	0.013497	15785	-7.248	87.175
13.6525	2.99567	49.999	50	49.996	25.93	0.34	0.014994	15785	-6.66	85.441
13.6845	3.0015	49.999	49.999	50.001	26.21	0.32	0.005764	15785	-4.875	81.553
13.6822	3.00165	50.006	49.997	49.998	26.23	0.316	0.018505	15785	-3.862	78.193
13.6722	3.01049	49.998	50.012	50.007	26.47	0.319	0.0233	15785	-2.099	75.359
13.6724	2.99565	50	50.005	50.002	25.17	0.296	0.008957	15785	-1.006	72.223

13.6525	2.99834	50.002	49.998	49.995	26.44	0.307	0.00995	15785	-0.105	71.044
13.6698	2.99481	50.005	49.999	49.996	26.63	0.311	0.012528	15785	0.816	68.317
13.664	3.00162	50	49.997	49.998	26.84	0.305	0.013918	15785	1.099	69.565
13.6886	3.00644	50.002	49.999	49.996	27.11	0.314	0.02979	15785	0.624	75.308
13.7091	3.00681	49.999	50.002	49.99	26.69	0.318	0.011452	15785	-1.107	81.999
13.6602	3.0034	50.002	49.998	49.999	26.08	0.311	0.021628	15785	-1.168	83.726
13.6663	2.99906	49.999	49.997	50.003	25.8	0.319	0.016018	15785	-1.117	83.342
13.6875	3.00267	50.001	50.001	49.995	26.17	0.319	0.010468	15785	-1.461	84.873
13.6713	2.99546	50.004	50.002	50.003	25.96	0.319	0.019769	15785	-1.613	80.919
13.6562	2.99774	50.003	49.997	50.012	25.87	0.331	0.037336	15785	-1.977	79.524
13.6869	3.00075	50	49.999	49.998	26.09	0.312	0.014352	15785	-3.142	82.944
13.7093	3.00921	49.998	49.999	49.997	26.46	0.321	0.04608	15785	-4.095	83.637
13.6786	3.00035	50	50	50.004	26.47	0.334	0.017714	15785	-5.281	85.197
13.6597	2.9964	50.004	49.992	50.004	26.46	0.314	0.013119	15785	-5.514	84.84
13.6986	3.00701	49.997	49.998	49.997	26.37	0.34	0.008573	15785	-5.929	84.566
13.6799	3.00638	50.002	50	49.996	26.36	0.318	0.009524	15785	-6.792	86.408
13.6444	2.9894	50.002	50	49.999	26.46	0.311	0.011992	15785	-7.025	86.022
13.6668	2.99952	50.001	49.995	49.997	26.46	0.324	0.013322	15785	-7.431	86.533
13.6841	3.00636	49.999	49.995	49.999	26.46	0.315	0.016774	15785	-7.157	85.31
13.6723	3.0001	50.007	49.998	49.995	26.47	0.316	0.006448	15785	-5.564	84.207
13.6855	2.99956	49.996	50.004	49.997	26.47	0.337	0.013801	15785	-4.084	83.135
13.66	3.00187	50.001	50.002	49.999	26.53	0.319	0.026065	15785	-2.686	78.922
13.7013	3.01032	50.001	50.002	50.001	26.47	0.32	0.017034	15785	-2.079	76.515
13.6877	3.00075	50.004	50	50.002	26.46	0.316	0.012616	15785	-2.281	76.235
13.6794	3.00245	49.995	49.999	50.001	26.6	0.32	0.023826	15785	-2.291	74.252
13.6756	2.99919	50	50	50.006	26.46	0.309	0.01038	15785	-2.19	76.18
13.6538	2.99498	50	50.003	49.998	26.1	0.314	0.019604	15785	-2.241	75.714
13.6878	3.0051	49.997	49.999	50.005	26.58	0.318	0.024682	15785	-2.322	76.677
13.6781	3.00683	49.999	50.003	49.999	26.61	0.318	0.009488	15785	-2.666	79.205
13.6764	2.99851	49.997	49.996	50.006	26.61	0.327	0.017919	15785	-2.808	81.005
13.6557	2.9955	49.998	50.001	49.999	26.7	0.32	0.019907	15785	-3.132	83.542
13.6876	3.00874	49.995	50.003	50.001	26.54	0.324	0.014744	15785	-3.375	82.866
13.6657	3.00274	50.005	49.997	50	26.4	0.338	0.005668	15785	-3.335	80.474
13.6458	3.00018	50.001	50.003	49.998	26.8	0.319	0.010704	15785	-3.436	81.849
13.6556	2.99567	49.999	50.006	49.999	26.6	0.321	0.022911	15785	-3.294	78.132
13.6807	3.00553	49.994	50.001	49.994	26.56	0.32	0.008807	15785	-5.402	83.838

13.6416	2.99361	50.002	49.998	50.002	26.48	0.341	0.018851	15785	-6.355	85.728
13.6775	3.00318	50.001	50.001	49.999	26.47	0.329	0.007247	15785	-6.853	85.308
13.6777	3.00275	49.999	50	50.002	26.47	0.342	0.015511	15785	-7.137	86.175
13.6778	2.99758	49.999	50.002	49.996	26.44	0.337	0.033199	15785	-7.39	85.757
13.6544	2.98805	50.002	50.001	49.996	26.51	0.325	0.007507	15785	-7.116	86.283
13.6481	2.99243	50.002	50.01	50	26.47	0.329	0.016068	15785	-5.199	84.529
13.669	2.99803	49.995	50.002	50	26.58	0.328	0.010501	15785	-5.26	84.347
13.6961	3.01043	50.001	50	50.005	26.59	0.32	0.022476	15785	-4.541	81.654
13.6737	3.00101	49.999	49.999	50.001	26.11	0.335	0.024969	15785	-2.545	73.955
13.6394	3.0005	49.995	49.998	50.005	26.37	0.323	0.018493	15785	-1.714	67.605
13.6623	2.99869	50.004	50.001	50.001	24.96	0.318	0.020544	15785	-1.097	65.124
13.6495	2.99726	50.001	49.992	49.994	25.09	0.331	0.0388	15785	-0.236	63.728
13.6552	2.99943	49.998	49.999	49.996	25.62	0.305	0.043105	15785	-1.137	68.953
13.7156	3.01301	49.999	49.996	49.998	26.01	0.321	0.011047	15785	-1.35	73.566
13.6652	2.9971	50	50	50.001	26.54	0.305	0.020863	15785	-1.562	72.01
13.6861	3.00313	50	49.999	50.002	26.53	0.309	0.00802	15785	-1.755	78.69
13.6603	2.99468	50.002	50	50	26.76	0.329	0.017166	15785	-2.848	78.49
13.647	2.9928	49.996	50.002	49.998	26.56	0.324	0.032419	15785	-3.872	81.005
13.6553	2.99384	50	50.001	50.004	26.49	0.325	0.040818	15785	-4.774	80.546
13.676	3.00452	49.998	50.003	50.004	26.57	0.328	0.017783	15785	-4.895	77.241
13.6718	3.00084	49.995	50.001	50.004	26.48	0.311	0.019756	15785	-5.321	81.335
13.6619	3.00312	50.001	49.995	50.002	26.53	0.327	0.024874	15785	-5.929	83.794
13.6481	2.9975	49.999	49.998	49.997	26.75	0.319	0.027633	15785	-5.95	85.283
13.656	2.9961	50.004	50.003	50	26.79	0.313	0.020466	15785	-6.65	89.172
13.6751	3.00695	49.998	50.001	50.003	26.63	0.324	0.013374	15785	-5.483	81.918
13.683	2.99817	49.998	50.002	50.003	26.52	0.331	0.009905	15785	-6.051	79.708
13.6596	2.99926	50.002	49.999	49.996	26.56	0.328	0.018707	15785	-6.538	81.379
13.6893	3.00954	50	49.998	49.998	26.48	0.337	0.013855	15785	-6.893	81.822
13.6789	3.00152	49.995	49.997	50.005	26.59	0.337	0.026167	15785	-7.451	82.736
13.648	2.99769	50	49.995	50.003	26.68	0.341	0.01938	15785	-7.725	83.049
13.6711	3.00119	49.998	50	50.001	26.51	0.333	0.008443	15785	-7.847	84.384
13.6782	3.00348	50.005	49.997	49.997	26.58	0.317	0.015946	15785	-6.802	84.942
13.6909	2.99637	49.999	49.998	50.001	26.61	0.331	0.017715	15785	-4.449	83.942
13.6915	3.00292	49.998	50.007	50	26.49	0.326	0.037917	15785	-2.707	80.984
13.6377	2.98943	50.003	50	50.001	25.8	0.325	0.024779	15785	-0.58	73.75
13.6449	2.98992	50.003	49.996	50.002	25.87	0.322	0.010795	15785	0.431	65.772

13.6723	3.00681	50	49.995	50.002	26.76	0.299	0.020388	15785	0.634	64.07
13.6974	3.00409	50	50.001	49.998	26.69	0.322	0.0151	15785	1.139	63.211
13.6986	3.00826	49.998	50.001	50.001	26.98	0.312	0.009868	15785	0.664	64.425
13.6625	3.00183	49.999	50	49.997	27	0.303	0.018636	15785	0.856	66.671
13.692	2.99962	50.006	49.999	50.003	26.69	0.319	0.023464	15785	-0.55	72.192
13.669	2.99627	50.008	49.997	49.999	26.63	0.309	0.017378	15785	-1.532	79.741
13.6615	2.99527	50.001	49.993	49.999	26.43	0.32	0.019306	15785	-1.724	80.527
13.6602	2.99865	49.999	49.994	49.999	26.47	0.328	0.012616	15785	-1.815	78.886
13.6669	2.99794	49.999	49.998	49.998	26.57	0.337	0.015885	15785	-2.322	80.389
13.6591	3.00024	50.004	49.998	50.011	26.47	0.326	0.017647	15785	-3.051	81.806
13.6462	2.99973	50.004	49.998	50.001	26.51	0.333	0.019605	15785	-3.314	82.102
13.6194	2.98807	49.997	49.996	50.006	26.5	0.328	0.024684	15785	-3.355	81.55
13.6704	3.00327	49.997	50	49.999	26.51	0.334	0.009489	15785	-3.203	80.55
13.6387	2.99054	49.999	49.996	50.002	26.5	0.321	0.030465	15785	-3.071	80.899
13.7216	3.01409	50.002	49.996	50.003	26.51	0.32	0.022563	15785	-3.497	81.343
13.6629	2.99428	50.005	50.003	50.002	26.5	0.32	0.014745	15785	-4.125	82.553
13.7148	3.00722	50.001	50	49.998	26.48	0.322	0.03156	15785	-4.186	81.313
13.6713	2.9975	49.996	50.003	50.001	26.45	0.342	0.01375	15785	-4.328	81.548
13.7034	3.01038	50	49.997	50.005	26.51	0.318	0.025968	15785	-4.601	81.971
13.6775	3.00626	50.004	49.998	49.998	26.47	0.327	0.011313	15785	-4.47	81.738
13.6751	3.00387	49.997	50.001	50.008	26.47	0.306	0.036323	15785	-2.869	77.027
13.7002	3.00654	49.998	49.999	49.994	26.64	0.316	0.023737	15785	-1.431	75.574
13.6389	2.99657	50.003	50.003	50.003	25.98	0.331	0.01758	15785	1.321	68.23
13.6748	3.00322	50.001	50.005	50.005	26.47	0.327	0.01953	15785	1.21	67.027
13.6928	3.00062	50.003	49.995	49.991	26.45	0.318	0.014465	15785	2.332	65.77
13.6674	3.00372	50.004	49.999	50.004	26.54	0.306	0.027318	15785	3.384	64.202
13.6506	3.00019	50	50.004	49.992	26.06	0.308	0.030349	15785	2.898	68.659
13.6716	2.9958	50.003	50.004	50.008	26.11	0.313	0.019833	15785	2.09	74.23
13.6445	2.99104	49.995	50.004	49.994	26.2	0.312	0.022033	15785	1.979	74.679
13.6439	2.99669	49.997	50.003	49.999	26.12	0.306	0.016318	15785	1.524	76.621
13.6482	2.99195	50.008	50	50.004	26.38	0.314	0.010664	15785	1.776	75.943
13.6946	3.00104	49.998	49.999	49.998	26.62	0.31	0.006969	15785	1.766	74.61
13.6502	2.99803	49.998	50.001	50.001	26.43	0.296	0.005161	15785	1.483	76.003
13.6734	3.00768	50	49.998	50.001	26.47	0.313	0.003373	15785	1.443	74.319
13.67	2.99874	50.003	50.001	50.002	26.68	0.303	0.01841	15785	1.584	72.848
13.6726	3.00299	49.989	50.005	49.996	26.6	0.31	0.039404	15785	1.544	72.057

13.6911	3.00096	49.999	49.999	50	26.15	0.311	0.005241	15785	1.241	73.507
13.6762	2.99986	50	50.002	50.003	25.92	0.31	0.028607	15785	1.22	72.975
13.6944	3.00855	50.004	50.002	49.998	26.46	0.313	0.054028	15785	1.038	75.05
13.6755	2.9967	50.002	50.002	50.002	25.77	0.312	0.007186	15785	1.2	73.197
13.6613	2.99676	49.994	49.996	49.999	26.56	0.318	0.026149	15785	1.038	75.543
13.6689	2.99669	50.001	50.004	49.994	26.46	0.31	0.049385	15785	0.917	75.098
13.6871	3.0074	50	50.005	50.003	26.26	0.313	0.018984	15785	1.119	74.747
13.6616	2.99342	50	49.996	50.001	25.77	0.31	0.02109	15785	1.483	76.709
13.6513	2.99294	49.993	50	50.001	26.47	0.326	0.013782	15785	1.776	73.315
13.6809	2.99798	49.999	49.999	49.995	25.84	0.316	0.017353	15785	2.322	72.366
13.6518	2.99709	50.002	49.994	49.994	25.81	0.292	0.019278	15785	2.676	70.723
13.6665	2.9999	50	50.003	50.001	24.54	0.292	0.024273	15785	3.464	68.002
13.6586	3.00107	49.995	49.996	49.997	25.78	0.31	0.009331	15785	3.707	69.129
13.6589	3.00052	49.997	50.001	49.998	26.45	0.32	0.019971	15785	3.656	70.889
13.6986	3.00529	50.005	50.003	49.996	25.43	0.313	0.022187	15785	3.97	74.466
13.6874	3.00799	49.997	50.001	50	25.53	0.291	0.016432	15785	3.828	76.355
13.6699	2.99983	49.998	50.001	50.002	26.54	0.306	0.020689	15785	3.485	77.629
13.6707	3.00508	49.996	49.997	49.994	26.43	0.303	0.007953	15785	3.717	73.56
13.6741	2.99982	49.995	50.005	49.999	26.59	0.307	0.025535	15785	4.02	71.556
13.6791	3.00328	49.996	49.996	49.996	25.96	0.311	0.011125	15785	2.939	78.067
13.6503	2.99379	50.001	50.003	50	26.57	0.305	0.00727	15785	2.696	79.571
13.6678	3.00267	50.003	50.004	50.001	26.3	0.311	0.01556	15785	2.757	81.236
13.6678	2.99262	50.004	50.001	49.998	26.65	0.306	0.017287	15785	2.363	83.318
13.6654	3.00235	50.001	50	50	26	0.312	0.021765	15785	1.878	90.08
13.6608	2.99319	49.996	49.999	49.999	25.73	0.311	0.02418	15785	2.969	92.204
13.6655	3.00131	50.001	50.005	49.999	25.22	0.311	0.015801	15785	2.434	92.552
13.6567	2.99707	50	50.001	50.003	26.85	0.297	0.017555	15785	1.989	92.268
13.6895	2.99835	50.001	49.999	49.997	25.95	0.304	0.019502	15785	2.08	94.131
13.661	2.99511	49.998	50.004	49.994	26.36	0.307	0.008496	15785	2.454	95.306
13.7041	3.00769	49.996	49.999	49.998	26.52	0.306	0.016046	15785	2.575	95.439
13.6926	3.00316	50.002	50.003	49.997	25.9	0.321	0.020203	15785	2.919	94.605
13.662	2.99755	49.997	50.002	49.997	26.37	0.297	0.038156	15785	2.979	94.781
13.6607	2.99889	49.999	49.999	50.002	25.88	0.314	0.008628	15785	3.404	94.6
13.6687	3.00434	49.992	49.996	49.999	26.47	0.309	0.027701	15785	3.848	95.004
13.6596	2.99434	50.001	50.001	49.999	25.62	0.306	0.012068	15785	4.596	95.892
13.6743	2.99977	50.001	50.001	49.998	26.82	0.305	0.013407	15785	5.161	95.569

13.6692	2.99909	49.998	49.995	50.002	26.47	0.302	0.005841	15785	5.575	95.969
13.6564	2.99926	50	50.003	50	26.47	0.301	0.018753	15785	5.959	95.916
13.6893	3.00717	49.997	50.001	50.002	23.96	0.299	0.012255	15785	5.919	96.108
13.6506	3.00053	50.006	50.001	50.004	24.46	0.296	0.023145	15785	5.888	96.177
13.6883	3.00033	49.994	50.003	50.003	25.09	0.299	0.017142	15785	6.363	96.71
13.6524	2.9971	50.003	49.997	49.994	25.09	0.305	0.019044	15785	5.888	96.217
13.7201	3.01631	50	49.999	50.01	25.01	0.303	0.012445	15785	5.404	96.12
13.6794	3.00024	49.997	50	49.995	24.47	0.315	0.023504	15785	5.333	96.177
13.6796	2.99968	49.998	49.996	50.001	25.37	0.317	0.050308	15785	5.202	96.262
13.6717	2.99737	50	49.993	50.005	26.46	0.303	0.021917	15785	4.879	96.13
13.6538	2.99298	50.001	50.001	49.999	25.61	0.31	0.024349	15785	4.677	96.271
13.666	3.00035	50	50.004	49.998	25.8	0.302	0.02705	15785	4.353	96.298
13.6877	3.00343	50	49.993	49.991	26.14	0.302	0.020034	15785	3.616	96.085
13.6607	2.99645	49.998	49.997	50.002	25.77	0.295	0.022257	15785	3.121	95.987
13.6737	3.00142	49.998	50.005	50.002	26.47	0.296	0.014545	15785	2.818	96.135
13.6742	3.00496	49.998	50.003	49.997	26.44	0.311	0.018313	15785	2.211	96.156
13.6757	3.00046	49.996	50	49.993	25.91	0.303	0.011967	15785	1.625	96.181
13.6649	3.0016	50.001	49.996	49.993	26.46	0.305	0.022601	15785	1.362	96.241
13.6791	2.99925	50.002	49.997	49.992	26.24	0.31	0.005111	15785	0.876	96.274
13.6605	2.99634	49.997	50.001	50.001	25.79	0.297	0.006435	15785	0.715	96.265
13.6706	3.00627	50.002	50.001	49.999	25.96	0.325	0.020659	15785	0.765	96.127
13.6657	2.99931	50.001	50.001	49.998	25.73	0.306	0.007942	15785	1.22	94.348
13.6741	3.00486	50.002	50.008	50.002	25.54	0.316	0.016998	15785	1.332	93.344
13.6486	2.99353	49.998	50.002	50.002	26.53	0.31	0.018884	15785	1.2	92.663
13.6833	2.99897	50.004	49.997	49.991	26.33	0.3	0.007259	15785	0.512	93.794
13.6788	3.00077	49.997	50.001	50	26.44	0.312	0.01371	15785	-0.53	95.349
13.6763	3.00711	49.997	50.003	49.996	26.24	0.3	0.025893	15785	-0.58	95.93
13.6904	3.00975	49.996	49.996	49.998	26.47	0.301	0.01128	15785	-0.682	96.033
13.6691	3.00492	50.003	50.001	49.999	26.48	0.312	0.012532	15785	-0.722	96.097
13.7139	3.00578	50	50	50.003	26.47	0.332	0.023668	15785	-1.208	96.127
13.7161	3.00914	50	50	50.005	26.46	0.328	0.005352	15785	-1.755	96.081
13.6533	2.99375	49.999	49.995	50	26.43	0.325	0.017183	15785	-3.092	95.167
13.6931	3.00228	50.001	50	50.003	26.4	0.309	0.011229	15785	-3.882	94.336
13.6741	2.9994	50.006	50.003	50.001	26.1	0.325	0.03181	15785	-5.291	92.41
13.6545	2.99838	50	49.994	49.99	25.97	0.312	0.013859	15785	-6.213	89.089
13.7092	3.00613	49.993	50.006	50.006	25.82	0.325	0.009057	15785	-7.268	88.569

13.6413	2.99064	50	49.997	50.004	25.62	0.319	0.008878	15785	-8.04	88.021
13.6652	2.99382	49.999	50	50.003	25.59	0.328	0.032303	15785	-8.73	86.402
13.6578	2.99638	50.006	49.995	49.999	25.69	0.33	0.02111	15785	-9.36	85.912
13.6747	2.99793	50.002	50.001	50	25.76	0.351	0.008115	15785	-9.908	84.343
13.6622	2.99976	50.007	49.998	50	25.79	0.32	0.015326	15785	-10.497	84.303
13.6901	3.00711	49.999	49.999	49.998	25.84	0.333	0.055766	15785	-11.737	84.031
13.6704	3.00222	49.999	50.003	49.997	25.66	0.332	0.01261	15785	-13.12	82.022
13.6986	3.00169	49.998	50.002	50.001	25.76	0.346	0.00824	15785	-13.587	82.657
13.6594	2.99471	50.001	50.006	49.998	25.71	0.33	0.017638	15785	-14.462	81.252
13.7012	3.01191	50	49.997	49.994	25.69	0.329	0.011526	15785	-13.608	81.546
13.675	2.99902	50	49.999	50.001	25.56	0.334	0.007532	15785	-13.465	79.32
13.6582	2.99423	50.007	50.001	49.996	25.62	0.324	0.041113	15785	-13.465	80.266
13.6603	2.99824	49.997	50.002	50.003	25.74	0.351	0.017911	15785	-13.689	77.277
13.6571	2.99897	49.997	50.002	50.001	25.77	0.337	0.011705	15785	-14.34	77.212
13.7005	3.01098	49.996	49.999	50	25.78	0.351	0.013003	15785	-14.401	75.332
13.6865	2.99989	50	50.003	49.999	26.11	0.347	0.016372	15785	-14.93	73.901
13.6741	3.00167	49.997	50.004	50.006	25.85	0.348	0.018189	15785	-15.826	76.831
13.6569	2.9944	50	49.999	49.996	25.77	0.371	0.020207	15785	-15.867	76.6
13.6929	3.00557	50.001	50.002	50	25.65	0.376	0.025441	15785	-16.294	78.715
13.6898	3.0021	50.004	49.999	50.003	25.68	0.356	0.016626	15785	-16.63	78.078
13.6747	3.00235	50	50.001	49.998	25.54	0.354	0.01847	15785	-17.068	79.147
13.6668	2.995	49.996	50	49.999	25.5	0.373	0.023255	15785	-17.435	80.271
13.6801	3.00571	50.007	49.997	50.001	25.58	0.358	0.015197	15785	-17.781	82.119
13.6695	2.99815	50.001	50.004	49.996	25.35	0.358	0.009931	15785	-17.7	80.273
13.6498	2.99616	49.997	50.005	49.994	25.64	0.357	0.018756	15785	-18.067	80.205
13.6659	3.00207	50.004	49.997	49.999	25.73	0.362	0.00721	15785	-18.169	80.614
13.6598	2.99748	50	49.993	50.002	25.18	0.359	0.026236	15785	-18.535	82.292
13.6866	3.00366	49.999	49.998	50.004	25.52	0.348	0.017145	15785	-17.649	81.281
13.6665	3.00195	50.003	49.999	50.007	25.7	0.347	0.03238	15785	-17.537	79.855
13.6483	2.99703	50	50.006	49.998	25.18	0.345	0.02116	15785	-17.333	81.149
13.6391	2.99524	50	49.997	49.999	25.72	0.343	0.013828	15785	-16.417	74.703
13.6483	2.99729	49.994	50.003	49.995	25.83	0.358	0.010241	15785	-16.03	79.544
13.6733	2.99638	49.999	50.002	49.998	25.9	0.344	0.019342	15785	-14.595	82.818
13.6768	3.00188	50.003	49.999	50	26.47	0.335	0.021488	15785	-13.404	83.134
13.698	3.00085	50.004	50.004	49.996	26.47	0.331	0.015914	15785	-11.422	83.155
13.6797	2.99742	50.003	50.004	50.004	26.47	0.324	0.011787	15785	-10.619	83.94

13.6938	3.00598	49.998	50.003	50.001	26.47	0.323	0.02226	15785	-9.542	84.648
13.6618	2.99404	49.999	49.999	50.001	26.46	0.329	0.016487	15785	-7.421	82.286
13.6667	3.00635	50.001	50.004	50.003	26.22	0.333	0.010774	15785	-6.7	83.109
13.6722	2.99861	50.002	50.003	49.999	26.47	0.327	0.011969	15785	-5.666	83.859
13.6532	3.00391	50.006	50	49.999	26.47	0.321	0.007822	15785	-5.139	86.625
13.6778	3.0031	49.997	50.006	49.994	25.83	0.328	0.014772	15785	-5.281	88.507
13.6498	3.00044	49.997	50.002	49.996	25.81	0.32	0.031619	15785	-5.098	86.969
13.648	2.99491	49.995	50.001	50.001	25.86	0.317	0.020663	15785	-4.875	86.104
13.6456	3.00159	50.001	50.001	49.995	25.97	0.303	0.013503	15785	-4.388	85.271
13.6877	3.00544	49.999	50.002	50.001	26.22	0.329	0.028902	15785	-4.541	87.57
13.6622	2.99922	49.999	49.999	49.996	25.9	0.317	0.032109	15785	-6.305	85.741
13.6666	2.99754	50	49.997	49.997	25.78	0.324	0.012343	15785	-6.944	83.135
13.6776	3.00042	50	50.002	50.001	25.86	0.325	0.023311	15785	-6.954	80.082
13.6684	3.00458	49.996	49.995	50.004	25.78	0.32	0.008961	15785	-7.248	80.813
13.6849	3.00673	50.006	50.002	49.997	25.76	0.321	0.048909	15785	-7.816	84.349
13.6772	3.00032	49.999	50.003	50.001	25.96	0.329	0.011059	15785	-8.162	87.242
13.6592	2.99726	50.002	50.005	49.997	25.76	0.325	0.035508	15785	-8.578	84.222
13.6614	3.00381	50	49.997	50	25.78	0.325	0.023204	15785	-12.326	79.567
13.6734	2.99839	49.995	49.997	49.998	25.53	0.366	0.029215	15785	-14.188	78.064
13.692	3.00305	49.998	49.999	50.002	25.65	0.352	0.032457	15785	-14.951	77.34
13.6815	3.00212	49.999	49.999	49.999	25.58	0.346	0.02121	15785	-14.808	73.837
13.6809	2.99765	49.997	49.993	49.999	25.54	0.352	0.013861	15785	-14.035	70.579
13.6463	2.99606	50.006	49.996	50.006	25.77	0.335	0.017452	15785	-12.998	72.563
13.6724	3.00199	50.01	50.001	49.998	25.52	0.329	0.032959	15785	-13.262	72.782
13.6702	3.00373	50.002	50.007	50.002	25.78	0.332	0.041498	15785	-12.937	73.365
13.6921	2.99848	50.002	50.006	49.994	25.95	0.343	0.015952	15785	-12.875	71.034
13.6818	3.00472	49.996	49.997	50	25.91	0.328	0.051217	15785	-12.753	71.793
13.6672	2.99771	49.999	50.003	50.003	26.06	0.328	0.022313	15785	-13.506	72.058
13.6653	3.00429	49.997	49.998	50.003	25.96	0.352	0.008577	15785	-14.554	73.755
13.6656	2.99638	50.004	50	49.998	25.74	0.352	0.027539	15785	-15.154	75.612
13.6773	3.00512	49.999	50.004	49.999	25.73	0.362	0.010586	15785	-15.358	73.58
13.6805	3.00019	49.998	49.998	50.005	25.42	0.35	0.011761	15785	-16.121	75.861
13.6812	3.00059	50.002	49.999	50.003	25.76	0.359	0.025173	15785	-16.905	77.367
13.6632	3.00787	50.003	49.998	49.993	25.76	0.355	0.01645	15785	-17.211	78.156
13.6488	3.00103	49.995	50.002	50.006	25.7	0.359	0.012183	15785	-17.282	78.289
13.6814	3.00146	50.011	50.004	50	25.75	0.345	0.013535	15785	-17.455	78.78

13.6876	3.00479	50.003	50.001	49.998	25.26	0.346	0.017042	15785	-17.863	80.047
13.6737	2.99836	49.999	50.006	49.993	25.8	0.352	0.018932	15785	-17.843	80.529
13.6641	3.00375	50.007	50	49.998	25.34	0.354	0.035756	15785	-17.985	80.079
13.6651	3.00037	49.993	49.998	49.998	25.72	0.359	0.023366	15785	-18.189	82.158
13.6518	2.99109	49.999	49.996	50	25.78	0.34	0.02942	15785	-17.15	80.843
13.6969	3.00695	49.999	50	50.003	25.81	0.351	0.019226	15785	-15.765	79.438
13.672	2.9954	49.998	49.995	50	25.73	0.365	0.021358	15785	-15.46	79.409
13.6691	2.99802	50	49.997	49.999	25.6	0.346	0.015819	15785	-14.91	76.49
13.6621	2.99355	49.994	50	50.001	25.65	0.332	0.029875	15785	-13.933	76.778
13.6658	2.99332	49.998	50.004	49.997	25.89	0.362	0.011484	15785	-12.814	76.561
13.6914	3.00423	50.001	50.002	49.999	25.81	0.337	0.012758	15785	-11.381	79.878
13.6711	2.99552	49.998	50.001	49.999	25.94	0.325	0.016064	15785	-9.339	76.18
13.6781	3.00419	49.996	50.004	50.001	26.22	0.329	0.030338	15785	-7.756	75.63
13.6648	2.99362	50	50.003	50	25.83	0.321	0.011662	15785	-6.234	76.966
13.6505	2.99081	49.999	50.003	50.003	25.99	0.34	0.008637	15785	-4.693	75.781
13.6647	3.00021	49.997	50.002	49.999	26.45	0.322	0.016312	15785	-4.48	75.161
13.6699	3.0038	50.002	50.004	50.002	26.51	0.317	0.018122	15785	-5.828	79.034
13.6596	2.99678	50	49.999	50.001	26.51	0.309	0.034226	15785	-8.141	84.352
13.6782	3.00037	49.996	50	49.999	26.33	0.314	0.008771	15785	-6.853	83.373
13.6729	2.99844	50.003	49.995	50.003	26.27	0.32	0.028161	15785	-6.842	83.009
13.6661	2.99872	49.999	50	50.002	26.31	0.319	0.010825	15785	-6.335	82.916
13.6898	3.00821	49.997	50.002	49.998	26.35	0.317	0.020445	15785	-6.65	85.233
13.6571	2.99796	49.999	49.998	49.992	26.39	0.337	0.022713	15785	-6.741	85.294
13.7171	3.0076	49.996	49.999	50	26.34	0.325	0.008731	15785	-6.761	87.035
13.6586	3.00193	50.006	49.999	49.995	26.48	0.319	0.016489	15785	-5.646	84.871
13.673	3.00035	50.002	49.997	49.996	26.46	0.32	0.031142	15785	-4.297	85.425
13.6697	3.00618	50	49.995	49.995	26.49	0.316	0.023064	15785	-3.689	85.385
13.6684	3.00742	49.997	50.005	49.997	26.47	0.318	0.015073	15785	-2.808	85.624
13.6316	2.99206	50.004	50.003	50.006	26.45	0.313	0.005794	15785	-2.453	83.994
13.6691	2.99947	50	50.003	50.002	26.47	0.317	0.018602	15785	-1.795	83.335
13.6739	3.00368	49.998	50.001	50	26.47	0.327	0.007151	15785	-1.734	83.194
13.7077	3.00851	50.001	49.996	50.001	26.46	0.316	0.022959	15785	-1.461	84.456
13.6701	2.9962	50	49.99	50.001	26.47	0.307	0.017004	15785	0.613	79.856
13.6765	3.00578	49.995	50	50.001	25.09	0.294	0.018891	15785	1.908	76.825
13.6909	3.00585	50.002	50.001	50	24.46	0.31	0.035677	15785	3.04	75.422
13.7034	3.00249	49.999	49.997	49.997	25.08	0.296	0.015543	15785	4.444	72.793

13.6557	2.99463	50.002	50.002	50.001	24.59	0.314	0.017267	15785	5.282	74.209
13.6545	2.99845	50.007	50.002	50.001	24.33	0.282	0.007523	15785	6.1	75.642
13.6617	3.00195	49.999	50	49.997	24.19	0.292	0.008357	15785	7.109	76.629
13.6812	3.00339	50	50.002	49.999	24.22	0.286	0.026832	15785	6.736	78.458
13.6878	3.00145	49.998	50	50.004	26.06	0.298	0.019873	15785	5.323	84.822
13.6576	3.00255	50.003	49.995	49.999	26.53	0.294	0.012987	15785	5.343	85.17
13.6605	2.9965	49.999	50.005	50.005	26.15	0.3	0.016351	15785	5.414	83.296
13.6786	2.99693	49.996	49.998	49.999	26.47	0.305	0.010685	15785	5.242	81.878
13.6674	2.99786	50	49.994	49.994	25.8	0.306	0.006983	15785	4.333	84.333
13.6533	2.9975	49.999	50.001	50.001	26.47	0.303	0.025409	15785	5.545	84.21
13.6668	2.99541	50.002	50.005	50.001	26.5	0.305	0.009767	15785	5.242	86.165
13.6614	2.99539	50.003	50.001	50	26.56	0.308	0.012298	15785	5.202	87.779
13.6833	3.00431	50.006	50.004	49.998	26.5	0.303	0.023226	15785	5.06	88.212
13.6591	2.99356	50.002	50.004	49.998	26.47	0.321	0.017201	15785	5.202	88.091
13.6748	3.00295	50.001	49.998	50.002	26.47	0.305	0.011241	15785	4.656	88.787
13.6521	3.00249	49.999	50.003	50.005	26.47	0.31	0.014153	15785	4.434	89.165
13.6658	2.99786	50.002	50	50.002	26.47	0.303	0.015724	15785	4.404	89.114
13.664	2.99645	49.995	49.997	50.001	26.38	0.291	0.003555	15785	3.727	90.099
13.6734	2.99978	49.997	49.996	49.996	25.78	0.303	0.021993	15785	3.707	90.497
13.6633	2.99699	50.002	49.999	50	26.47	0.301	0.024433	15785	3.262	91.332
13.6587	2.99786	49.998	50.001	50.004	25.74	0.308	0.046145	15785	3.303	91.755
13.6831	2.99937	49.997	49.997	50.002	26.14	0.305	0.034176	15785	2.191	85.795
13.693	3.00668	50	50.003	50.001	26.54	0.303	0.022334	15785	0.755	85.969
13.6806	3.00586	49.997	50.001	49.995	26.32	0.303	0.014595	15785	-1.107	89.753
13.6737	3.00211	50.006	50	50.002	26.47	0.303	0.016214	15785	-2.018	92.42
13.6661	3.0008	50.002	50	49.999	26.47	0.298	0.018013	15785	-1.451	91.979
13.6887	3.0091	50.002	49.997	49.999	26.44	0.306	0.020012	15785	-1.228	91.275
13.6662	3.00177	49.997	50.007	50.004	26.45	0.311	0.022232	15785	-1.431	91.099
13.6493	2.99498	50.002	49.998	50.001	26.45	0.313	0.024698	15785	-1.37	90.912
13.6749	3.00241	50.005	49.997	49.995	26.44	0.313	0.02421	15785	-1.269	89.999
13.6853	3.0019	49.996	50.003	50	26.43	0.329	0.015821	15785	-1.37	89.311
13.6929	3.00633	50.004	49.994	49.998	26.44	0.318	0.010339	15785	-1.542	87.591
13.6605	2.99715	49.999	49.997	50.003	26.46	0.315	0.019526	15785	-1.41	88.045
13.6954	3.00626	50.005	50	50.005	26.44	0.307	0.021693	15785	-1.491	84.97
13.6731	2.99777	50.002	50.002	50.005	26.47	0.316	0.024099	15785	-1.552	84.213
13.6653	2.9929	49.997	50.001	50.004	26.45	0.32	0.026773	15785	-1.633	84.94

13.6942	3.00194	49.996	50.002	49.998	26.45	0.316	0.010292	15785	-1.775	86.249
13.677	3.00576	49.998	50.004	49.998	26.46	0.321	0.033043	15785	-1.775	85.623
13.6757	3.00361	50.003	50.002	50.001	26.46	0.322	0.011208	15785	-1.856	85.625
13.6871	3.0003	50.001	49.998	49.996	26.47	0.32	0.007324	15785	-2.372	84.518
13.6771	3.0007	50.004	49.998	50.003	26.45	0.303	0.023515	15785	-2.565	85.38
13.6445	2.99739	50.001	50	49.996	26.47	0.321	0.015367	15785	-3.01	87.212
13.6611	3.00065	50	50.004	49.995	26.47	0.318	0.017072	15785	-3.233	83.935
13.6671	2.99864	50	50	50	26.46	0.309	0.032242	15785	-3.77	84.435
13.6648	2.998	50.003	50.005	50.002	26.44	0.321	0.012394	15785	-4.987	85.653
13.6717	3.00116	50.003	49.995	50	26.44	0.322	0.020654	15785	-5.382	83.756
13.6559	2.99567	50.003	49.99	49.996	26.39	0.323	0.022945	15785	-6.396	87.725
13.6749	2.99998	49.999	49.999	50.002	26.46	0.316	0.025491	15785	-3.983	78.744
13.6554	2.99855	49.997	50.003	50	26.21	0.315	0.028319	15785	-3.801	76.666
13.6799	3.00553	50.004	50.002	49.999	26.47	0.31	0.010886	15785	-2.909	69.323
13.6752	2.99856	49.996	50.003	50.007	26.87	0.298	0.012094	15785	-3.314	70.055
13.6684	2.9987	50.001	49.997	50	26.51	0.331	0.007903	15785	-4.155	67.197
13.6631	2.99821	50.004	50.003	50	26.47	0.331	0.014926	15785	-5.625	72.363
13.687	3.00338	49.998	50.003	50.003	25.95	0.312	0.016582	15785	-6.731	70.57
13.6482	2.992	50.002	50.001	49.995	25.82	0.33	0.053238	15785	-7.37	71.979
13.6841	3.00151	50.003	49.997	50.005	25.88	0.348	0.007081	15785	-7.959	74.012
13.6627	3.00194	49.998	49.999	50.005	25.84	0.343	0.013374	15785	-8.791	72.885
13.6707	3.00123	50.002	50.003	49.998	25.68	0.337	0.014858	15785	-10.253	72.767
13.6652	2.99835	50.002	49.995	50.001	25.74	0.34	0.018707	15785	-11.838	74.714
13.6648	3.00154	50	49.999	50.002	25.71	0.354	0.03533	15785	-13.77	73.739
13.6737	2.99742	49.999	49.997	49.998	25.79	0.347	0.039249	15785	-14.584	71.667
13.6622	2.99777	49.995	49.999	50.001	25.1	0.347	0.015088	15785	-14.615	74.061
13.6335	2.99258	49.995	49.993	49.998	25.61	0.335	0.016762	15785	-14.991	71.721
13.6668	2.99905	49.996	49.997	50.001	25.72	0.349	0.031656	15785	-15.164	70.558
13.6847	3.00374	50.002	50.003	50.002	25.64	0.374	0.020687	15785	-15.256	76.212
13.6784	2.99858	50.002	50.002	49.997	25.51	0.355	0.044279	15785	-16.152	76.757
13.6723	2.99743	50	49.998	49.997	25.35	0.36	0.017021	15785	-17.476	74.11
13.6669	2.99696	50.004	50.006	50.004	25.15	0.363	0.01891	15785	-17.873	69.672
13.6885	3.003	50.003	50	49.998	25.37	0.354	0.008238	15785	-17.863	69.885
13.6771	3.00447	49.997	49.997	49.996	25.77	0.345	0.02645	15785	-17.578	67.915
13.6738	3.00633	50.003	50.001	49.997	25.3	0.342	0.01959	15785	-16.804	63.989
13.72	3.01846	50.003	50.002	50.003	25.28	0.344	0.021763	15785	-15.826	63.545

13.6392	2.99447	50	50.002	50.005	25.78	0.362	0.024177	15785	-15.358	60.523
13.6771	3.00215	50.002	49.998	49.995	25.75	0.348	0.010533	15785	-14.829	56.302
13.7059	3.01084	50.012	49.999	49.996	25.93	0.351	0.006883	15785	-14.788	60.208
13.6408	2.99144	50.005	49.999	49.999	25.96	0.345	0.0221	15785	-15.378	60.468
13.6613	3.00115	50.001	50.003	49.998	25.84	0.362	0.027825	15785	-16.539	63.888
13.6952	3.00207	50.003	49.999	49.993	25.48	0.363	0.018184	15785	-17.007	65.922
13.686	3.0026	50.005	50.001	49.995	25.38	0.361	0.011883	15785	-17.435	66.907
13.6572	3.00268	50.001	50.005	50.007	25.17	0.366	0.008801	15785	-17.761	68.065
13.661	2.9945	50.006	49.997	50.001	25.51	0.362	0.009777	15785	-18.27	70.846
13.6965	3.00722	49.999	49.994	49.997	25.45	0.367	0.010862	15785	-18.556	68.781
13.6872	3.00422	49.997	50.007	49.998	25.44	0.369	0.020514	15785	-18.963	68.839
13.6801	3.00563	50.002	50	49.999	25.3	0.365	0.015193	15785	-19.33	70.116
13.6536	2.99981	49.999	49.998	50.001	25.21	0.378	0.028694	15785	-19.565	72.71
13.6608	2.99522	50.001	50.003	50.002	25.48	0.372	0.018751	15785	-19.779	72.191
13.6507	2.99723	49.993	49.996	49.996	25.27	0.367	0.013888	15785	-19.912	73.905
13.6668	2.99966	50.002	49.998	50.002	25.14	0.366	0.015428	15785	-20.207	72.75
13.675	2.99583	50.003	50.004	50.008	25.09	0.371	0.01714	15785	-20.289	74.085
13.6451	2.99447	50.001	49.999	50.002	25.14	0.365	0.019042	15785	-20.462	75.403
13.6811	3.00442	49.997	50.003	49.996	25.31	0.372	0.023975	15785	-20.605	76.038
13.6878	3.00334	50.005	49.999	50.004	25.44	0.38	0.026635	15785	-19.82	73.415
13.6816	3.00039	49.997	49.996	50	25.3	0.376	0.019726	15785	-18.698	70.317
13.6755	3.00057	49.996	49.999	50	25.33	0.352	0.063334	15785	-16.956	67.747
13.6522	2.99833	50.002	50	50.001	25.68	0.355	0.014321	15785	-15.948	65.042
13.6646	3.00432	50.002	49.997	50.002	25.67	0.339	0.030653	15785	-15.287	62.965
13.7044	3.0109	50.001	49.997	50	25.7	0.332	0.020032	15785	-14.218	61.342
13.6632	3.0044	50.003	50	49.998	25.99	0.334	0.0077	15785	-13.547	57.683
13.6656	3.00309	49.998	50.005	49.999	26.23	0.336	0.016482	15785	-13.577	58.605
13.6395	2.99197	50.002	49.999	49.994	25.59	0.337	0.010771	15785	-13.506	58.036
13.6733	2.9961	49.999	49.997	50.001	26.19	0.346	0.020342	15785	-14.768	63.941
13.6688	2.99943	50.015	50.003	49.999	25.83	0.346	0.022599	15785	-15.164	67.06
13.6739	3.00425	50	50.001	49.998	25.78	0.348	0.028454	15785	-15.561	67.71
13.6463	2.99199	49.998	49.996	50.004	25.67	0.381	0.018594	15785	-16.254	71.316
13.6448	2.99595	49.999	49.998	50	25.68	0.359	0.007148	15785	-16.559	72.13
13.6712	3.00249	50.001	49.997	50.002	25.75	0.355	0.013499	15785	-16.722	75.605
13.6589	3.0017	49.998	49.997	50.005	25.52	0.363	0.028894	15785	-16.865	75.582
13.6795	3.00412	49.991	49.997	50.001	25.48	0.362	0.0321	15785	-17.231	75.676

13.7016	3.00495	50.001	49.996	49.994	25.45	0.365	0.020977	15785	-17.639	75.803
13.6796	3.00451	50.001	50.002	50	25.45	0.384	0.009139	15785	-18.118	74.325
13.6729	3.00311	49.999	50.002	49.999	25.68	0.354	0.029342	15785	-18.372	76.008
13.6793	3.00357	50	50	50.002	25.5	0.35	0.006635	15785	-18.556	77.647
13.6612	2.99918	50.003	50	50.001	25.79	0.36	0.021302	15785	-18.698	77.635
13.6895	3.00255	49.999	49.995	50.002	25.77	0.361	0.00928	15785	-18.719	77.46
13.6834	3.00269	50.003	50.007	50.002	25.88	0.341	0.017527	15785	-19.106	79.495
13.6611	2.99623	50.001	49.999	50.003	25.78	0.347	0.011454	15785	-17.211	71.554
13.6704	3	50.002	49.999	49.995	26.47	0.343	0.041677	15785	-15.724	65.776
13.6653	3.00213	50.009	50.005	50	26.48	0.348	0.016021	15785	-13.323	59.151
13.6847	2.99957	50	50.005	50.004	26.57	0.329	0.051438	15785	-12.306	53.428
13.6862	3.0021	49.998	50.007	49.997	26.82	0.327	0.02241	15785	-10.792	52.822
13.6763	2.99761	50.002	49.999	50.003	27.05	0.339	0.014645	15785	-9.705	49.178
13.6656	2.99978	50.002	50	50.001	27.09	0.325	0.016269	15785	-9.38	51.708
13.6509	3.00031	49.999	49.995	49.997	27.16	0.328	0.018074	15785	-9.238	55.088
13.7048	3.00479	50.002	50.001	49.996	26.97	0.337	0.038686	15785	-9.38	56.304
13.6652	3.00052	49.999	49.999	50	26.48	0.332	0.014871	15785	-10.477	63.736
13.6754	2.99799	49.998	49.996	49.997	26.47	0.343	0.016521	15785	-10.761	67.075
13.6532	2.9963	50.008	50.006	49.998	26.46	0.321	0.006351	15785	-10.893	69.562
13.664	2.99948	50	50	49.998	26.46	0.335	0.034664	15785	-10.314	72.089
13.6633	3.00152	50.005	49.997	49.997	26.4	0.326	0.008883	15785	-9.928	69.658
13.6496	2.98955	49.996	50.004	50.003	26.47	0.332	0.028521	15785	-9.725	70.963
13.6873	3.00459	50	50.001	50.003	26.47	0.348	0.018638	15785	-10.131	86.323
13.6784	3.00021	50.001	49.998	49.993	26.47	0.321	0.007165	15785	-10.203	89.199
13.6488	2.98926	49.994	50.001	49.994	26.49	0.351	0.013531	15785	-10.294	89.484
13.6603	3.00019	50.003	50	49.998	26.47	0.338	0.025556	15785	-10.335	89.704
13.6817	3.0037	50.003	50.004	50	26.47	0.333	0.028391	15785	-10.964	89.531
13.6721	3.0034	50.004	49.995	50.001	26.47	0.333	0.007276	15785	-11.899	89.16
13.6377	2.99353	50.001	50.001	49.997	26.46	0.35	0.039712	15785	-13.181	88.695
13.6304	2.99619	49.997	49.997	50.003	26.52	0.316	0.015265	15785	-13.14	88.343
13.6475	2.99118	50.003	50.001	49.994	26.47	0.336	0.01922	15785	-11.838	89.177
13.7055	3.00447	50.006	50.001	49.998	26.55	0.331	0.036299	15785	-11.208	89.694
13.6934	3.00127	49.999	50.006	49.997	26.51	0.33	0.040327	15785	-8.771	90.403
13.6591	3.00206	49.999	49.995	49.996	26.49	0.315	0.010335	15785	-6.995	90.872
13.6526	2.99703	50.006	49.998	49.999	24.56	0.309	0.011481	15785	-5.889	85.129
13.6752	2.99779	49.995	50.007	50	24.58	0.329	0.024574	15785	-6.092	74.506

13.6751	3.003	50.002	50.005	50.009	26.73	0.317	0.027301	15785	-7.025	77.735
13.6716	3.00518	49.999	49.999	50.004	26.92	0.314	0.05156	15785	-7.208	77.877
13.6647	2.99745	49.996	50.002	50	26.41	0.317	0.013213	15785	-6.66	75.095
13.6791	3.00305	49.999	50.002	49.998	27.02	0.309	0.014679	15785	-8.121	79.586
13.6306	2.99266	50.003	50	50.002	26.93	0.329	0.03142	15785	-8.943	81.85
13.6554	2.99792	49.997	50	50	26.59	0.331	0.012078	15785	-9.745	85.608
13.6453	2.99583	49.998	50.005	49.999	26.47	0.335	0.022811	15785	-11.168	88.001
13.6862	3.00463	49.998	50.002	50.006	26.51	0.335	0.008769	15785	-11.656	89.685
13.6758	3.00107	49.999	49.995	49.997	26.48	0.335	0.031907	15785	-11.859	89.471
13.6415	2.99336	49.999	50.001	49.998	26.47	0.331	0.035447	15785	-12.977	89.812
13.7095	3.01082	50.004	49.998	49.998	26.51	0.337	0.023164	15785	-12.916	89.979
13.6726	2.99801	50	49.997	49.997	26.42	0.337	0.017156	15785	-13.303	89.609
13.6607	2.99661	49.995	50	50.002	26.46	0.34	0.019059	15785	-13.618	88.69
13.6735	2.99806	50.007	50	50.001	26.47	0.32	0.008303	15785	-13.781	87.572
13.6694	2.99631	49.997	50.003	49.998	26.45	0.34	0.026659	15785	-13.282	89.124
13.6436	2.98815	50	50.004	49.997	26.47	0.331	0.017422	15785	-12.865	88.241
13.6606	2.99509	49.995	50	50.003	26.47	0.332	0.032903	15785	-12.103	89.214
13.6784	3.00439	49.997	49.994	49.997	26.48	0.32	0.00496	15785	-11.96	88.45
13.6624	2.99519	50	49.998	50.004	26.5	0.34	0.015925	15785	-12.184	88.66
13.6638	3.00036	50.005	49.998	49.998	26.51	0.333	0.017692	15785	-11.168	87.608
13.7034	3.00942	49.998	50.002	49.998	26.8	0.343	0.019654	15785	-9.207	84.881
13.6355	2.99315	50.001	49.999	49.999	26.63	0.325	0.021835	15785	-7.522	83.746
13.6394	2.99313	50	49.995	49.997	26.5	0.335	0.016171	15785	-5.321	74.623
13.6713	3.00407	50.002	49.998	49.998	25.85	0.307	0.010568	15785	-4.764	75.171
13.641	2.99052	50.001	50.004	50.003	25.87	0.324	0.019959	15785	-4.794	75.877
13.6819	3.00344	50.001	50.001	50	27.15	0.334	0.007672	15785	-4.024	75.187
13.6856	3.00581	50	49.995	49.996	25.83	0.314	0.027917	15785	-3.254	70.87
13.6604	2.99936	49.999	50	50.007	27.14	0.295	0.010732	15785	-3.01	68.771
13.6766	3.00593	50	50.002	50	27.15	0.336	0.020268	15785	-5.159	77.878
13.658	2.997	49.998	49.997	49.996	27.06	0.312	0.022516	15785	-5.524	79.74
13.6442	2.99078	50	49.999	50.002	26.64	0.336	0.02835	15785	-6.284	83.599
13.6587	2.99798	50	50.004	49.995	26.62	0.325	0.018526	15785	-7.268	84.274
13.6731	3.00005	49.999	49.994	49.995	26.53	0.34	0.013721	15785	-7.492	84.049
13.6757	3.00477	50	50.001	49.996	26.49	0.347	0.015243	15785	-7.35	84.846
13.695	3.00319	50.001	50.001	50.004	26.52	0.33	0.009961	15785	-7.695	84.911
13.7164	3.01211	50	49.985	49.998	26.59	0.333	0.031983	15785	-7.816	86.633

13.6886	3.00679	50.003	49.999	49.995	26.61	0.321	0.012294	15785	-7.329	85.811
13.6357	2.99098	50	49.996	50.001	26.48	0.331	0.008034	15785	-8.141	86.267
13.6723	2.99755	50.001	50.005	50.003	26.47	0.333	0.017197	15785	-8.517	86.702
13.6703	3.00034	49.996	49.996	50	26.47	0.326	0.019105	15785	-9.116	88.075
13.6588	2.99879	49.999	49.999	49.995	26.45	0.337	0.012485	15785	-8.243	87.585
13.6522	2.99728	49.998	49.999	50.002	26.47	0.329	0.040084	15785	-6.995	86.993
13.6489	3.00056	49.998	49.999	50.001	26.46	0.33	0.009064	15785	-6.284	87.262
13.6802	3.00067	49.994	50.003	49.998	26.46	0.33	0.029101	15785	-5.889	87.426
13.6797	3.0022	50.004	49.998	50	26.47	0.317	0.032329	15785	-5.483	86.243
13.6715	3.00066	50.001	49.998	49.997	26.52	0.335	0.023944	15785	-4.753	83.083
13.6518	3.00216	49.999	49.997	49.999	26.52	0.328	0.0266	15785	-4.49	82.531
13.628	2.99304	49.997	49.995	50.003	26.63	0.332	0.029551	15785	-3.801	82.162
13.6636	2.99898	49.996	49.996	49.999	26.71	0.325	0.01136	15785	-3.547	82.492
13.6461	2.99275	50.002	50.006	50.001	26.64	0.331	0.021454	15785	-3.77	84.239
13.6781	3.00393	50.003	50.008	49.999	26.51	0.314	0.007277	15785	-3.092	83.263
13.6788	3.00417	50.005	49.999	49.999	26.48	0.308	0.039718	15785	-3.618	82.763
13.6752	3.00052	49.997	50.005	49.998	26.51	0.324	0.008981	15785	-3.902	84.942
13.6512	2.99668	50	49.999	50.009	26.47	0.345	0.028835	15785	-4.328	84.836
13.6514	2.9992	49.998	49.997	49.996	26.47	0.315	0.036305	15785	-4.449	84.763
13.6588	2.99653	49.998	49.99	50.003	26.45	0.327	0.013956	15785	-4.47	84.245
13.6684	3.00127	49.998	50	49.999	26.47	0.314	0.026358	15785	-4.743	85.161
13.6481	2.99324	49.999	50.005	50	26.47	0.312	0.017225	15785	-5.047	85.255
13.6569	2.9969	49.997	49.996	49.997	26.47	0.347	0.019135	15785	-6.396	87.377
13.7024	3.00917	49.997	50.003	50	26.47	0.352	0.012505	15785	-7.208	88.442
13.6534	2.99487	50.004	50.001	49.999	26.44	0.333	0.040149	15785	-7.796	88.985
13.6895	3.00825	50.002	49.998	49.998	26.47	0.333	0.010289	15785	-7.735	90.026
13.6967	3.00633	49.995	50.003	50.005	26.47	0.331	0.01143	15785	-6.68	88.964
13.7033	3.00995	50.001	49.996	49.997	26.49	0.33	0.021588	15785	-5.919	90.009
13.6336	2.99285	50.001	50.001	50.001	26.56	0.313	0.023983	15785	-5.017	87.777
13.6823	3.00315	50	49.999	49.997	26.66	0.326	0.015673	15785	-5.139	88.399
13.6673	2.99862	50.002	50.003	49.998	26.77	0.307	0.029599	15785	-5.078	88.213
13.6846	3.0048	50.002	49.996	50.002	26.93	0.324	0.012895	15785	-4.916	88.787
13.6419	2.99568	49.998	50	50.001	26.85	0.304	0.014326	15785	-4.328	86.958
13.6894	3.00077	50.002	50.001	50	26.49	0.33	0.009362	15785	-3.152	83.361
13.6449	2.99975	49.996	49.997	50.003	27.12	0.295	0.010401	15785	0.887	67.834
13.6644	3.00185	50.002	50.001	49.997	27.84	0.305	0.013095	15785	0.512	72.505

13.6368	2.99285	49.998	49.997	50.006	27.16	0.324	0.014548	15785	0.866	55.685
13.6701	2.99964	49.996	50.001	50.002	27.17	0.309	0.005592	15785	0.725	57.993
13.6426	2.99904	49.996	49.994	49.998	25.28	0.294	0.030523	15785	0.613	59.264
13.6664	3.00138	49.998	50.002	50	27.15	0.31	0.011733	15785	0.209	58.949
13.668	2.99599	50.003	49.998	50.001	26.47	0.319	0.02216	15785	-2.139	71.519
13.6698	3.00198	50.003	49.996	49.998	26.85	0.322	0.014481	15785	-2.22	70.951
13.6802	2.99972	50.005	50.001	49.999	26.48	0.335	0.016088	15785	-3.233	77.516
13.6556	2.99786	49.996	50.002	49.999	26.47	0.326	0.030383	15785	-3.355	77.089
13.6697	3.00011	50.002	49.997	50.002	26.51	0.344	0.019855	15785	-4.307	81.06
13.6746	3.00044	49.996	49.998	50.003	26.47	0.334	0.012975	15785	-5.108	81.697
13.6691	2.99858	50.005	49.999	50.004	26.45	0.332	0.014415	15785	-5.646	81.303
13.687	3.00455	49.998	50.005	50	26.45	0.346	0.027224	15785	-6.112	82.91
13.6979	3.00569	50.006	50	49.996	26.43	0.331	0.030244	15785	-5.828	80.345
13.655	2.99621	50.004	50.005	49.997	26.34	0.319	0.019765	15785	-6.173	80.577
13.6769	3.00349	50.001	50.003	50.002	25.88	0.333	0.014638	15785	-6.132	79.847
13.6658	2.99611	50.001	49.999	49.998	25.9	0.345	0.009566	15785	-6.183	79.519
13.6805	3.00427	50.001	49.999	49.999	25.89	0.345	0.018066	15785	-6.345	80.849
13.6433	2.99515	50	50.005	49.997	25.9	0.33	0.011806	15785	-5.605	78.4
13.6547	2.99336	49.999	49.996	49.998	25.83	0.316	0.013116	15785	-5.686	80.153
13.6459	2.99449	50.001	50.006	50.003	26.23	0.315	0.042111	15785	-5.564	80.765
13.6427	2.99827	49.999	50.002	49.996	26.47	0.329	0.016188	15785	-4.845	78.252
13.6613	2.99602	49.995	49.999	49.998	26.48	0.313	0.020382	15785	-2.524	71.491
13.6613	2.99366	49.996	50.003	50	25.31	0.308	0.007835	15785	-1.603	71.275
13.6684	2.99786	49.998	50.003	50.001	26.15	0.312	0.025155	15785	-0.348	70.97
13.6754	2.99656	50.002	50.001	50.001	25.79	0.299	0.00967	15785	0.067	71.002
13.657	2.99887	50.001	50	50.004	26.19	0.305	0.010743	15785	1.079	69.587
13.6768	3.00216	49.999	50.005	50.004	25.97	0.307	0.013526	15785	0.998	72.905
13.6496	3.00041	50.004	49.999	49.996	26.08	0.313	0.015026	15785	1.099	74.272
13.6716	3.00259	49.996	49.996	50.001	26.67	0.312	0.016693	15785	0.077	80.851
13.672	2.99839	50.004	50	50	26.93	0.317	0.012363	15785	-0.135	82.655
13.6582	2.99866	49.999	50	50.001	26.6	0.298	0.008079	15785	-0.58	83.471
13.6882	3.00304	49.996	50	50.005	26.74	0.327	0.02594	15785	-1.259	86.228
13.6996	3.00704	50.008	50.004	50.002	26.72	0.317	0.016952	15785	-1.674	87.616
13.6432	2.99759	50.007	50	50.008	26.47	0.321	0.036284	15785	-1.805	88.321
13.6709	2.99613	50	50.003	50.004	26.65	0.321	0.013948	15785	-1.37	85.702
13.6678	3.00479	50.002	50.005	49.999	26.59	0.299	0.015495	15785	-1.421	83.023

13.6785	3.00651	50	49.996	50.002	26.56	0.318	0.017214	15785	-1.775	82.288
13.6724	3.00455	49.997	50	49.998	26.56	0.322	0.012749	15785	-1.886	82.666
13.6466	2.9989	50	50.002	50.002	26.61	0.32	0.008332	15785	-2.129	83.94
13.6669	3.00649	50	50.004	50.002	26.54	0.318	0.01049	15785	-2.058	83.98
13.6588	2.99356	50.002	50.004	49.999	26.57	0.306	0.011654	15785	-2.585	84.836
13.6738	2.99764	50.001	49.997	49.999	26.55	0.317	0.00448	15785	-2.484	82.57
13.6582	3.00284	49.998	50	49.996	26.47	0.306	0.014383	15785	-2.504	81.861
13.6382	2.9944	50.005	50.006	50.007	26.48	0.317	0.018109	15785	-2.15	81.227
13.6768	2.99715	49.998	50.003	50.005	26.49	0.32	0.006961	15785	-0.459	78.321
13.6641	3.00176	50.001	49.999	49.994	26.52	0.315	0.02235	15785	1.281	75.323
13.6742	3.00261	50.002	49.998	49.997	26.53	0.307	0.02483	15785	1.706	76.054
13.6624	3.00004	49.998	49.998	49.998	25.22	0.306	0.016226	15785	2.767	76.203
13.6662	3.00237	50.001	50.004	50.001	26.86	0.306	0.012018	15785	2.262	80.138
13.6697	2.99992	49.998	50.001	50.001	26.76	0.295	0.013351	15785	2.151	82.302
13.6551	2.99646	50.001	49.995	50	26.5	0.307	0.009888	15785	2.211	82.524
13.6865	2.99845	49.998	50.001	50.005	26.87	0.309	0.010985	15785	2.11	88.525
13.676	3.00191	50.002	49.997	50.004	26.49	0.315	0.020746	15785	1.493	93.431
13.6516	2.98997	50.001	50.004	49.998	26.47	0.318	0.044406	15785	1.867	93.068
13.6819	3.00473	50.002	49.995	50	26.48	0.309	0.01707	15785	2.626	93.012
13.6835	3.00261	49.999	49.999	50.002	26.48	0.317	0.018964	15785	4.05	91.137
13.6848	3.00363	49.998	49.994	50.004	26.47	0.312	0.023877	15785	3.828	93.83
13.6624	3.0017	50.004	50.002	50.003	26.47	0.31	0.015603	15785	2.878	93
13.6409	2.99531	49.998	49.999	50.003	26.47	0.315	0.017334	15785	1.038	93.223
13.6653	2.99226	49.998	50	49.997	26.48	0.315	0.011328	15785	0.199	92.286
13.6688	2.99908	50	49.998	49.994	26.44	0.318	0.041219	15785	-0.398	90.849
13.6752	2.99576	50.002	50.005	49.999	26.34	0.316	0.026937	15785	-0.985	87.242
13.6259	2.99314	49.999	50	50	26.25	0.312	0.026404	15785	-1.35	85.621
13.6655	2.99975	49.997	49.997	50	26.1	0.328	0.005971	15785	-1.532	85.445
13.6645	2.99784	49.999	49.994	49.997	26.29	0.32	0.019169	15785	-1.765	85.558
13.6659	2.99967	50.002	50.004	49.997	26.17	0.339	0.021296	15785	-2.119	85.99
13.6666	2.99587	49.999	50.011	49.996	26.03	0.344	0.013917	15785	-2.504	87.131
13.6501	2.99451	50.001	50.007	50.004	25.94	0.327	0.026284	15785	-3.274	87.481
13.6529	2.99347	49.999	50.001	49.995	26.28	0.328	0.0292	15785	-3.395	85.56
13.6649	2.99914	50.001	49.999	49.998	25.89	0.323	0.011225	15785	-3.071	83.974
13.663	3.00005	49.998	49.992	50	26.01	0.325	0.021199	15785	-2.828	82.842
13.6818	3.00275	49.998	50.008	50.002	26.14	0.316	0.013853	15785	-2.514	80.115

13.682	2.99932	50	49.997	50.002	25.1	0.335	0.012608	15785	-3.01	77.24
13.6746	3.00735	49.997	50.001	50.008	26.37	0.321	0.023811	15785	-2.95	79.002
13.6886	3.00478	50.003	50.002	50.001	26.46	0.333	0.015561	15785	-3.406	78.783
13.6624	2.99946	49.994	49.999	50.001	26.45	0.331	0.017287	15785	-3.223	75.263
13.6837	3.0039	50.003	49.994	50.002	26.47	0.341	0.019205	15785	-3.476	74.969
13.6696	2.99966	50	50.001	49.998	26.47	0.337	0.03627	15785	-3.639	76.366
13.6799	3.00048	49.997	50.007	49.998	26.54	0.339	0.023702	15785	-3.233	75.62
13.6737	2.99799	49.999	50	49.998	26.56	0.33	0.026332	15785	-3.294	80.301
13.6569	2.99852	49.999	50.001	49.997	26.63	0.325	0.029253	15785	-3.193	79.615
13.6782	3.00161	50.004	49.998	49.998	27.04	0.337	0.032499	15785	-3.355	76.522
13.662	2.99624	50.003	49.998	49.998	26.64	0.325	0.021238	15785	-3.456	75.906
13.669	3.00325	50	50	49.996	26.64	0.345	0.008164	15785	-3.517	74.695
13.7044	3.00347	49.996	50.003	49.996	26.83	0.334	0.015419	15785	-4.054	75.131
13.672	2.99877	49.997	50.003	50.004	26.52	0.347	0.02912	15785	-4.105	70.92
13.6683	3.0009	50	50	49.997	26.63	0.327	0.011194	15785	-4.166	76.487
13.7166	3.0118	50.002	49.997	50.001	26.77	0.316	0.023959	15785	-4.247	80.845
13.6574	2.99747	50.001	50.002	49.999	26.92	0.343	0.026618	15785	-4.287	80.434
13.6972	3.00684	49.996	50.001	49.998	26.87	0.345	0.029571	15785	-4.155	77.475
13.655	2.99393	49.998	50.004	49.995	26.6	0.326	0.019324	15785	-4.115	75.669
13.6814	2.99833	49.996	49.998	50.008	26.84	0.321	0.024331	15785	-4.034	69.106
13.6884	3.00304	49.998	50.004	49.994	26.79	0.34	0.0159	15785	-2.95	65.839
13.6488	2.99467	49.999	50.001	50.008	26.61	0.303	0.017664	15785	-2.2	60.678
13.6641	2.99465	49.998	49.997	50.004	26.38	0.32	0.03336	15785	-1.714	63.172
13.6783	3.00522	49.995	50.001	50	25.75	0.315	0.012824	15785	-0.601	60.039
13.6974	3.00327	49.995	49.997	49.997	26.69	0.321	0.016146	15785	0.674	61.327
13.6879	3.00877	49.996	49.996	50.002	26.59	0.326	0.010551	15785	1.514	63.602
13.6846	3.00723	49.993	49.999	49.999	27.15	0.311	0.019927	15785	1.665	62.072
13.6682	2.99805	50.001	50	49.998	26.84	0.332	0.014759	15785	0.947	68.422
13.6839	3.00546	49.999	50.004	50	26.56	0.321	0.005673	15785	0.431	71.201
13.6546	2.99762	50.001	49.998	50.002	26.46	0.324	0.018215	15785	0.249	74.982
13.6568	2.99816	49.999	50.002	49.998	26.42	0.32	0.011904	15785	0.087	76.287
13.6783	3.00041	49.999	49.997	49.999	26.36	0.335	0.022481	15785	-0.075	78.24
13.6691	3.00316	49.997	49.999	50.002	26.25	0.319	0.01665	15785	0.047	76.593
13.6536	2.9965	50.003	49.997	50	25.95	0.307	0.016321	15785	0.087	76.456
13.6707	3.00007	49.998	49.997	49.997	26.47	0.326	0.020549	15785	0.31	77.515
13.6523	3.00055	50.005	50	50.001	26.5	0.317	0.022829	15785	-0.398	80.232

13.6643	2.99949	50	49.996	49.996	26.5	0.316	0.008776	15785	-0.844	82.238
13.6577	2.99588	50	49.999	50.001	26.47	0.327	0.047899	15785	-0.58	81.663
13.6808	2.9992	49.995	50.003	49.998	26.12	0.316	0.018413	15785	-0.439	82.741
13.6807	3.00423	49.998	50	49.996	26.3	0.319	0.013637	15785	-0.864	85.045
13.6515	2.9995	49.995	49.998	50	26.44	0.321	0.025755	15785	-0.864	85.458
13.6683	2.99969	50.002	50.003	50	26.18	0.317	0.042918	15785	-1.198	86.867
13.6562	3.00287	49.996	49.996	49.998	26.44	0.317	0.018698	15785	-1.977	89.068
13.6662	3.00488	50	49.999	50.004	26.47	0.296	0.035313	15785	0.087	84.146
13.6941	3.00989	50.001	49.998	49.999	26.18	0.306	0.023077	15785	1.645	79.548
13.6668	3.00064	49.994	50	49.999	26.53	0.312	0.025637	15785	1.888	78.724
13.6552	2.99775	49.996	49.996	49.996	26.43	0.314	0.009855	15785	2.565	77.475
13.6786	2.99892	49.998	50.004	50.002	26.47	0.32	0.010948	15785	2.787	76.993
13.6796	3.00478	49.997	50.002	50.002	25.96	0.309	0.008109	15785	3.101	75.83
13.683	3.00366	49.994	49.998	49.995	25.84	0.304	0.026034	15785	3.283	75.918
13.671	2.99302	49.998	50	49.999	26.47	0.315	0.010008	15785	2.979	78.197
13.6853	2.9964	49.995	50.004	50.005	26.31	0.328	0.018901	15785	2.383	79.522
13.67	3.00342	50.001	49.998	49.996	26.54	0.32	0.023797	15785	1.787	81.894
13.6536	2.99749	49.996	50.003	50.002	26.66	0.312	0.015551	15785	1.16	84.115
13.6791	2.99803	49.999	49.999	49.999	26.67	0.303	0.017277	15785	0.775	80.174
13.6659	3.00042	50.003	49.997	50.002	26.7	0.311	0.019193	15785	0.108	83.995
13.6956	3.00165	49.999	50.006	50.002	26.58	0.32	0.014215	15785	-0.459	76.988
13.6536	2.99879	50.004	49.999	49.997	26.63	0.322	0.026847	15785	-0.965	76.277
13.6735	2.99774	50	50.001	49.997	26.84	0.306	0.01032	15785	-1.35	75.403
13.6627	2.99371	50.001	50.002	50.002	26.76	0.326	0.011465	15785	-1.755	73.581
13.6768	3.00448	50	49.998	49.999	26.52	0.328	0.014435	15785	-2.018	75.593
13.6922	3.00432	50.001	49.998	49.996	26.79	0.317	0.027263	15785	-2.19	74.468
13.642	2.99972	49.996	50	49.998	26.56	0.339	0.030287	15785	-3.233	68.703
13.6479	3.00412	50.006	49.998	49.999	26.7	0.331	0.019792	15785	-4.814	78.025
13.6734	3.00033	50.003	50.001	49.995	26.54	0.325	0.021988	15785	-5.382	76.785
13.6307	2.9881	49.995	50.003	50	26.51	0.309	0.024428	15785	-6.092	80.281
13.6653	3.00335	49.995	49.995	50.001	26.49	0.312	0.018092	15785	-6.579	79.451
13.6717	3.00177	49.999	50.002	50	26.57	0.308	0.020099	15785	-3.264	70.216
13.6582	3.00036	49.999	49.996	49.992	26.52	0.333	0.008756	15785	-4.064	67.418
13.6927	3.008	49.999	49.998	49.998	26.86	0.329	0.04217	15785	-2.534	63.51
13.6584	2.99386	50.006	50.003	50.004	22.9	0.325	0	15785	-1.593	60.067
13.6884	3.0078	50.001	49.995	50.002	26.05	0.334	0.012628	15785	-1.39	64.963

13.6487	2.99418	50.002	50.006	50	27.03	0.321	0.014029	15785	0.492	57.137
13.6518	2.99922	49.996	49.998	49.998	27.14	0.317	0.015585	15785	0.35	58.131
13.6646	3.00032	50.002	50.003	49.996	25.81	0.319	0.017314	15785	1.827	55.486
13.6506	3.00275	50.001	50.005	49.996	26	0.306	0.05559	15785	1.362	60.724
13.6522	2.99823	49.997	50	50.005	27.15	0.329	0.036328	15785	1.22	65.061
13.6962	3.01106	50.002	49.998	49.995	26.64	0.329	0.015827	15785	0.978	69.361
13.6826	3.0055	49.999	50.001	49.999	26.53	0.301	0.010343	15785	0.816	75.077
13.6515	2.99786	50.002	50.003	50.009	26.58	0.324	0.019533	15785	0.694	76.442
13.6439	2.99534	49.994	50	49.998	26.47	0.317	0.012765	15785	0.816	77.818
13.6648	3.0031	49.996	50.003	49.996	26.48	0.312	0.009454	15785	0.897	78.527
13.7028	3.00315	50	49.998	49.999	26.48	0.305	0.010503	15785	1.281	78.444
13.6462	2.99206	50.001	49.998	49.999	26.47	0.317	0.013224	15785	1.807	79.514
13.665	3.0029	50.004	49.994	49.999	26.44	0.313	0.024975	15785	2.636	79.605
13.682	2.99751	50	50	50	26.43	0.316	0.027745	15785	2.191	82.473
13.6758	3.00443	50.003	49.997	50	26.54	0.313	0.020549	15785	1.746	85.261
13.671	3.00208	50	49.999	49.997	26.48	0.3	0.004647	15785	1.382	85.241
13.6643	2.99858	49.995	49.996	50	26.44	0.318	0.009946	15785	1.605	86.378
13.67	3.00191	49.995	50.001	50.001	26.5	0.3	0.018783	15785	0.209	88.696
13.6579	3.00031	50.002	49.998	49.998	26.62	0.312	0.020867	15785	-1.127	89.623
13.7071	3.01068	49.99	50.001	49.997	26.62	0.313	0.013637	15785	0.462	89.247
13.6912	2.99987	49.993	49.998	50.001	26.85	0.309	0.01515	15785	1.261	89.117
13.6776	3.00332	50.005	49.997	50	26.98	0.303	0.019074	15785	4.313	78.417
13.6832	3.00476	49.998	50.001	50.004	27.21	0.297	0.036024	15785	5.515	73.289
13.643	2.98986	50	50.001	49.993	27.29	0.294	0.045356	15785	7.281	67.424
13.6759	3.00886	49.997	49.995	49.999	27.36	0.295	0.006837	15785	6.746	71.075
13.6655	2.99712	50.001	49.998	49.996	27.3	0.293	0.037319	15785	8.189	64.714
13.6803	3.00161	49.999	50	50	27.81	0.291	0.016259	15785	8.31	64.791
13.6484	2.99374	49.999	50.002	50.006	27.8	0.311	0.012042	15785	7.18	69.947
13.664	3.00257	50.004	50.003	50	27.27	0.298	0.004629	15785	5.182	77.212
13.6668	3.00562	50.001	50.003	50.003	25.28	0.317	0.009908	15785	3.808	81.501
13.6884	2.99893	50.004	49.998	50.003	25.17	0.295	0.011007	15785	3.848	82.723
13.663	2.99851	49.997	49.995	49.996	26.52	0.292	0.008152	15785	3.505	82.92
13.6566	3.00192	50.001	49.999	50.001	26.5	0.303	0.015396	15785	2.423	87.48
13.6724	3.00238	50	49.999	49.996	26.72	0.312	0.029077	15785	3.626	85.657
13.6364	2.99265	50.004	50.004	50	27.15	0.321	0.021535	15785	2.454	88.549
13.6778	3.00134	49.993	49.999	49.992	26.47	0.307	0.014073	15785	2.383	89.727

13.6699	3.00017	49.996	49.999	50	27.04	0.316	0.026578	15785	2.403	90.89
13.6662	3.00501	49.996	50.001	49.999	26.9	0.305	0.019685	15785	2.545	90.592
13.6884	3.00357	50.003	49.997	50.003	26.95	0.291	0.007567	15785	2.252	92.257
13.6925	2.99957	50.001	50.001	49.999	27.08	0.304	0.024295	15785	1.827	92.753
13.654	2.99381	50.004	49.993	49.997	26.95	0.302	0.02699	15785	3.889	93.029
13.6493	2.99574	49.998	49.998	50.005	26.7	0.309	0.01999	15785	6.383	90.49
13.661	3.00237	49.994	49.997	49.995	25.79	0.302	0.022207	15785	5.868	92.714
13.6839	2.99694	49.999	50.004	50	26.85	0.317	0.009675	15785	5.999	91.949
13.6641	2.9973	50.003	49.996	49.998	25.85	0.287	0.018272	15785	5.767	93.166
13.6889	3.00421	50.004	50.001	49.999	24.4	0.299	0.023006	15785	6.918	92.426
13.6672	3.00076	49.996	49.996	49.998	24.36	0.307	0.015034	15785	8.421	89.836
13.6942	3.00646	49.994	50.002	49.999	24.41	0.3	0.009825	15785	8.965	89.49
13.6682	3.00359	50.003	49.997	49.996	26.33	0.297	0.01237	15785	8.431	86.515
13.6883	2.99801	50.003	49.997	49.998	26.37	0.304	0.013742	15785	7.664	84.923
13.6764	3.00172	49.998	49.99	50.003	25.99	0.31	0.044122	15785	4.919	90.647
13.6608	2.99747	49.996	49.997	50	26.76	0.303	0.011307	15785	3.97	90.545
13.6821	3.00282	50.002	50.004	49.998	26.84	0.324	0.012562	15785	3.323	90.755
13.6619	3.00183	49.998	50.011	49.998	26.47	0.317	0.026887	15785	2.757	91.318
13.6578	2.99524	49.999	50	50.006	26.47	0.315	0.017571	15785	1.018	92.045
13.6613	2.99489	50.003	49.998	50.001	26.59	0.316	0.011482	15785	0.067	92.955
13.6885	3.01346	50	49.995	50.004	26.59	0.318	0.021685	15785	0.229	92.499
13.6653	2.99525	50.001	49.999	50.004	26.61	0.305	0.016061	15785	0.452	92.534
13.6593	2.99393	49.999	49.998	50.001	26.5	0.318	0.030333	15785	0.087	91.345
13.6412	2.99668	50.001	49.998	50.002	26.61	0.317	0.019822	15785	-0.925	92.642
13.6787	3.00721	49.998	50.002	49.996	26.73	0.334	0.012954	15785	-1.248	93.107
13.672	3.00924	49.997	49.995	50.007	26.63	0.316	0.014391	15785	-0.793	91.451
13.6776	3.00271	49.996	49.996	49.998	26.65	0.315	0.015987	15785	-1.775	93.275
13.6611	2.99627	49.996	49.997	49.999	26.96	0.318	0.010448	15785	-2.241	94.077
13.6848	2.99986	50	50.005	50.001	26.67	0.319	0.033544	15785	-2.717	93.807
13.674	3.00803	50	50.003	49.999	27	0.335	0.012894	15785	-2.707	92.923
13.6639	2.99736	49.999	49.996	50	26.98	0.318	0.024352	15785	-2.828	93.834
13.6905	3.00312	49.999	49.996	49.999	27.14	0.302	0.009361	15785	-0.914	92.585
13.6832	2.99817	50.002	50.003	50.002	26.06	0.297	0.01768	15785	-0.459	91.483
13.6742	2.9978	50.004	49.997	50.002	27.16	0.31	0.019641	15785	2.413	85.672
13.6452	2.99648	49.996	50.004	49.996	27.32	0.302	0.02182	15785	3.293	82.34
13.6582	2.9975	50.003	50.004	50.001	26.19	0.309	0.024241	15785	0.613	92.463

13.6771	3.00607	50.003	50.001	50.004	27.17	0.309	0.017954	15785	0.259	92.401
13.6643	2.99885	50.001	49.998	49.998	27.14	0.311	0.019945	15785	0.391	92.139
13.6739	3.00893	49.997	49.997	50.004	27.16	0.333	0.013034	15785	0.401	92.445
13.6638	2.99337	50.005	50.006	50.002	26.82	0.322	0.01448	15785	-0.186	93.481
13.6842	2.99758	50.001	49.998	50.002	27.14	0.316	0.016087	15785	-0.641	94.121
13.6845	3.00478	50.004	50	50.008	27.09	0.318	0.030381	15785	-1.117	94.665
13.6684	2.99713	49.992	50.001	50.002	27.15	0.322	0.019854	15785	-1.977	95.185
13.6705	2.99905	49.995	50.002	50.005	26.76	0.312	0.022057	15785	-2.747	95.229
13.7105	3.01228	49.997	50.001	49.999	27.14	0.308	0.041657	15785	-2.828	95.243
13.6602	2.99495	49.996	50.004	50.006	26.81	0.319	0.016013	15785	-2.95	95.171
13.6421	2.99094	50	50	49.996	26.89	0.322	0.01779	15785	-2.707	95.335
13.6347	2.99285	49.998	49.998	49.999	27.08	0.307	0.033598	15785	-2.403	95.479
13.6667	2.99735	49.997	50	49.998	27.09	0.313	0.037325	15785	-1.957	95.721
13.6532	3.00102	50.002	49.998	49.999	27.12	0.314	0.024392	15785	-1.552	95.706
13.6903	3.00209	50.002	49.998	50.006	27.03	0.32	0.027098	15785	-0.672	95.846
13.6786	2.99988	49.996	50.005	50.004	26.54	0.317	0.010417	15785	-0.54	95.732
13.649	2.99778	50.001	50	49.997	26.82	0.321	0.006807	15785	0.067	93.631
13.6724	2.99413	49.997	50.001	50.002	26.56	0.325	0.037154	15785	0.3	91.545
13.6734	2.99919	50.004	50.004	50.002	26.63	0.322	0.014282	15785	0.492	90.921
13.6672	3.00175	50.003	50	49.994	26.74	0.336	0.026974	15785	0.957	89.629
13.6841	3.00869	50.001	50	50.002	26.62	0.324	0.011752	15785	1.918	87.263
13.6679	3.00441	50	50	50	26.71	0.313	0.03773	15785	1.514	89.69
13.6568	2.99877	50.003	50.01	50.006	26.47	0.305	0.024656	15785	2.494	89.586
13.6979	3.0042	50.001	50.001	50.002	26.46	0.316	0.016113	15785	2.171	90.787
13.6757	3.00168	50.001	49.999	49.994	26.47	0.335	0.020287	15785	1.594	94.334
13.6713	3.00129	49.998	49.998	49.998	26.56	0.331	0.022538	15785	1.685	95.889
13.645	2.99155	50	50.003	49.994	26.5	0.3	0.014728	15785	2.565	95.985
13.7117	3.01169	50.005	49.998	49.995	26.52	0.316	0.016362	15785	2.353	95.735
13.7089	3.01041	49.997	49.995	49.998	26.68	0.312	0.018178	15785	2.353	95.494
13.6452	2.99558	49.997	49.998	49.999	26.59	0.312	0.020194	15785	2.161	95.674
13.7103	3.00812	49.996	49.998	49.997	26.77	0.312	0.007763	15785	2.151	95.808
13.6512	2.99637	50	49.997	50.006	26.65	0.306	0.016616	15785	2.009	95.862
13.6491	2.99454	49.999	49.997	50.002	26.73	0.303	0.018459	15785	1.908	96.03
13.6667	2.99665	50.003	50.001	50.002	27.09	0.295	0.012063	15785	1.867	96.154
13.648	2.99648	49.998	49.998	50.005	26.51	0.302	0.013401	15785	1.493	96.256
13.6638	2.99818	49.999	50	50.006	27.03	0.304	0.014888	15785	1.463	96.462

13.6805	3.00813	50.006	49.997	50.003	26.09	0.316	0.028117	15785	1.463	96.634
13.6784	3.00393	49.997	49.996	49.999	27.08	0.297	0.020825	15785	1.766	96.511
13.6725	2.99945	50	49.995	50.001	26.72	0.308	0.013609	15785	1.079	96.638
13.6889	3.00581	50	49.997	49.997	26.55	0.324	0.025701	15785	1.129	96.691
13.6719	2.99448	49.996	50.012	50	26.47	0.316	0.016796	15785	1.038	96.55
13.635	2.9906	50.002	50.004	50	26.41	0.302	0.018659	15785	1.473	88.019
13.6537	3.00065	50	50.001	49.999	26.47	0.317	0.01382	15785	1.22	85.821
13.697	3.00083	49.996	50.001	49.993	26.47	0.335	0.009031	15785	1.291	85.907
13.6298	2.99015	49.999	49.997	50.006	26.47	0.318	0.028995	15785	1.756	86.876
13.6949	3.01055	49.995	49.995	50	26.48	0.306	0.011146	15785	1.817	88.581
13.6498	2.99617	49.998	50.001	49.999	26.47	0.315	0.023857	15785	1.534	88.418
13.6596	2.99572	49.345	49.992	49.978	25.78	0.334	0.4746	15785	-6.426	77.25
13.6574	2.99528	50.005	49.995	50.002	26.59	0.322	0.012849	15785	-4.855	70.45
13.7118	3.00992	49.997	50.007	49.999	26.96	0.315	0.014275	15785	-3.76	64.247
13.6644	2.99569	49.995	50.007	49.998	26.47	0.311	0.015858	15785	-2.565	63.107
13.6859	3.00981	50	49.994	49.996	26.56	0.312	0.017618	15785	-1.552	59.909
13.6773	2.99719	50.004	49.991	49.997	27.14	0.307	0.022182	15785	-0.864	59.053
13.6695	2.99898	50.001	50.001	50.006	27.32	0.306	0.024643	15785	-0.277	55.969
13.6631	2.99636	49.997	49.997	49.997	27.57	0.299	0.016104	15785	-0.439	61
13.6827	2.99984	50.002	50.001	50.003	27.16	0.318	0.010524	15785	-1.087	67.931
13.6818	3.00085	49.996	49.997	49.997	27.1	0.336	0.038293	15785	-0.985	72.275
13.696	3.006	49.997	50.002	50.002	26.98	0.319	0.01472	15785	-1.178	74.414
13.6773	3.00608	49.996	49.995	49.995	26.85	0.319	0.018534	15785	-1.512	74.732
13.6834	3.00635	50.002	50.002	50.006	27	0.309	0.035003	15785	-1.481	75.467
13.6709	2.99811	49.994	50.008	50.003	26.98	0.335	0.013456	15785	-1.572	77.53
13.6711	2.99832	50	50.001	49.999	26.8	0.336	0.0288	15785	-1.998	79.935
13.6573	2.99704	50.002	49.997	49.997	26.52	0.343	0.018821	15785	-2.058	80.496
13.6366	2.99081	49.997	49.997	50.002	26.97	0.318	0.012299	15785	-2.241	81.342
13.6739	3.00673	49.998	50.008	50.001	26.91	0.319	0.023229	15785	-1.714	79.328
13.6316	2.98525	49.997	50.005	49.998	26.95	0.321	0.017204	15785	-2.241	87.193
13.6562	2.9905	50	50.006	50.004	26.65	0.341	0.032491	15785	-3.081	86.113
13.6693	3.00283	50.001	50.003	49.996	26.71	0.325	0.021233	15785	-3.041	87.75
13.6289	2.99063	49.995	50.002	50	26.83	0.321	0.008162	15785	-2.889	85.367
13.6882	3.0055	49.999	50.006	49.999	26.73	0.322	0.010277	15785	-3.558	83.989

13.6612	2.99344	50.003	50.001	50.005	26.7	0.337	0.05609	15785	-3.659	83.414
13.7088	3.00728	49.998	50.006	50	26.93	0.327	0.004389	15785	-3.618	81.132
13.6375	2.98945	50	50	49.996	27.14	0.325	0.015969	15785	-3.314	81.519
13.6635	2.99941	49.998	50.004	50.001	27.1	0.329	0.017741	15785	-3.051	81.671
13.6716	3.0018	50.008	49.999	50.001	27.07	0.339	0.019709	15785	-3.173	81.462
13.6517	2.99439	49.997	50	49.998	27.11	0.328	0.014597	15785	-3.314	79.771
13.6628	3.00245	50.001	50.004	50.001	27.18	0.322	0.046866	15785	-1.917	74.817
13.6516	2.99938	50.003	49.998	50.001	27.24	0.315	0.030627	15785	-2.15	75.348
13.6502	2.99666	50.006	49.996	49.999	27.09	0.318	0.020014	15785	-1.947	76.856
13.6743	3.00581	49.998	50.005	49.998	27.13	0.318	0.037799	15785	-2.22	77.245
13.6325	2.99091	50.001	50.001	50.007	27.16	0.316	0.024701	15785	-2.484	80.214
13.6804	3.006	50.002	50	50.004	27.18	0.309	0.031101	15785	-2.595	81.488
13.6617	2.99514	49.992	49.994	49.996	27.15	0.34	0.020324	15785	-3.112	81.477
13.637	2.98918	50.001	50	50	27.18	0.322	0.007813	15785	-3.497	84.307
13.6802	3.00025	49.996	49.997	49.998	27.15	0.327	0.016723	15785	-4.095	86.045
13.6561	2.99764	50.001	50.007	49.997	27.1	0.32	0.031583	15785	-4.936	88.127
13.6773	3.0043	49.999	50.006	50.007	27.02	0.305	0.012141	15785	-5.24	88.82
13.6555	2.99472	50.001	50.004	50	27.05	0.322	0.025986	15785	-4.297	87.802
13.6645	3.00466	50.001	49.995	49.998	27.16	0.338	0.009989	15785	-4.287	86.801
13.6884	3.00382	49.998	50.002	50.004	27.13	0.328	0.018866	15785	-4.267	87.516
13.6989	3.00849	49.999	50.001	50.002	26.99	0.336	0.008219	15785	-4.216	87.488
13.689	3.00275	50.005	50	50	27.12	0.339	0.026388	15785	-4.338	87.123
13.6498	3.00172	50	49.994	49.998	27.1	0.311	0.029316	15785	-5.362	89.558
13.632	2.98917	50.002	49.994	49.993	26.89	0.321	0.021712	15785	-5.24	89.67
13.7027	3.00862	49.996	49.998	49.999	27.07	0.309	0.014189	15785	-3.659	86.37
13.6733	3.00045	49.995	50	50.002	27.12	0.31	0.03037	15785	-1.481	81.906
13.637	2.99685	49.999	50.004	50	25.63	0.313	0.011675	15785	1.109	76.434
13.6685	2.99878	49.993	49.998	49.995	26.51	0.306	0.01297	15785	2.797	73.825
13.6762	3.00641	49.999	50.002	50.002	26.48	0.295	0.01633	15785	3.798	69.721
13.661	3.00145	50.001	50.004	49.997	25.54	0.309	0.010671	15785	4.172	68.951
13.6467	2.99388	50	50.005	49.998	25.05	0.304	0.006974	15785	5.282	63.132
13.6541	2.99596	50.001	49.999	49.998	25.77	0.309	0.00878	15785	5.898	59.414
13.696	3.00377	50.006	50.004	49.997	26.21	0.298	0.005738	15785	6.403	58.035
13.6712	3.00423	50.008	49.993	50	25.13	0.295	0.018422	15785	4.01	64.53
13.6718	2.99656	49.996	50.001	49.996	27.16	0.311	0.008026	15785	1.584	74.272
13.6782	3.00729	49.999	50.001	50.004	27.29	0.31	0.025768	15785	1.564	77.257

13.6722	3.00642	49.997	49.994	49.997	27.16	0.296	0.019085	15785	0.492	82.28
13.6826	3.00115	49.997	50.006	49.998	26.95	0.319	0.021202	15785	-0.884	87.225
13.6522	2.99454	49.995	49.997	50.001	27.16	0.316	0.023554	15785	-0.075	83.035
13.6567	2.99841	50.004	50	50.001	27.12	0.314	0.010262	15785	-0.004	84.505
13.6758	2.99943	49.996	49.998	50.006	27.02	0.299	0.0114	15785	0.512	82.239
13.6833	2.99639	49.999	50.002	49.995	27.1	0.313	0.012665	15785	1.139	81.235
13.6735	3.00506	50	49.996	50.003	26.98	0.331	0.01407	15785	0.715	82.149
13.6381	2.9941	49.995	50.002	50.004	27	0.315	0.005409	15785	1.564	79.691
13.6385	2.99016	50.001	50.005	49.999	26.97	0.325	0.019681	15785	1.888	77.257
13.6486	2.99743	50.003	49.999	50	26.95	0.312	0.012861	15785	1.766	78.41
13.6768	2.99667	49.996	49.999	50.002	26.87	0.31	0.02429	15785	1.847	79.067
13.6739	3.00214	49.995	49.999	50.005	26.72	0.324	0.010582	15785	1.989	77.714
13.6667	2.99679	50.002	50.001	50.002	26.59	0.317	0.019985	15785	1.797	79.606
13.706	3.00934	49.997	50	50	26.81	0.315	0.022203	15785	3.02	76.306
13.6583	2.99382	49.998	49.999	50.004	25.77	0.304	0.041932	15785	4.151	71.245
13.6874	3.00865	50.009	49.996	50.004	26.47	0.303	0.027402	15785	5.161	66.875
13.6757	3.00578	49.997	49.996	50.002	27.03	0.307	0.020295	15785	5.707	66.732
13.685	3.00469	50.001	50.006	50	27.08	0.305	0.022546	15785	5.656	68.653
13.6724	2.99804	50.004	49.998	50.001	27.05	0.302	0.009823	15785	5.525	71.722
13.6935	3.00656	50.003	49.998	50.002	27.15	0.3	0.018551	15785	7.251	65.102
13.6686	2.99533	50.008	49.997	49.994	27.25	0.3	0.012123	15785	7.18	59.564
13.677	3.00414	49.998	49.999	50	25.79	0.307	0.008979	15785	4.586	69.531
13.6551	2.99502	50.002	49.994	50.001	27.15	0.306	0.009975	15785	2.221	76.285
13.6772	3.00109	49.999	50.009	50.003	26.83	0.32	0.018838	15785	0.573	79.777
13.6515	2.99705	49.997	50	50.001	26.91	0.312	0.023719	15785	-0.469	85.008
13.6432	2.99739	50	49.998	49.998	26.83	0.32	0.0155	15785	0.249	81.052
13.6796	3.00529	49.999	49.995	49.998	26.62	0.329	0.01722	15785	-0.965	86.518
13.6557	2.99255	49.997	49.997	50.003	26.72	0.295	0.011253	15785	-0.935	84.145
13.6689	2.99854	50.007	49.998	49.998	26.56	0.31	0.021252	15785	-1.188	85.835
13.6528	2.99669	49.998	49.998	50.004	26.48	0.329	0.013888	15785	-1.248	85.819
13.6876	3.00468	50	49.999	49.998	26.5	0.312	0.02623	15785	-1.684	86.784
13.6966	2.99943	50	50.002	50.001	26.48	0.328	0.010083	15785	-1.289	91.541
13.6842	3.00459	50.001	49.997	49.997	26.48	0.315	0.021582	15785	-0.56	92.503
13.6765	2.99493	50.001	50.004	50.001	26.52	0.327	0.008296	15785	-1.208	85.808
13.672	3.0051	50	50	49.999	26.54	0.316	0.009217	15785	-2.018	77.88
13.648	2.99847	50.001	49.996	49.999	26.47	0.318	0.010239	15785	-3.497	78.182

13.6715	3.00463	50.003	49.998	50	26.46	0.318	0.019338	15785	-4.024	78.208
13.66	3.00122	49.998	49.998	49.995	26.47	0.32	0.008425	15785	-5.139	86.168
13.6638	3.00412	50.003	49.999	50.002	26.47	0.324	0.015911	15785	-5.321	82.836
13.6448	2.99418	50.003	49.998	50	26.47	0.316	0.017676	15785	-4.895	78.261
13.6662	2.99393	50.003	49.997	49.998	26.54	0.33	0.011551	15785	-5.017	77.818
13.6724	3.00024	49.999	50.001	50.004	26.49	0.32	0.012833	15785	-4.865	76.496
13.673	2.99793	50.002	50	50.006	26.48	0.331	0.008386	15785	-4.936	77.022
13.6658	3.00252	50.002	50.002	50.003	26.55	0.333	0.013975	15785	-5.098	77.73
13.6471	2.99182	49.996	50.002	49.993	26.48	0.316	0.017595	15785	-5.098	76.188
13.661	3.00163	50.003	49.997	49.998	26.47	0.322	0.03323	15785	-5.037	78.298
13.6877	3.00904	49.999	50.003	49.998	26.49	0.33	0.021716	15785	-5.321	78.027
13.6645	2.99772	50.005	50	50	26.47	0.322	0.00491	15785	-5.341	77.49
13.6556	2.98952	49.995	50.002	50.005	26.47	0.322	0.015766	15785	-5.524	77.403
13.6638	2.99981	50.004	49.997	49.997	26.47	0.333	0.010303	15785	-6.041	77.172
13.6769	2.99852	50.001	49.997	50.001	26.47	0.325	0.033078	15785	-6.639	78.165
13.6725	2.99827	49.997	50.003	50	26.45	0.343	0.021616	15785	-6.944	75.834
13.6693	3.00208	49.997	50.006	50.003	26.46	0.346	0.00831	15785	-7.309	76.101
13.6371	2.99134	49.999	50.001	49.998	26.46	0.327	0.015693	15785	-7.644	76.907
13.6792	3.00072	50.002	49.999	50.01	26.35	0.33	0.010256	15785	-7.999	77.693
13.6488	3.00512	49.998	49.998	50.002	26.4	0.325	0.032927	15785	-8.314	79.897
13.6821	3.00491	49.999	49.998	50.005	26.42	0.332	0.012657	15785	-8.882	82.403
13.6893	3.00245	50.005	49.995	49.995	26.46	0.328	0.009374	15785	-9.258	84.282
13.6541	2.99606	50.004	50.001	50.002	26.38	0.32	0.017705	15785	-9.705	83.477
13.662	3.00114	49.995	50.004	50.004	26.2	0.343	0.033437	15785	-10.05	85.366
13.6592	2.99954	49.999	49.994	50.001	25.96	0.332	0.021851	15785	-10.396	83.662
13.662	2.99817	49.997	49.998	50	26.03	0.321	0.014279	15785	-10.172	78.731
13.6864	3.00791	50	49.993	49.996	26.38	0.347	0.010576	15785	-10.091	76.429
13.6673	2.99905	50.004	49.998	50.003	26.47	0.327	0.019973	15785	-9.167	72.307
13.6765	3.00377	50.002	50.006	50.003	26.47	0.315	0.022189	15785	-9.603	72.429
13.637	2.99122	49.999	50.006	49.996	26.51	0.315	0.041907	15785	-9.481	74.368
13.6627	3.00106	50.003	49.996	50.004	26.47	0.336	0.016109	15785	-8.933	71.753
13.6367	2.99478	50.003	49.996	50	26.43	0.348	0.011931	15785	-9.217	71.383
13.6585	2.99773	49.996	49.999	50.002	26.47	0.336	0.022533	15785	-9.024	72.334
13.673	2.99897	50.002	50.008	50	26.34	0.34	0.025033	15785	-9.644	78.451
13.6584	3.00507	49.999	49.997	49.988	26.06	0.336	0.02781	15785	-10.101	82.32
13.6477	2.99378	49.994	50.005	50.007	26.37	0.348	0.006288	15785	-10.182	72.83

13.6823	3.00163	50.001	49.996	50.002	26.02	0.333	0.022882	15785	-10.66	79.039
13.6713	3.00236	50	50.004	50	25.87	0.335	0.014953	15785	-10.7	72.413
13.6546	2.99789	49.996	49.994	49.993	26.41	0.335	0.016612	15785	-10.782	73.994
13.6515	3.00005	49.998	49.999	50.001	26.11	0.329	0.018455	15785	-11.96	74.641
13.6702	3.00323	50.001	50.001	50.004	26.17	0.325	0.00804	15785	-12.509	75.162
13.6361	2.99511	49.998	50.001	49.997	25.92	0.341	0.043884	15785	-12.794	75.145
13.6681	2.99776	49.999	49.998	49.994	25.87	0.342	0.011246	15785	-12.814	74.225
13.6679	2.99779	49.997	50	50.003	25.89	0.352	0.012494	15785	-13.282	76.458
13.6678	3.00343	49.999	50.002	49.996	25.72	0.345	0.023596	15785	-13.832	75.594
13.6594	2.99412	49.998	49.997	50.002	25.9	0.348	0.026214	15785	-14.462	78.109
13.6794	3.00224	49.997	49.999	50	25.78	0.335	0.01142	15785	-14.788	78.163
13.6913	3.00153	49.999	50.003	49.997	25.81	0.339	0.012687	15785	-14.849	77.473
13.6728	3.00019	49.996	50	50.001	26.4	0.352	0.014095	15785	-13.221	72.397
13.689	3.00529	49.996	50.002	50.004	26.47	0.33	0.010439	15785	-12.367	68.195
13.674	3.00321	50	50	49.999	26.5	0.328	0.011597	15785	-10.985	63.772
13.6696	3.00419	49.999	49.996	50.002	26.57	0.337	0.024823	15785	-10.01	65.533
13.6558	2.99603	49.995	50.004	50.001	26.54	0.324	0.009542	15785	-9.38	61.802
13.6516	2.99639	50	49.997	49.999	26.74	0.336	0.010601	15785	-8.263	59.498
13.6685	3.00671	49.998	50.003	49.999	27.08	0.319	0.007851	15785	-8.101	58.743
13.6346	2.9911	49.999	49.999	49.999	27.01	0.319	0.014828	15785	-7.715	55.269
13.7014	3.0079	50	49.999	49.997	27.12	0.317	0.018669	15785	-7.776	57.819
13.6967	3.00639	49.997	50.002	49.998	26.87	0.334	0.0122	15785	-9.36	63.4
13.6767	2.9952	50.004	50.002	49.995	26.64	0.331	0.007973	15785	-10.111	67.724
13.6688	3.00519	50.001	50.001	50.002	26.62	0.33	0.008857	15785	-10.924	70.67
13.6941	3.00288	49.998	50	50	26.56	0.334	0.011152	15785	-11.838	72.386
13.6776	3.00038	49.999	50.006	50.006	26.68	0.335	0.012389	15785	-12.855	76.393
13.6943	3.00592	50	49.996	50.002	26.5	0.342	0.015599	15785	-13.059	79.503
13.6755	3.00371	49.997	49.996	49.995	26.51	0.332	0.010194	15785	-12.062	78.05
13.6699	2.99741	49.997	49.999	50.006	26.49	0.33	0.019252	15785	-11.645	75.172
13.6812	2.99906	49.997	50.005	50.004	26.49	0.335	0.014259	15785	-11.737	76.288
13.6413	2.99665	49.998	50.004	49.998	26.47	0.347	0.045779	15785	-11.838	74.673
13.676	2.9981	50.004	50.005	49.997	26.5	0.341	0.019944	15785	-12.001	72.493
13.6499	2.99814	50.001	49.995	49.999	26.47	0.359	0.022157	15785	-13.282	75.897
13.6485	2.99533	49.994	49.999	50.001	26.46	0.341	0.01448	15785	-14.137	80.083
13.7028	3.0037	49.997	49.997	49.996	26.41	0.35	0.018231	15785	-14.666	79.036
13.6476	2.99273	50.003	50.004	49.998	25.96	0.345	0.034431	15785	-14.869	78.21

13.6975	3.00917	50.007	49.999	49.998	26.48	0.35	0.03825	15785	-12.377	70.805
13.6827	3.00355	50.003	50.004	50.007	27.08	0.328	0.016664	15785	-10.7	60.547
13.6623	3.00143	50.002	50	50.006	26.98	0.322	0.018513	15785	-9.319	56.97
13.6774	2.99413	50	50.004	50	26.49	0.317	0.020567	15785	-7.898	50.724
13.671	3.00089	50.003	50.007	49.997	27.14	0.32	0.01344	15785	-7.512	51.495
13.6708	2.99951	49.997	49.998	49.997	27.11	0.317	0.028768	15785	-5.99	52.687
13.6952	3.0096	49.999	50	50	27.16	0.321	0.011059	15785	-5.544	50.046
13.6831	3.0059	49.998	49.996	49.997	27.37	0.329	0.012286	15785	-4.946	44.228
13.6512	2.99552	50.003	50.002	50.001	27.5	0.314	0.009099	15785	-5.646	45.97
13.6508	2.99088	49.999	49.998	49.997	27.47	0.323	0.029214	15785	-6.599	48.589
13.6688	2.99448	50.003	50	49.999	27.16	0.309	0.019091	15785	-6.599	56.054
13.6344	2.9893	49.994	49.996	49.992	26.97	0.318	0.014139	15785	-7.187	62.292
13.6962	3.00882	50	50	49.998	26.93	0.327	0.00924	15785	-7.847	70.392
13.6555	3.0023	49.999	49.999	49.994	26.7	0.343	0.029666	15785	-8.131	72.136
13.695	3.0066	50.002	50	49.994	26.81	0.329	0.021972	15785	-9.197	81.356
13.6841	3.00454	50.001	50.001	49.995	26.74	0.342	0.014358	15785	-9.014	79.2
13.6801	3.00521	49.999	49.999	50.005	26.96	0.313	0.027117	15785	-8.222	83.4
13.6801	3.00288	50.004	50.004	50.005	27.13	0.326	0.020084	15785	-8.344	81.43
13.6625	2.99426	50.001	50.002	49.998	27.07	0.344	0.022312	15785	-7.695	80.972
13.6579	2.99801	50	49.997	49.997	26.93	0.322	0.024787	15785	-7.36	77.956
13.7105	3.00351	49.998	50.003	49.996	26.47	0.31	0.031209	15785	-7.147	74.019
13.6375	2.99253	49.997	49.996	49.997	26.41	0.33	0.058941	15785	-7.066	73.248
13.6789	2.99621	50.003	50.002	49.999	26.48	0.314	0.022657	15785	-7.735	76.866
13.6733	3.00306	49.998	50.003	50.001	26.47	0.328	0.016781	15785	-7.238	77.938
13.651	2.99549	50.001	50.001	50.004	26.48	0.329	0.010966	15785	-6.802	79.647
13.6701	2.99611	50	50.007	49.997	26.48	0.34	0.023472	15785	-7.106	83.332
13.6424	2.99439	49.999	49.999	50.007	26.52	0.33	0.026076	15785	-7.147	82.545
13.646	2.99211	50.002	49.998	50.002	26.61	0.322	0.017041	15785	-5.808	70.186
13.6524	2.99651	49.997	49.998	49.999	26.65	0.334	0.021455	15785	-5.544	62.129
13.6856	3.00467	49.999	49.997	49.999	26.5	0.322	0.008248	15785	-4.611	56.7
13.6839	3.00429	49.991	50.002	49.999	26.77	0.32	0.02648	15785	-4.318	49.164
13.6807	3.00098	49.998	49.993	49.998	26.88	0.324	0.029418	15785	-5.159	49.078
13.7017	3.00713	50.002	49.994	49.993	26.67	0.331	0.012816	15785	-5.585	45.858
13.6688	2.99459	50.006	50.003	50.001	26.59	0.345	0.024205	15785	-7.116	52.463
13.6745	3.00688	50.002	49.999	49.998	26.26	0.324	0.009305	15785	-8.791	56.068
13.6473	2.99831	50.001	50.002	50.001	25.94	0.36	0.010337	15785	-9.522	59.019

13.6706	2.9949	50	49.995	50	25.83	0.347	0.019522	15785	-10.253	59.697
13.6594	2.99711	50.003	50.002	49.998	25.87	0.356	0.036869	15785	-11.127	59.071
13.6968	3.00941	49.998	49.996	50	25.9	0.333	0.014173	15785	-12.042	53.219
13.6788	2.9979	50.002	49.999	49.998	25.87	0.356	0.017845	15785	-13.12	53.965
13.6638	2.99772	50.003	49.993	50.001	25.8	0.341	0.019824	15785	-13.872	55.185
13.6633	3.00135	50.001	49.999	49.997	25.77	0.362	0.042432	15785	-14.462	55.982
13.6985	3.00327	49.999	50.002	49.995	25.69	0.364	0.027729	15785	-15.195	53.864
13.6663	2.99717	50.001	50.001	50.006	25.62	0.347	0.00627	15785	-15.887	58.56
13.6418	2.99182	49.998	50.003	49.996	25.79	0.361	0.020131	15785	-16.406	60.031
13.6636	2.99816	50.001	49.996	49.997	25.78	0.38	0.025347	15785	-17.191	70.235
13.6416	2.99408	50.006	50	50	25.77	0.346	0.016564	15785	-17.537	70.26
13.6356	2.99552	49.999	50.005	49.996	25.77	0.364	0.031283	15785	-17.394	67.995
13.68	3.00424	50.004	49.998	50.002	26.47	0.344	0.013629	15785	-15.419	58.377
13.6852	3.00418	49.995	49.996	50.004	26.54	0.356	0.025739	15785	-13.832	51.59
13.6573	3.00248	49.996	50.001	49.999	26.75	0.334	0.016821	15785	-12.428	46.787
13.6676	2.99812	50.001	50.001	49.995	27.07	0.332	0.012458	15785	-11.219	44.372
13.6805	2.9997	50.003	49.998	49.993	26.74	0.341	0.01384	15785	-10.253	41.866
13.6859	3.00084	50	50.008	49.996	26.92	0.346	0.015375	15785	-8.882	40.142
13.6647	2.99805	49.996	50.001	50.008	27.14	0.313	0.017081	15785	-8.04	39.565
13.6841	3.01114	49.998	50.001	50.001	27.26	0.33	0.011162	15785	-7.431	38.518
13.6674	3.00052	50.002	49.991	50.002	27.26	0.329	0.007295	15785	-8.486	40.065
13.6691	2.99834	50.002	49.999	49.997	27.16	0.332	0.013777	15785	-9.461	44.532
13.6638	3.00099	50.001	50.003	49.998	26.82	0.335	0.017346	15785	-10.477	52.505
13.6312	2.99108	50.003	49.998	49.998	26.64	0.348	0.032759	15785	-11.025	54.893
13.6805	2.99547	50.005	50	50.005	26.49	0.357	0.014272	15785	-11.208	56.72
13.6769	2.99738	50.002	50	50.001	26.72	0.337	0.026954	15785	-11.615	58.829
13.6943	3.00574	49.994	50	49.997	26.55	0.343	0.010361	15785	-11.422	60.344
13.7078	3.00846	49.996	49.994	49.998	26.51	0.357	0.022178	15785	-11.086	62.307
13.6923	3.00095	50	49.999	50.003	26.54	0.339	0.024638	15785	-10.904	58.441
13.6633	2.99555	50	50.005	50.006	26.5	0.341	0.009471	15785	-10.68	63.875
13.673	3.00147	50.001	50.002	49.999	26.51	0.343	0.017887	15785	-10.192	57.481
13.6568	3.00014	50.002	50.003	49.994	26.47	0.334	0.006876	15785	-9.888	58.421
13.665	2.99763	50.001	49.999	49.999	26.51	0.347	0.022076	15785	-9.644	58.838
13.6396	2.99155	49.996	49.997	49.999	26.2	0.357	0.014427	15785	-10.619	80.911
13.6722	2.99762	49.997	49.994	49.997	26.41	0.348	0.018164	15785	-10.69	78.456
13.6635	3.00446	50.002	50.003	49.999	25.95	0.35	0.01187	15785	-10.497	75.698

13.6666	2.99477	50.004	50.006	50.002	26.09	0.343	0.007757	15785	-10.07	69.407
13.6613	2.99677	50.004	49.997	50	26.33	0.326	0.01465	15785	-9.745	69.401
13.6725	3.00447	49.999	49.998	49.993	25.82	0.35	8.77915	15785	-9.441	72.534
13.6714	2.99957	50.007	50.006	49.984	26.41	0.342	0.048379	15785	-9.766	86.133
13.6568	2.99776	50.001	49.996	49.997	26.2	0.336	0.031615	15785	-9.136	83.582
13.66	3.00131	50	49.998	50.001	26.22	0.32	0.012153	15785	-8.913	83.08
13.676	3.0034	49.998	50	50.009	26.45	0.333	0.022953	15785	-8.608	81.996
13.6815	2.99716	50.001	50.002	50.001	26.47	0.342	0.028899	15785	-8.507	85.761
13.6608	3.00106	49.997	50.002	50.005	26.35	0.331	0.018885	15785	-8.649	86.545
13.7011	3.00688	50.006	50.001	50	26.29	0.332	0.060633	15785	-8.689	88.109
13.6715	3.00397	50.001	50.006	49.995	25.91	0.327	0.023308	15785	-8.628	85.818
13.6481	2.9915	49.998	50.001	49.996	25.99	0.331	0.029346	15785	-8.588	85.74
13.6902	3.00628	50	49.994	49.999	25.88	0.333	0.032602	15785	-8.568	85.699
13.6892	3.00425	49.999	50	50.003	26.46	0.34	0.007372	15785	-8.598	86.599
13.6625	2.99524	50.002	50.001	50	26.47	0.335	0.00819	15785	-8.527	88.921
13.6709	3.00362	49.993	49.999	50.002	26.47	0.313	0.029801	15785	-8.324	90.52
13.7057	3.00318	50.003	50.004	49.998	26.47	0.331	0.006739	15785	-8.019	91.188
13.662	2.99505	50.004	49.999	50.007	26.47	0.33	0.012727	15785	-7.674	91.514
13.6547	2.99081	50.004	49.997	49.998	26.5	0.321	0.02724	15785	-7.37	92.057
13.6878	3.00596	49.998	49.998	50.001	26.52	0.33	0.026702	15785	-7.228	92.211
13.6589	2.99635	49.999	50.003	49.998	26.52	0.319	0.029665	15785	-6.924	92.373
13.6712	3.00202	49.999	50.005	49.998	26.67	0.33	0.02197	15785	-6.538	92.519
13.6754	3.00529	50	50.003	50	26.75	0.336	0.007452	15785	-6.457	92.504
13.6879	3.00303	49.998	50.001	50.002	26.9	0.32	0.023926	15785	-6.234	92.717
13.6941	3.00303	49.997	50	49.998	27.03	0.317	0.02658	15785	-5.534	93.338
13.6671	2.99957	50.002	50.006	49.998	27.12	0.313	0.01158	15785	-4.561	93.649
13.6733	2.99823	50.003	49.997	50.002	27.16	0.301	0.012865	15785	-3.862	93.695
13.6642	3.00133	49.999	50.001	49.999	27.14	0.299	0.041304	15785	-3.193	91.854
13.6808	2.99998	49.995	49.997	49.999	27.17	0.316	0.026992	15785	-2.767	88.535
13.7101	3.00559	50.001	49.996	50.002	27.15	0.326	0.017639	15785	-2.534	86.869
13.677	3.00493	49.998	50.001	50.003	27.15	0.311	0.019596	15785	-2.038	83.941
13.6697	2.99792	49.995	49.995	49.998	27.01	0.315	0.014513	15785	-2.393	84.883
13.7012	3.00625	50.002	50	49.998	26.95	0.314	0.02741	15785	-2.747	85.121
13.6675	2.99483	49.997	49.995	50.001	26.76	0.315	0.017912	15785	-3.325	85.449
13.6396	2.99716	50.002	50.003	49.999	26.73	0.317	0.019899	15785	-3.669	84.741
13.6519	3.00002	50.003	50	49.998	26.81	0.316	0.025055	15785	-3.811	85.992

13.7002	3.00656	50.001	50.001	50	26.69	0.304	0.027834	15785	-4.064	86.521
13.6711	3.00305	50.002	49.996	50	26.92	0.299	0.01819	15785	-4.368	86.927
13.6785	2.9981	50.001	49.998	50.003	26.86	0.314	0.034353	15785	-4.47	87.588
13.6738	2.9981	49.995	50.004	50.002	26.91	0.322	0.022449	15785	-4.368	85.511
13.6899	3.00068	49.999	50.001	50.006	27.01	0.323	0.02494	15785	-4.47	85.101
13.7049	3.00208	49.997	50.003	49.994	26.91	0.305	0.016298	15785	-4.409	85.009
13.6866	3.00901	49.999	49.995	49.992	26.65	0.312	0.006265	15785	-4.267	84.29
13.7038	3.00486	50.003	50.004	50.003	26.96	0.316	0.011832	15785	-4.226	83.692
13.6913	3.00813	50.002	50.002	49.998	26.97	0.306	0.022347	15785	-4.014	82.113
13.6348	2.9948	50.002	49.996	49.997	26.95	0.332	0.005053	15785	-5.402	88.962
13.7138	3.00801	50.002	49.999	49.997	26.91	0.313	0.018387	15785	-5.118	86.462
13.6655	2.9961	50.002	49.997	49.997	27.04	0.315	0.012016	15785	-5.321	85.653
13.6686	2.99866	50.006	50.004	49.998	26.92	0.322	0.013349	15785	-5.037	87.151
13.6535	2.9983	49.997	50.003	50.004	27.15	0.297	0.02521	15785	-3.233	80.497
13.6768	3.00137	50	49.996	49.999	27.3	0.302	0.016475	15785	-0.763	68.174
13.7019	3.00746	50.003	50	49.996	27.84	0.304	0.007178	15785	0.593	64.412
13.6973	3.009	49.994	50.001	50.003	27.83	0.304	0.013555	15785	-1.137	75.128
13.6604	3.00743	50	50.001	50.003	27.84	0.291	0.015059	15785	-0.176	73.14
13.6738	3.00256	50.001	50.002	49.997	27.75	0.306	0.032233	15785	-0.732	77.525
13.6598	2.99512	50.002	49.999	49.998	27.32	0.294	0.035809	15785	-0.722	81.287
13.6737	2.99922	50.001	50.004	50.001	27.17	0.314	0.013765	15785	-1.815	87.941
13.6727	2.99861	50.004	50.002	50.004	27.12	0.313	0.025997	15785	-2.109	90.226
13.6795	3.00323	49.999	50.005	50.003	26.91	0.303	0.016989	15785	-1.998	89.969
13.6859	3.00169	49.997	50.009	50.003	27.09	0.331	0.018874	15785	-2.048	89.669
13.6659	3.00349	50.001	49.997	49.997	26.84	0.318	0.060597	15785	-1.836	89.209
13.6625	3.00263	50.001	49.998	49.999	26.86	0.314	0.00806	15785	-1.633	89.578
13.6638	3.00291	49.997	50.002	49.997	27.13	0.317	0.015223	15785	-1.552	88.638
13.6845	3.00269	49.996	49.995	50.001	27.07	0.303	0.009948	15785	-1.684	86.358
13.6681	3.00277	50	49.996	49.998	26.96	0.325	0.018788	15785	-2.909	84.886
13.6651	3.00526	49.998	50.002	50.005	27.01	0.319	0.020872	15785	-3.193	88.481
13.6707	3.0013	50.001	50	50	27	0.32	0.023188	15785	-2.119	82.99
13.6746	2.99984	49.998	50.001	50.003	27.09	0.322	0.015153	15785	-4.166	86.916
13.6558	2.99568	49.997	49.998	49.998	26.66	0.334	0.009902	15785	-3.882	86.82
13.6606	2.99227	49.999	50.001	50.002	26.8	0.316	0.028052	15785	-3.395	88.36
13.6814	3.00328	50.001	49.998	50	26.79	0.321	0.018332	15785	-3.476	88.303
13.6689	2.99753	50.002	50.004	49.999	26.94	0.337	0.007047	15785	-3.882	88.527

13.6819	3.00762	50.001	50	50	27.05	0.305	0.013309	15785	-4.348	86.132
13.6734	2.99948	49.994	50.003	50.007	27.15	0.337	0.008697	15785	-3.801	77.904
13.68	3.00008	49.999	49.994	49.997	27.55	0.328	0.016426	15785	-1.623	67.776
13.6622	3.00419	49.999	50	49.998	27.63	0.303	0.010734	15785	-1.745	68.836
13.6895	3.00604	50.003	50.004	50.003	27.84	0.303	0.007015	15785	-1.633	69.165
13.6326	2.9901	50.006	50.001	50.004	27.79	0.311	0.022522	15785	-1.248	65.387
13.6954	3.00568	49.997	50.012	49.998	27.91	0.309	0.042535	15785	-0.439	62.558
13.6603	3.0089	50.003	50.002	50	28.1	0.306	0.016351	15785	-0.166	59.056
13.6781	3.00903	49.999	50.006	49.999	28.19	0.321	0.018165	15785	-0.135	58.67
13.6641	2.99705	50	50	50.002	28.34	0.324	0.02018	15785	-1.967	66.804
13.6859	3.00527	49.996	49.996	49.993	27.46	0.325	0.013188	15785	-4.287	75.417
13.6723	3.00255	49.997	50.001	50.002	27.16	0.332	0.014651	15785	-4.247	76.818
13.6468	2.99586	49.999	50.002	50.005	27.08	0.332	0.016276	15785	-4.196	74.527
13.6777	3.00215	50.004	50	49.995	27.07	0.307	0.030739	15785	-4.186	75.272
13.6647	2.99936	49.997	50	49.999	27.14	0.344	0.013392	15785	-4.328	75.527
13.6721	3.00031	49.999	50	50.004	27.12	0.336	0.014878	15785	-3.699	76.258
13.6464	2.99504	50	50.002	49.998	27.07	0.326	0.016528	15785	-3.345	77.817
13.6952	3.00822	50.008	50.001	50.004	27.12	0.317	0.02081	15785	-3.314	78.036
13.6584	2.99594	50	50.006	49.996	26.8	0.335	0.023119	15785	-3.872	81.567
13.6584	2.99385	50.002	49.999	50.001	26.96	0.347	0.015108	15785	-4.713	83.942
13.6727	2.99602	49.998	49.998	49.997	26.84	0.337	0.019022	15785	-4.997	86.7
13.6669	2.99687	50.001	49.999	50.001	26.94	0.316	0.012431	15785	-4.733	88.452
13.6653	2.99942	49.997	50.001	50	26.81	0.349	0.008123	15785	-4.105	87.141
13.6399	2.98635	50.002	49.998	50.008	26.6	0.337	0.029559	15785	-3.862	87.559
13.6538	3.00096	49.998	50.003	50.001	26.94	0.335	0.011363	15785	-2.322	85.897
13.685	3.00243	49.996	49.997	49.999	27.15	0.342	0.02146	15785	-0.753	83.676
13.6992	3.01461	49.999	49.997	49.999	27.16	0.315	0.014024	15785	1.149	79.058
13.6739	3.0039	50.002	49.998	49.994	27.2	0.32	0.017657	15785	2.686	77.064
13.6804	3.00297	50.004	49.999	50	27.18	0.314	0.019616	15785	3.818	76.599
13.6496	2.99765	49.998	49.998	50.001	27.16	0.321	0.012819	15785	4.313	76.186
13.6776	3.00803	49.997	50	50	27.16	0.295	0.014241	15785	4.545	77.492
13.6528	2.99652	49.996	50.001	49.999	27.05	0.313	0.010547	15785	5	77.713
13.6428	2.99612	50.001	50.001	50.006	27.05	0.314	0.019919	15785	4.788	77.004
13.6692	2.99511	50	50.003	49.999	27.04	0.32	0.013017	15785	4.394	78.046
13.6762	3.00539	50	49.999	49.996	26.84	0.324	0.005004	15785	4.242	76.367
13.6485	2.99613	49.998	50	50.003	26.68	0.325	0.030954	15785	4.01	76.665

13.6741	3.00072	49.995	50.001	49.999	26.81	0.314	0.011899	15785	3.606	76.505
13.7034	3.00883	49.998	50.001	49.999	27.08	0.332	0.013219	15785	3.151	77.726
13.6564	2.99971	50	50	49.998	26.92	0.33	0.016644	15785	3.727	77.073
13.6643	2.99854	49.997	49.995	49.997	26.64	0.311	0.031433	15785	4.252	76.124
13.68	2.99533	50.001	49.995	50	26.79	0.314	0.012083	15785	5	75.485
13.6643	3.00297	50.002	49.995	50.004	26.71	0.316	0.004645	15785	5.414	75.12
13.6749	2.99734	49.997	50	50.004	26.97	0.311	0.009942	15785	5.747	75.088
13.6703	2.99598	50.001	50.006	50.007	27.02	0.307	0.011045	15785	6.231	74.683
13.6398	2.99007	50	50.003	49.997	26.99	0.298	0.01227	15785	6.615	74.787
13.66	2.99575	50.003	49.999	50	26.91	0.296	0.013632	15785	6.847	74.555
13.6597	2.99546	50.004	49.997	49.999	26.95	0.303	0.015144	15785	6.837	75.415
13.6689	2.99553	49.998	50.006	50.001	26.81	0.313	0.032414	15785	6.726	77.146
13.7068	3.00655	49.998	50	49.996	27.11	0.3	0.01246	15785	8.28	74.491
13.6491	3.00068	50	50.001	49.998	27.16	0.286	0.013843	15785	10.407	71.813
13.6548	2.99715	49.997	50.006	49.995	27.14	0.309	0.015378	15785	12.743	70.927
13.6652	2.99951	50	49.997	49.996	27.15	0.271	0.029044	15785	16.013	55.01
13.6925	3.00383	49.996	50.002	50.001	27.14	0.289	0.01898	15785	15.41	49.866
13.6642	3.00046	50.003	50	50.005	29.51	0.289	0.021086	15785	17.028	47.196
13.6781	3.00396	49.999	50	49.987	28.54	0.299	0.029493	15785	13.468	53.915
13.6619	2.99518	50.009	50	50	30.63	0.319	0.055701	15785	10.8	62.664
13.6671	2.99684	50.002	49.998	50	30.92	0.325	0.024267	15785	9.903	59.511
13.6593	2.99586	49.999	49.998	49.994	29.24	0.296	0.026959	15785	6.564	68.421
13.6634	2.99865	50.005	49.999	49.998	28.53	0.322	0.02995	15785	6.726	67.834
13.6383	2.98871	50.006	50.002	50.003	29.22	0.319	0.022182	15785	6.383	67.233
13.675	2.99827	49.997	49.999	50.002	28.54	0.322	0.014496	15785	6.282	64.545
13.6921	3.00948	49.996	49.999	49.996	28.53	0.325	0.079119	15785	5.807	65.938
13.6703	2.99769	50	50.002	50	28.01	0.311	0.020276	15785	5.02	66.449
13.6823	3.00398	49.998	50	50	27.84	0.301	0.038293	15785	4.071	69.144
13.6674	2.99711	50.002	50.002	49.996	27.2	0.312	0.042542	15785	3.262	71.456
13.6781	3.00002	50	50.004	49.998	27.32	0.323	0.031508	15785	4.656	64.672
13.6725	3.00327	50.006	50.002	50.003	27.83	0.313	0.02059	15785	4.495	64.643
13.6598	2.99541	50.002	50.005	50.001	27.83	0.313	0.022874	15785	4.475	65.319
13.645	2.9985	49.997	49.998	49.999	27.84	0.316	0.025412	15785	4.495	64.343
13.6698	2.99745	50.005	49.996	49.998	28.5	0.324	0.031996	15785	8.552	54.35
13.6701	2.99241	50	50.005	49.998	29.89	0.303	0.060427	15785	13.186	42.367

13.676	2.99341	50	50.003	49.999	29.22	0.296	0.039489	15785	14.615	43.339
13.6698	3.00343	49.994	50.001	49.995	29.91	0.307	0.01518	15785	15.41	44.562
13.6739	2.99866	50.005	49.996	50.001	29.8	0.297	0.055235	15785	16.777	43.523
13.6757	3.00983	49.998	50	50.006	29.37	0.276	0.021233	15785	17.712	42.125
13.6785	3.002	50.006	49.996	50.003	29.23	0.29	0.068171	15785	17.169	43.242
13.6635	2.9933	50.001	49.999	49.997	29.42	0.281	0.026205	15785	16.013	46.144
13.6895	2.99992	50.008	49.998	50.001	28.94	0.304	0.032994	15785	15.581	49.167
13.6931	3.00458	50.001	50.005	49.998	29.27	0.295	0.062313	15785	14.193	52.706
13.6513	2.99456	50	50.006	50.001	28.58	0.286	0.040721	15785	11.031	59.11
13.6967	3.00251	49.997	49.992	49.998	28.51	0.295	0.030159	15785	10.195	58.337
13.668	2.99898	50.004	50	49.995	28.54	0.306	0.033505	15785	9.419	58.652
13.6785	3.00178	50.004	49.999	50.005	29.22	0.315	0.037223	15785	8.35	62.621
13.6706	3.00068	49.997	49.994	50.002	28.53	0.312	0.014309	15785	7.15	63.088
13.6673	2.99972	50	49.999	50.001	29.22	0.297	0.010597	15785	7.362	62.091
13.6627	2.99414	50.003	49.997	49.997	29.26	0.307	0.020014	15785	4.596	70.318
13.6955	3.00732	50	49.998	49.999	28.54	0.3	0.037799	15785	2.444	79.704
13.6574	3.00003	50.002	49.995	49.996	27.15	0.331	0.009687	15785	2.393	80.449
13.6902	2.99679	50	49.997	50.003	24.88	0.33	0.018295	15785	2.171	80.961
13.6932	3.0001	50.004	50	50.003	26.09	0.326	0.023034	15785	1.888	81.501
13.6598	2.99531	50.002	49.998	50.008	26.2	0.315	0.015053	15785	3.262	76.897
13.6781	3.00909	49.997	50.002	49.998	27.85	0.309	0.016723	15785	1.362	83.554
13.6548	2.99555	49.999	50.004	50.011	29.07	0.317	0.031583	15785	1.948	80.956
13.6855	2.99904	49.999	49.999	50.005	28.9	0.307	0.039765	15785	2.575	81.73
13.6599	3.00101	50.001	50.004	50.002	28.06	0.324	0.015286	15785	3.828	81.153
13.6373	2.99249	50.003	50.001	49.999	28.43	0.294	0.032718	15785	3.323	82.252
13.6548	2.99938	49.998	50.001	50.005	28.69	0.304	0.012577	15785	3.97	80.048
13.6715	3.00155	50	50.001	49.996	28.96	0.288	0.02692	15785	6.292	70.41
13.6896	2.99804	50	49.996	50	28.37	0.314	0.050842	15785	7.523	66.872
13.7255	3.01292	50.001	49.999	49.998	27.84	0.308	0.02215	15785	7.725	64.965
13.6386	2.99502	49.999	50.002	49.993	26.5	0.313	0.024607	15785	7.372	66.464
13.6954	3.006	50.002	50.001	49.999	26.51	0.329	0.027337	15785	6.877	63.794
13.678	3.00447	50.003	49.995	50.001	26.44	0.315	0.034419	15785	5.797	68.516
13.6946	3.00437	49.996	50	50.003	27.43	0.314	0.038238	15785	2.818	79.765
13.6767	2.99802	50.001	49.998	49.997	29.22	0.316	0.024988	15785	2.514	79.006

13.6564	2.99597	50.007	50	50	28.83	0.305	0.031462	15785	2.373	77.532
13.6691	3.00293	49.999	50.002	50.002	29	0.311	0.059419	15785	1.867	78.958
13.6741	3.00599	50.002	50.009	50.002	29.2	0.307	0.022841	15785	1.402	79.305
13.6775	3.00138	49.999	50.006	50.003	29.57	0.305	0.016917	15785	2.979	72.853
13.6559	2.99783	49.997	49.998	50.002	29.29	0.313	0.018794	15785	1.119	79.501
13.6805	3.00155	49.999	50	49.996	29.17	0.302	0.035494	15785	0.553	82.886
13.6486	3.00152	50.008	50	50.002	29.24	0.319	0.026288	15785	0.108	80.276
13.6845	3.00575	49.999	49.998	49.998	29.16	0.315	0.017179	15785	0.087	79.48
13.6329	2.99352	50.004	49.997	49.994	29.91	0.322	0.032444	15785	3.525	64.336
13.6982	3.00338	49.992	49.998	49.999	29.89	0.324	0.069444	15785	1.402	71.598
13.6837	3.00026	49.999	50	50.003	29.43	0.309	0.026695	15785	-1.836	82.161
13.6842	2.99981	50.008	49.999	50.002	29.91	0.319	0.029656	15785	1.069	69.585
13.6908	2.99885	50	50.002	50.003	29.71	0.321	0.037339	15785	1.058	80.938
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13.6692	3.00322	50.006	50.001	50	28.97	0.304	0.027108	15785	6.09	62.101
13.6624	2.99602	49.999	50.004	50.001	28.54	0.304	0.017715	15785	6.009	58.146
13.6776	3.0061	50.001	50.007	50.004	29.2	0.285	0.056877	15785	8.32	51.888
13.6839	3.00515	49.998	50.003	50.008	29.43	0.306	0.021864	15785	9.187	49.143
13.6693	2.99636	49.999	49.998	50.004	29.88	0.307	0.016193	15785	8.451	51.483
13.6965	3.00634	50	50.005	50.001	29.62	0.3	0.030582	15785	8.31	52.068
13.6982	3.00715	50.001	50.003	50.001	29.28	0.315	0.033975	15785	6.897	59.69
13.6511	2.99138	49.999	49.997	50.001	29.82	0.301	0.022203	15785	5.807	65.121
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13.6632	2.99203	49.999	50.007	50.006	29.21	0.309	0.023001	15785	3.242	79.192
13.6802	3.00208	50.005	49.997	49.992	29.68	0.311	0.043439	15785	1.908	81.598
13.6659	3.00475	49.998	50.005	50.001	29.54	0.315	0.028387	15785	0.856	85.95
13.6693	2.99622	50.004	49.994	49.999	29.36	0.306	0.031537	15785	-0.196	84.766
13.6693	2.99503	49.999	49.994	49.996	29.24	0.312	0.023357	15785	-0.611	83.598
13.6679	2.99554	49.998	50.003	50.003	29.46	0.322	0.025948	15785	-1.117	84.01
13.6907	2.99899	50.002	49.999	50.005	29.27	0.32	0.028827	15785	-1.896	85.137
13.6581	2.9938	50.007	49.999	49.998	29.2	0.298	0.018838	15785	-2.281	86.443
13.6991	3.00615	50.005	50	49.993	29.27	0.32	0.020928	15785	-2.717	88.543
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13.6869	3.00046	50	50	50.002	28.09	0.299	0.032372	15785	7.674	52.46

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Pbar, Atm	Frequency

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0.981	266.520499
0.981	266.04475
0.98	266.04574

0.979	266.045855
0.977	266.045751
0.976	266.045643
0.976	266.045733
0.976	266.045213
0.976	266.044974
0.975	266.044635
0.974	266.044207
0.972	266.043874
0.971	266.043432
0.97	266.043221
0.97	266.042902
0.968	266.042551
0.971	266.041937
0.969	266.041423
0.968	266.041034
0.969	266.040618
0.968	266.03996
0.969	266.039253
0.969	266.038665
0.97	266.038092
0.969	266.037331
0.971	266.036423
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0.969	266.035337
0.97	266.034441
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0.971	266.032166
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0.97	266.029812
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0.982	265.98912

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0.985	265.922631

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0.982	265.876921
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0.982	265.874578
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0.984	265.871678
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0.983	265.870481
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0.988	265.859772
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0.991	265.85262
0.989	265.852367
0.991	265.852115
0.991	265.851756
0.991	265.851452
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0.99	265.849112
0.991	265.848408
0.989	265.847758
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0.988	265.844461
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0.986	265.842726
0.985	265.841998
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0.986	265.838026
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0.988	265.833054
0.988	265.832117
0.985	265.83126
0.986	265.830295
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0.988	265.827932
0.989	265.8269
0.992	265.825757
0.992	265.824651

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0.995	265.822869
0.996	265.822243
0.995	265.821726
0.997	265.821156
0.997	265.820539
0.999	265.820028
1	265.819638
0.998	265.819312
0.999	265.818915
1	265.818594
1.001	265.818254
1	265.818016
1.001	265.81772
1.001	265.817451
1	265.816917
0.999	265.816706
0.999	265.816454
0.999	265.816145
0.998	265.815761
0.997	265.815512
0.999	265.815204
0.997	265.81456
0.998	265.813575
0.997	265.812684
0.997	265.811629
0.995	265.810789
0.995	265.81034
0.995	265.80993
0.996	265.809424
0.995	265.808944
0.994	265.808466
0.993	265.808169
0.992	265.807387
0.991	265.807383
0.988	265.806981

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0.992	265.736945
0.993	265.736367
0.992	265.735671
0.993	265.734916
0.991	265.734408
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0.989	265.732914
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0.984	265.730106
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0.981	265.728667
0.98	265.727743

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0.977	265.725152
0.976	265.724631
0.974	265.724196
0.973	265.723853
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0.971	265.722905
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0.976	265.71563
0.977	265.715493
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0.976	265.71531
0.977	265.715308
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0.977	265.715276
0.976	265.715298
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0.98	265.711171
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0.981	265.709882
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0.981	265.708407
0.981	265.707938
0.98	265.707702
0.983	265.707366
0.983	265.706942
0.983	265.706646
0.984	265.706324
0.986	265.705569
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0.988	265.702954

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0.989	265.701811
0.986	265.701586
0.986	265.701284
0.988	265.70113
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0.986	265.697577
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0.985	265.696568
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0.985	265.693905
0.985	265.693132
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0.984	265.690076
0.986	265.689027
0.983	265.688177
0.985	265.687404
0.983	265.686602

0.984	265.685491
0.985	265.68449
0.986	265.683372
0.984	265.682796
0.984	265.682146
0.986	265.681867
0.985	265.681369

The GFI was popped on south unit, looks like only 11 hours of data on Toem and Paristol. I reset circuit and couldn't find a problem.

Believed TEOM blew over ~1:00 PM when the wind spiked to 59 MPH

0

GREG PLANNING on changing out the filter it is at 74%