

Heat Loads - Schiller Station

Timeframe:		11/30/1990 - 2/28/2010							8/31/1996 - 2/28/2010						
		# of times Avg Flow is w/in 15% of Daily Max	# of times Avg Flow is w/in 10% of Daily Max	# times Avg Flow is w/in 5% of Daily max	% of measured	% of measured	% of measured		# of times Avg Flow is w/in 15% of Daily Max	# of times Avg Flow is w/in 10% of Daily Max	# times Avg Flow is w/in 5% of Daily max	% of measured	% of measured	% of measured	
Outfall	# Flow measurements							# Flow measurements							
1	151	140	140	140	92.7%	92.7%	92.7%	84	84	84	84	100.0%	100.0%	100.0%	
2	228	147	141	123	64.5%	61.8%	53.9%	161	139	136	122	86.3%	84.5%	75.8%	
3	229	148	138	114	64.6%	60.3%	49.8%	162	139	131	110	85.8%	80.9%	67.9%	
4	230	170	159	135	73.9%	69.1%	58.7%	163	145	139	121	89.0%	85.3%	74.2%	

MP Date	DMR Rec'd Date	Outfall 001							
					Temp. diff. between intake and discharge (deg F)				
		Flow, in conduit or thru treatment plant (MGD)					Temperature, water (def. F)		
		No Discharge	40.0 Monthly Average	40.0 Daily Maximum	No Discharge	25.0 Daily Maxim	No Discharge	95.0 Daily Maximu	Heat Load (BTU/day)
11/30/1990	12/25/1990		11.0	38.9		22.0		72.5	7,137,372,000
12/31/1990	1/25/1991		0.3	8.1		17.0		55.5	1,148,418,000
1/31/1991	2/25/1991		1.3	22.7		17.0		58.5	3,218,406,000
2/28/1991	3/25/1991		1.4	17.8		17.0		56.0	2,523,684,000
3/31/1991	4/25/1991		0.2	0.2	C				0
4/30/1991	5/25/1991		0.4	0.4	C		C		0
5/31/1991	6/25/1991		3.0	23.0		18.0		82.0	3,452,760,000
6/30/1991	7/25/1991		6.0	28.0		22.0		85.0	5,137,440,000
7/31/1991	8/25/1991		3.0	23.0		20.0		88.0	3,836,400,000
8/31/1991	9/25/1991		10.0	28.0		20.0		89.0	4,670,400,000
9/30/1991	10/25/1991		4.0	26.0		20.0		84.0	4,336,800,000
10/31/1991	11/25/1991		0.2	0.2	C		C		0
11/30/1991	12/25/1991		1.0	23.0		16.0		64.0	3,069,120,000
12/31/1991	1/25/1992		6.0	24.0		16.0		63.0	3,202,560,000
1/31/1992	2/25/1992		39.0	39.0	G		G		0
2/29/1992	3/25/1992		38.9	38.9	9		9		0
3/31/1992	4/25/1992		39.0	39.0	G		G		0
4/30/1992	5/25/1992		39.0	39.0	G		G		0
5/31/1992	6/25/1992		39.0	39.0	G		G		0
6/30/1992	7/25/1992		38.9	38.9	9		9		0
7/31/1992	8/25/1992		38.9	38.9	9		9		0
8/31/1992	9/25/1992		39.0	39.0	E		E		0
9/30/1992	10/25/1992		39.0	39.0	E		E		0
10/31/1992	11/25/1992		38.9	38.9	E		E		0
11/30/1992	12/25/1992		39.0	39.0	C		C		0
12/31/1992	1/25/1993		39.0	39.0	C		C		0
1/31/1993	2/25/1993		1.0	1.0	C		C		0
2/28/1993	3/25/1993		1.2	1.2	C		C		0
3/31/1993	4/25/1993		1.0	1.0	C		C		0
4/30/1993	5/25/1993		1.2	1.2	C		C		0
5/31/1993	6/25/1993		0.9	0.9	C		C		0
6/30/1993	7/25/1993		1.5	1.5	C		C		0
7/31/1993	8/25/1993		2.1	2.1	C		C		0
8/31/1993	9/25/1993		1.4	1.4	C		C		0
9/30/1993	10/25/1993		1.0	1.0	C		C		0
10/31/1993	11/25/1993		1.0	1.0	C		C		0
11/30/1993	4/29/2005		1.2	1.2	9		9		0
12/31/1993	1/25/1994		1.1	1.1	C		C		0
1/31/1994	2/25/1994		0.9	0.9	C		C		0
2/28/1994	3/25/1994		1.2	1.2	C		C		0
3/31/1994	4/25/1994		1.2	1.2	C		C		0
4/30/1994	5/25/1994		0.5	0.5	C		C		0
5/31/1994	6/25/1994		1.0	1.0	C		C		0
6/30/1994	7/25/1994		0.8	0.8	C		C		0
7/31/1994	8/25/1994		1.1	1.1	C		C		0
8/31/1994	9/25/1994		1.0	1.0	C		C		0
9/30/1994	10/25/1994		1.2	1.2	C		C		0
10/31/1994	11/25/1994		1.2	1.2	C		C		0
11/30/1994	12/25/1994		1.1	1.1	C				0
12/31/1994	1/25/1995		1.2	1.2	C		C		0
1/31/1995	2/25/1995		1.2	1.2	C		C		0
2/28/1995	3/25/1995		1.4	1.4	C		C		0
3/31/1995	4/25/1995		1.0	1.0	C		C		0
4/30/1995	5/25/1995		1.2	1.2	C		C		0
5/31/1995	6/25/1995		1.5	1.5	C		C		0
6/30/1995	7/25/1995		1.5	1.5	C		C		0
7/31/1995	8/25/1995		1.4	1.4	C		C		0
8/31/1995	9/25/1995		1.4	1.4	C		C		0
9/30/1995	10/25/1995		0.9	0.9	C		C		0
10/31/1995	11/25/1995		1.2	1.2	C		C		0
11/30/1995	12/25/1995		1.2	1.2	C		C		0
12/31/1995	1/25/1996		1.2	1.2	C		C		0
1/31/1996	2/25/1996		1.2	1.2	C		C		0
2/29/1996	3/25/1996		1.1	1.1	C		C		0
3/31/1996	4/25/1996		1.0	1.0	C		C		0
4/30/1996	5/20/1996		1.1	1.1	C		C		0
5/31/1996	6/25/1996		1.2	1.2	C		C		0
6/30/1996	7/17/1996		1.2	1.2	C		C		0
7/31/1996	8/19/1996		1.5	1.5	C		C		0
8/31/1996	9/16/1996		1.5	1.5	C		C		0
9/30/1996	10/17/1996		1.5	1.5	C		C		0
10/31/1996	11/18/1996		1.2	1.2	C		C		0
11/30/1996	12/19/1996		1.2	1.2	C		C		0
12/31/1996	1/23/1997		1.2	1.2	C		C		0
1/31/1997	2/20/1997		1.2	1.2	C		C		0
2/28/1997	3/19/1997		1.2	1.2	C		C		0
3/31/1997	4/17/1997		1.2	1.2	C		C		0
4/30/1997	5/23/1997		1.2	1.2	C		C		0
5/31/1997	6/23/1997		1.0	1.0	C		C		0
6/30/1997	7/18/1997		1.2	1.2	C		C		0
7/31/1997	8/27/1997		2.1	2.1	C		C		0
8/31/1997	9/22/1997		2.0	2.0	C		C		0
9/30/1997	10/22/1997		1.0	1.0	C		C		0
10/31/1997	11/21/1997		1.1	1.1	C		C		0
11/30/1997	1/6/1998		0.5	0.5	C		C		0
12/31/1997	2/2/1998		1.1	1.1	C		C		0

1/31/1998	2/18/1998	5			C		C		0
2/28/1998	3/16/1998		1.4	1.4	C		C		0
3/31/1998	4/20/1998		1.5	1.5	C		C		0
4/30/1998	5/19/1998		1.5	1.5	C		C		0
5/31/1998	6/18/1998	C			C		C		0
6/30/1998	7/20/1998		1.0	1.0	C		C		0
7/31/1998	8/18/1998		1.2	1.2	C		C		0
8/31/1998	9/21/1998		1.2	1.2	C		C		0
9/30/1998	10/19/1998		1.2	1.2	C		C		0
10/31/1998	11/16/1998		1.0	1.0	C		C		0
11/30/1998	12/16/1998		1.2	1.2	C		C		0
12/31/1998	1/14/1999		1.1	1.1	C		C		0
1/31/1999	2/17/1999		1.2	1.2	C		C		0
2/28/1999	3/18/1999		1.5	1.5	C		C		0
3/31/1999	4/20/1999		1.2	1.2	C		C		0
4/30/1999	5/17/1999		1.2	1.2	C		C		0
5/31/1999	6/17/1999		1.1	1.1	C		C		0
6/30/1999	7/20/1999		1.1	1.1	C		C		0
7/31/1999	8/16/1999		1.2	1.2	C		C		0
8/31/1999	9/17/1999		1.2	1.2	C		C		0
9/30/1999	10/19/1999		0.5	0.5	C		C		0
10/31/1999	11/18/1999		0.8	0.8	C		C		0
11/30/1999	12/15/1999	9			9		9		0
12/31/1999	1/18/2000		1.0	1.0	C		C		0
1/31/2000	2/17/2000		1.0	1.0	C		C		0
2/29/2000	3/20/2000	C			C		C		0
3/31/2000	4/17/2000		0.5	0.5	C		C		0
4/30/2000	5/17/2000		0.5	0.5	9		9		0
5/31/2000	6/15/2000		1.5	1.5	9		9		0
6/30/2000	7/19/2000		1.0	1.0		8.0	9	66,720,000	0
7/31/2000	8/21/2000		1.0	1.0	9		9		0
8/31/2000	9/20/2000		1.0	1.0	9		9		0
9/30/2000	10/15/2000		1.1	1.1	9		9		0
10/31/2000	11/20/2000		1.1	1.1	9		9		0
11/30/2000	12/18/2000		1.2	1.2	9		9		0
12/31/2000	1/17/2001		0.5	0.5	9		9		0
1/31/2001	2/14/2001		1.1	1.1	2		2		0
2/28/2001	3/16/2001	2			2		2		0
3/31/2001	4/18/2001		1.1	1.1	2		2		0
4/30/2001	5/17/2001		1.0	1.0	2		2		0
5/31/2001	6/15/2001		1.0	1.0	2		2		0
6/30/2001	7/15/2001		0.5	0.5	9		2		0
7/31/2001	8/13/2001		0.4	0.4	2		2		0
8/31/2001	9/14/2001		1.5	1.5	2		2		0
9/30/2001	10/17/2001		1.5	1.5	2		2		0
10/31/2001	11/19/2001		1.5	1.5	2		2		0
11/30/2001	12/19/2001	2			2		2		0
12/31/2001	1/17/2002		0.5	0.5	2		2		0
1/31/2002	2/19/2002		1.0	1.0	2		2		0
2/28/2002	3/10/2002		1.2	1.2	2		2		0
3/31/2002	4/17/2002		1.5	1.5	2		2		0
4/30/2002	5/17/2002		1.0	1.0	2		2		0
5/31/2002	6/14/2002		1.0	1.0	2		2		0
6/30/2002	7/17/2002		1.5	1.5	2		2		0
7/31/2002	8/13/2002		1.2	1.2	2		2		0
8/31/2002	9/22/2002		1.0	1.0	2		2		0
9/30/2002	10/18/2002		0.5	0.5	2		2		0

10/31/2002	11/18/2002		0.9	0.9	2		2		0
11/30/2002	12/9/2002		1.2	1.2	2		2		0
12/31/2002	1/23/2003		0.8	0.8	2		2		0
1/31/2003	2/14/2003		1.2	1.2	2		2		0
2/28/2003	3/15/2003	5			2		2		0
3/31/2003	4/21/2003		1.0	1.0	2		2		0
4/30/2003	5/15/2003		1.2	1.2	2		2		0
5/31/2003	6/18/2003		1.0	1.0	2		2		0
6/30/2003	7/17/2003		1.0	1.0	2		2		0
7/31/2003	8/18/2003	C			C		C		0
8/31/2003	9/18/2003	C			C		C		0
9/30/2003	10/17/2003		0.2	0.2	2		2		0
10/31/2003	11/17/2003	C			C		C		0
11/30/2003	12/15/2003	C			C		C		0
12/31/2003	1/20/2004	C			C		C		0
1/31/2004	2/17/2004	C			C		C		0
2/29/2004	3/17/2004	C			C		C		0
3/31/2004	4/15/2004	C			C		C		0
4/30/2004	5/17/2004	C			C		C		0
5/31/2004	6/18/2004	C			C		C		0
6/30/2004	7/15/2004	C			C		C		0
7/31/2004	8/13/2004	C			C		C		0
8/31/2004	9/13/2004	C			C		C		0
9/30/2004	10/15/2004	C			C		C		0
10/31/2004	11/19/2004	C			C		C		0
11/30/2004	12/17/2004	C			C		C		0
12/31/2004	1/18/2005	C			C		C		0
1/31/2005	2/18/2005	C			C		C		0
2/28/2005	3/22/2005	C			C		C		0
3/31/2005	4/18/2005	C			C		C		0
4/30/2005	5/18/2005	C			C		C		0
5/31/2005	6/22/2005	C			C		C		0
6/30/2005	7/19/2005	C			C		C		0
7/31/2005	8/18/2005	C			C		C		0
8/31/2005	9/19/2005	C			C		C		0
9/30/2005	10/18/2005	C			C		C		0
10/31/2005	11/18/2005	C			C		C		0
11/30/2005	12/20/2005	C			C		C		0
12/31/2005	1/15/2006	C			C		C		0
1/31/2006	2/17/2006	C			C		C		0
2/28/2006	3/16/2006	C			C		C		0
3/31/2006	4/14/2006	C			C		C		0
4/30/2006	5/17/2006	C			C		C		0
5/31/2006	6/19/2006	C			C		C		0
6/30/2006	7/19/2006	C			C		C		0
7/31/2006	8/18/2006	C			C		C		0
8/31/2006	9/18/2006	C			C		C		0
9/30/2006	10/18/2006		0.0	0.0	2		2		0
10/31/2006	11/16/2006	C			C		C		0
11/30/2006	12/11/2006	C			C		C		0
12/31/2006	1/18/2007	C			C		C		0
1/31/2007	2/20/2007	C			C		C		0
2/28/2007	3/19/2007	C			C		C		0
3/31/2007	4/16/2007	C			C		C		0
4/30/2007	5/15/2007	C			C		C		0
5/31/2007	6/15/2007	C			C		C		0
6/30/2007	7/16/2007	C			C		C		0
7/31/2007	8/15/2007	C			C		C		0
8/31/2007	9/13/2007	C			C		C		0
9/30/2007	10/15/2007	C			C		C		0
10/31/2007	11/15/2007	C			C		C		0
11/30/2007	12/13/2007	C			C		C		0
12/31/2007	1/15/2008	C			C		C		0
1/31/2008	2/15/2008	C			C		C		0
2/29/2008	3/14/2008	C			C		C		0
3/31/2008	4/15/2008	C			C		C		0
4/30/2008	5/15/2008	C			C		C		0
5/31/2008	6/16/2008		0.0	0.0	2		2		0
6/30/2008	7/15/2008	C			C		C		0
7/31/2008	8/15/2008		0.0	0.0	2		2		0
8/31/2008	9/12/2008	C			C		C		0
9/30/2008	10/14/2008		0.0	0.0	2		2		0
10/31/2008	11/14/2008		0.0	0.0	2		2		0
11/30/2008	12/15/2008	C			C		C		0
12/31/2008	1/14/2009	C			C		C		0
1/31/2009	2/13/2009	C			C		C		0
2/28/2009	3/13/2009	C			C		C		0
3/31/2009	4/15/2009	C			C		C		0
4/30/2009	5/15/2009	C			C		C		0
5/31/2009	6/12/2009	C			C		C		0
6/30/2009	7/14/2009	C			C		C		0
7/31/2009	8/14/2009	C			C		C		0
8/31/2009	9/15/2009	C			C		C		0
9/30/2009	10/8/2009	C			C		C		0
10/31/2009	11/13/2009	C			C		C		0
11/30/2009	12/15/2009	C			C		C		0
12/31/2009	1/15/2010	C			C		C		0
1/31/2010	2/8/2010	C			C		C		0
2/28/2010									0
Average			4.3	5.7		17.8		72.5	180,172,759
Minimum			0.0	0.01		8.0		55.5	0
Maximum			39.0	39		22.0		89.0	7,137,372,000
# Exceedences			0	0		0		0	
Values at limit			0	0		0		0	

Outfall 002							Outfall 003						
Flow, in conduit or thru treatment plant (MGD)			Temp. diff. between intake and discharge (deg F)		Temperature, water (def. F)		Heat Load (BTU/day)	Flow, in conduit or thru treatment plant (MGD)			Temp. diff. between intake and discharge (deg F)		Heat Load (BTU/day)
No Discharge	43.5	52.2	No Discharge	25.0	No Discharge	95.0		No Discharge	50.2	50.2	No Discharge	25.0	
Monthly Ave	Daily Maximum		Daily Maximum		Daily Maximum			Monthly Ave	Daily Maximum		Daily Maximum		
	33.2	43.5		24.0		77.5	8,706,960,000		31.4	41.8		24.0	
	26.5	43.5		23.0		71.5	8,344,170,000		23.2	36.5		24.5	
	29.8	43.5		24.5		70.0	8,888,355,000		30.8	41.8		24.5	
	25.6	43.5		22.0		65.5	7,981,380,000		23.4	41.8		23.0	
	14.1	43.5		21.0		67.0	7,618,590,000		9.8	29.6		24.0	
	3.8	31.6		20.0		72.0	5,270,880,000		9.2	41.8		23.0	
	12.6	36.7		22.0		90.0	6,733,716,000		12.9	34.8		24.0	
	26.7	43.5		25.0		94.0	9,069,750,000		4.8	31.3		24.0	
	15.2	43.5		24.0		94.0	8,706,960,000		10.1	40.0		23.0	
	32.6	43.5		25.0		95.0	9,069,750,000		24.5	41.8		23.0	
	22.3	43.5		24.0		91.0	8,706,960,000		13.0	40.0		23.0	
	6.9	38.4		25.0		84.0	8,006,400,000		8.1	36.5		20.0	
	21.3	43.5		25.0		78.0	9,069,750,000		18.7	41.8		22.0	
	24.6	43.5		25.0		72.0	9,069,750,000		22.7	41.8		24.0	
	25.3	43.5		25.0		66.0	9,069,750,000		27.9	41.8		22.0	
	25.6	43.5		25.0		63.0	9,069,750,000		23.3	41.8		23.0	
	29.1	43.5		24.0		66.0	8,706,960,000		28.2	41.8		22.0	
	9.2	43.5		24.0		66.0	8,706,960,000		13.3	41.8		22.0	
	8.1	43.5		24.0		76.0	8,706,960,000		15.3	41.8		23.0	
	0.8	24.8		12.0		74.0	2,481,984,000		25.4	41.8		20.0	
	13.6	43.5		24.0		92.0	8,706,960,000		23.1	41.8		24.0	
	13.8	35.0		25.0		92.0	7,297,500,000		17.4	34.8		22.0	
	22.7	43.5		25.0		86.0	9,069,750,000		20.1	41.8		24.0	
	41.1	43.5		25.0		80.0	9,069,750,000		3.0	41.8		26.0	
	35.1	43.5		25.0		76.0	9,069,750,000		32.6	41.8		24.0	
	30.3	43.5		25.0		71.0	9,069,750,000		29.2	41.8		25.0	
	27.1	43.5		25.0		64.0	9,069,750,000		23.9	41.8		24.0	
	38.2	43.5		24.0		62.0	8,706,960,000		29.8	41.8		22.0	
	27.7	43.5		24.0		59.0	8,706,960,000		23.1	41.8		21.0	
	11.7	43.5		24.0		69.0	8,706,960,000		20.4	41.8		22.0	
	20.7	43.5		24.0		81.0	8,706,960,000		23.0	41.8		23.0	
	22.5	43.5		24.0		87.0	8,706,960,000		24.3	41.8		22.0	
	21.0	43.5		24.0		91.0	8,706,960,000		24.0	41.8		24.0	
	29.5	43.5		25.0		94.0	9,069,750,000		30.8	41.8		24.0	
	36.7	43.5		25.0		88.0	9,069,750,000		36.2	41.8		24.0	
	40.3	43.5		25.0		82.0	9,069,750,000		40.2	41.8		24.0	
	17.5	33.3		25.0		74.0	6,943,050,000		19.7	41.8		24.0	
	9.5	43.5		25.0		67.0	9,069,750,000		24.8	41.8		24.0	
	34.1	43.5		25.0		64.0	9,069,750,000		40.3	41.8		25.0	
	31.2	43.5		25.0		63.0	9,069,750,000		41.0	41.8		24.0	
	13.1	43.5		25.0		62.0	9,069,750,000		24.5	41.8		24.0	
	25.3	43.5		24.0		74.0	8,706,960,000		29.8	41.8		22.0	
	25.0	43.5		24.0		81.0	8,706,960,000		23.1	41.8		20.0	
	33.1	43.5		24.0		91.0	8,706,960,000		31.4	41.8		23.0	
	33.8	43.5		24.0		94.0	8,706,960,000		39.1	41.8		24.0	
	19.0	43.5		25.0		93.0	9,069,750,000		26.8	41.8		22.0	
	18.7	33.3		22.0		82.0	6,109,884,000		16.8	38.3		23.0	
	26.8	43.5		21.0		78.0	7,618,590,000		22.8	41.8		24.0	
	35.5	43.5		21.0		76.0	7,618,590,000		24.1	41.8		24.0	
	34.2	43.5		22.0		67.0	7,981,380,000		24.4	41.8		24.0	
	38.9	43.5		24.0		64.0	8,706,960,000		24.7	41.8		25.0	
	43.5	43.5		24.0		63.0	8,706,960,000		40.2	41.8		24.0	
	35.8	43.5		22.0		64.0	7,981,380,000		24.6	41.8		22.0	
	40.6	43.5		24.0		72.0	8,706,960,000		39.3	41.8		24.0	
	29.7	43.5		24.0		78.0	8,706,960,000		29.8	41.8		25.0	
	31.3	43.5		24.0		90.0	8,706,960,000		27.9	41.8		25.0	
	39.4	43.5		25.0		95.0	9,069,750,000		34.2	41.8		25.0	
	19.2	43.5		25.0		95.0	9,069,750,000		21.7	41.8		27.0	
	17.6	31.6		25.0		90.0	6,588,600,000		1.3	24.4		23.0	
	11.5	38.4		24.0		83.0	7,686,144,000		3.7	31.3		24.0	
	29.7	43.5		25.0		77.0	9,069,750,000		25.4	41.8		24.0	
	36.7	43.5		25.0		70.0	9,069,750,000		38.9	41.8		24.0	
	37.4	43.5		24.0		65.0	8,706,960,000		35.3	41.8		26.0	
	28.2	43.5		23.0		61.0	8,344,170,000		37.5	41.8		24.0	
	28.7	43.5		24.0		66.0	8,706,960,000		32.7	41.8		24.0	
	17.8	43.5		24.0		70.0	8,706,960,000		32.5	41.8		25.0	
	26.8	43.5		23.0		81.0	8,344,170,000		27.7	41.8		24.0	
	29.1	43.5		25.0		88.0	9,069,750,000		25.9	41.8		23.0	
	25.4	43.5		24.0		93.0	8,706,960,000		25.3	41.8		25.0	
	40.9	43.5		25.0		93.0	9,069,750,000		38.8	41.8		24.0	
	38.9	43.5		26.0		92.0	9,432,540,000		35.1	41.8		23.0	
	40.8	40.8		25.0		84.0	8,506,800,000		41.8	41.8		25.0	
	40.8	40.8		25.0		82.0	8,506,800,000		41.8	41.8		25.0	
	38.3	40.8		24.0		70.0	8,166,528,000		41.6	41.8		24.0	
	40.6	40.8		25.0		66.0	8,506,800,000		40.9	42.8		24.0	
	40.8	40.8		24.0		65.0	8,166,528,000		41.8	41.8		23.0	
	40.3	40.8		24.0		64.0	8,166,528,000		40.5	41.8		23.0	
	38.9	40.8		24.0		69.0	8,166,528,000		41.8	41.8		22.0	
	39.5	40.8		24.0		76.0	8,166,528,000		41.8	41.8		24.0	
	40.8	40.8		25.0		91.0	8,506,800,000		41.8	41.8		25.0	
	40.8	40.8		25.0		95.0	8,506,800,000		41.8	41.8		25.0	
	40.3	40.8		25.0		92.0	8,506,800,000		41.8	41.8		24.0	
	39.7	40.8		25.0		91.0	8,506,800,000		39.6	41.8		22.0	
	40.5	40.8		25.0		80.0	8,506,800,000		41.0	41.8		23.0	
	39.3	40.8		25.0		77.0	8,506,800,000		41.4	41.8		25.0	
	40.8	40.8		25.0		71.0	8,506,800,000		40.4	41.8		25.0	

	40.1	40.8		25.0		66.0	8,506,800,000		40.9	41.8		25.0
	38.6	40.8		24.0		62.0	8,166,528,000		37.3	41.8		24.0
	37.3	40.8		25.0		70.0	8,506,800,000		40.8	41.8		22.0
	40.8	40.8		25.0		75.0	8,506,800,000		41.4	41.8		25.0
	40.8	40.8		25.0		85.0	8,506,800,000		41.8	41.8		25.0
	39.9	40.8		25.0		90.0	8,506,800,000		41.8	41.8		24.0
	40.8	40.8		25.0		90.0	8,506,800,000		41.8	41.8		25.0
9				25.0		92.0	0		40.8	41.8		25.0
	40.8	40.8		25.0		92.0	8,506,800,000		41.3	41.8		25.0
	40.8	40.8		25.0		77.0	8,506,800,000		41.4	41.8		24.0
	40.8	40.8		25.0		75.0	8,506,800,000		39.7	41.8		25.0
	40.0	40.8		25.0		71.0	8,506,800,000		41.8	41.8		25.0
	40.8	40.8		25.0		65.0	8,506,800,000		41.4	41.8		25.0
	40.8	40.8		25.0		63.0	8,506,800,000		41.2	41.8		26.0
	40.8	40.8		25.0		68.0	8,506,800,000		41.4	41.8		24.0
	40.8	40.8		24.0		74.0	8,166,528,000		41.8	41.8		25.0
	26.3	40.8		24.0		80.0	8,166,528,000		35.7	41.8		25.0
	40.8	40.8		24.0		91.0	8,166,528,000		13.8	41.8		25.0
	40.8	40.8		24.0		92.0	8,166,528,000		41.8	41.8		25.0
	40.8	40.8		25.0		93.0	8,506,800,000		41.8	41.8		25.0
	40.2	40.8		25.0		93.0	8,506,800,000		39.6	41.8		24.0
	39.7	40.8		24.0		85.0	8,166,528,000		41.8	41.8		25.0
C			C		C		0		41.4	41.8		24.0
	39.6	40.8		24.0		71.0	8,166,528,000		41.8	41.8		24.0
	40.8	40.8		25.0		67.0	8,506,800,000		41.0	41.8		25.0
	40.8	40.8		24.0		63.0	8,166,528,000		39.2	41.8		25.0
	37.2	40.8		24.0		66.0	8,166,528,000		32.3	41.8		21.0
	9.2	40.8		23.0		69.0	7,826,256,000		29.7	41.8		17.0
	40.1	40.8		20.0		81.0	6,805,440,000		39.1	41.8		25.0
	40.8	40.8		22.0		85.0	7,485,984,000		35.1	41.8		22.0
	29.8	40.8		21.0		88.0	7,145,712,000		36.3	41.8		22.0
	37.5	40.8		23.0		91.0	7,826,256,000		35.5	41.8		22.0
	40.8	40.8		22.0		89.0	7,485,984,000		41.8	41.8		22.0
	39.3	40.8		22.0		78.0	7,485,984,000		41.8	41.8		23.0
	40.8	40.8		23.0		76.0	7,826,256,000		38.0	41.8		24.0
C			C		C		0		40.1	41.8		25.0
	40.8	40.8		21.0		61.0	7,145,712,000		40.7	41.8		22.0
	40.8	40.8		19.0		58.0	6,465,168,000		34.3	41.8		25.0
	40.8	40.8		20.0		62.0	6,805,440,000	C			C	
	8.6	40.8		20.0		62.0	6,805,440,000		33.6	41.8		30.0
	33.0	40.8		21.0		79.0	7,145,712,000		41.8	41.8		22.0
	40.8	40.8		23.0		91.0	7,826,256,000		41.8	41.8		22.0
	37.6	40.8		24.0		90.0	8,166,528,000		41.8	41.8		24.0
	39.4	40.8		24.0		93.0	8,166,528,000		41.8	41.8		24.0
	40.8	40.8		24.0		90.0	8,166,528,000		39.3	41.8		25.0
	38.1	40.8		24.0		85.0	8,166,528,000		41.8	41.8		25.0
	40.8	40.8		24.0		75.0	8,166,528,000		41.8	41.8		24.0
	40.8	40.8		2.0		72.0	680,544,000		39.1	41.8		25.0
	40.8	40.8		25.0		68.0	8,506,800,000		38.9	41.8		25.0
	40.8	40.8		24.0		66.0	8,166,528,000		31.0	41.8		24.0
	37.1	40.8		25.0		67.0	8,506,800,000		17.8	41.8		21.0
	29.6	40.8		22.0		75.0	7,485,984,000		41.8	41.8		22.0
	40.8	40.8		24.0		83.0	8,166,528,000		37.5	41.8		23.0
	40.8	40.8		24.0		90.0	8,166,528,000		41.8	41.8		24.0
	40.8	40.8		24.0		93.0	8,166,528,000		39.8	41.8		24.0
	40.8	40.8		24.0		95.0	8,166,528,000		41.8	41.8		23.0
	13.6	40.8		24.0		91.0	8,166,528,000		37.2	41.8		23.0

	27.6	40.8		24.0		82.0	8,166,528,000		41.8	41.8		22.0
	40.8	40.8		24.0		75.0	8,166,528,000		41.8	41.8		27.0
	40.8	40.8		25.0		71.0	8,506,800,000		40.1	41.8		25.0
	40.8	40.8		24.0		63.0	8,166,528,000		41.8	41.8		24.0
	40.8	40.8		23.0		58.0	7,826,256,000		31.4	41.8		22.0
	9.2	40.8		23.0		58.0	7,826,256,000		32.4	41.8		22.0
	31.5	40.8		20.0		71.0	6,805,440,000		41.8	41.8		24.0
	40.8	40.8		24.0		80.0	8,166,528,000		31.0	41.8		25.0
	40.8	40.8		23.0		90.0	7,826,256,000		38.1	41.8		24.0
	40.8	40.8		24.0		92.0	8,166,528,000		41.8	41.8		23.0
	38.2	40.8		24.0		93.0	8,166,528,000		41.8	41.8		23.0
	40.8	40.8		24.0		89.0	8,166,528,000		41.8	41.8		24.0
	40.8	40.8		25.0		85.0	8,506,800,000		41.8	41.8		25.0
	38.6	40.8		25.0		77.0	8,506,800,000		41.8	41.8		25.0
	40.8	40.8		24.0		69.0	8,166,528,000		41.8	41.8		29.0
	40.8	40.8		22.0		66.0	7,485,984,000		41.8	41.8		23.0
	40.8	40.8		23.0		61.0	7,826,256,000		41.8	41.8		24.0
	40.8	40.8		22.0		65.0	7,485,984,000		40.0	41.8		24.0
	8.4	40.8		22.0		64.0	7,485,984,000		41.8	41.8		27.0
	23.9	40.8		25.0		84.0	8,506,800,000		40.6	41.8		25.0
	40.8	40.8		24.0		87.0	8,166,528,000		41.8	41.8		24.0
	40.8	40.8		24.0		92.0	8,166,528,000		41.8	41.8		25.0
	40.8	40.8		24.0		92.0	8,166,528,000		41.8	41.8		24.0
	40.8	40.8		24.0		91.0	8,166,528,000		41.8	41.8		22.0
	40.8	40.8		24.0		84.0	8,166,528,000		41.8	41.8		23.0
	39.5	40.8		25.0		74.0	8,506,800,000		36.3	41.8		30.0
	40.8	40.8		23.0		71.0	7,826,256,000		39.4	41.8		24.0
	40.8	40.8		23.0		66.0	7,826,256,000		41.8	41.8		24.0
	40.8	40.8		22.0		64.0	7,485,984,000		38.4	41.8		23.0
	40.8	40.8		24.0		66.0	8,166,528,000		40.3	41.8		28.0
	15.0	40.8		24.0		69.0	8,166,528,000		41.8	41.8		25.0
	38.5	40.8		22.0		78.0	7,485,984,000		41.8	41.8		27.0
	40.8	40.8		23.0		91.0	7,826,256,000		41.8	41.8		25.0
	40.8	40.8		23.0		93.0	7,826,256,000		41.8	41.8		25.0
	40.8	40.8		24.0		95.0	8,166,528,000		41.8	41.8		27.0
	40.8	40.8		21.0		89.0	7,145,712,000		41.8	41.8		25.0
	40.8	40.8		22.0		82.0	7,485,984,000		41.8	41.8		25.0
	40.8	40.8		25.0		76.0	8,506,800,000		41.8	41.8		31.0
	33.2	40.8		22.0		71.0	7,485,984,000		41.8	41.8		24.0
	36.7	40.8		22.0		65.0	7,485,984,000		39.0	41.8		25.0
	40.8	40.8		21.0		62.0	7,145,712,000		39.6	41.8		25.0
	40.8	40.8		24.0		65.0	8,166,528,000		41.8	41.8		25.0
	40.8	40.8		22.0		73.0	7,485,984,000		23.8	41.8		25.0
	39.5	40.8		22.0		82.0	7,485,984,000	C			C	
	40.8	40.8		21.0		90.0	7,145,712,000		41.8	41.8		14.0
	40.8	40.8		25.0		93.0	8,506,800,000		36.6	43.0		15.0
	40.8	40.8		22.0		93.0	7,485,984,000		41.8	41.8		10.0
	40.8	40.8		24.0		92.0	8,166,528,000		20.9	41.8		22.0
	19.7	40.8		24.0		83.0	8,166,528,000		41.8	41.8		25.0
	19.0	40.8		24.0		75.0	8,166,528,000		41.8	41.8		21.0
	40.8	40.8		23.0		73.0	7,826,256,000		41.8	41.8		21.0
	40.8	40.8		23.0		69.0	7,826,256,000		41.8	41.8		22.0
	40.8	40.8		23.0		62.0	7,826,256,000		41.8	41.8		21.0
	38.1	40.8		23.0		63.0	7,826,256,000		41.8	41.8		23.0
	40.8	40.8		23.0		73.0	7,826,256,000		34.1	41.8		22.0
	40.8	40.8		23.0		82.0	7,826,256,000		41.8	41.8		22.0
	40.8	40.8		22.0		88.0	7,485,984,000		41.8	41.8		22.0
	40.8	40.8		21.0		92.0	7,145,712,000		41.8	41.8		24.0
	40.8	40.8		24.0		94.0	8,166,528,000		41.8	41.8		25.0
	40.8	40.8		25.0		90.0	8,506,800,000		37.9	41.8		25.0
	40.8	40.8		24.0		85.0	8,166,528,000		28.8	41.8		24.0
	40.8	40.8		25.0		77.0	8,506,800,000		37.1	41.8		25.0
	40.8	40.8		24.0		70.0	8,166,528,000		41.8	41.8		25.0
	40.8	40.8		24.0		64.0	8,166,528,000		37.8	41.8		24.0
	40.8	40.8		23.0		62.0	7,826,256,000		34.7	41.8		23.0
	32.8	40.8		22.0		61.0	7,485,984,000		33.0	41.8		23.0
	30.1	40.8		20.0		73.0	6,805,440,000		41.8	41.8		23.0
	35.6	40.8		20.0		77.0	6,805,440,000		41.8	41.8		24.0
	40.8	40.8		20.0		88.0	6,805,440,000		41.8	41.8		23.0
	40.8	40.8		22.0		91.0	7,485,984,000		41.8	41.8		24.0
	40.8	40.8		21.0		94.0	7,145,712,000		41.8	41.8		24.0
	40.8	40.8		20.0		89.0	6,805,440,000		41.8	41.8		24.0
	40.7	40.8		21.0		82.0	7,145,712,000		30.3	41.8		22.0
	40.8	40.8		22.0		75.0	7,485,984,000		41.8	41.8		25.0
	40.8	40.8		23.0		68.0	7,826,256,000		39.7	41.8		23.0
	38.6	40.8		22.0		62.0	7,485,984,000		41.8	41.8		24.0
	40.8	40.8		20.0		59.0	6,805,440,000		41.8	41.8		25.0
	40.8	40.8		23.0		63.0	7,826,256,000		39.6	41.8		25.0
	40.8	40.8		22.0		72.0	7,485,984,000		14.7	41.8		22.0
	40.8	40.8		21.0		77.0	7,145,712,000		41.8	41.8		22.0
	23.7	40.8		21.0		85.0	7,145,712,000		41.8	41.8		25.0
	7.9	40.8		19.0		90.0	6,465,168,000		41.8	41.8		22.0
	40.8	40.8		21.0		91.0	7,145,712,000		41.8	41.8		22.0
	40.8	40.8		22.0		84.0	7,485,984,000		41.8	41.8		22.0
	40.8	40.8		20.0		78.0	6,805,440,000		38.7	41.8		21.0
	40.8	40.8		24.0		75.0	8,166,528,000		41.8	41.8		25.0
	40.8	40.8		25.0		75.0	8,506,800,000		38.9	41.8		24.0
	40.8	40.8		25.0		65.0	8,506,800,000		41.8	41.8		25.0
						0						
	34.2	41.3		23.4		77.9	7,917,864,789		34.9	41.5		23.7
	0.8	24.8		2.0		58.0	0		1.3	24.4		10.0
	43.5	43.5		26.0		95.0	9,432,540,000		41.8	43.0		31.0
	0	0		1		0			0	0		13
	1	0		70		6			0	0		77

Temperature, water (def. F)		Heat Load (BTU/day)	Flow, in conduit or thru treatment plant		
			(MGD)		
			50.2		
No Discharge	95.0 Daily Maximu		50.2 Monthly Avera	50.2 Daily Maximu	
	76.0	8,366,688,000		24.8	41.8
	72.5	7,458,045,000		41.8	41.8
	69.0	8,540,994,000		41.5	41.8
	65.5	8,018,076,000		39.6	41.8
	67.0	5,924,736,000		37.8	41.8
	70.0	8,018,076,000		35.5	41.8
	90.0	6,965,568,000		41.3	41.8
	92.0	6,265,008,000		34.6	41.8
	90.0	7,672,800,000		41.8	41.8
	95.0	8,018,076,000		40.8	41.8
	86.0	7,672,800,000		37.2	41.8
	78.0	6,088,200,000		41.6	41.8
	74.0	7,669,464,000		38.5	41.8
	71.0	8,366,688,000		41.7	41.8
	64.0	7,669,464,000		36.8	41.8
	62.0	8,018,076,000		41.8	41.8
	64.0	7,669,464,000		39.8	41.8
	64.0	7,669,464,000		36.3	41.8
	76.0	8,018,076,000		16.5	41.8
	82.0	6,972,240,000		36.4	41.8
	86.0	8,366,688,000		41.7	41.8
	88.0	6,385,104,000		41.5	41.8
	84.0	8,366,688,000		20.7	41.8
	73.0	9,063,912,000		7.4	41.8
	74.0	8,366,688,000		35.3	41.8
	72.0	8,715,300,000		29.5	41.8
	64.0	8,366,688,000		15.8	41.8
	59.0	7,669,464,000		32.3	41.8
	56.0	7,320,852,000		22.2	41.8
	69.0	7,669,464,000		18.5	41.8
	80.0	8,018,076,000		20.9	41.8
	86.0	7,669,464,000		30.0	41.8
	89.0	8,366,688,000		20.5	41.8
	92.0	8,366,688,000		30.5	41.8
	88.0	8,366,688,000		33.6	41.8
	79.0	8,366,688,000		41.3	41.8
	74.0	8,366,688,000		35.8	41.8
	65.0	8,366,688,000		19.9	41.8
	64.0	8,715,300,000		34.1	41.8
	61.0	8,366,688,000		30.7	41.8
	64.0	8,366,688,000		24.5	41.8
	68.0	7,669,464,000		21.3	41.8
	76.0	6,972,240,000		23.9	41.8
	84.0	8,018,076,000		29.2	41.8
	93.0	8,366,688,000		38.7	41.8
	88.0	7,669,464,000		19.6	41.8
	82.0	7,346,706,000		10.8	36.5
	80.0	8,366,688,000		16.9	41.8
	80.0	8,366,688,000		26.6	41.8
	69.0	8,366,688,000		24.3	41.8
	65.0	8,715,300,000		29.4	41.8
	64.0	8,366,688,000		40.0	41.8
	62.0	7,669,464,000		28.6	41.8
	74.0	8,366,688,000		39.4	41.8
	82.0	8,715,300,000		41.8	41.8
	90.0	8,715,300,000		34.6	41.8
	95.0	8,715,300,000		29.1	41.8
	95.0	9,412,524,000		18.1	41.8
	88.0	4,680,408,000		18.0	27.8
	81.0	6,265,008,000		22.9	41.8
	76.0	8,366,688,000		17.8	29.6
	71.0	8,366,688,000		31.1	41.8
	67.0	9,063,912,000		38.5	41.8
	64.0	8,366,688,000		28.5	41.8
	66.0	8,366,688,000		19.0	41.8
	74.0	8,715,300,000		25.4	41.8
	82.0	8,366,688,000		20.7	41.8
	87.0	8,018,076,000		25.3	41.8
	93.0	8,715,300,000		22.6	41.8
	92.0	8,366,688,000		40.8	41.8
	91.0	8,018,076,000		36.6	41.8
	82.0	8,715,300,000		39.6	41.8
	80.0	8,715,300,000		41.5	41.8
	72.0	8,366,688,000		41.8	41.8
	70.0	8,566,848,000		41.8	41.8
	64.0	8,018,076,000		41.8	41.8
	65.0	8,018,076,000		41.0	41.8
	69.0	7,669,464,000		40.8	41.8
	81.0	8,366,688,000		38.0	41.8
	90.0	8,715,300,000		38.6	41.8
	94.0	8,715,300,000		41.8	41.8
	92.0	8,366,688,000		41.8	41.8
	88.0	7,669,464,000		40.5	41.8
	79.0	8,018,076,000		41.8	41.8
	78.0	8,715,300,000		41.8	41.8
	71.0	8,715,300,000		39.8	41.8

	66.0	8,715,300,000		40.9	41.8
	64.0	8,366,688,000		0.6	41.8
	69.0	7,669,464,000		41.8	41.8
	74.0	8,715,300,000		41.8	41.8
	83.0	8,715,300,000		38.5	41.8
	91.0	8,366,688,000		41.8	41.8
	92.0	8,715,300,000		41.2	41.8
	92.0	8,715,300,000		39.6	41.8
	89.0	8,715,300,000		41.8	41.8
	84.0	8,366,688,000		41.8	41.8
	74.0	8,715,300,000		40.1	41.8
	72.0	8,715,300,000		41.8	41.8
	62.0	8,715,300,000		41.8	41.8
	63.0	9,063,912,000		38.8	41.8
	70.0	8,366,688,000		41.8	41.8
	74.0	8,715,300,000		41.8	41.8
	85.0	8,715,300,000		26.5	41.8
	92.0	8,715,300,000		41.8	41.8
	93.0	8,715,300,000		41.8	41.8
	94.0	8,715,300,000		36.1	41.8
	93.0	8,366,688,000		41.8	41.8
	83.0	8,715,300,000		39.1	41.8
	74.0	8,366,688,000		40.5	41.8
	70.0	8,366,688,000		37.1	41.8
	65.0	8,715,300,000		40.8	41.8
	64.0	8,715,300,000		41.8	41.8
	66.0	7,320,852,000		5.4	41.8
	71.0	5,926,404,000		21.9	41.8
	82.0	8,715,300,000		35.7	41.8
	86.0	7,669,464,000		38.7	41.8
	90.0	7,669,464,000		41.8	41.8
	90.0	7,669,464,000		41.8	41.8
	90.0	7,669,464,000		41.8	41.8
	81.0	8,018,076,000		41.8	41.8
	76.0	8,366,688,000		38.9	41.8
	68.0	8,715,300,000		39.1	41.8
	62.0	7,669,464,000		39.9	41.8
	63.0	8,715,300,000		41.8	41.8
C		0		41.8	41.8
	74.0	10,458,360,000		41.8	41.8
	79.0	7,669,464,000		5.2	41.8
	92.0	7,669,464,000		33.4	41.8
	91.0	8,366,688,000		39.1	41.8
	94.0	8,366,688,000		41.8	41.8
	89.0	8,715,300,000		41.8	41.8
	86.0	8,715,300,000		41.8	41.8
	76.0	8,366,688,000		40.2	41.8
	73.0	8,715,300,000		41.8	41.8
	67.0	8,715,300,000		41.8	41.8
	66.0	8,366,688,000		41.8	41.8
	66.0	7,320,852,000		41.8	41.8
	76.0	7,669,464,000		22.3	41.8
	83.0	8,018,076,000		27.8	41.8
	90.0	8,366,688,000		39.1	41.8
	93.0	8,366,688,000		41.8	41.8
	94.0	8,018,076,000		41.8	41.8
	90.0	8,018,076,000		39.1	41.8

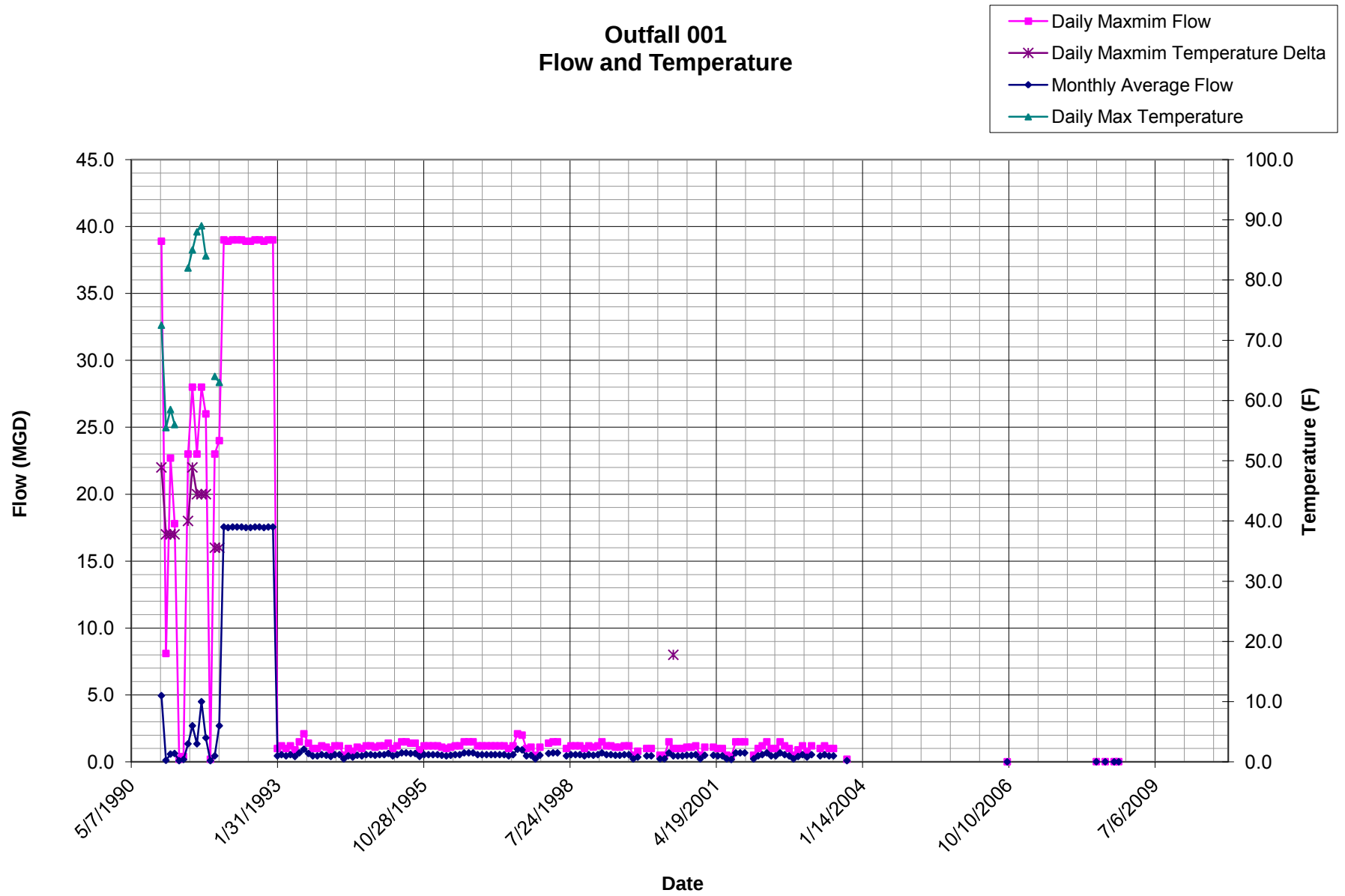
	85.0	7,669,464,000		37.5	41.8
	78.0	9,412,524,000		41.8	41.8
	71.0	8,715,300,000		41.8	41.8
	65.0	8,366,688,000		41.8	41.8
	58.0	7,669,464,000		41.8	41.8
	64.0	7,669,464,000		41.2	41.8
	75.0	8,366,688,000		16.7	41.8
	83.0	8,715,300,000		20.2	41.8
	93.0	8,366,688,000		41.8	41.8
	92.0	8,018,076,000		40.5	41.8
	94.0	8,018,076,000		41.8	41.8
	91.0	8,366,688,000		41.8	41.8
	86.0	8,715,300,000		41.8	41.8
	77.0	8,715,300,000		41.8	41.8
	70.0	10,109,748,000		41.8	41.8
	66.0	8,018,076,000		41.8	41.8
	63.0	8,366,688,000		41.8	41.8
	68.0	8,366,688,000		3.3	41.8
	78.0	9,412,524,000		38.1	41.8
	85.0	8,715,300,000		41.8	41.8
	88.0	8,366,688,000		41.8	41.8
	93.0	8,715,300,000		41.8	41.8
	92.0	8,366,688,000		41.8	41.8
	91.0	7,669,464,000		41.8	41.8
	86.0	8,018,076,000		41.8	41.8
	78.0	10,458,360,000		41.8	41.8
	71.0	8,366,688,000		41.8	41.8
	66.0	8,366,688,000		41.8	41.8
	63.0	8,018,076,000		41.8	41.8
	67.0	9,761,136,000		41.8	41.8
	77.0	8,715,300,000		29.9	41.8
	80.0	9,412,524,000		41.8	41.8
	92.0	8,715,300,000		41.8	41.8
	94.0	8,715,300,000		41.8	41.8
	95.0	9,412,524,000		41.8	41.8
	92.0	8,715,300,000		41.8	41.8
	85.0	8,715,300,000		35.8	41.8
	82.0	10,806,972,000		41.8	41.8
	75.0	8,366,688,000		41.8	41.8
	69.0	8,715,300,000		41.8	41.8
	66.0	8,715,300,000		41.8	41.8
	66.0	8,715,300,000		41.8	41.8
	72.0	8,715,300,000		35.3	41.8
C		0		41.8	41.8
	78.0	4,880,568,000		41.8	41.8
	87.0	5,379,300,000		41.8	41.8
	77.0	3,486,120,000		41.8	41.8
	87.0	7,669,464,000		41.8	41.8
	80.0	8,715,300,000		41.8	41.8
	74.0	7,320,852,000		41.8	41.8
	70.0	7,320,852,000		41.8	41.8
	67.0	7,669,464,000		41.8	41.8
	62.0	7,320,852,000		41.8	41.8
	64.0	8,018,076,000		8.1	41.8
	71.0	7,669,464,000		29.8	41.8
	82.0	7,669,464,000		41.8	41.8
	89.0	7,669,464,000		41.8	41.8
	93.0	8,366,688,000		41.8	41.8
	95.0	8,715,300,000		41.8	41.8
	90.0	8,715,300,000		41.8	41.8
	87.0	8,366,688,000		41.8	41.8
	75.0	8,715,300,000		41.8	41.8
	70.0	8,715,300,000		41.8	41.8
	65.0	8,366,688,000		41.8	41.8
	61.0	8,018,076,000		40.1	41.8
	62.0	8,018,076,000		41.8	41.8
	78.0	8,018,076,000		18.3	41.8
	79.0	8,366,688,000		41.8	41.8
	91.0	8,018,076,000		39.6	41.8
	93.0	8,366,688,000		40.0	41.8
	94.0	8,366,688,000		41.8	41.8
	94.0	8,366,688,000		41.8	41.8
	22.0	7,669,464,000		41.8	41.8
	77.0	8,715,300,000		41.1	41.8
	71.0	8,018,076,000		41.8	41.8
	63.0	8,366,688,000		41.8	41.8
	66.0	8,715,300,000		41.8	41.8
	72.0	8,715,300,000		41.8	41.8
	77.0	7,669,464,000		41.8	41.8
	80.0	7,669,464,000		38.1	41.8
	88.0	8,715,300,000		38.7	41.8
	93.0	7,669,464,000		37.8	41.8
	94.0	7,669,464,000		41.8	41.8
	90.0	7,669,464,000	C		
	83.0	7,320,852,000		41.8	41.8
	78.0	8,715,300,000		41.8	41.8
	73.0	8,366,688,000		41.8	41.8
	64.0	8,715,300,000		41.8	41.8
		0			
	78.0	8,094,884,884		36.2	41.7
	22.0	0		0.6	27.8
	95.0	10,806,972,000		41.8	41.8
	0			0	0
	5			0	0

Outfall 004							
Temp. diff. between intake and discharge (deg F)		Temperature, water (def. F)					
25.0		95.0		Heat Load (BTU/day)	Total Heat Load (BTU/day)		
No Discharge	Daily Maximum	No Discharge	Daily Maximum				
	22.5		75.5	7,843,770,000	32,054,790,000	9.61644E+11	
	24.0		77.2	8,366,688,000	25,317,321,000	7.5952E+11	
	25.0		70.0	8,715,300,000	29,363,055,000	8.80892E+11	
	24.0		65.0	8,366,688,000	26,889,828,000	8.06695E+11	
	22.0		64.0	7,669,464,000	21,212,790,000	6.36384E+11	
	24.0		74.0	8,366,688,000	21,655,644,000	6.49669E+11	
	22.0		87.0	7,669,464,000	24,821,508,000	7.44645E+11	
	24.0		91.0	8,366,688,000	28,838,886,000	8.65167E+11	
	24.0		90.0	8,366,688,000	28,582,848,000	8.57485E+11	
	25.0		95.0	8,715,300,000	30,473,526,000	9.14206E+11	
	24.0		91.0	8,366,688,000	29,083,248,000	8.72497E+11	
	24.0		81.0	8,366,688,000	22,461,288,000	6.73839E+11	9.62264E+12
	25.0		78.0	8,715,300,000	28,523,634,000	8.55709E+11	9.51671E+12
	25.0		75.0	8,715,300,000	29,354,298,000	8.80629E+11	9.63782E+12
	24.0		65.0	8,366,688,000	25,105,902,000	7.53177E+11	9.5101E+12
	22.0		62.0	7,669,464,000	24,757,290,000	7.42719E+11	9.44613E+12
	22.0		63.0	7,669,464,000	24,045,888,000	7.21377E+11	9.53112E+12
	23.0		72.0	8,018,076,000	24,394,500,000	7.31835E+11	9.61328E+12
	24.0		76.0	8,366,688,000	25,091,724,000	7.52752E+11	9.62139E+12
	23.0		85.0	8,018,076,000	17,472,300,000	5.24169E+11	9.28039E+12
	22.0		89.0	7,669,464,000	24,743,112,000	7.42293E+11	9.1652E+12
	24.0		91.0	8,366,688,000	22,049,292,000	6.61479E+11	8.91247E+12
	24.0		88.0	8,366,688,000	25,803,126,000	7.74094E+11	8.81407E+12
	22.0		74.0	7,669,464,000	25,803,126,000	7.74094E+11	8.91433E+12
	24.0		74.0	8,366,688,000	25,803,126,000	7.74094E+11	8.83271E+12
	24.0		72.0	8,366,688,000	26,151,738,000	7.84552E+11	8.73663E+12
	24.0		64.0	8,366,688,000	25,803,126,000	7.74094E+11	8.75755E+12
	24.0		63.0	8,366,688,000	24,743,112,000	7.42293E+11	8.75713E+12
	22.0		60.0	7,669,464,000	23,697,276,000	7.10918E+11	8.74667E+12
	24.0		70.0	8,366,688,000	24,743,112,000	7.42293E+11	8.75713E+12
	24.0		81.0	8,366,688,000	25,091,724,000	7.52752E+11	8.75713E+12
	24.0		88.0	8,366,688,000	24,743,112,000	7.42293E+11	8.97525E+12
	25.0		93.0	8,715,300,000	25,788,948,000	7.73668E+11	9.00662E+12
	25.0		92.0	8,715,300,000	26,151,738,000	7.84552E+11	9.1297E+12
	25.0		92.0	8,715,300,000	26,151,738,000	7.84552E+11	9.14016E+12
	24.0		80.0	8,366,688,000	25,803,126,000	7.74094E+11	9.14016E+12
	25.0		76.0	8,715,300,000	24,025,038,000	7.20751E+11	9.08681E+12
	24.0		66.0	8,366,688,000	25,803,126,000	7.74094E+11	9.07636E+12
	24.0		63.0	8,366,688,000	26,151,738,000	7.84552E+11	9.08681E+12
	25.0		61.0	8,715,300,000	26,151,738,000	7.84552E+11	9.12907E+12
	24.0		65.0	8,366,688,000	25,803,126,000	7.74094E+11	9.19225E+12
	24.0		69.0	8,366,688,000	24,743,112,000	7.42293E+11	9.19225E+12
	22.0		78.0	7,669,464,000	23,348,664,000	7.0046E+11	9.13996E+12
	24.0		88.0	8,366,688,000	25,091,724,000	7.52752E+11	9.15041E+12
	24.0		94.0	8,366,688,000	25,440,336,000	7.6321E+11	9.13996E+12
	24.0		92.0	8,366,688,000	25,105,902,000	7.53177E+11	9.10858E+12
	24.0		87.0	7,305,840,000	20,762,430,000	6.22873E+11	8.9469E+12
	22.0		78.0	7,669,464,000	23,654,742,000	7.09642E+11	8.88245E+12
	24.0		77.0	8,366,688,000	24,351,966,000	7.30559E+11	8.89226E+12
	22.0		68.0	7,669,464,000	24,017,532,000	7.20526E+11	8.83869E+12
	24.0		66.0	8,366,688,000	25,788,948,000	7.73668E+11	8.82781E+12
	24.0		62.0	8,366,688,000	25,440,336,000	7.6321E+11	8.80646E+12
	22.0		64.0	7,669,464,000	23,320,308,000	6.99609E+11	8.73198E+12
	23.0		74.0	8,018,076,000	25,091,724,000	7.52752E+11	8.74244E+12
	24.0		80.0	8,366,688,000	25,788,948,000	7.73668E+11	8.81565E+12
	24.0		90.0	8,366,688,000	25,788,948,000	7.73668E+11	8.83656E+12
	24.0		95.0	8,366,688,000	26,151,738,000	7.84552E+11	8.85791E+12
	25.0		94.0	8,715,300,000	27,197,574,000	8.15927E+11	8.92066E+12
	23.0		88.0	5,332,596,000	16,601,604,000	4.98048E+11	8.79583E+12
	23.0		80.0	8,018,076,000	21,969,228,000	6.59077E+11	8.74527E+12
	27.0		77.0	6,665,328,000	24,101,766,000	7.23053E+11	8.73776E+12
	24.0		72.0	8,366,688,000	25,803,126,000	7.74094E+11	8.79133E+12
	24.0		64.0	8,366,688,000	26,137,560,000	7.84127E+11	8.80179E+12
	25.0		63.0	8,715,300,000	25,426,158,000	7.62785E+11	8.80136E+12
	23.0		65.0	8,018,076,000	25,091,724,000	7.52752E+11	8.8545E+12
	26.0		74.0	9,063,912,000	26,486,172,000	7.94585E+11	8.89634E+12
	23.0		83.0	8,018,076,000	24,728,934,000	7.41868E+11	8.86454E+12
	24.0		89.0	8,366,688,000	25,454,514,000	7.63635E+11	8.8545E+12
	24.0		92.0	8,366,688,000	25,788,948,000	7.73668E+11	8.84362E+12
	24.0		93.0	8,366,688,000	25,803,126,000	7.74094E+11	8.80179E+12
	25.0		93.0	8,715,300,000	26,165,916,000	7.84977E+11	9.08872E+12
	24.0		82.0	8,366,688,000	25,588,788,000	7.67664E+11	9.1973E+12
	24.0		79.0	8,366,688,000	25,588,788,000	7.67664E+11	9.24191E+12
	23.0		72.0	8,018,076,000	24,551,292,000	7.36539E+11	9.20436E+12
	25.0		68.0	8,715,300,000	25,788,948,000	7.73668E+11	9.1939E+12
	25.0		65.0	8,715,300,000	24,899,904,000	7.46997E+11	9.17811E+12
	24.0		65.0	8,366,688,000	24,551,292,000	7.36539E+11	9.1619E+12
	24.0		69.0	8,366,688,000	24,202,680,000	7.2608E+11	9.09339E+12
	24.0		80.0	8,366,688,000	24,899,904,000	7.46997E+11	9.09852E+12
	25.0		91.0	8,715,300,000	25,937,400,000	7.78122E+11	9.11301E+12
	25.0		94.0	8,715,300,000	25,937,400,000	7.78122E+11	9.11746E+12
	25.0		93.0	8,715,300,000	25,588,788,000	7.67664E+11	9.11103E+12
	25.0		91.0	8,715,300,000	24,891,564,000	7.46747E+11	9.0728E+12
	25.0		80.0	8,715,300,000	25,240,176,000	7.57205E+11	9.06234E+12
	25.0		78.0	8,715,300,000	25,937,400,000	7.78122E+11	9.0728E+12
	25.0		69.0	8,715,300,000	25,937,400,000	7.78122E+11	9.11439E+12

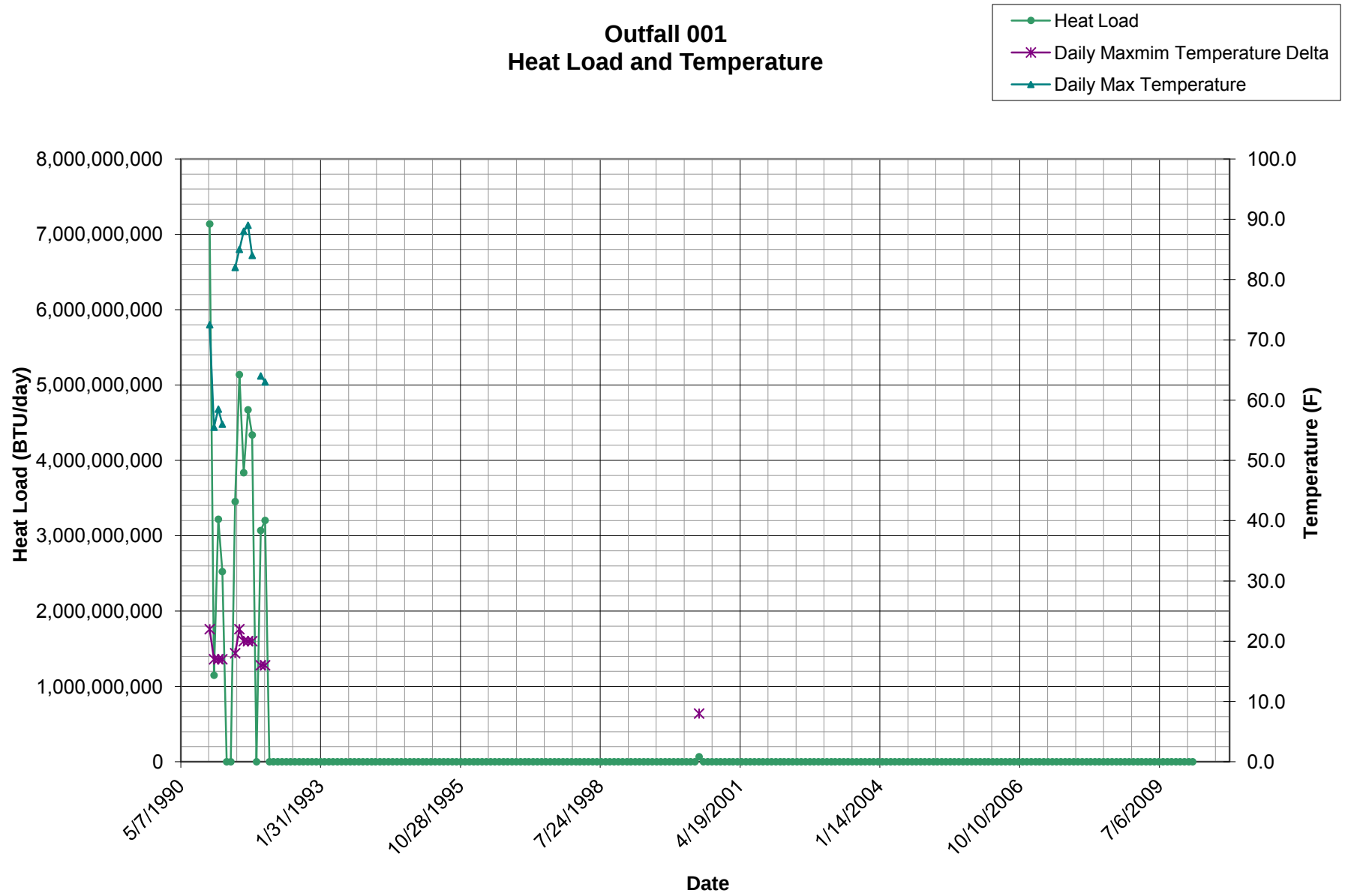
	25.0		66.0	8,715,300,000	25,937,400,000	7.78122E+11	9.11884E+12
	25.0		66.0	8,715,300,000	25,248,516,000	7.57455E+11	9.1293E+12
	25.0		72.0	8,715,300,000	24,891,564,000	7.46747E+11	9.13951E+12
	25.0		75.0	8,715,300,000	25,937,400,000	7.78122E+11	9.19155E+12
	25.0		83.0	8,715,300,000	25,937,400,000	7.78122E+11	9.22267E+12
	28.0		94.0	9,761,136,000	26,634,624,000	7.99039E+11	9.24359E+12
	25.0		91.0	8,715,300,000	25,937,400,000	7.78122E+11	9.24359E+12
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	25.0		87.0	8,715,300,000	25,937,400,000	7.78122E+11	9.03022E+12
	23.0		80.0	8,018,076,000	24,891,564,000	7.46747E+11	9.01976E+12
	25.0		74.0	8,715,300,000	25,937,400,000	7.78122E+11	9.01976E+12
	25.0		70.0	8,715,300,000	25,937,400,000	7.78122E+11	9.01976E+12
	25.0		64.0	8,715,300,000	25,937,400,000	7.78122E+11	9.01976E+12
	25.0		65.0	8,715,300,000	26,286,012,000	7.8858E+11	9.05088E+12
	25.0		25.0	8,715,300,000	25,588,788,000	7.67664E+11	9.0718E+12
	25.0		75.0	8,715,300,000	25,597,128,000	7.67914E+11	9.06159E+12
	25.0		83.0	8,715,300,000	25,597,128,000	7.67914E+11	9.05139E+12
	24.0		90.0	8,366,688,000	25,248,516,000	7.57455E+11	9.0098E+12
	25.0		92.0	8,715,300,000	25,597,128,000	7.67914E+11	8.99959E+12
	24.0		91.0	8,366,688,000	25,588,788,000	7.67664E+11	9.24434E+12
	24.0		92.0	8,366,688,000	25,240,176,000	7.57205E+11	9.22342E+12
	25.0		85.0	8,715,300,000	25,597,128,000	7.67914E+11	9.24459E+12
	25.0		76.0	8,715,300,000	17,081,988,000	5.1246E+11	8.97893E+12
	22.0		68.0	7,669,464,000	24,202,680,000	7.2608E+11	8.92689E+12
	24.0		65.0	8,366,688,000	25,588,788,000	7.67664E+11	8.91643E+12
	24.0		63.0	8,366,688,000	25,248,516,000	7.57455E+11	8.8853E+12
	21.0		62.0	7,320,852,000	22,808,232,000	6.84247E+11	8.80189E+12
	24.0		71.0	8,366,688,000	22,119,348,000	6.6358E+11	8.69755E+12
	22.0		82.0	7,669,464,000	23,190,204,000	6.95706E+11	8.62534E+12
	22.0		86.0	7,669,464,000	22,891,632,000	6.86749E+11	8.55464E+12
	22.0		89.0	7,669,464,000	22,484,640,000	6.74539E+11	8.46126E+12
	24.0		92.0	8,366,688,000	23,862,408,000	7.15872E+11	8.40947E+12
	23.0		89.0	8,018,076,000	23,173,524,000	6.95206E+11	8.34747E+12
	22.0		81.0	7,669,464,000	23,173,524,000	6.95206E+11	8.27476E+12
	23.0		76.0	8,018,076,000	24,211,020,000	7.26331E+11	8.48864E+12
	24.0		68.0	8,366,688,000	17,081,988,000	5.1246E+11	8.27501E+12
	21.0		60.0	7,320,852,000	22,136,028,000	6.64081E+11	8.17143E+12
	21.0		59.0	7,320,852,000	22,501,320,000	6.7504E+11	8.08902E+12
	22.0		62.0	7,669,464,000	14,474,904,000	4.34247E+11	7.83902E+12
	25.0		76.0	8,715,300,000	25,979,100,000	7.79373E+11	7.95481E+12
	23.0		77.0	8,018,076,000	22,833,252,000	6.84998E+11	7.9441E+12
	24.0		92.0	8,366,688,000	23,862,408,000	7.15872E+11	7.97322E+12
	23.0		89.0	8,018,076,000	24,551,292,000	7.36539E+11	8.03522E+12
	25.0		92.0	8,715,300,000	25,248,516,000	7.57455E+11	8.07681E+12
	22.0		86.0	7,669,464,000	24,551,292,000	7.36539E+11	8.11814E+12
	22.0		81.0	7,669,464,000	24,551,292,000	7.36539E+11	8.15947E+12
	22.0		72.0	7,669,464,000	24,202,680,000	7.2608E+11	8.15922E+12
	22.0		69.0	7,669,464,000	17,065,308,000	5.11959E+11	8.15872E+12
	24.0		65.0	8,366,688,000	25,588,788,000	7.67664E+11	8.2623E+12
	23.0		64.0	8,018,076,000	24,551,292,000	7.36539E+11	8.3238E+12
	25.0		67.0	8,715,300,000	24,542,952,000	7.36289E+11	8.62585E+12
	24.0		73.0	8,366,688,000	23,522,136,000	7.05664E+11	8.55214E+12
	23.0		81.0	8,018,076,000	24,202,680,000	7.2608E+11	8.59322E+12
	24.0		90.0	8,366,688,000	24,899,904,000	7.46997E+11	8.62434E+12
	24.0		93.0	8,366,688,000	24,899,904,000	7.46997E+11	8.6348E+12
	24.0		95.0	8,366,688,000	24,551,292,000	7.36539E+11	8.61389E+12
	23.0		90.0	8,018,076,000	24,202,680,000	7.2608E+11	8.60343E+12

	23.0		84.0	8,018,076,000	23,854,068,000	7.15622E+11	8.58251E+12
	25.0		75.0	8,715,300,000	26,294,352,000	7.88831E+11	8.64526E+12
	23.0		67.0	8,018,076,000	25,240,176,000	7.57205E+11	8.89051E+12
	24.0		64.0	8,366,688,000	24,899,904,000	7.46997E+11	8.86984E+12
	24.0		59.0	8,366,688,000	23,862,408,000	7.15872E+11	8.84917E+12
	25.0		68.0	8,715,300,000	24,211,020,000	7.26331E+11	8.83922E+12
	25.0		68.0	8,715,300,000	23,887,428,000	7.16623E+11	8.85017E+12
	25.0		82.0	8,715,300,000	25,597,128,000	7.67914E+11	8.89201E+12
	24.0		91.0	8,366,688,000	24,559,632,000	7.36789E+11	8.8818E+12
	25.0		92.0	8,715,300,000	24,899,904,000	7.46997E+11	8.8818E+12
	24.0		94.0	8,366,688,000	24,551,292,000	7.36539E+11	8.8818E+12
	24.0		90.0	8,366,688,000	24,899,904,000	7.46997E+11	8.90272E+12
	24.0		84.0	8,366,688,000	25,588,788,000	7.67664E+11	8.95476E+12
	25.0		77.0	8,715,300,000	25,937,400,000	7.78122E+11	8.94405E+12
	24.0		71.0	8,366,688,000	26,642,964,000	7.99289E+11	8.98613E+12
	24.0		67.0	8,366,688,000	23,870,748,000	7.16122E+11	8.95526E+12
	23.0		63.0	8,018,076,000	24,211,020,000	7.26331E+11	8.96572E+12
	23.0		63.0	8,018,076,000	23,870,748,000	7.16122E+11	8.95551E+12
	24.0		77.0	8,366,688,000	25,265,196,000	7.57956E+11	8.99684E+12
	26.0		83.0	9,063,912,000	26,286,012,000	7.8858E+11	9.01751E+12
	24.0		87.0	8,366,688,000	24,899,904,000	7.46997E+11	9.02772E+12
	28.0		94.0	9,761,136,000	26,642,964,000	7.99289E+11	9.08001E+12
	28.0		92.0	9,761,136,000	26,294,352,000	7.88831E+11	9.1323E+12
	25.0		92.0	8,715,300,000	24,551,292,000	7.36539E+11	9.12184E+12
	25.0		87.0	8,715,300,000	24,899,904,000	7.46997E+11	9.10118E+12
	26.0		77.0	9,063,912,000	28,029,072,000	8.40872E+11	9.16393E+12
	24.0		73.0	8,366,688,000	24,559,632,000	7.36789E+11	9.10143E+12
	27.0		67.0	9,412,524,000	25,605,468,000	7.68164E+11	9.15347E+12
	24.0		66.0	8,366,688,000	23,870,748,000	7.16122E+11	9.14326E+12
	26.0		64.0	9,063,912,000	26,991,576,000	8.09747E+11	9.23688E+12
	23.0		74.0	8,018,076,000	24,899,904,000	7.46997E+11	9.22592E+12
	23.0		78.0	8,018,076,000	24,916,584,000	7.47498E+11	9.18484E+12
	24.0		90.0	8,366,688,000	24,908,244,000	7.47247E+11	9.18509E+12
	23.0		92.0	8,018,076,000	24,559,632,000	7.36789E+11	9.12259E+12
	24.0		94.0	8,366,688,000	25,945,740,000	7.78372E+11	9.11213E+12
	24.0		91.0	8,366,688,000	24,227,700,000	7.26831E+11	9.10243E+12
	24.0		84.0	8,366,688,000	24,567,972,000	7.37039E+11	9.09247E+12
	27.0		76.0	9,412,524,000	28,726,296,000	8.61789E+11	9.11338E+12
	24.0		71.0	8,366,688,000	24,219,360,000	7.26581E+11	9.10318E+12
	23.0		66.0	8,018,076,000	24,219,360,000	7.26581E+11	9.06159E+12
	23.0		65.0	8,018,076,000	23,879,088,000	7.16373E+11	9.06184E+12
	24.0		66.0	8,366,688,000	25,248,516,000	7.57455E+11	9.00955E+12
	23.0		73.0	8,018,076,000	24,219,360,000	7.26581E+11	8.98914E+12
	23.0		84.0	8,018,076,000	15,504,060,000	4.65122E+11	8.70676E+12
	24.0		91.0	8,366,688,000	20,392,968,000	6.11789E+11	8.5713E+12
	27.0		97.0	9,412,524,000	23,298,624,000	6.98959E+11	8.53347E+12
	24.0		94.0	8,366,688,000	19,338,792,000	5.80164E+11	8.33526E+12
	25.0		92.0	8,715,300,000	24,551,292,000	7.36539E+11	8.34497E+12
	26.0		83.0	9,063,912,000	25,945,740,000	7.78372E+11	8.3863E+12
	24.0		76.0	8,366,688,000	23,854,068,000	7.15622E+11	8.24014E+12
	24.0		73.0	8,366,688,000	23,513,796,000	7.05414E+11	8.21897E+12
	24.0		69.0	8,366,688,000	23,862,408,000	7.15872E+11	8.20826E+12
	24.0		62.0	8,366,688,000	23,513,796,000	7.05414E+11	8.1973E+12
	24.0		62.0	8,366,688,000	24,211,020,000	7.26331E+11	8.16618E+12
	24.0		72.0	8,366,688,000	23,862,408,000	7.15872E+11	8.15547E+12
	24.0		82.0	8,366,688,000	23,862,408,000	7.15872E+11	8.40622E+12
	22.0		89.0	7,669,464,000	22,824,912,000	6.84747E+11	8.47918E+12
	22.0		93.0	7,669,464,000	23,181,864,000	6.95456E+11	8.47568E+12
	23.0		94.0	8,018,076,000	24,899,904,000	7.46997E+11	8.64251E+12
	23.0		88.0	8,018,076,000	25,240,176,000	7.57205E+11	8.66318E+12
	24.0		85.0	8,366,688,000	24,899,904,000	7.46997E+11	8.6318E+12
	25.0		79.0	8,715,300,000	25,937,400,000	7.78122E+11	8.6943E+12
	23.0		68.0	8,018,076,000	24,899,904,000	7.46997E+11	8.73588E+12
	25.0		65.0	8,715,300,000	25,248,516,000	7.57455E+11	8.77747E+12
	24.0		63.0	8,366,688,000	24,211,020,000	7.26331E+11	8.79838E+12
	23.0		63.0	8,018,076,000	23,522,136,000	7.05664E+11	8.77772E+12
	24.0		74.0	8,366,688,000	23,190,204,000	6.95706E+11	8.75755E+12
	21.0		79.0	7,320,852,000	22,492,980,000	6.74789E+11	8.71647E+12
	21.0		87.0	7,320,852,000	22,144,368,000	6.64331E+11	8.69605E+12
	21.0		91.0	7,320,852,000	23,173,524,000	6.95206E+11	8.6958E+12
	20.0		92.0	6,972,240,000	22,484,640,000	6.74539E+11	8.62334E+12
	20.0		90.0	6,972,240,000	22,144,368,000	6.64331E+11	8.53047E+12
	22.0		83.0	7,669,464,000	22,484,640,000	6.74539E+11	8.45801E+12
	22.0		74.0	7,669,464,000	23,870,748,000	7.16122E+11	8.39601E+12
	23.0		68.0	8,018,076,000	23,862,408,000	7.15872E+11	8.36489E+12
	24.0		63.0	8,366,688,000	24,219,360,000	7.26581E+11	8.33401E+12
	23.0		63.0	8,018,076,000	23,538,816,000	7.06164E+11	8.31385E+12
	23.0		68.0	8,018,076,000	24,559,632,000	7.36789E+11	8.34497E+12
	21.0		72.0	7,320,852,000	22,476,300,000	6.74289E+11	8.32355E+12
	21.0		79.0	7,320,852,000	22,136,028,000	6.64081E+11	8.31284E+12
	24.0		86.0	8,366,688,000	24,227,700,000	7.26831E+11	8.37534E+12
	23.0		93.0	8,018,076,000	22,152,708,000	6.64581E+11	8.34472E+12
	23.0		93.0	8,018,076,000	22,833,252,000	6.84998E+11	8.35518E+12
C		C		0	15,155,448,000	4.54663E+11	8.14551E+12
	23.0		80.0	8,018,076,000	22,144,368,000	6.64331E+11	8.1353E+12
	23.0		76.0	8,018,076,000	24,899,904,000	7.46997E+11	8.16618E+12
	21.0		69.0	7,320,852,000	24,194,340,000	7.2583E+11	8.17614E+12
	23.0		63.0	8,018,076,000	25,240,176,000	7.57205E+11	8.20676E+12
			0		0	0	7.5006E+12
	23.8		77.9	8,208,720,491	24,401,642,922	732,049,287.672	8,809,662,175.249
	20.0		25.0	0	0	0	7,500,595,680.000
	28.0		97.0	9,761,136,000	32,054,790,000	961,643,700,000	9,637,816,590.000
	12		1				
	65		4				

Outfall 001 Flow and Temperature

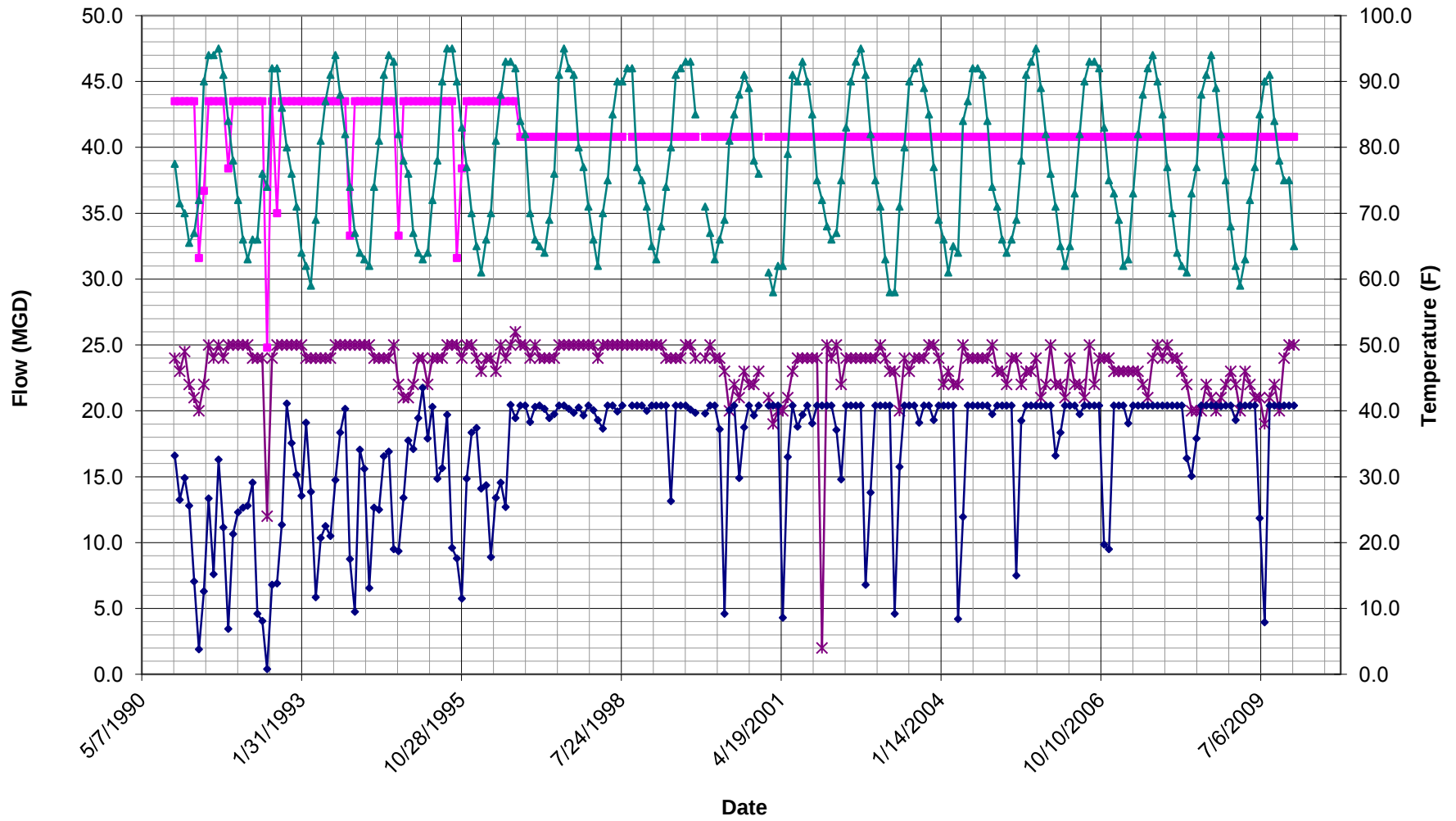


Outfall 001 Heat Load and Temperature

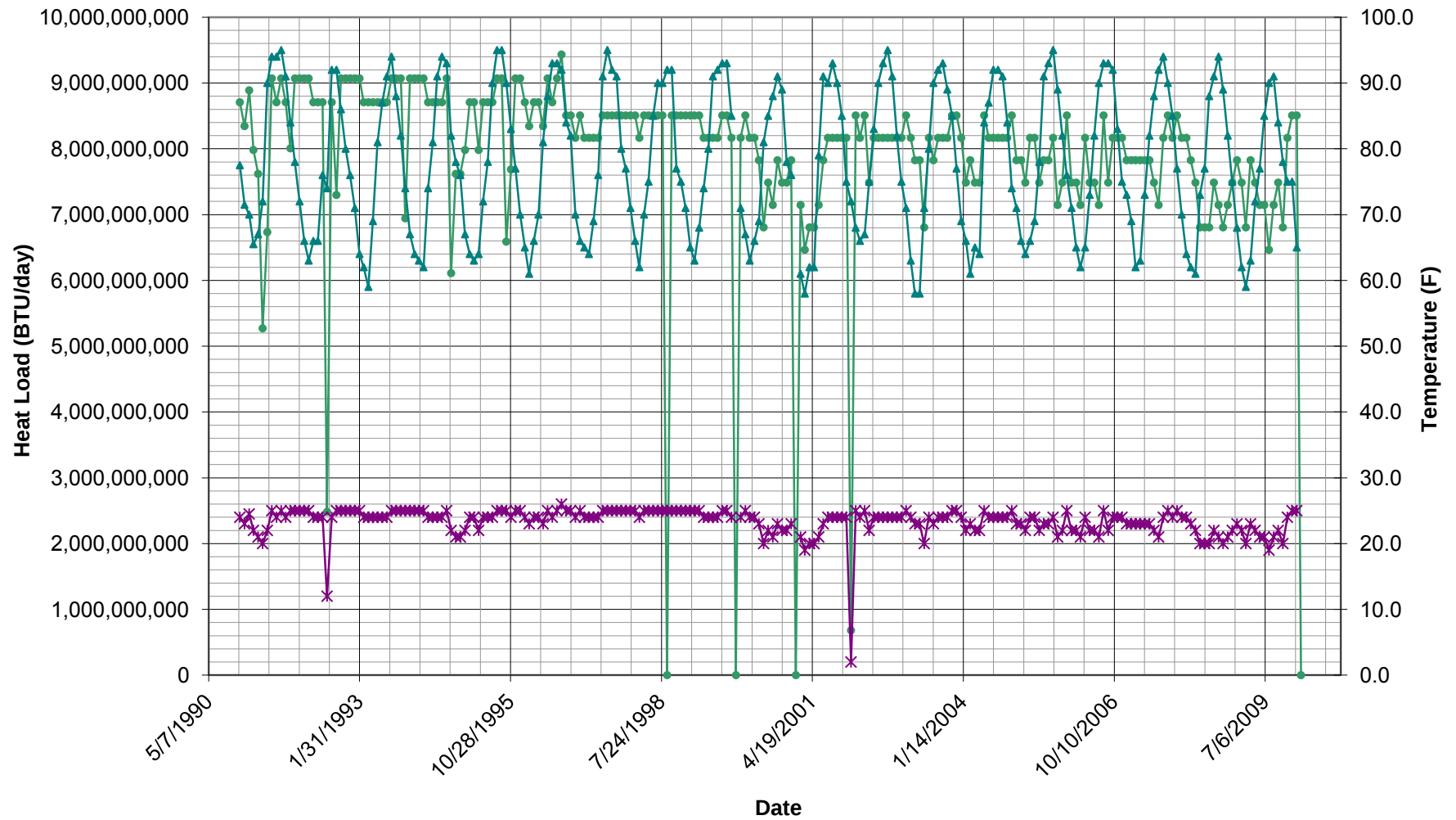
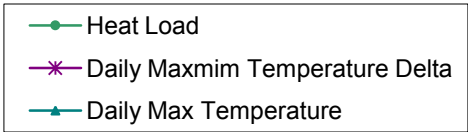


Outfall 002 Flow and Temperature

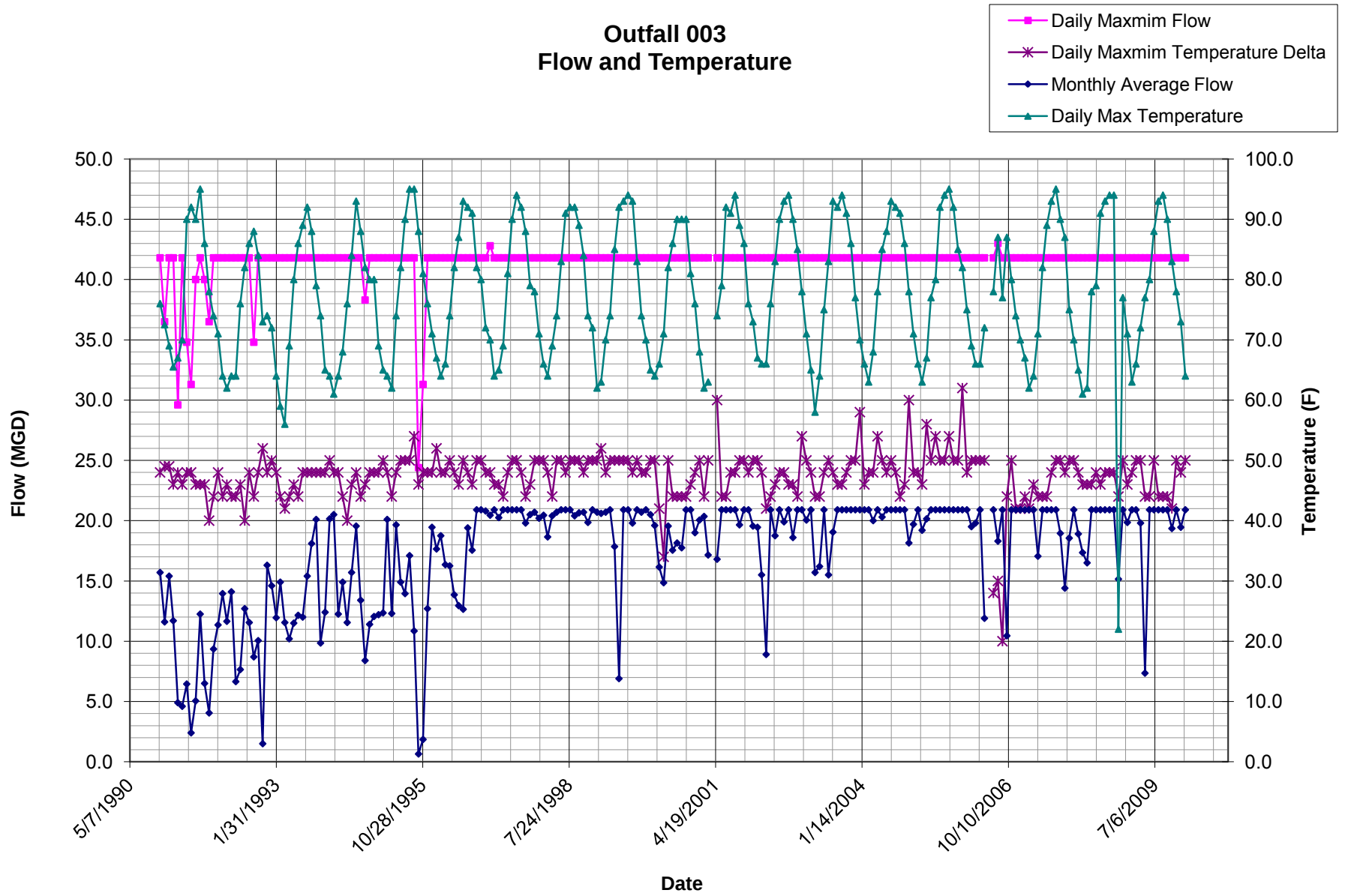
- Daily Maximim Flow
- Daily Maximim Temperature Delta
- Monthly Average Flow
- Daily Max Temperature



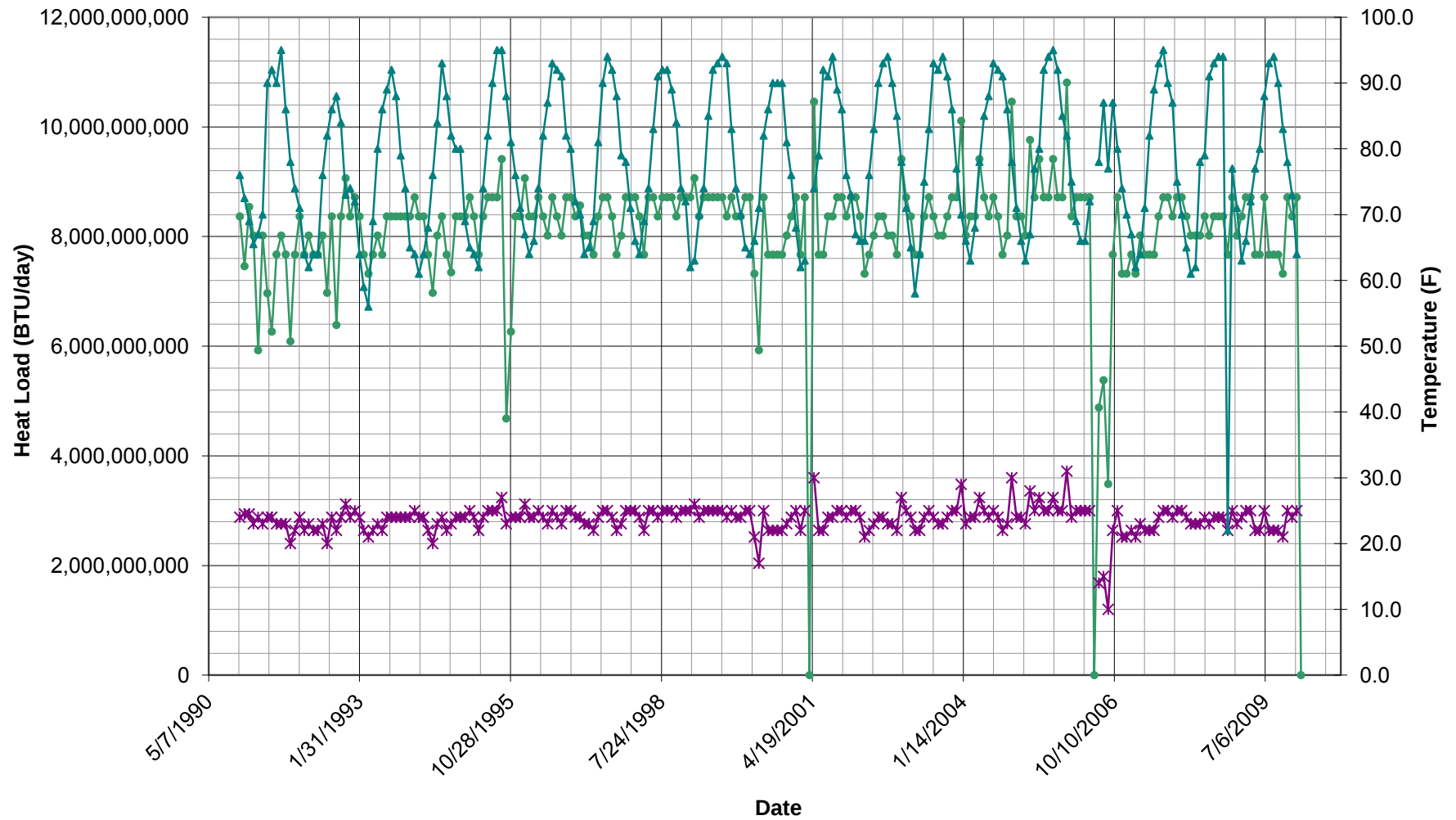
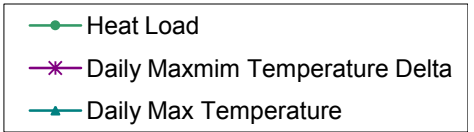
Outfall 002 Heat Load and Temperature



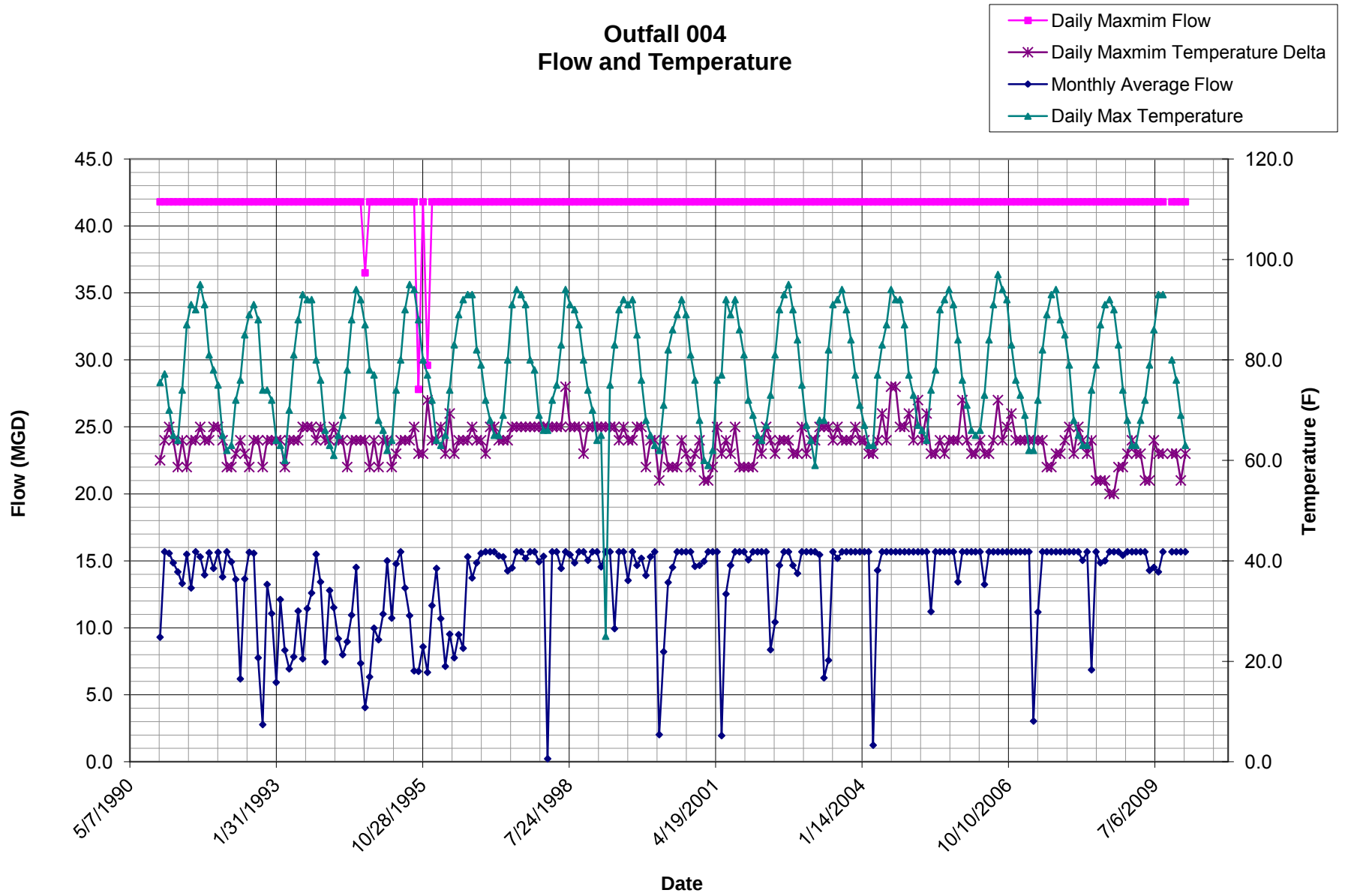
Outfall 003 Flow and Temperature



Outfall 003 Heat Load and Temperature



Outfall 004 Flow and Temperature



Outfall 004 Heat Load and Temperature

