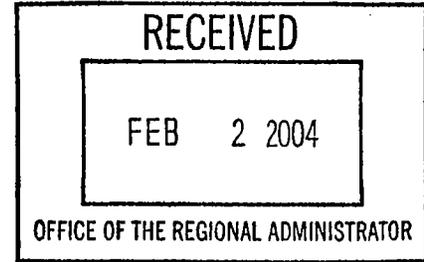




JOHN ELIAS BALDACCI
GOVERNOR

STATE OF MAINE
OFFICE OF THE GOVERNOR
1 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0001

OEP
01-0400021



December 10, 2003

Mr. Robert W. Varney
Regional Administrator
U.S. Environmental Protection Agency
One Congress Street
Boston, MA 02114-2023

RE: Designations for the 24-Hour and Annual PM_{2.5} National Ambient Air Quality Standards

Dear Mr. Varney:

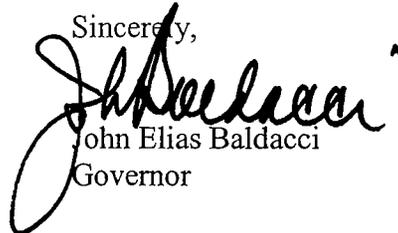
I am pleased to submit Maine's proposed designations under the 24-hour and annual PM_{2.5} standards. In response to your April 1, 2003 letter, I am recommending that all areas in the State of Maine be designated as attainment for both the 24-hour and annual PM_{2.5} NAAQS. This proposal fulfills the State's obligation under the Clean Air Act section 107(d) to designate areas in Maine for the Environmental Protection Agency's fine particle standards.

As recommended by your agency, we have reviewed the State's monitoring data and used that data for the foundation of this proposal. As you will see in the following attachments, monitors in Maine have measured fine particle levels in accordance with the NAAQS since 1999. In addition, preliminary 2003 data shows that the State will remain in attainment of the 24-hour and annual PM_{2.5} NAAQS based on 2001-2003 design values.

As defined by the 2003 census, towns in Maine and New Hampshire are combined in the Portsmouth and Rochester New England City and Town Areas (NECTA). We have reviewed fine particle data from monitors in both states located within the NECTA. Data shows that all towns/cities are expected to be in attainment for both 24-hour and annual PM_{2.5} standards.

I have asked James Brooks, director of the Bureau of Air Quality, to be available (207-287-7044) to answer any questions you may have regarding Maine's submission. At this time, I also reserve the right to amend this proposal after final quality assured 2003 data is available, to ensure that the designations are based on the most recent data.

Sincerely,



John Elias Baldacci
Governor



PRINTED ON RECYCLED PAPER

Attachment

Cc: Senator Olympia Snowe
Senator Susan Collins
Representative Tom Allen
Representative Michael Michaud
Mike Kenyon, U.S. EPA Region 1
Senator John Martin
Representative Ted Koffman
Ken Colburn, NESCAUM
Commissioner Dawn Gallagher, Maine DEP
James Brooks, Maine DEP

Table 1: 24-Hour PM2.5 Historical Data Analysis

Monitor ID	Monitor Name	City	County	24-Hour 98 th Percentile					24-Hour Design Values		
				1999	2000	2001	2002	2003*	99-01	00-02	01-03**
230010011	Country Kitchen	Lewiston	Androscoggin	36	26	33	30	33	32	30	32
230030013	Big Daddy's Restaurant	Madawaska	Aroostook	24	24	25	36	23	24	28	28
230031011	Riverside Street	Presque Isle	Aroostook	22	19	20	33	25	20	24	26
230050015	Tukey's Bridge	Portland	Cumberland	29	35	31	25	39	32	30	32
230050027	Marginal Way	Portland	Cumberland	34	33	33	31	37	33	32	34
230050028	Mechanic's Street	Westbrook	Cumberland	na	21	27	27	na	na	25	na
230050003	Two Lights	Cape Elizabeth	Cumberland	23	21	28	26	na	24	25	na
230090103	McFarland Hill	Bar Harbor	Hancock	17	14	28	26	22	20	23	25
230110016	Lincoln St Elementary	Augusta	Kennebec	26	31	34	29	36	30	31	33
230112002	Corey's Music	Waterville	Kennebec	na	27	33	29	37	na	30	33
230132001	Mitchell Property	Thomaston	Knox	na	18	31	20	na	na	23	na
230172011	Rumford Avenue	Rumford	Oxford	22	25	27	29	32	25	27	29
230190002	Pump Station	Bangor	Penobscot	26	23	31	27	34	27	27	31
230194003	Marsh Island Apts.	Old Town	Penobscot	26	24	30	25	na	27	26	na
230310008	Front Street	Saco	York	48	24	26	28	33	33	26	29

*Most recent quality assured 2003 data (from EPA AIRDATA)

**Design value based on the most recent 2003 data

na: 3-years of data not available

Table 2: Annual PM2.5 Historical Data Analysis

Monitor ID	Monitor Name	City	County	Annual Mean					Annual Design Values		
				1999	2000	2001	2002	2003*	99-01	00-02	01-03**
230010011	Country Kitchen	Lewiston	Androscoggin	10.0	9.6	11.3	10.5	11.3	10.3	10.5	11.0
230030013	Big Daddy's Restaurant	Madawaska	Aroostook	10.6	10.4	11.4	11.8	12.1	10.8	11.2	11.2
230031011	Riverside Street	Presque Isle	Aroostook	8.1	7.6	8.3	9.1	10.0	8.0	8.3	9.1
230050015	Tukey's Bridge	Portland	Cumberland	11.9	11.0	12.0	10.1	12.7	11.6	11.0	11.6
230050027	Marginal Way	Portland	Cumberland	10.0	10.8	11.8	11.3	13.4	10.9	11.3	12.2
230050028	Mechanic's Street	Westbrook	Cumberland	na	9.4	10.4	9.6	na	na	9.8	na
230050003	Two Lights	Cape Elizabeth	Cumberland	7.9	8.3	8.8	7.8	na	8.3	8.3	na
230090103	McFarland Hill	Bar Harbor	Hancock	5.8	5.6	6.6	6.0	6.7	6.0	6.1	6.5
230110016	Lincoln St Elementary	Augusta	Kennebec	9.6	9.6	10.8	9.2	11.6	10.0	9.9	10.5
230112002	Corey's Music	Waterville	Kennebec	na	10.2	11.3	9.1	11.4	na	10.2	10.6
230132001	Mitchell Property	Thomaston	Knox	na	6.0	7.6	6.3	na	na	6.6	na
230172011	Rumford Avenue	Rumford	Oxford	10.2	10.2	10.8	9.0	10.0	10.4	10.0	9.9
230190002	Pump Station	Bangor	Penobscot	9.0	9.1	10.1	10.4	10.9	9.4	9.9	10.5
230194003	Marsh Island Apts.	Old Town	Penobscot	8.6	8.3	9.8	9.1	na	8.9	9.1	na
230310008	Front Street	Saco	York	10.3	9.4	10.0	9.0	9.9	9.9	9.5	9.6

* Most recent quality assured 2003 data (from EPA AIRDATA)

**Design value based on the most recent 2003 data

na: 3-years of data not available

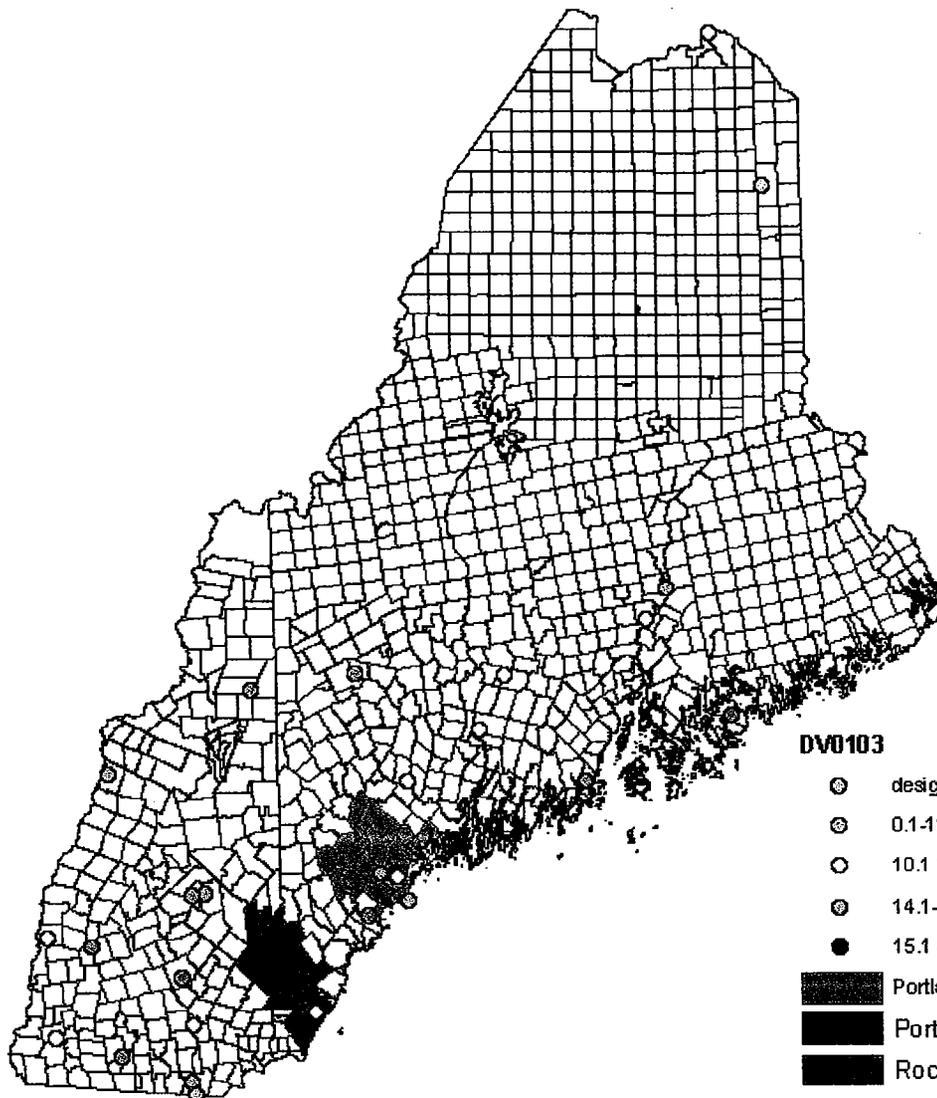
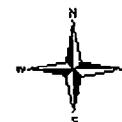
Table 3: Recommended Designations of 24-Hour and Annual PM2.5 NAAQS in Maine

Designated Area	Designation Type 24-Hour PM2.5 NAAQS	Designation Type Annual PM2.5 NAAQS
Androscoggin County: All towns/cities	Attainment	Attainment
Aroostook County: All towns/cities	Attainment	Attainment
Cumberland County: All towns/cities	Attainment	Attainment
Franklin County All towns/cities	Attainment	Attainment

Hancock County: All towns/cities	Attainment	Attainment
Kennebec County All towns/cities	Attainment	Attainment
Knox County: All towns/cities	Attainment	Attainment
Lincoln County: All towns/cities	Attainment	Attainment
Oxford County: All towns/cities	Attainment	Attainment
Penobscot County: All towns/cities	Attainment	Attainment
Piscataquis County: All towns/cities	Attainment	Attainment
Sagadahoc County: All towns/cities	Attainment	Attainment
Somerset County: All towns/cities	Attainment	Attainment
Waldo County: All towns/cities	Attainment	Attainment
Washington County: All towns/cities	Attainment	Attainment
York County: All towns/cities	Attainment	Attainment



Annual PM2.5 Design Values for the ME/NH Region (2001-2003)



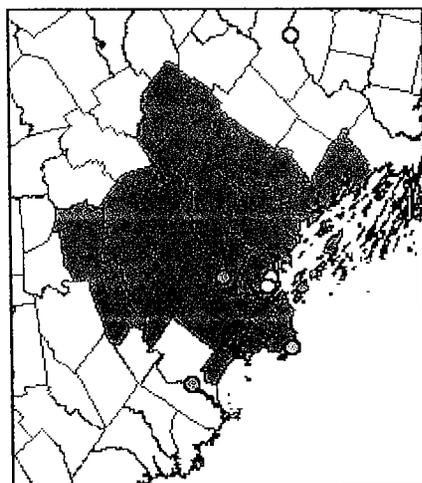
DV0103

- design value not available
- 0.1-10.0 ug/m³
- 10.1-14.0 ug/m³
- 14.1-15.0 ug/m³
- 15.1 ug/m³ and higher

- Portland MSA
- Portsmouth NECTA
- Rochester Dover NECTA

NECTA: New England City and Town Area

Portland MSA

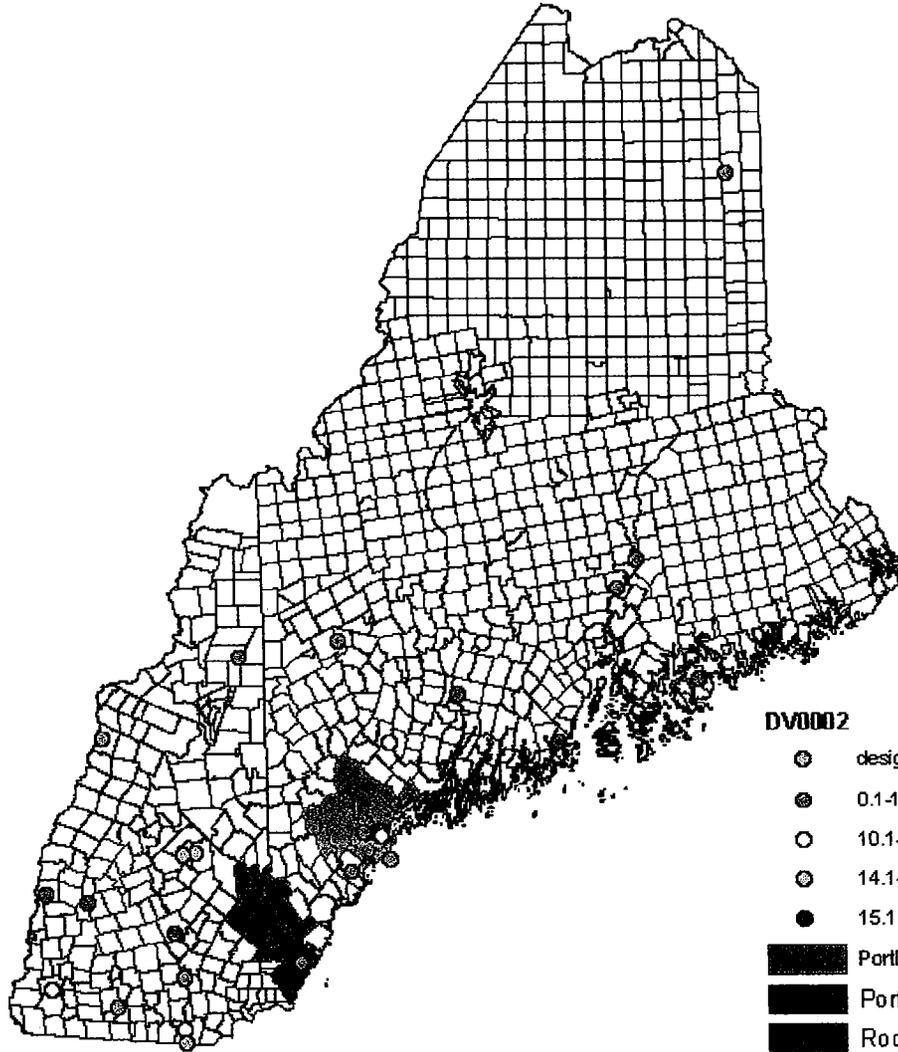
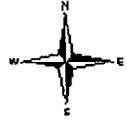


Portsmouth, NH Area





Annual PM2.5 Design Values for the ME/NH Region (2000-2002)



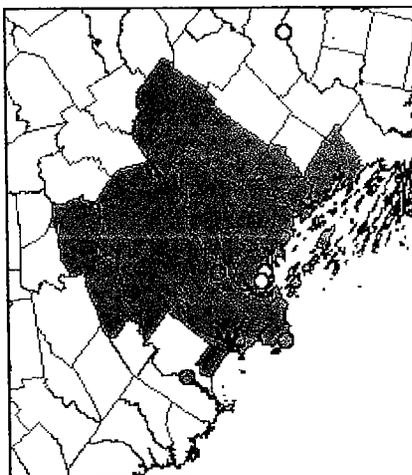
DV0002

- ⊙ design value not available
- ⊙ 0.1-10.0 ug/m³
- 10.1-14.0 ug/m³
- ⊙ 14.1-15.0 ug/m³
- 15.1 ug/m³ and higher

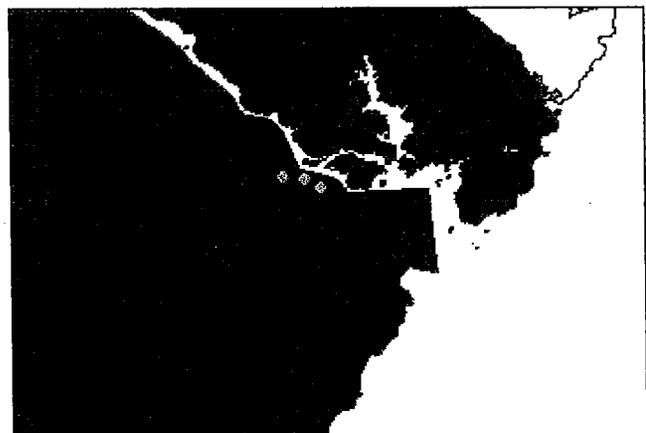
- Portland MSA
- Portsmouth NECTA
- Rochester Dover NECTA

NECTA: New England City and Town Area

Portland MSA

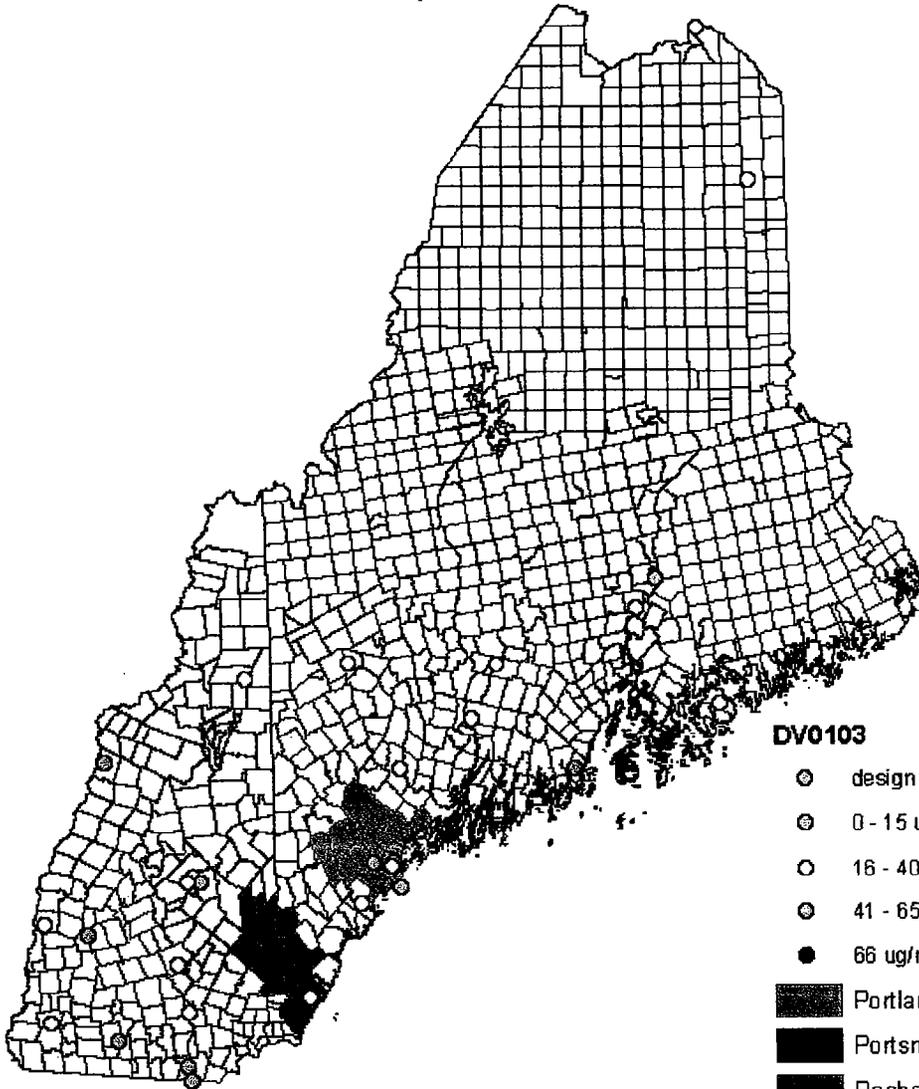


Portsmouth, NH Area





24-Hour PM_{2.5} Design Values for the ME/NH Region (2001-2003)



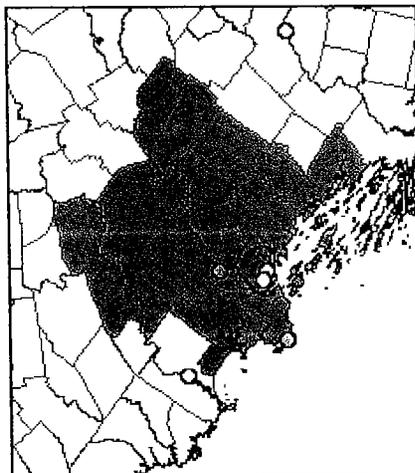
DV0103

- design value not available
- 0 - 15 ug/m³
- 16 - 40 ug/m³
- 41 - 65 ug/m³
- 66 ug/m³ and higher

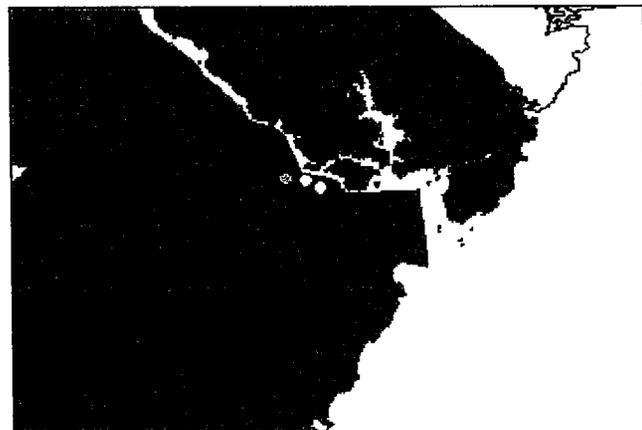
- Portland MSA
- Portsmouth NECTA
- Rochester Dover NECTA

NECTA: New England City and Town Area

Portland MSA

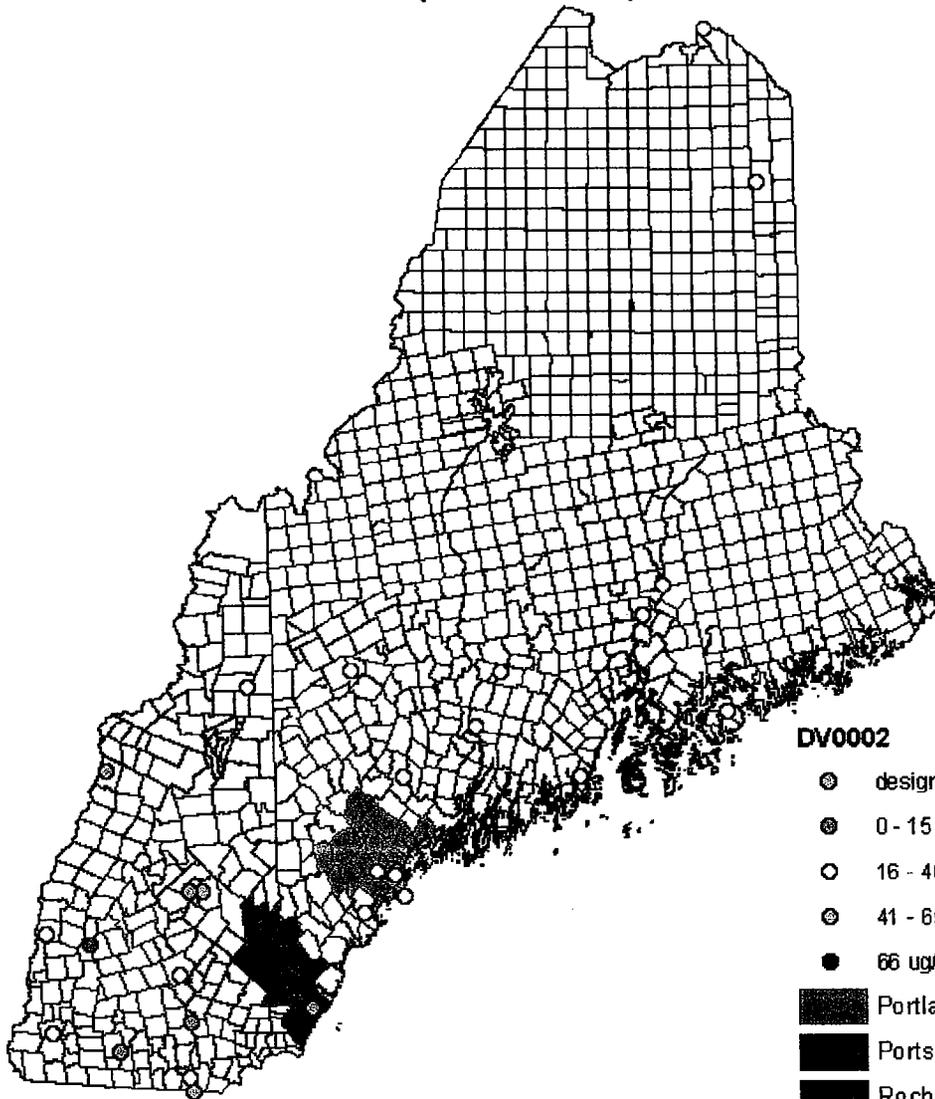


Portsmouth, NH Area





24-Hour PM2.5 Design Values for the ME/NH Region (2000-2002)



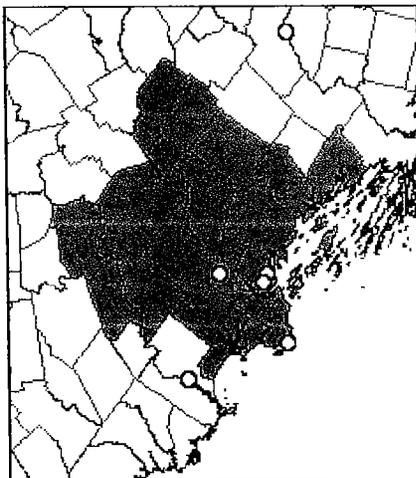
DV0002

- ⊙ design value not available
- 0 - 15 ug/m³
- 16 - 40 ug/m³
- ⊙ 41 - 65 ug/m³
- 66 ug/m³ and higher

- Portland MSA
- Portsmouth NECTA
- Rochester Dover NECTA

NECTA: New England City and Town Area

Portland MSA



Portsmouth, NH Area

