

Air and Climate Programs in Massachusetts



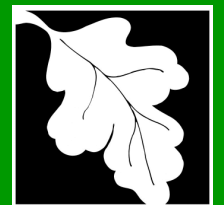
Nancy L. Seidman
Deputy Assistant Commissioner
Massachusetts Department of Environmental Protection
September 21, 2009
NACAA Membership Meeting

Welcome to Massachusetts!



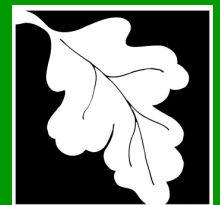
MA Environmental Programs

- Criteria Pollutants
- Climate Strategies
- Multi-Media Organization



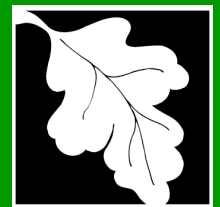
Significant New Environmental Legislation in 2008

- Green Communities Act
- Global Warming Solutions Act
- Biofuels Legislation
- Oceans Management
- Green Jobs



MA Air Quality Programs

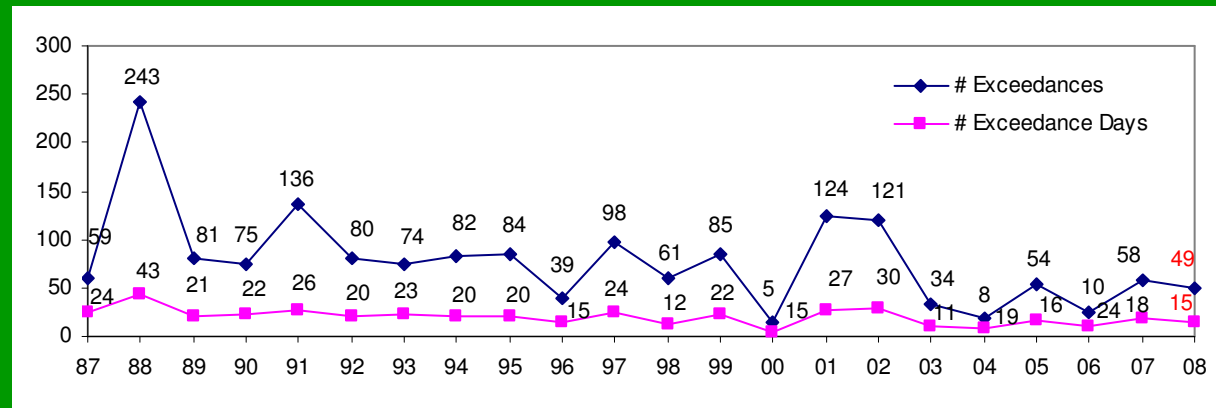
- Nonattainment
 - Ozone
- Attainment - all other criteria pollutants but
 - PM2.5 (barely)



Ozone & PM Trends

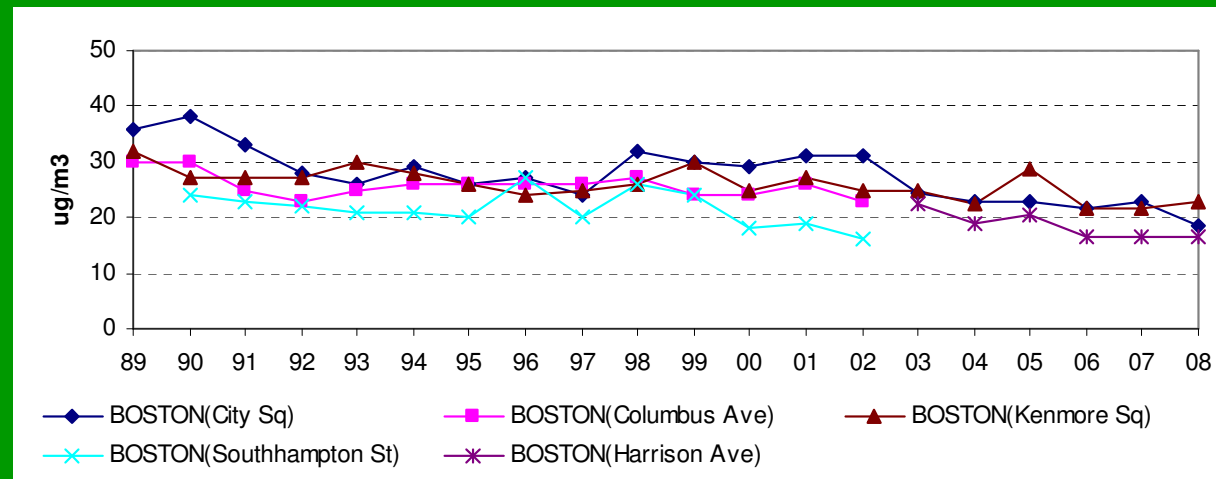
Ozone

8-hr Exceedances



PM2.5

Annual Mean
in Boston





dep home > air > air quality & monitoring



MassDEP Quick Links:



About MassDEP

Public Participation & News

Air & Climate

- ⌘ reports, plans, & data
- ⌘ **air quality & monitoring**
- ⌘ laws, regulations & policies
- ⌘ permits, reporting & forms
- ⌘ grants & assistance
- ⌘ programs & initiatives
- ⌘ publications & fact sheets

Water, Wastewater & Wetlands

Waste & Recycling

Toxics & Hazards

Cleanup of Sites & Spills

Service Center

- [Calendar](#)
- [My Community](#)
- [Online Services](#)
- [Regional Offices](#)
- [Report Pollution](#)



Now & Forecast

Trends & Data

Pollutants & Standards

My Community

[Current Max](#) | [Forecast](#) | [Ozone](#) | [Fine Particles \(PM2.5\)](#) | [CO](#) | [SO2](#) | [NO2](#) |



Air Quality Alert

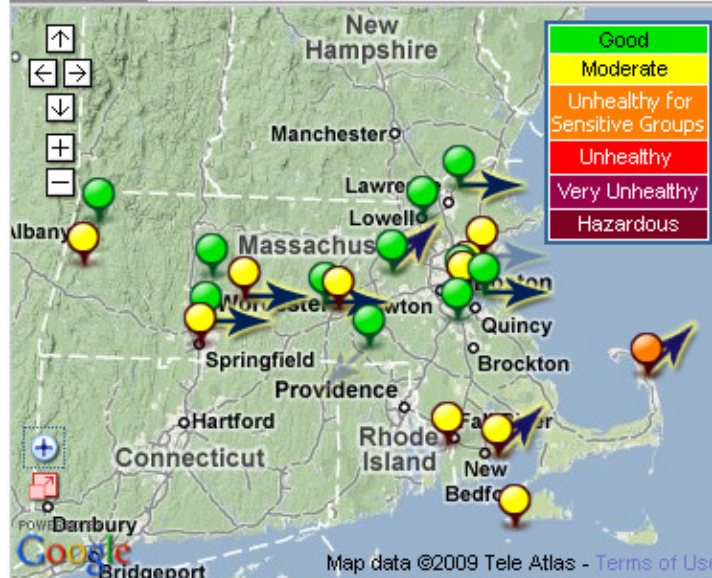
Max AQI Alert - People with heart or lung disease, older adults, and children should reduce prolonged or heavy exertion outdoors.

MassAir Online

Current Max Pollution Level (8/26/2009 3PM ~ 4PM)

Map View

Table View



Display wind direction and speed

[Zoom to Boston](#)

= Enlarge and shrink map

[Data Disclaimer](#)

Alerts & Questions

[Sign up for Alerts](#)

[FAQs about this map](#)

[Ask a question/give feedback](#)

Haze Cams

08/26/2009 04:30 PM

[View Boston haze cams](#)

Learn More

[Graph levels for the day, week, or year/s](#)

[Health Effects](#)

[What you can do](#)

[Levels in Neighboring States](#)



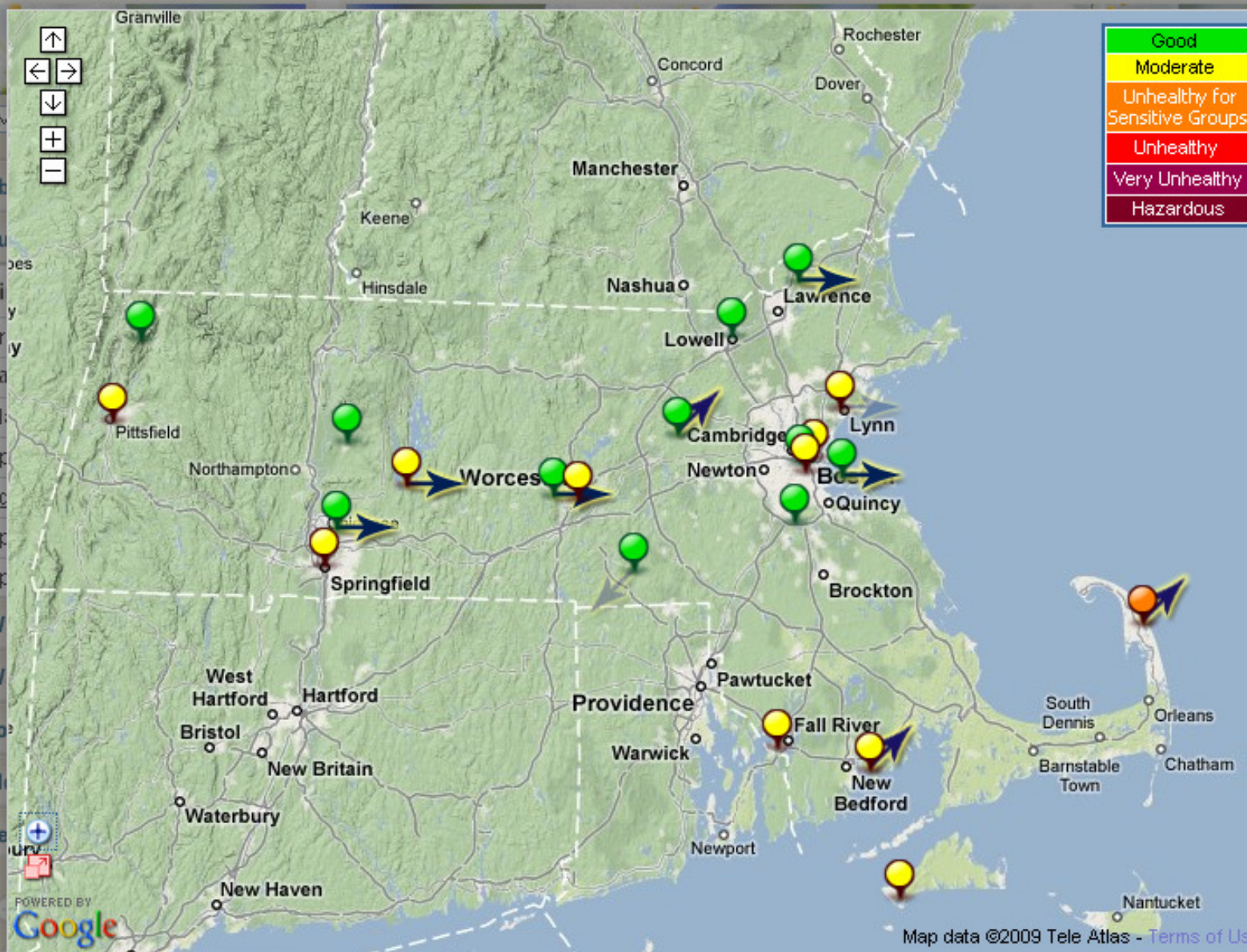
MassDEP

Massachusetts Department of Environmental Protection

[site map](#) [contacts](#) [search:](#)

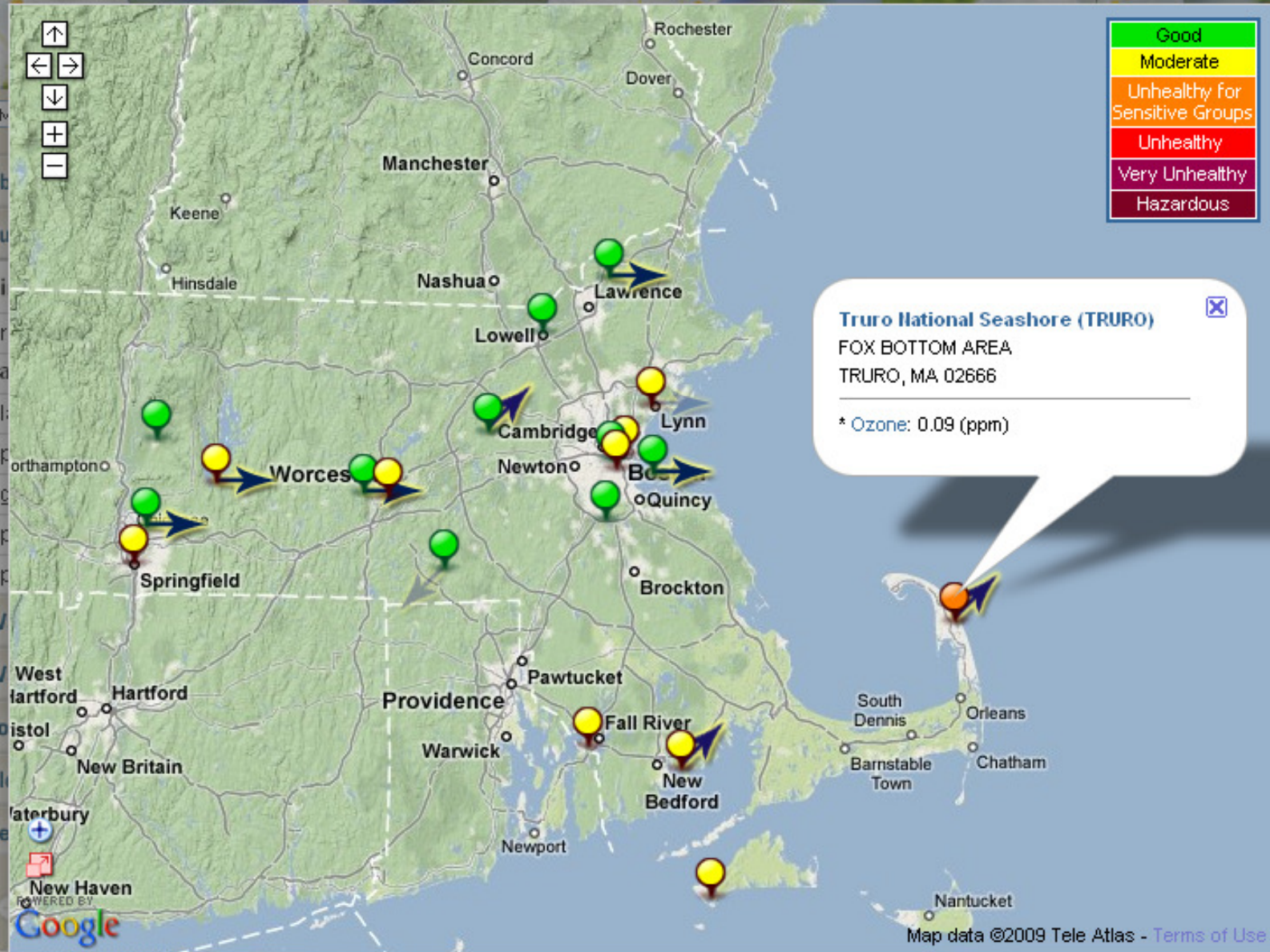
find

[dep home](#) > [air](#) > [air quality & monitoring](#)





dep home > air > air quality & monitoring





MassDEP Quick Links:

About MassDEP

Public Participation & News

Air & Climate

- reports, plans, & data
- air quality & monitoring**
- laws, regulations & policies
- permits, reporting & forms
- grants & assistance
- programs & initiatives
- publications & fact sheets

Water, Wastewater & Wetlands

Waste & Recycling

Toxics & Hazards

Cleanup of Sites & Spills

Service Center

- Calendar
- My Community
- Online Services
- Regional Offices
- Report Pollution



Now & Forecast

Trends & Data

Pollutants & Standards

My Community

[Trends By Pollutant](#) | [Trends By Site](#) | [Get Data](#) | [Reports & Studies](#) |

MassAir Online

Select data for your graph to display:

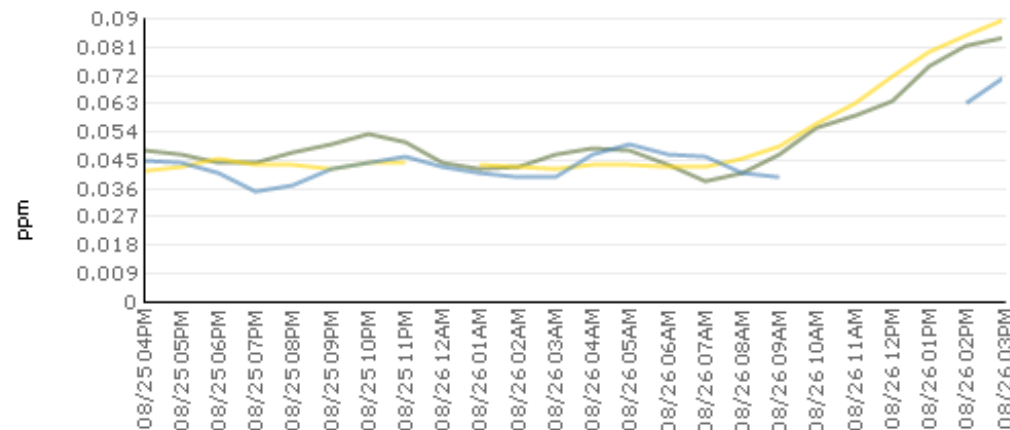
Pollutant: Period:

Calculation: Region:

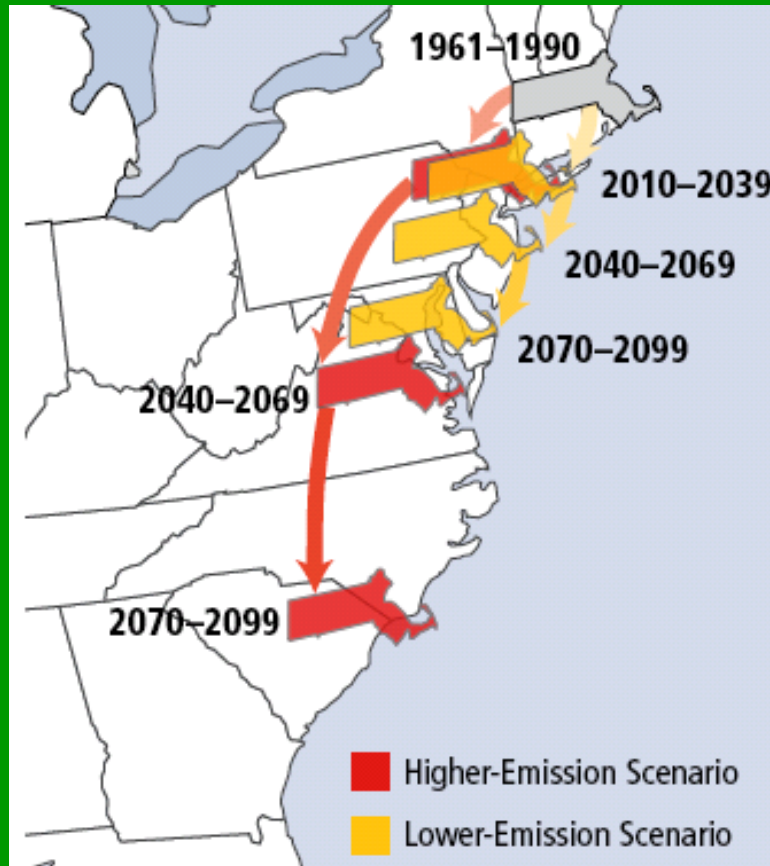
Monitor Sites: Fairhaven Leroy Wood School Truro National Seashore Wampanoag Tribe Of Gay Head Show AQI

Graph View

Table View

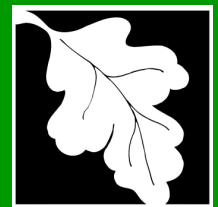


Climate Change: Massachusetts Impacts



Source: UCS, 2007

- Rising Sea Levels →
Coastal Erosion
- Warmer Water →
Degraded Habitats
- Hotter Summers →
Health Impacts
More Droughts
- Warmer Winters →
Less Maple Syrup
Less Snow/ Skiing



MassDEP

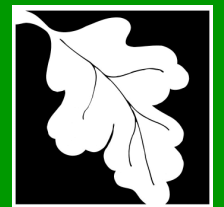
MA Climate Programs

- 2020 Target at 10%-25% Below 1990
- 80% Below 1990 by 2050
- 1990 Inventory & 2020 Forecast
- Mandatory Reporting Begins in 2009 at Greater Than 5,000 tpy
- Link to GWSA Legislation & More Info:
[http://www.mass.gov/dep/air/climate/index
.htm](http://www.mass.gov/dep/air/climate/index.htm)



MA Environmental Programs

- Multi-Media Organization since 1996
- Multi-Media Permits, Inspections & C/E
- Sample Issues: Mercury, Climate Change, Energy, Solid waste
- Energy & Environmental Agencies Linked at Cabinet level



Thank You!

Contact Information:

Nancy L. Seidman

Deputy Assistant Commissioner

Massachusetts Department of Environmental Protection

(617) 556-1020

Nancy.Seidman@state.ma.us

<http://www.mass.gov/dep/air/>

Enjoy Your Stay in Massachusetts!

