

Eight-Hour Ozone Standard

75ppb Ozone NAAQS

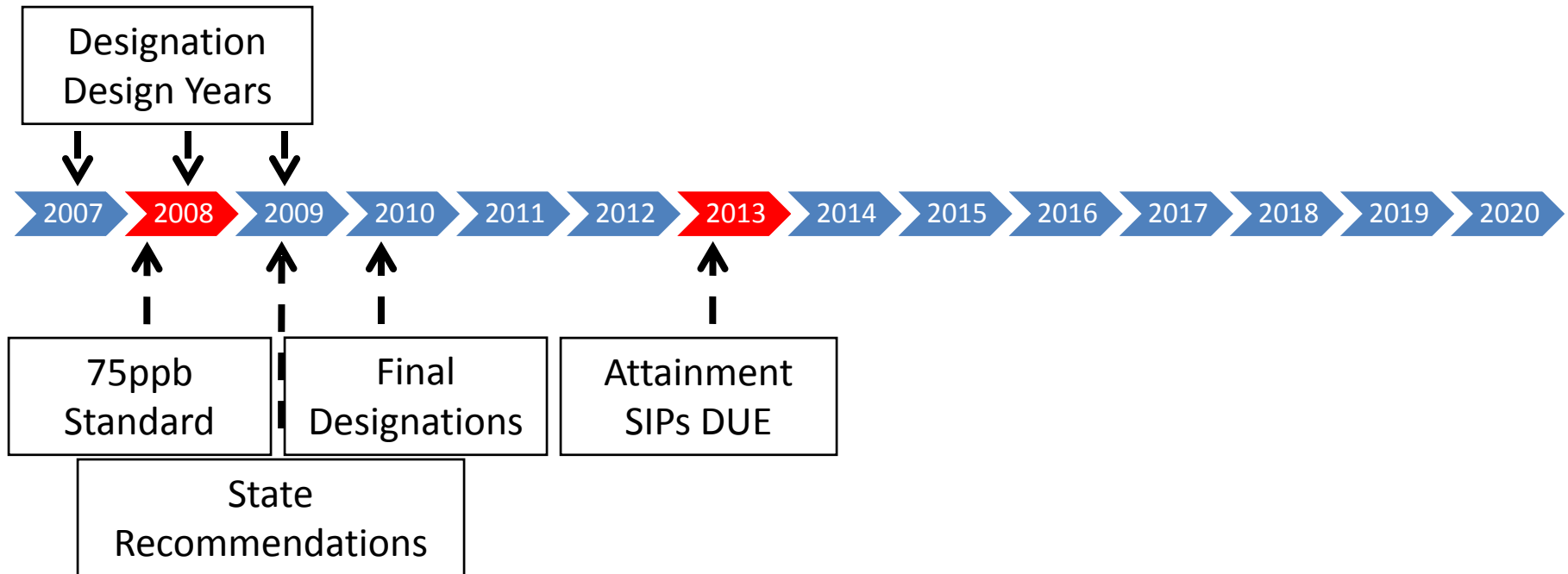
SIP Planning

Overview

- Attainment / Nonattainment Designations
- Attainment Date
- Air Quality Data
- SIP Development Timeline
- Committee Efforts to Develop Control Measure Recommendations

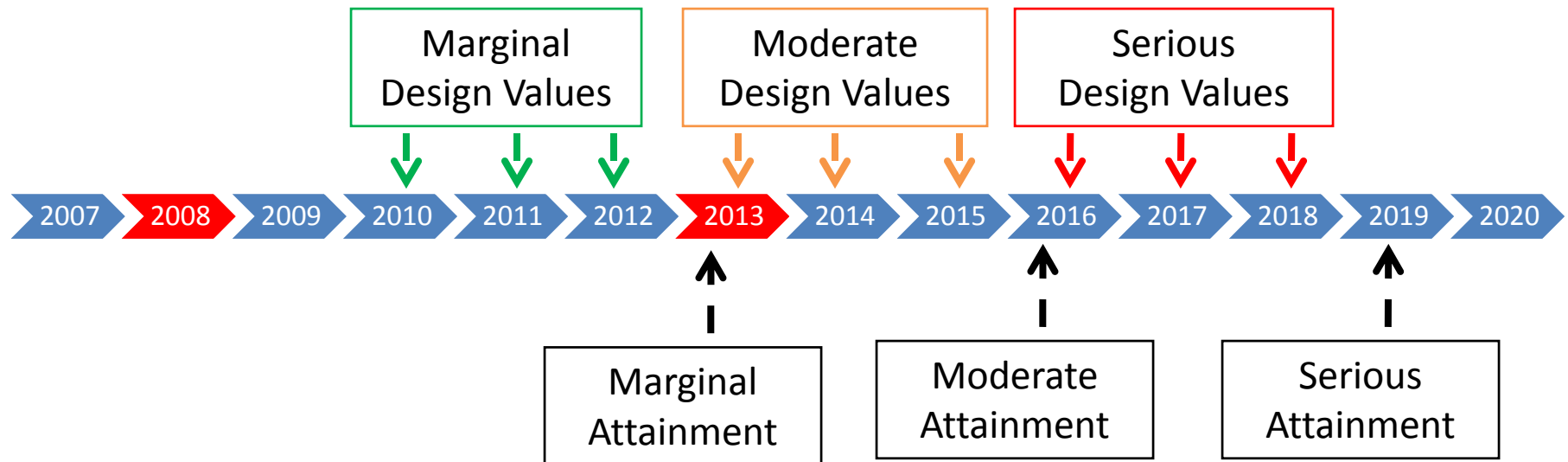
Designation and SIP Schedule

- State Recommendations Area Attainment / Nonattainment Designation using 2006, 2007, 2008 Data
- USEPA Finalizes Area Attainment / Nonattainment Designation using 2007, 2008, 2009 Data



Attainment Date

- Based on the Classification of the Area
- Attainment is based on the Design Values Statistic,
3 years of Data
- Classifications Thresholds Set by USEPA Rule

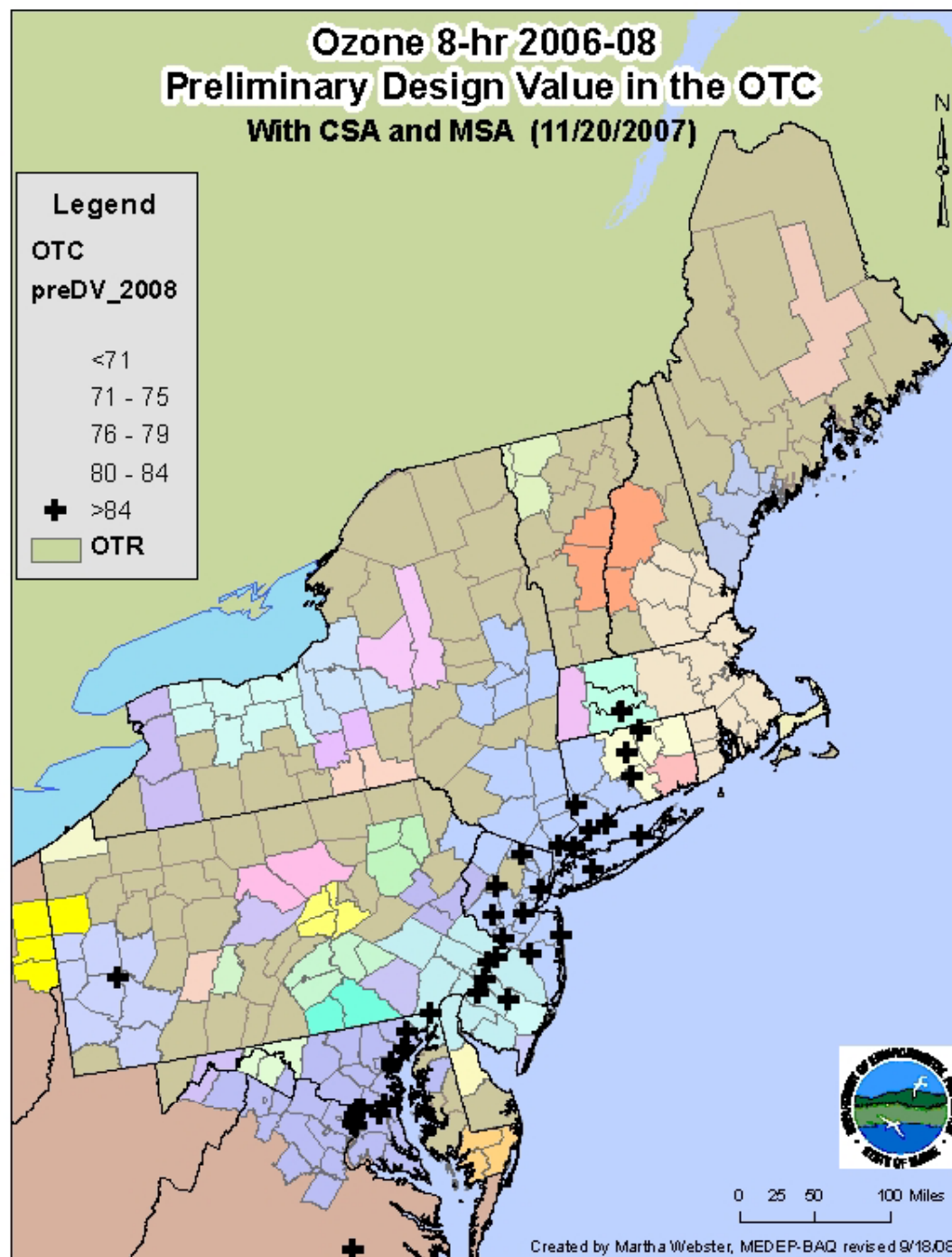


Health Concerns

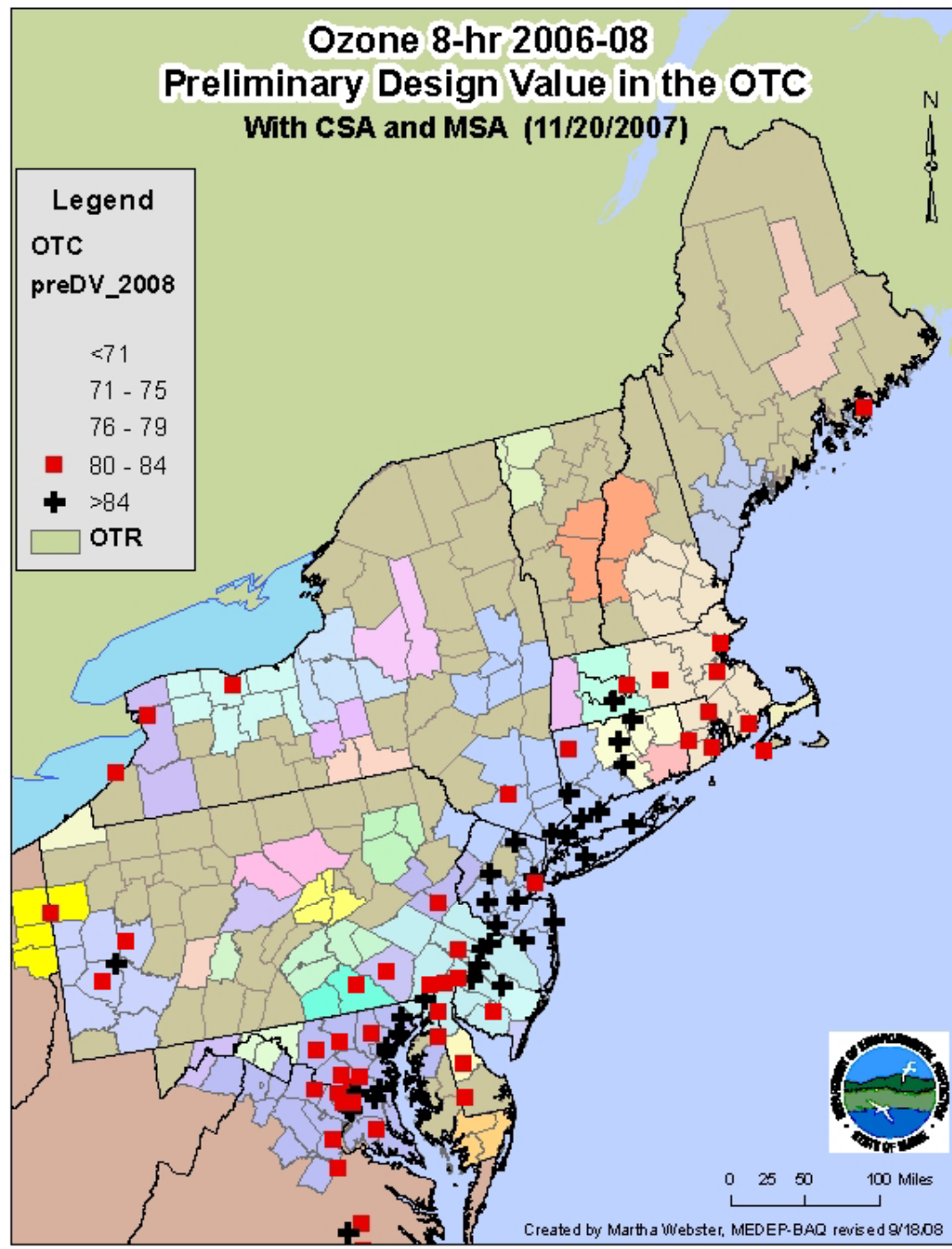
- “as expeditiously as practicable”
 - To protect public health, the Clean Air Act specifies that attainment should be achieved as expeditiously as practicable
- Attaining the 75 ppb ozone standard will provide an estimated \$362 Million - \$1.4 Billion in public health benefits in the OTR over the 2018 ozone season.

Air Quality Monitoring

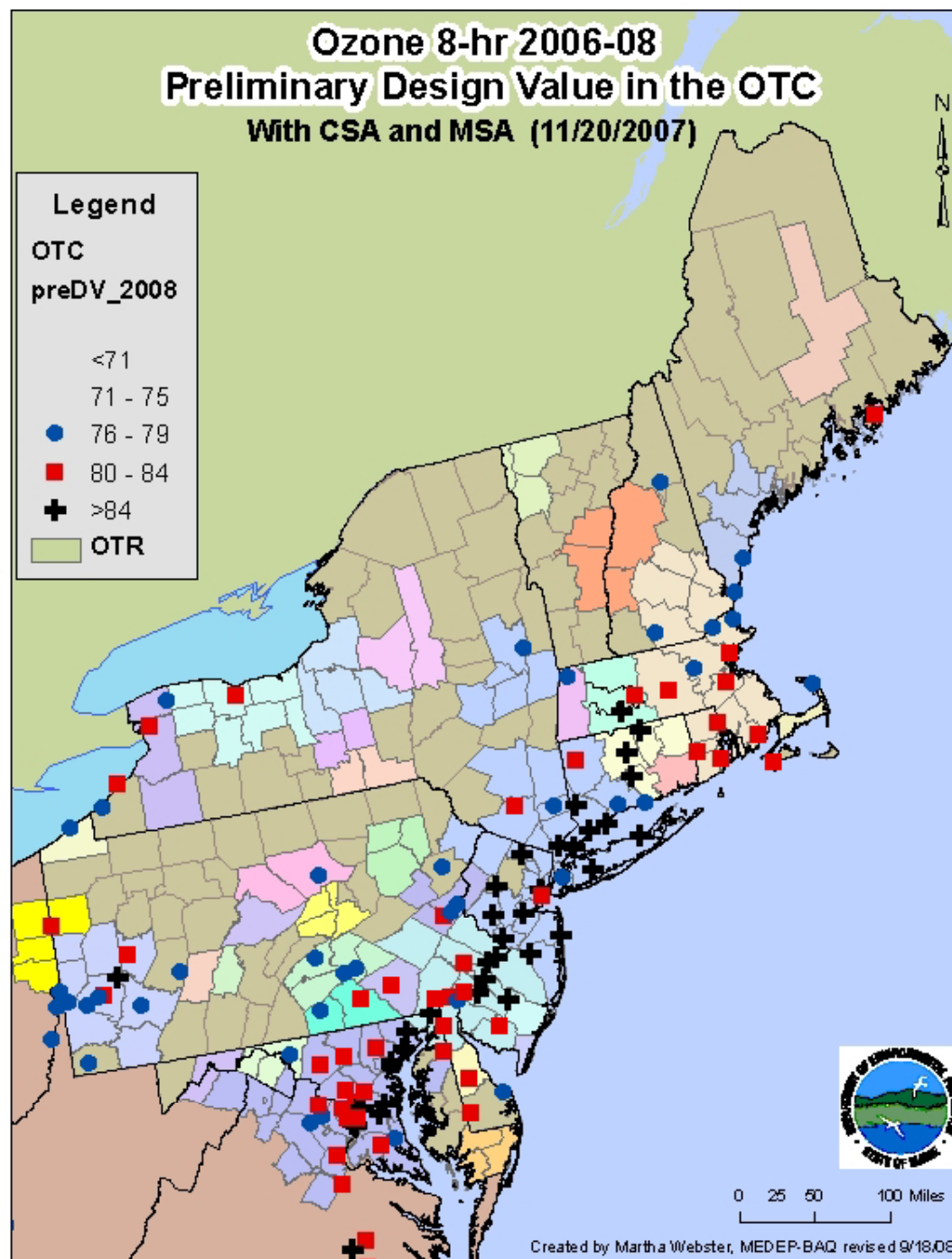
- Design Values – three year average of the fourth highest eight-hour ozone reading of each season
- The following are data from the 2006-2008 period. The 2008 data is undergoing quality assurance and may change.



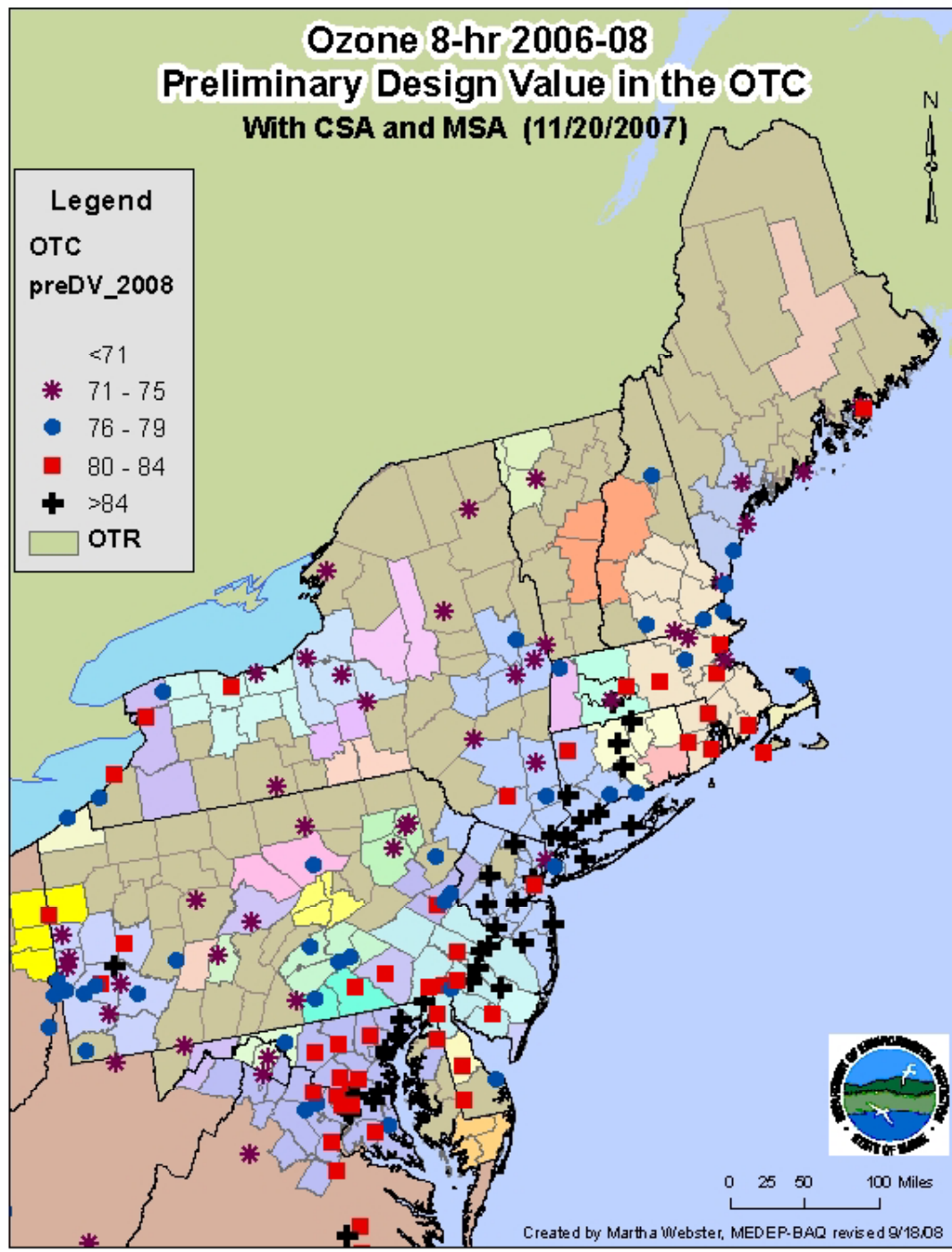
**Preliminary not
QA'd data as of
September 17**



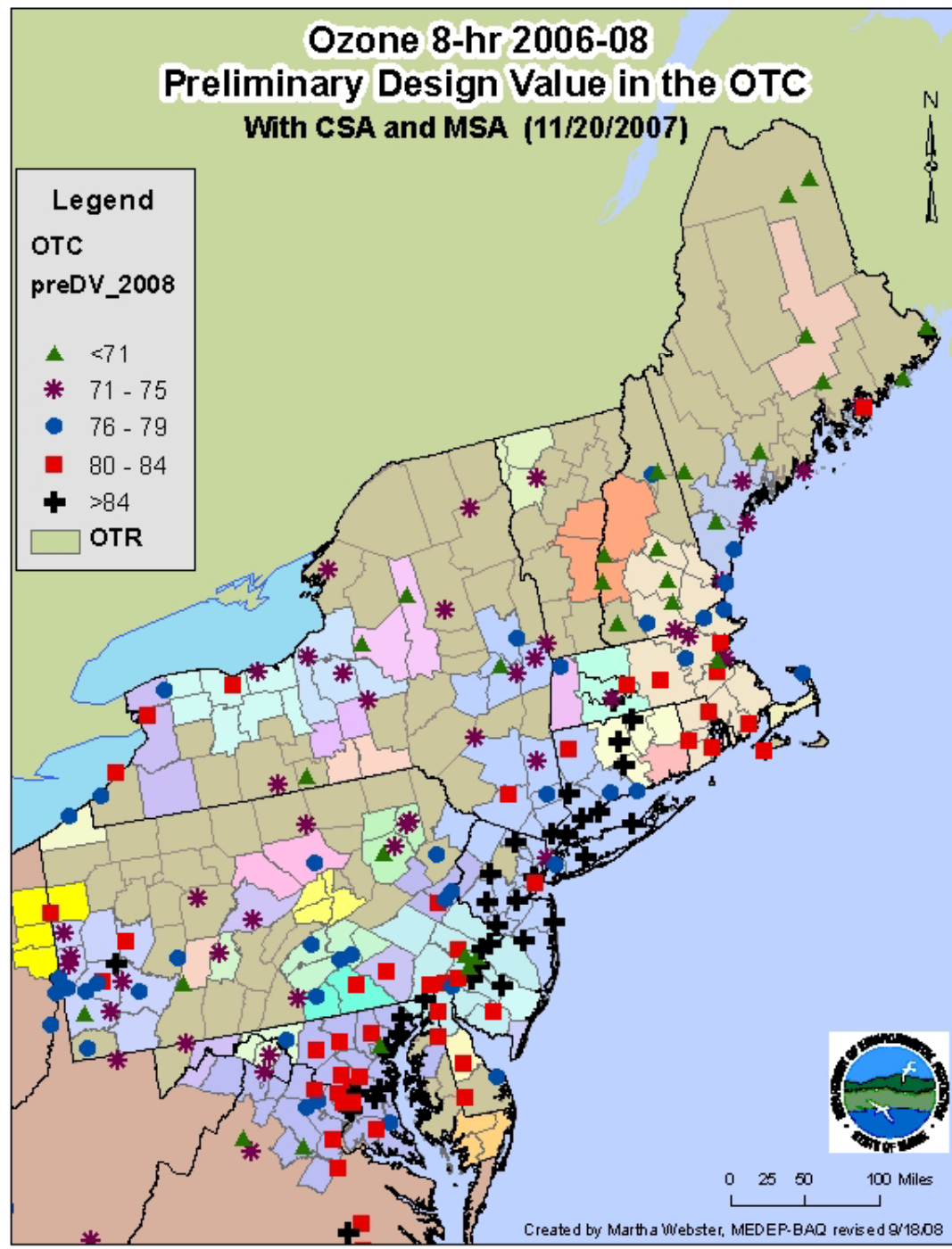
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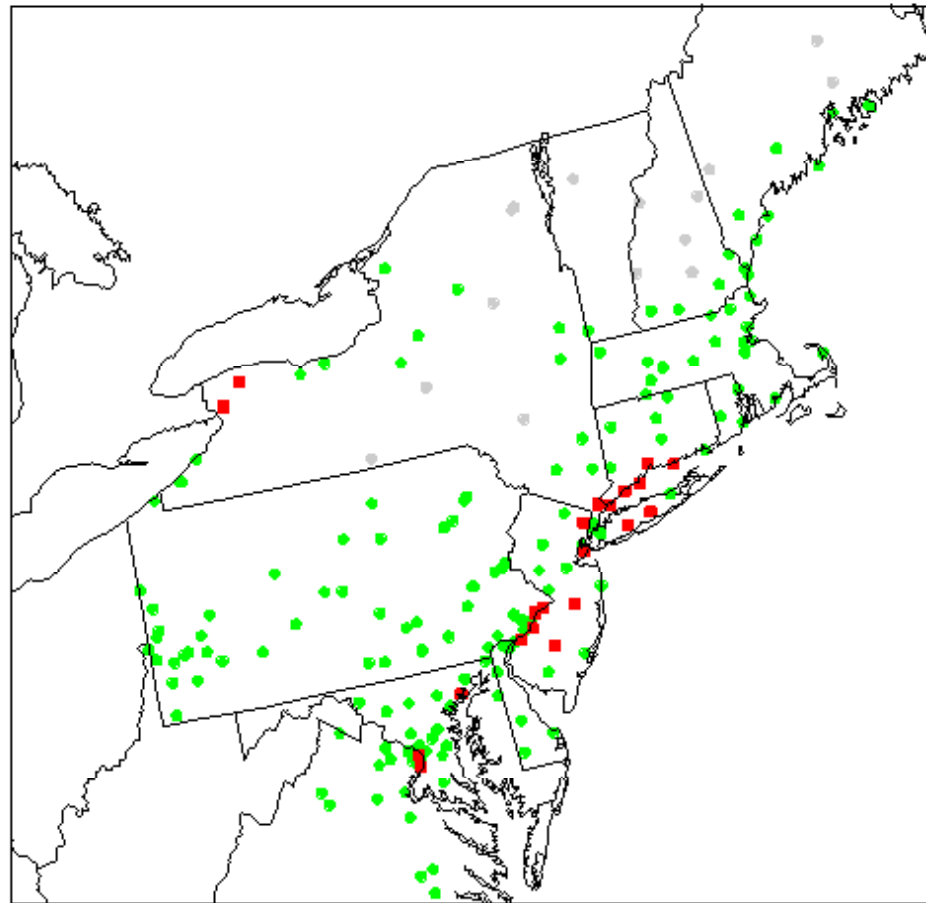


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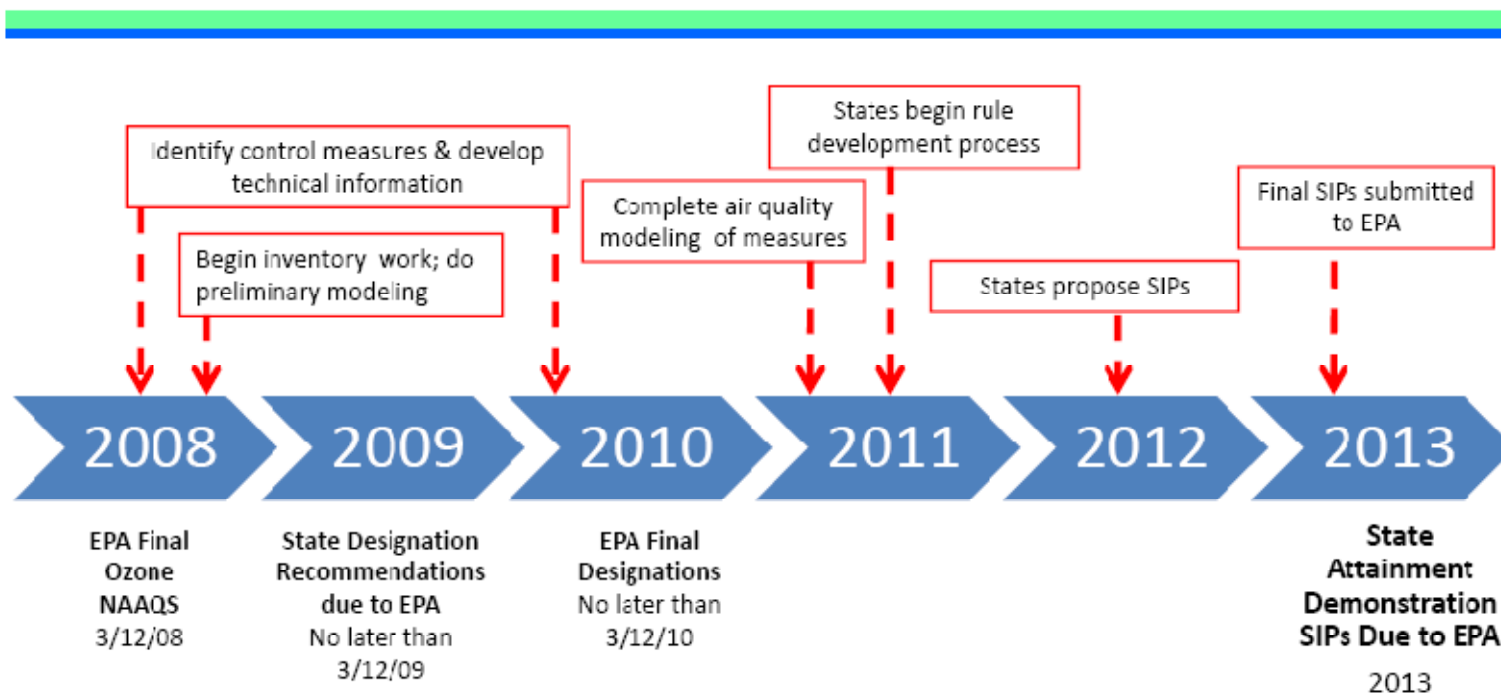
Previous OTC SIP Modeling of 2018



● ≤ 75 ppb ■ > 75 ppb
● No RRF Available

- Beyond-on-the-way regional measures from a 2002 base
- Includes Benefits from the CAIR

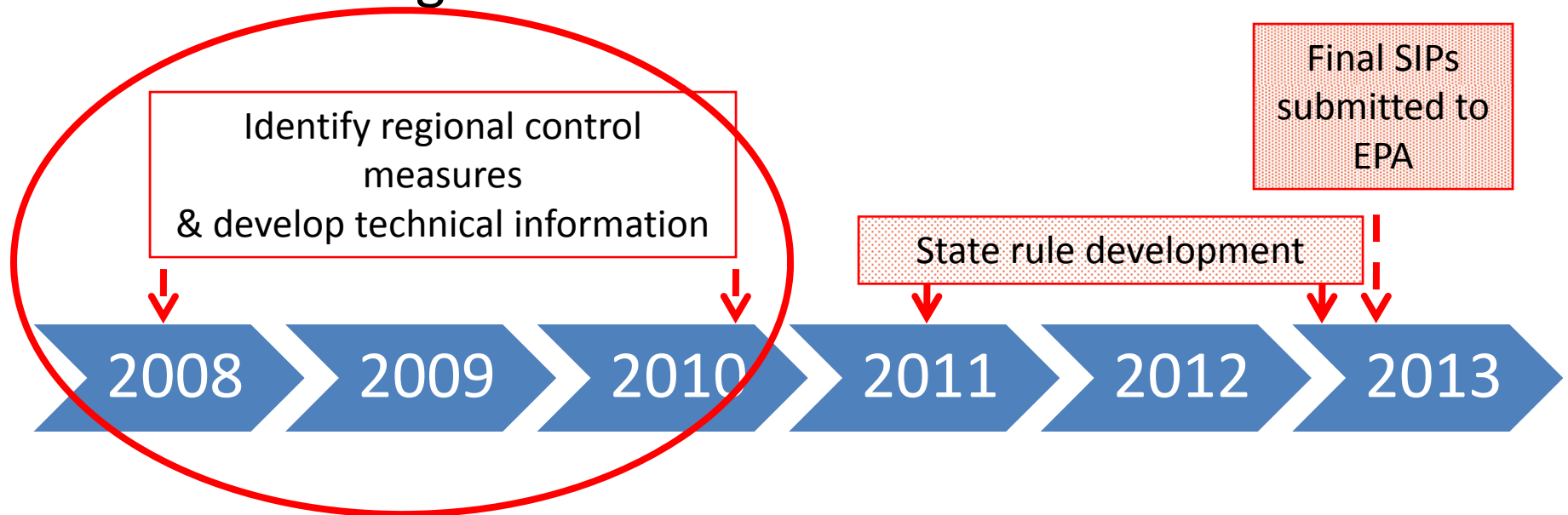
SIP Timeline for New O₃ NAAQS



2008 Ozone NAAQS Attainment Dates 2013 - 2030

OTC Strategy Development

- Stationary and Area Source Committee
- Mobile Source Committee
- Modeling Committee



Committee Recommendations

- Program Requirements / Control Level
- Appropriate Format, e.g., model rule, performance standard, etc.
- Technical Support Information

Charge to the OTC Committees

- Develop control measure options for consideration by the Commission
 - Air quality impacts
 - Cost analyses
- Initial package of regional measures,
 - Recommendations by first quarter 2009.
 - Modeling by the end of 2009

Committee Short Term Time Line

Dec – Jan – Committees Organize & Identify
Potential List of Measures

Jan – Feb – Committee Meetings
Review Potential Measure Lists
Solicit Input for Other Measures to
Consider

Mar – Apr – Committees Recommend Initial
Measures

Apr – Jun – Committees Develop Technical Support
Information & Work on Identifying
Second Round of Measures for
Consideration

SIP Development Efforts

- States working regionally and across regions on modeling and inventory development
 - Estimating emissions reductions
 - Sharing resources, coordinating modeling centers
 - Screening and SIP Quality Modeling
- States working regionally to develop control options for SIPs to provide:
 - Regional consistency on measures
 - Consistent information for technical analysis

SIP Timeline for New O₃ NAAQS

