



Department of the Environment

The Revised 8-hour Ozone Standard

Options for Maryland

February 25 2009



Option 1

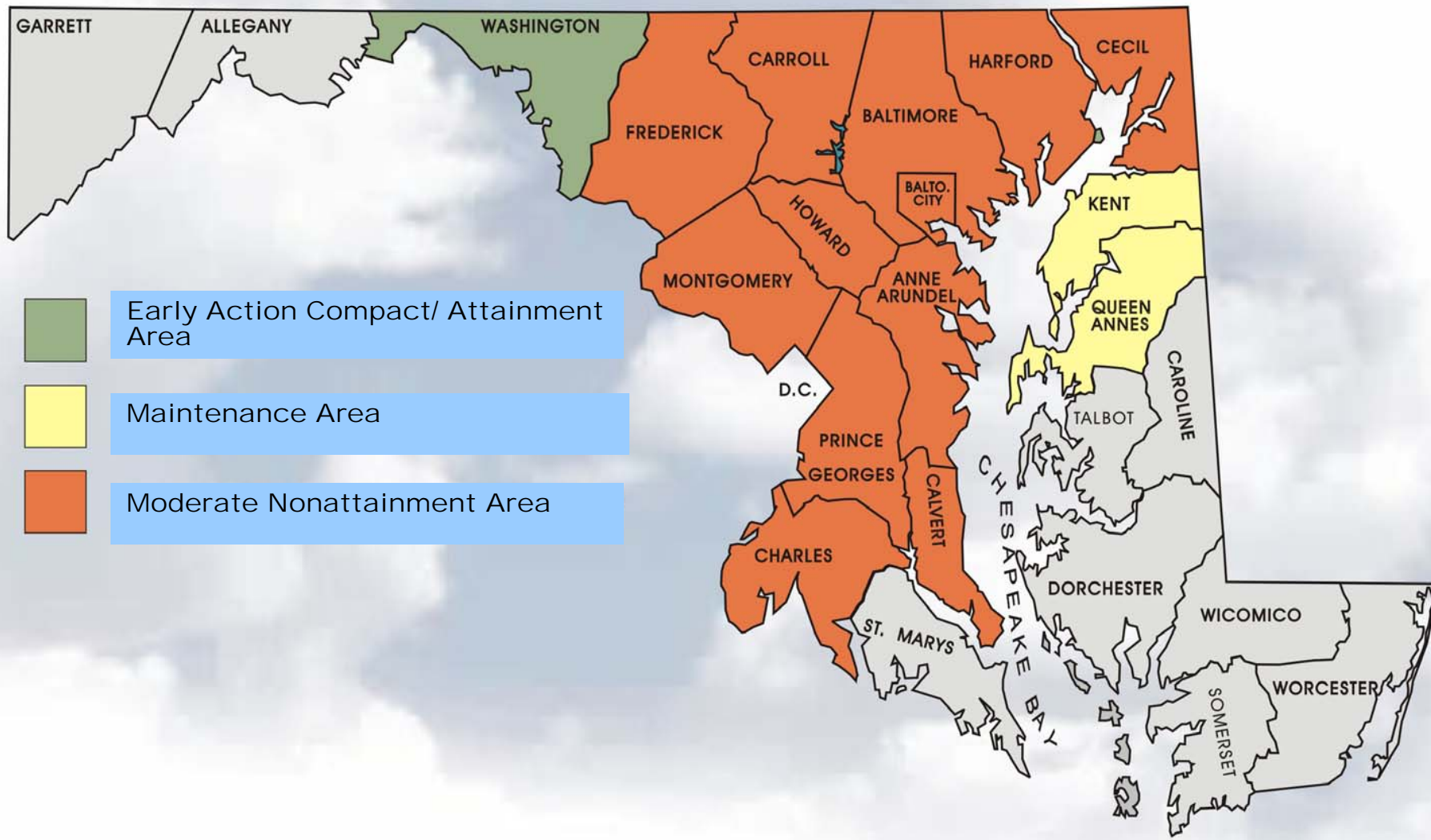
- EPA keeps the existing nonattainment designation structure as follows:
 - Washington, DC Area
 - Baltimore Area
 - Hagerstown-West Virginia Panhandle Area (Washington County)
 - Philadelphia-Wilmington-Trenton Area (Cecil County)
 - Upper Eastern Shore Area (Kent & Queen Anne's Counties)

Option 2

- EPA designates the entire state as nonattainment
- Existing nonattainment area structure is kept intact for planning purposes



Existing 8-hour Ozone Areas



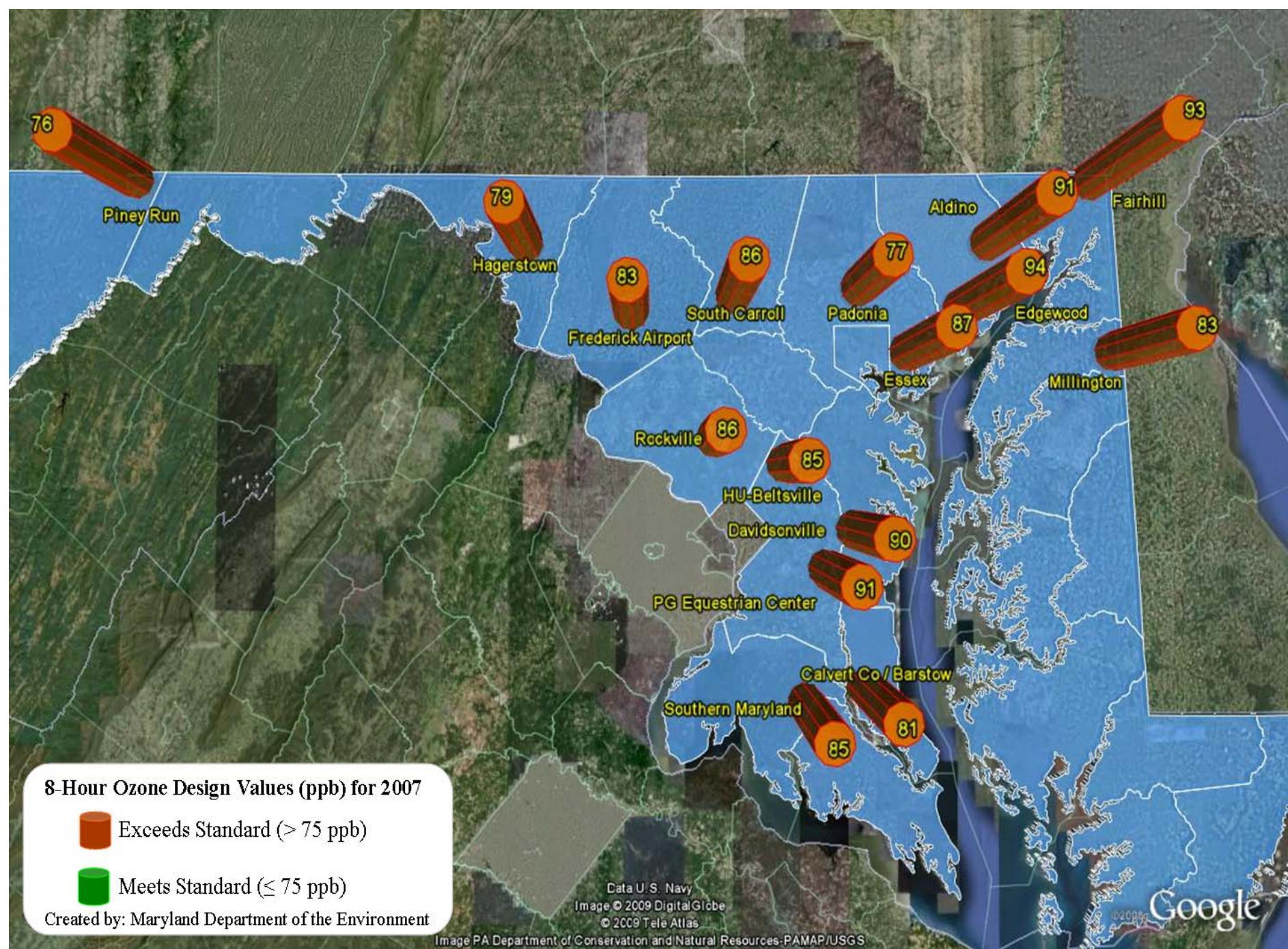


Maryland 2008 DRAFT Design Values

AQS Code	Monitor	County	AQS QA'd 2006-08 DV
240230002	Piney Run	Garrett	73
240430009	Hagerstown	Washington	78
240090011	Calvert Co.	Calvert	79
240051007	Padonia	Baltimore	80
240210037	Frederick Co.	Frederick	82
240170010	Southern Maryland	Charles	82
240330030	HU-Beltsville	Prince Georges	83
240290002	Millington	Kent	83
240130001	South Carroll	Carroll	83
240313001	Rockville	Montgomery	84
240053001	Essex	Baltimore	85
240030014	Davidsonville	Anne Arundel	87
240338003	PG County Eques. Ctr.	Prince Georges	87
240259001	Aldino	Harford	89
240150003	Fair Hill	Cecil	90
240251001	Edgewood	Harford	91

8-Hour Ozone Design Values for 2007:

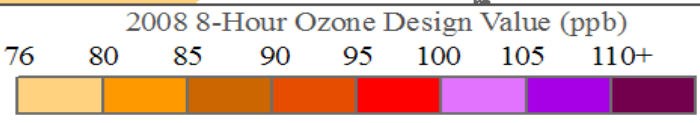
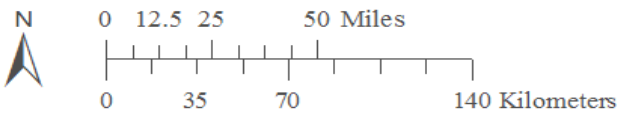
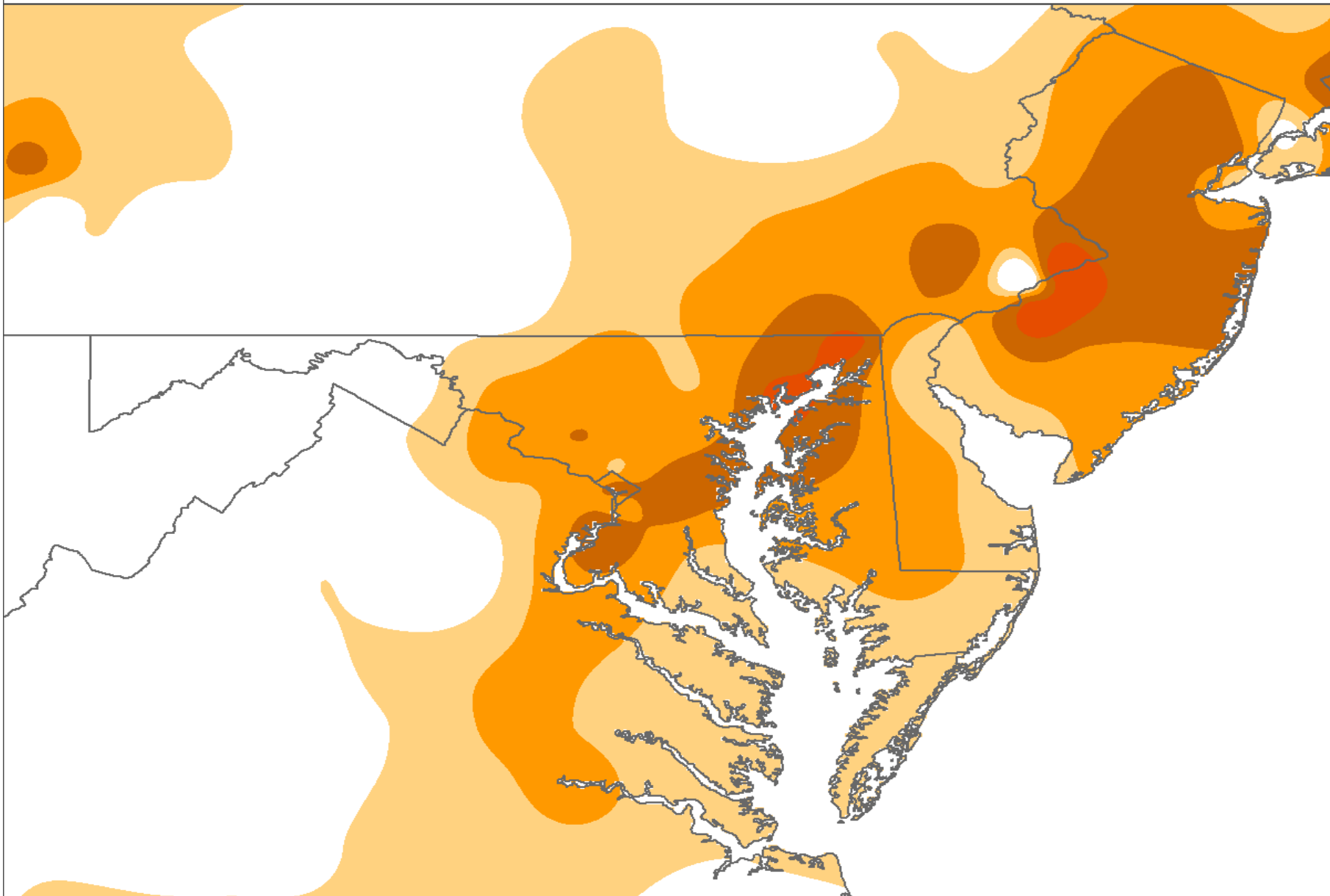
- Show that all MD monitors violate 75ppb standard



Preliminary Design Values for 2008:

➤ Show Widespread Nonattainment

Spatial Extent of the 8-Hour Ozone Non-attainment Areas in 2008



Map was created based on preliminary 2008 data (courtesy of the Ozone Transport Commission).



What Do We Do?



Option 1: Keep Existing Nonattainment Structure

PROs

- No additional “new” SIPs required
- No new transportation conformity areas
- Minimal change to staffing needs
- Business stakeholders likely to support

CONs

- Suggests to EPA that existing structure is OK for achieving attainment
- Science favors larger NAAs
- No push for expanded “level playing field”

PROs

- Pushes EPA to designate larger nonattainment areas to achieve attainment
- Agrees more with science
- Helps “level the playing field” – specifically OTR requirements
- Environmental and public health stakeholders likely to support

CONs

- MDE would need additional resources to address conformity and SIP planning for entire state
- MDOT would need more resources to address added conformity areas
- Added burden to “new” counties – nonattainment stigma comes with a price

Timeframe

- March 12, 2009, Maryland letter due to EPA
- By June 2010 EPA makes final designations
- 2013- SIPs due
- 2013-2030: States are required to meet the standard, with deadlines depending on the severity of the problem

Questions

