

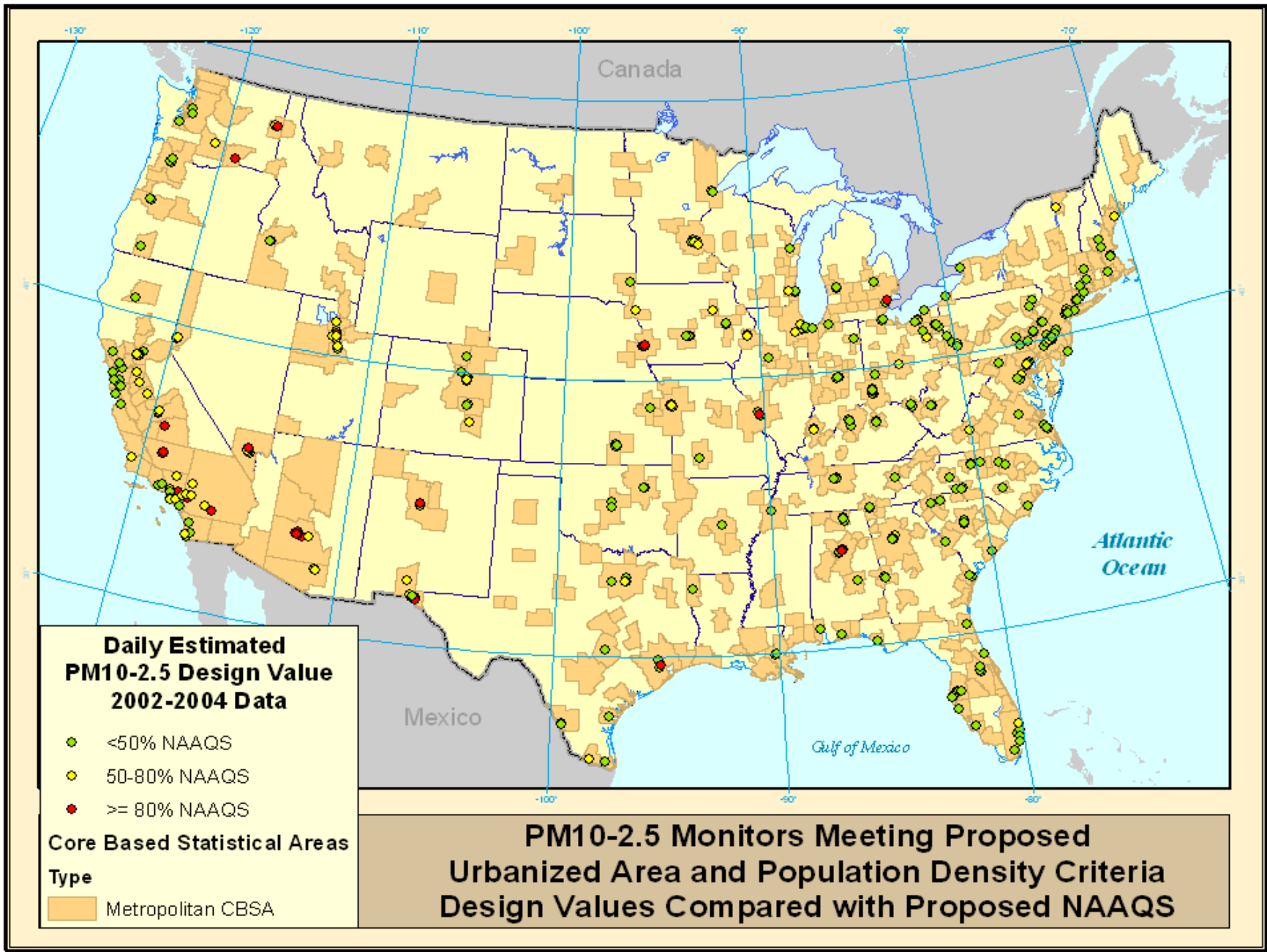
EPA is providing these maps in support of the proposed PM10-2.5 monitoring requirements in the NPRM. Data users should be aware of the assumptions used in compiling these data. EPA has reviewed the sites on these maps for compatibility with the PM10-2.5 suitability test in the monitoring proposal. The first two criteria in the suitability test include: (1) being within the boundaries of an urbanized area of at least 100,000 people and (2) being within block groups of population density of at least 500 people per square mile or being located in a lower population density enclave of less than 5 square miles of land area within the contiguous urbanized area. EPA believes that the listed sites meet these criteria.

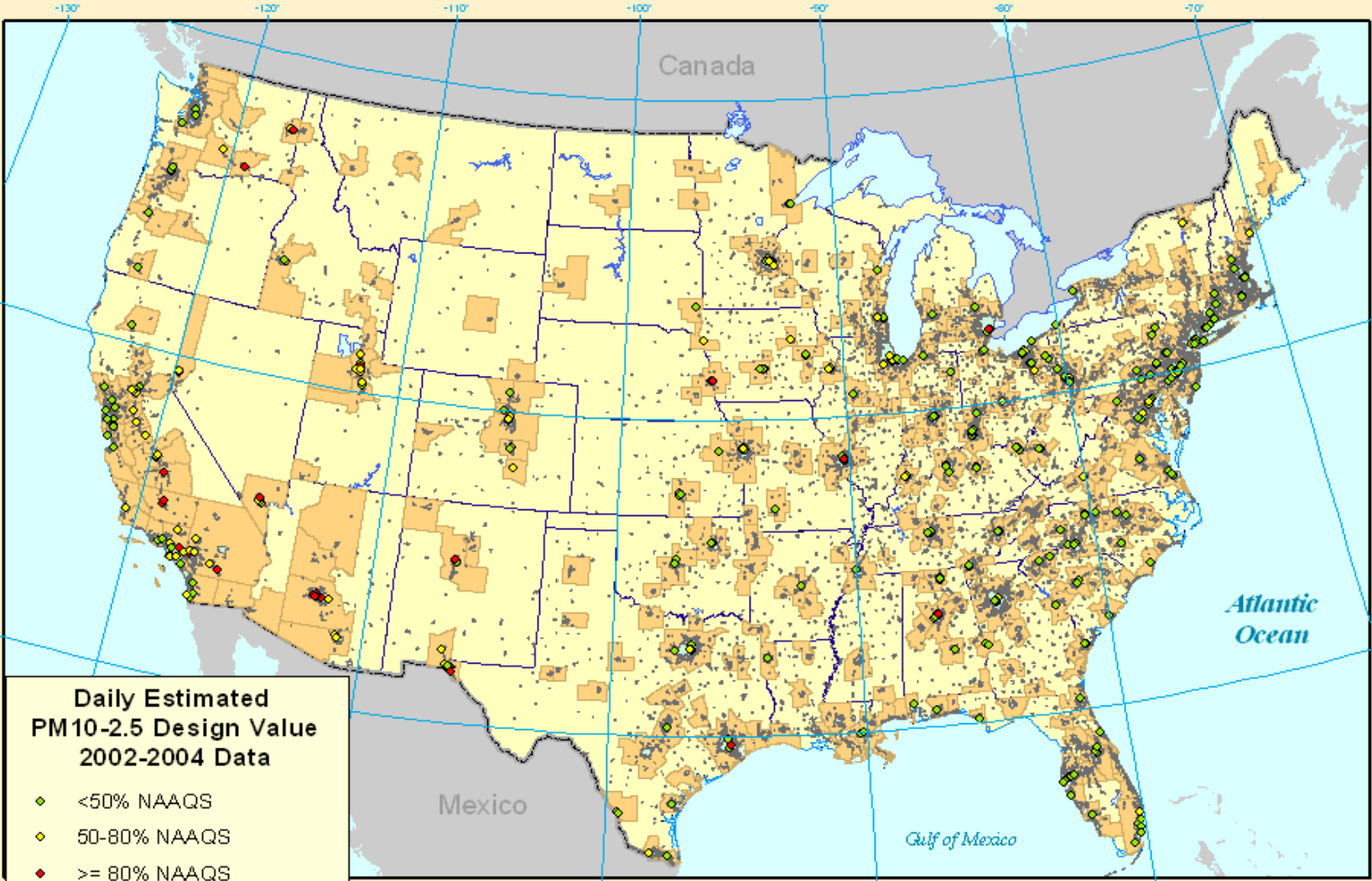
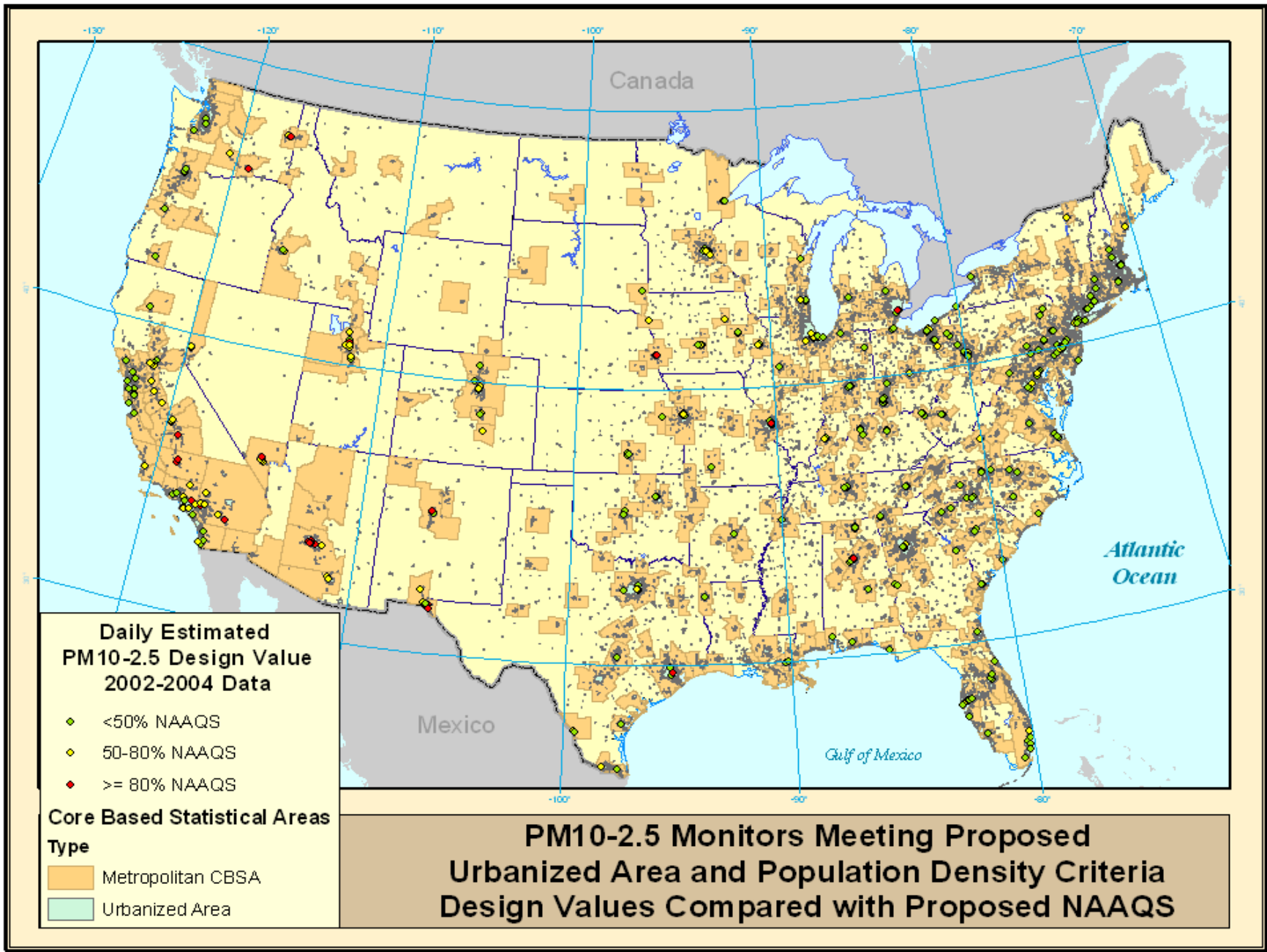
Additional criteria in the suitability test include a requirement for sites to be population-oriented, not representative of source-influenced micro-environments, and a requirement that a site-specific assessment be completed as described in proposed 40 CFR part 58.30 (b) (5). EPA performed a screening of candidate sites and eliminated 10 PM2.5 sites identified in AQS as microscale and 12 PM10 sites identified by Regional Offices as being source-oriented and not population-oriented. The AQS ID numbers of the eliminated sites are listed below. EPA's screening of sites for population-orientation and source-influenced micro-environments should not be considered comprehensive due to the potential unreliability of AQS metadata fields associated with some site records.

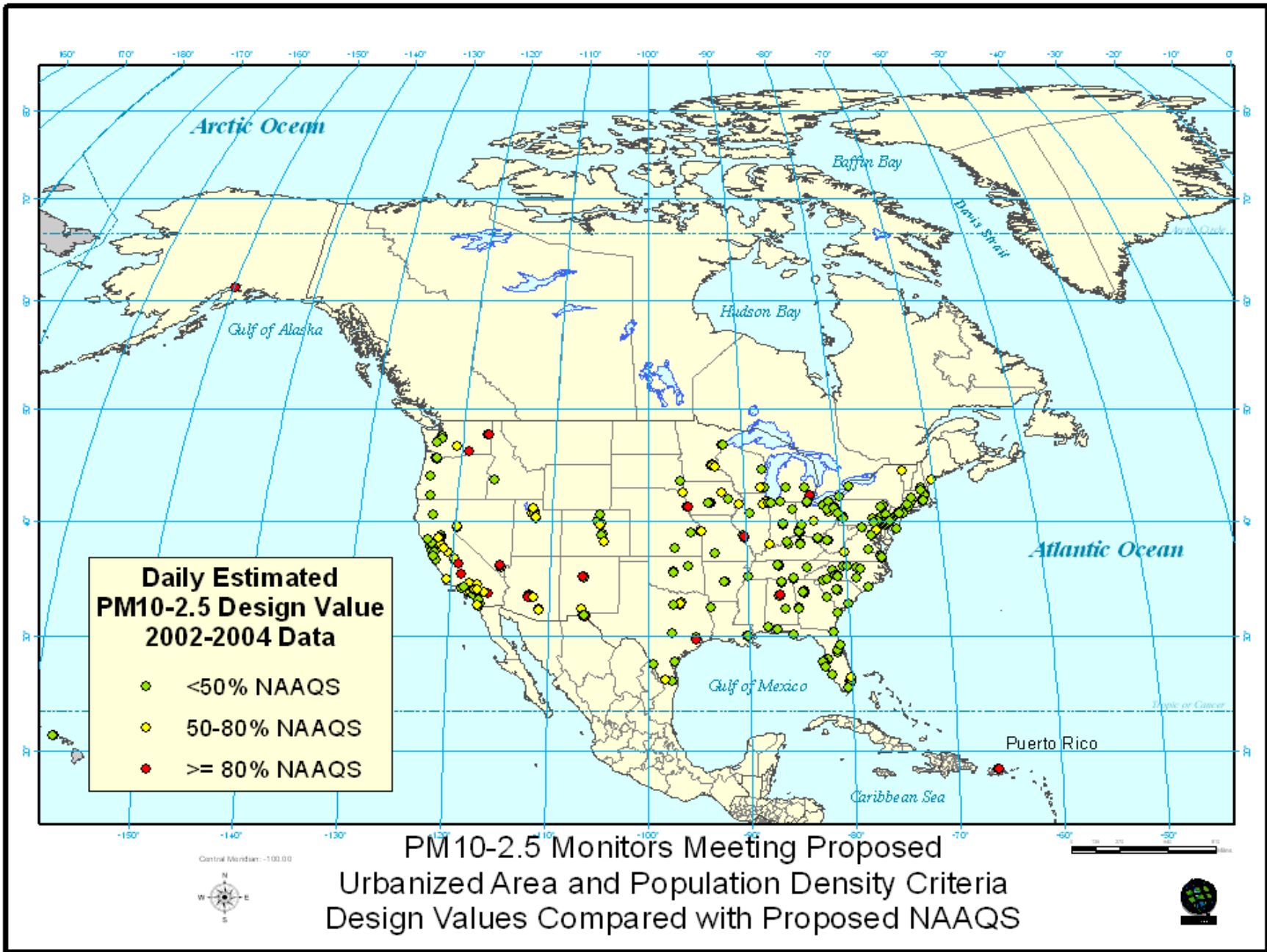
States would also be required to develop and submit site-specific assessments for each PM10-2.5 site with subsequent review and approval by the EPA Regional Administrator. EPA makes no reference to the potential approvability of such assessments through the placement of sites on these maps.

PM2.5 sites listed as microscale: '090090018', '180890022', '180970066', '180970043', '170311016', '171190023', '170990007', '440070020', '481410053', '291250001'

PM10 sites listed as source-oriented and not population-oriented: '090090018', '290970003', '295100092', '401010167', '440070020', '450430006', '450630009', '560050874', '560050885', '560050891', '560050894', '560050907'







The next three slides show different views of the proposed required minimum ambient monitoring network based on the PM_{10-2.5} requirements in the monitoring proposal. These criteria include being within an MSA of at least 100,000 people and an urbanized area of at least 100,000 people. Monitoring requirements are based on estimated PM_{10-2.5} design values that have been calculated on data for the period 2002-2004 for sites that EPA believes meet the first two criteria of the proposed suitability test for NAAQS comparisons (size of urbanized area and population density). The colored dots are placed at the centroid of affected MSA's and do not represent the placement of required monitors at any actual locations.

TABLE D-5 OF APPENDIX D TO PART 58.—PM_{10-2.5} MINIMUM MONITORING REQUIREMENTS

MSA population ^{1, 5}	Most recent 3-year design value ² ≥ 80% of PM _{10-2.5} NAAQS ³	Most recent 3-year design value 50%–80% of PM _{10-2.5} NAAQS ^{3, 4}	Most recent 3-year design value < 50% of PM _{10-2.5} NAAQS ³
> 5,000,000	5	3	2
1,000,000–< 5,000,000	4	2	1
500,000–< 1,000,000	3	1	0
100,000–< 500,000	2	1	0

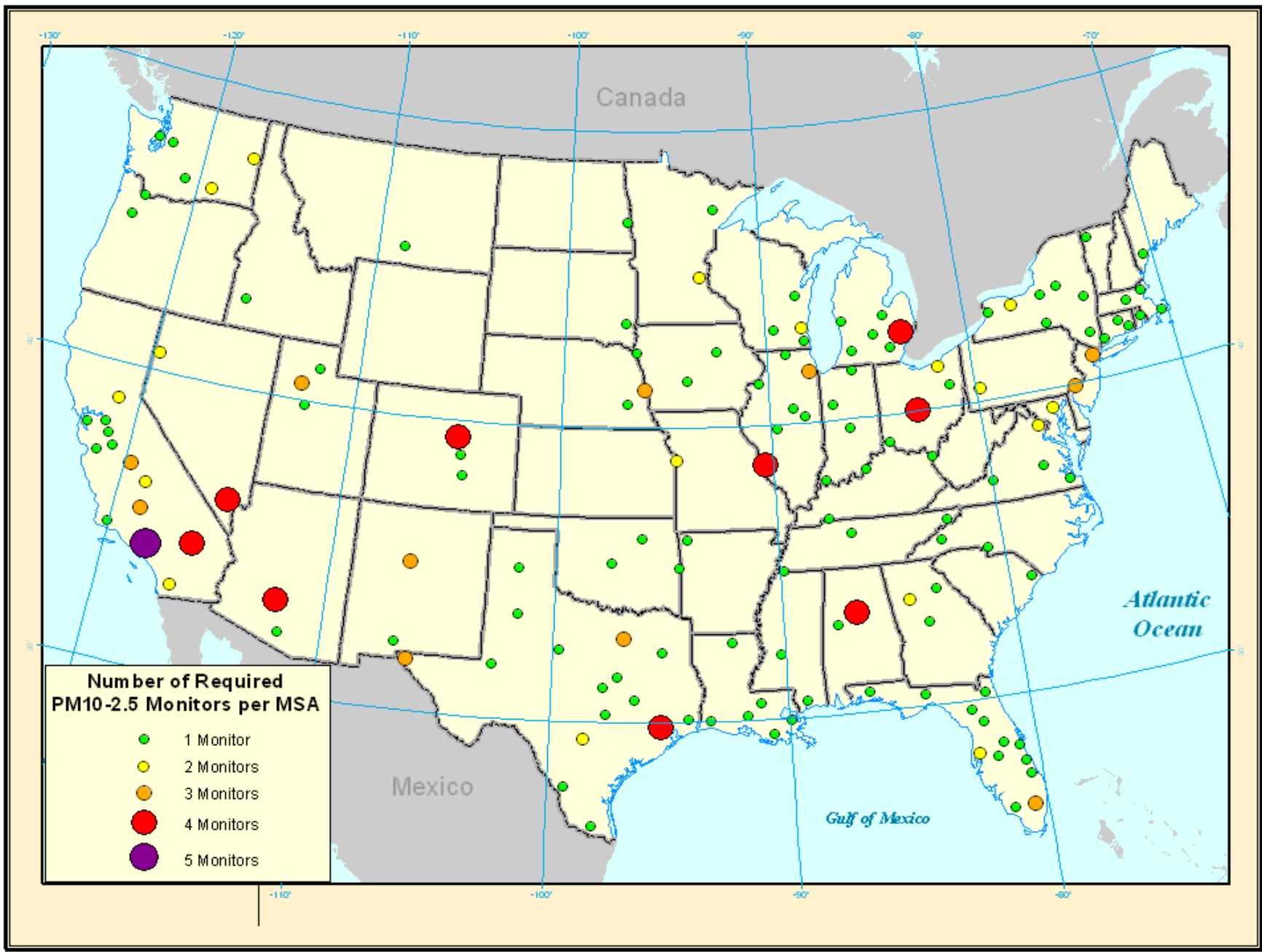
¹ Metropolitan Statistical Area (MSA) as defined by the Office of Management of Budget. The minimum requirements of this table apply only to MSAs that contain all or part of an urbanized area with a population of at least 100,000 persons. Multiple MSA in a Combined statistical area (CSA) are separately subject to these requirements based on their population and design value.

²A database of estimated PM_{10-2.5} design values will be provided by EPA until the network is fully deployed for three years. States may propose alternate estimates for EPA Regional Administrator approval.

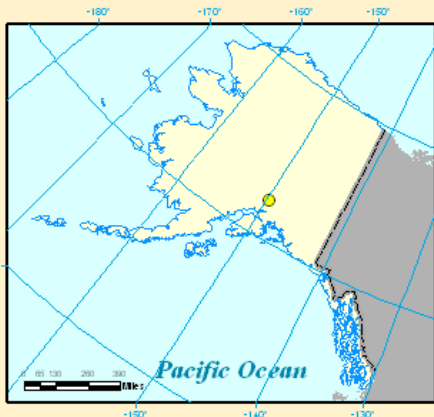
³The PM_{10-2.5} National Ambient Air Quality Standards (NAAQS) levels and forms are defined in part 50 of this chapter.

⁴These minimum monitoring requirements apply in the absence of a design value.

⁵Population based on latest available census figures.



Alaska



Hawaii

