

## TECHNICAL REPORT DATA

*(Please read instructions on reverse before completing)*

1. REPORT NO. EPA-452/R-01-008	2.	3. RECIPIENT'S ACCESSION NO.
4. TITLE AND SUBTITLE Visibility in Mandatory Federal Class I Areas (1994-1998) A Report to Congress		5. REPORT DATE November 2001
		6. PERFORMING ORGANIZATION CODE OAQPS/AQSSD/IPSG
7. AUTHOR(S) Science Applications International Corporation		8. PERFORMING ORGANIZATION REPORT NO.
9. PERFORMING ORGANIZATION NAME AND ADDRESS  U.S. Environmental Protection Agency Office of Air Quality Planning and Standards Air Quality Strategies & Standards Division Research Triangle Park, NC 27711		10. PROGRAM ELEMENT NO.
		11. CONTRACT/GRANT NO.  68-D-98-113
12. SPONSORING AGENCY NAME AND ADDRESS  Same as Above		13. TYPE OF REPORT AND PERIOD COVERED Report to Congress 1994-1998
		14. SPONSORING AGENCY CODE EPA/200/04
15. SUPPLEMENTARY NOTES		
16. ABSTRACT <p>This Report to Congress on visibility is an assessment of actual progress and improvement in visibility conditions in mandatory Federal Class I areas. Under section 169 of the Clean Air Act (CAA; as amended in 1990), the Environmental Protection Agency (EPA) must issue a report to Congress estimating the visibility improvement that could be expected in Class I areas due to implementation of the 1990 CAA Amendments. The EPA first issued this report in October 1993. The CAA also requires that every 5 years thereafter, EPA shall provide Congress with an assessment of actual progress and improvement in visibility in Class I areas in the form of a written report with copies to appropriate Congressional committees. This report is intended to satisfy that requirement and assesses visibility improvement over the period 1994-1998. Visibility conditions at forty-three monitor locations were calculated based on particulate matter concentrations for the period from 1994 through 1998. Visibility conditions showed statistically significant improvements at five sites on the least-impaired days and five sites on the most-impaired days. They also showed declines at three sites on the least-impaired days but no sites on the most-impaired days.</p>		
17. KEY WORDS AND DOCUMENT ANALYSIS		
a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Report to Congress; Visibility; Class I Areas; Regional Haze; IMPROVE; Particulate Matter; Visual Range; Deciview		
18. DISTRIBUTION STATEMENT  Release Unlimited	19. SECURITY CLASS ( <i>Report</i> ) Unclassified	21. NO. OF PAGES 256
	20. SECURITY CLASS ( <i>Page</i> ) Unclassified	22. PRICE