

REFERENCES

Chapter 1

1. Pitchford M.L. and Malm W.C. "Development and applications of a standard visual index," to be published in *Atmospheric Environment*, 1993.

Chapter 2

1. Molenaar J.V., Cismoski D.S. and Tree R.M. "Intercomparison of ambient optical monitoring techniques," presented at the 84th Annual Meeting of the Air and Waste Management Association Meeting and Exhibition, Kansas City, Mo., June 21-26, 1992.

Chapter 3

1. Cahill T.A., Eldred R.A. and Feeney P.A. "Particulate monitoring and data analysis for the National Park Service 1982-1985," University of California, Davis, CA, 1986.
2. Chow J.C., Watson J.G., Pritchett L.C., Pierson W.R., Frazier C.A. and Purcell R.G. "The DRI thermal/optical reflectance carbon analysis system: description, evaluation, and applications in U.S. air quality studies," *Atmospheric Environment*, 1992, in press.
3. Malm W.C., Golestani Y., Gebhart K.A., Cahill T.A., Eldred R.A. and Poirot R. "Estimation of aerosol acidity in the eastern United States," in Proceedings of the 84th Annual Meeting of the Air & Waste Management Association, Vancouver, B.C., 1991.
4. Malm W.C., Sisler J.F. and Mauch L.L. "Assessing the improvement in visibility of various sulfate reduction scenarios," in Proceedings of the 83rd Annual Meeting of the Air and Waste Management Association, Pittsburgh, 1990.
5. Tang I.N., Wong W.T. and Munkelwitz H.R. "The relative importance of atmospheric sulfates and nitrates in visibility reduction," *Atmospheric Environment*, 15 (12): 2463, 1981.
6. Watson J.G., Chow J.C., Richards L.W., Neff W.D., Andersen S.R., Dietrich D.L. and Olmez I. "The 1987-88 Metro Denver brown cloud study," Desert Research Institute Document No. 8810 1F2, Reno, Nevada, 1988.

Chapter 4

1. Chow J.C., Watson J.G., Pritchett L.C., Pierson W.R., Frazier C.A. and Purcell R.G. "The DRI thermal/optical reflectance carbon analysis system: description, evaluation, and applications in U.S. air quality studies," *Atmospheric Environment*, 1992, in press.
2. Eatough E.J., Lewis E.A., Mangelson N.F., Lewis L., Crawford J. and Sun B. "A Comparison of the determination of particulate sulfate and SO₂ (g) at Meadview using filter pack and diffusion denuder sampling systems," submitted to Dr. R. Farber, Southern California Edison, Rosemead, Ca., 91770, December, 1991.
3. Turpin B.J., Huntzicker J.J. and Adams K.M. "Intercomparison of photoacoustic and thermal-optical methods for the measurement of atmospheric elemental carbon," *Atmospheric Environment*, 24A:1831-1835 (7), 1990.

Chapter 6

1. Hanel G. "The properties of atmospheric aerosol particles as functions of the relative humidity at thermodynamic equilibrium with the surrounding moist air," *Advances in Geophysics*, 19:73, 1982.
2. NOAA. Climatic Atlas of the United States, ESSA, Department of Commerce - 1968. Reprinted by National Oceanic and Atmospheric Administration, October, 1970.
3. Ouimette J.R. and Flagan R.C. "The extinction coefficient of multicomponent aerosols," *Atmospheric Environment*, 16:2405, 1982.
4. Sloane C.S. "Change in aerosol optical properties with change in chemical composition," presented at the 78th Annual Meeting of Air Pollution Control Association, 1985.
5. Stelson A.W. and Seinfeld J.H. "Relative humidity and temperature dependence of the ammonium nitrate dissociation constant," *Atmospheric Environment* 15:983, 1982.
6. Tang I.N., Wong W.T. and Munkelwitz H.R. "The relative importance of atmospheric sulfates and nitrates in visibility reduction," *Atmospheric Environment*, 15 (12): 2463, 1981.
7. Tsay S., Stephens G.L. and Greenwald T.J. "An investigation of aerosol microstructure on visual air quality," *Atmospheric Environment*, 25A(56):1039, 1991.
8. vandeHulst H.C. "Light scattering by small particles," Dover Publication, New York, NY, 1981.

9. Wexler A. and Seinfeld J. "Second-generation inorganic aerosol model," Atmospheric Environment, 25A(12):2731, 1991.
10. White W.H. "On the theoretical and empirical basis for apportioning extinction by aerosols: a critical review," Atmospheric Environment, 20:1659, 1986.