

Journal Articles

- Ryan W.F., Doddridge B.G., Dickerson R.R., Morales R.M., Hallock K.A., Roberts P.T., Blumenthal D.L., Anderson J.A., and Civerolo K.L. (1998) Pollutant transport during a regional O₃ episode in the mid-Atlantic states. *J. Air & Waste Manag. Assoc.* **48**, September, 786-797.
- Richards L.W., Anderson J.A., Blumenthal D.L., McDonald J.A., Macias E.S., Hering S.V., and Wilson, Jr. W.E. (1985) Chemical, aerosol and optical measurements in the plumes of three midwestern coal-fired power plants. *Atmos. Environ.* **19**, 1685-1704.
- Richards L.W., Anderson J.A., Blumenthal D.L., McDonald J.A., Kok G.L., and Lazrus A.L. (1983) Hydrogen peroxide and sulfur (IV) in Los Angeles cloud water. *Atmos. Environ.* **17**, 911-914.
- Richards L.W., Anderson J.A., Blumenthal D.L., Brandt A.A., McDonald J.A., Waters N., E.S. Macias, and Bhardwaja P.S. (1981) The chemistry, aerosol physics, and optical properties of a western coal-fired power plant plume. *Atmos. Environ.* **15**, 2111-2134.
- Macias E.S., Blumenthal D.L., Anderson J.A., and Cantrell B.K. (1980) Size and composition of visibility-reducing aerosols in southwestern plumes. *Annals of the New York Academy of Sciences* **338**, 233-257.
- Blumenthal D.L., Ogren J.A., and Anderson J.A. (1978) Airborne sampling system for plume monitoring. (Presented at the *International Symposium on Sulfur in the Atmosphere, Dubrovnik, Yugoslavia, September 1977*). *Atmos. Environ.* **12**, 613-620.
- Smith T.B., Blumenthal D.L., Anderson J.A., and Vanderpol A.H. (1978) Transport of SO₂ in power plant plumes: day and night. (Presented at the *International Symposium on Sulfur in the Atmosphere, Dubrovnik, Yugoslavia, September 1977*). *Atmos. Environ.* **12**, 605-612.
- Smith T.B., Blumenthal D.L., Anderson J.A., and Vanderpol A.H. (1977) Transport of SO₂ in power plant plumes: day and night. *Atmos. Environ.* **12**, 605-612.
- Husar J.D., Husar R.B., Macias E.S., Wilson Jr. W.E., Durham J.L., Shepherd W.K., and Anderson J.A. (1976) Particulate sulfur analysis: application to high time resolution aircraft sampling in plumes. *Atmos. Environ.* **10**, 591-595.
- White W., Anderson J.A., Blumenthal D.L., Husar R.B., Gillani N.V., Husar J.D., and Wilson W.E. Jr. (1976) Formation and transport of secondary air pollutants: ozone and aerosols in the St. Louis urban plume. *Science* **194**, 187-189.
- Breeding R.J., Haagenson P.L., Anderson J.A., and Lodge Jr. J.P. (1975) The urban plume as seen at 80 and 120 km by five different sensors. *J. App. Meteorol.* **14**, 204-216.
- Stampfer J.F. Jr. and Anderson J.A. (1975) Locating the St. Louis urban plume at 80 and 120 km and some of its characteristics. *Atmos. Environ.* **9**, 301-313.
- Breeding R.J., Lodge J.P., Pate J.B., Sheesley D.C., Klonis H.B., Fogle B., Anderson J.A., Englert T.R., Haagenson P.L., McBeth R.B., Morris A.L., Pogue R., and Wargburg A.F. (1973) Background trace gas concentrations in the central United States. *J. Geophys. Res.* **78**, 7057-7064.

Meeting Presentations and Conference Proceedings

- Blumenthal D.L. and Anderson J.A. (2001) Ozone layers, northern boundary conditions, and air-ground comparisons during SCOS-97. Presented at SCOS97-NARSTO Data Analysis Conference, Los Angeles, CA, February 13-15 (STI-2060).
- Dye T.S., Lindsey C.G., Roberts P.T., and Anderson J.A. (1996) Mixing depth structure and evolution as diagnosed from upper-air meteorological and aircraft measurements. Presented at the *First NARSTO-Northeast Data Analysis Symposium and Workshop, Norfolk, VA, December 10-12*.

- Roberts P.T., Blumenthal D., and Anderson J.A. (1996) Air quality at the upwind boundaries of the OTR urban corridor and of the OTR. Talk presented at the *First NARSTO-Northeast Data Analysis Symposium and Workshop, Norfolk, VA, December 10-12.*
- Roberts P.T., Dye T.S., Anderson J.A., and Blumenthal D. (1996) Case study of 3-D meteorological and air quality characteristics downwind of New York City during a 1995 ozone episode. Talk presented at the *First NARSTO-Northeast Data Analysis Symposium and Workshop, Norfolk, VA, December 10-12.*
- Ryan W.F., Dickerson R.R., Doddridge B.G., Civerolo K., Hallock K., Roberts P.T., Blumenthal D.L., and Anderson J.A. (1996) Regional trace gas observations during a high O₃ episode in the Mid-Atlantic region: a case study. Presented at the *First NARSTO-Northeast Data Analysis Symposium and Workshop, Norfolk, VA, December 10-12.*
- Lindsey C.G., Dye T.S., Roberts P.T., Anderson J.A., and Ray S.E. (1995) Meteorological aspects of ozone episodes in southeast Texas. Paper No. 95-WP96.02 presented at the *Air & Waste Management Association 88th Annual Meeting, San Antonio, TX, June 18-23.*
- Dye T.S., Lindsey C.G., and Anderson J.A. (1995) Estimates of mixing depth from "boundary layer" radar profilers. In *Preprints of the Ninth Symposium on Meteorological Observations and Instrumentation, Charlotte, NC, March 27-31, (STI-94212-1451).*
- Dye T.S., Lindsey C.G., Roberts P.T., and Anderson J.A. (1994) Evaluation of mixing depths derived from 915-MHz radar profiler reflectivities during recent air quality studies. In *Preprints of the Third International Symposium on Tropospheric Profiling: Needs and Technologies, Hamburg, Germany, August 30-September 2, pp. 120-122 (STI-1435).*
- Lindsey C.G., Dye T.S., Anderson J.A., Roberts P.T., and Blumenthal D.L. (1994) Radar profiler observations of boundary layer processes affecting air quality. In *Preprints of the Third International Symposium on Tropospheric Profiling: Needs and Technologies, Hamburg, Germany, August 30-September 2, pp. 45-47 (STI-1436).*
- Lindsey C.G., Dye T.S., Anderson J.A., and Wolfe D.E. (1994) Observations of the marine boundary layer over southeast Texas and the Gulf of Mexico using 915 MHz radar profiler and RASS. In preprints of the *American Meteorological Society and the Air & Waste Management Association's 8th Joint Conference on Applications of Air Pollution Meteorology, Nashville, TN, January 23-28, American Meteorological Society, Boston, MA.*
- Roberts P.T., Anderson J.A., and Main H.H. (1993) Pollutant concentrations aloft as measured by aircraft during the Gulf of Mexico Air Quality Study and the coastal oxidant assessment for southeast Texas. Paper presented at the *Air & Waste Management Association Regional Photochemical Measurement and Modeling Studies Conference, San Diego, CA, November 8-12.*
- Roberts P.T., Main H.H., Korc M.E., and Anderson J.A. (1993) Comparison of 3-D Air Quality Data with Model Simulation Results for the South Coast Air Basin. Paper No. 93-WP-69B.05 presented at the *Air & Waste Management Association 86th Annual Meeting, Denver, CO, June 14-18.*
- Roberts P.T. and Anderson J.A. (1991) Pollutants measured in forest fires and agricultural burn plumes and their potential influence on exceedances of the ozone standard. Paper No. 91-67.10 presented at the *Air & Waste Management Association 84th Annual Meeting, Vancouver, B.C., June 16-21.*
- Richards L.W., Anderson J.A., Blumenthal D.L., McDonald J.A., Bhardwaja P.S., Candelaria R.B., and Moon D.W. (1990) Nitrogen and sulfur chemistry and aerosol formation in a western coal-fired power plant plume. In *Transactions TR-17 from an International Specialty Conference, Visibility and Fine Particles, Estes Park, CO, October 15-19, 1989, 242-260, C.V. Mathai, ed., Air & Waste Management Association, Pittsburgh, PA.*

- Richards L.W., Anderson J.A., Blumenthal D.L., McDonald J.A., Bhardwaja P.S., Candelaria R.B., and Moon D.W. (1989) Nitrogen and sulfur chemistry and aerosol formation in a western coal-fired power plant plume. In *Transactions, Visibility and Fine Particles*, C.V. Mathai, ed. *Air & Waste Management Association Specialty Conference on Visibility, Rocky Mountain National Park, October*.
- Richards L.W., Anderson J.A., Blumenthal D.L., McDonald J.A., Hering S.V., and Wilson W.E., Jr. (1984) Formation of light scattering aerosol in smelter and power plant plumes. Presented at the *First International Aerosol Conference, Minneapolis, MN, September 17-21* (See Liu B.Y.H., Pui D.Y.H., and Fissan H.J., eds., *Aerosols*, Elsevier, NY, 1984, pp. 421-424).
- Richards L.W., Blumenthal D.L., Anderson J.A., and McDonald J.A. (1983) Sulfate and nitrate in Los Angeles cloud water and aerosol. Paper presented at the *ACS 185th National Meeting, Seattle, WA, March*.
- Richards L.W., Anderson J.A., Blumenthal D.L., and McDonald J.A. (1982) Comparison of the optical properties of particles in smelter and western power plant plumes. Poster session paper 82-7P.5 presented at the *Air Pollution Control Association 75th Annual Meeting, New Orleans, LA, June*.
- Richards L.W., Anderson J.A., Blumenthal D.L., Brandt A.A., McDonald J.A., Waters N., Bhardwaja P.S., Moon D.W., and Candelaria R.B. (1982) Nitrogen and sulfur chemistry and aerosol formation in a western coal-fired power plant plume. Paper presented at the *Air Pollution Control Association 75th Annual Meeting, New Orleans, LA, June*.
- Richards L.W., Anderson J.A., Blumenthal D.L., and McDonald J.A. (1982) Nitrogen and sulfur chemistry and aerosol formation in plumes. Paper No. 82-24.6 presented at the *Air Pollution Control Association 75th Annual Meeting, New Orleans, LA, June*.
- Richards L.W., Anderson J.A., Blumenthal D.L., McDonald J.A., Waters N., Macias E.S., and Wilson Jr. W.E. (1982) Aerosol formation in smelter and power plant plumes in the southwest. Paper presented at the *American Association for Aerosol Research First Annual Conference, Santa Monica, CA, February*.
- Blumenthal D.L., Richards L.W., Lehrman D.E., Anderson J.A., and Keifer W.S. (1982) Analysis techniques for airborne data from plumes and mesoscale regions. Paper presented at the *Air Pollution Control Association Specialty Meeting on In-Situ Air Quality Monitoring from Moving Platforms, San Diego, CA, January*.
- Macias E.S., Blumenthal D.L., Anderson J.A., Ogren J.A., Cantrell B.K., and Shadoan D.J. (1979) Measurements of size distribution, chemical composition, and sources of visibility-reducing aerosols in the southwestern United States. Paper presented at the *American Chemical Society (ACS) Division of Environmental Chemistry, Honolulu, HI, April 1-6*.
- Macias E.S., Blumenthal D.L., Anderson J.A., and Cantrell B.K. (1979) Size and composition of visibility-reducing aerosols in southwestern plumes. Paper presented at the *Conference on Aerosols: Anthropogenic and Natural-Sources and Transport, (MRI 79 Pa-1599), New York Academy of Sciences, January 9-12*.
- Blumenthal D.L., Ogren J.A., and Anderson J.A. (1978) Airborne sampling system for plume monitoring. (Presented at the *International Symposium on Sulfur in the Atmosphere, Dubrovnik, Yugoslavia, September 1977*). *Atmos. Environ.* **12**, 613-620.
- Smith T.B., Blumenthal D.L., Anderson J.A., and Vanderpol A.H. (1978) Transport of SO₂ in power plant plumes: day and night. (Presented at the *International Symposium on Sulfur in the Atmosphere, Dubrovnik, Yugoslavia, September 1977*). *Atmos. Environ.* **12**, 605-612.
- Durham J.L., Wilson W.E., Aneja V.P., Overton Jr. J.H., Blumenthal D.L., Anderson J.A., Frisella S., Dennevik W., Hull L., and Woodford R. (1977) Sulfate aerosol formation rate in an oil-fired power plant plume. Paper presented at the *American Institute of Chemical Engineers (AIChE) 83rd National Meeting, Houston, TX, March 20-24*.

- Anderson J.A., Blumenthal D.L., and Sem G.J. (1977) Characterization of Denver's urban plume using an instrumented aircraft. In *Proceedings of a Symposium, Denver Air Pollution Study - 1973, Vol. II*, EPA 600/77-001, February, pp. 3-33.
- White W.H., Blumenthal D.L., Anderson J.A., Husar R.B., and Wilson Jr. W.E. (1977) Ozone formation in the St. Louis urban plume. In *Proceedings Vol. 1, International Conference of Photochemical Oxidant Pollution and Its Control, North Carolina, September 12-17, 1976*, EPA-600/3-77-001a, January, pp. 237-247.
- White W.H., Anderson J.A., Blumenthal D.L., Husar R.B., and Wilson Jr. W.E. (1976) Formation and transport of light-scattering aerosols in the St. Louis urban plume. Paper presented at the *Radiation Symposium, Garmish-Partenkirchen, Germany, August*.
- Smith T.B., Anderson J.A., Burton C.S., and Shapiro J. (1976) Significant meteorological and diffusion conditions producing ground-level impact at Navajo Generating Station. Paper presented at the *Air Pollution Control Association 69th Annual Meeting, Portland, OR, June 28-July 1*.
- Husar R.B., Husar J.D., Gillani N.V., Fuller S.B., White W.H., Anderson J.A., Vaughn W.M., and Wilson Jr. W.E. (1976) Pollutant flow rate measurement in large plumes: sulfur budget in power plant and area source plumes in the St. Louis region. In *Proceedings, American Chemical Society (ACS) 171st National Meeting, Division of Environmental Chemistry, New York, NY, April 4-9*.
- Whitby K.T., Cantrell B.C., Husar R.B., Gillani N.V., Anderson J.A., Blumenthal D.L., and Wilson Jr. W.E. (1976) Aerosol formation in a coal-fired power plant plume. In *Proceedings, American Chemical Society (ACS) 171st National Meeting, Division of Environmental Chemistry, New York, NY, April 4-9*.
- White W.H., Anderson J.A., Blumenthal D.L., Husar R.B., Gillani N.V., Fuller S.B., Whitby K.T., and Wilson Jr. W.E. (1976) Formation of ozone and light-scattering aerosols in the St. Louis urban plume. In *Proceedings, American Chemical Society (ACS) 171st National Meeting, Division of Environmental Chemistry, New York, NY, April 4-9*.
- Ensor D.S. and Anderson J.A. (1976) Tropospheric airborne condensation nuclei counter sampling: Meteorology Research, Inc., air pollution mapping programs. Paper presented at *Aerosol Measurement Workshop, University of Florida, Gainesville, FL, March 24-25*.
- Anderson J.A. and Ogren J.A. (1975) Data processing techniques for accuracy of aircraft sampling. Presented at the *Air Pollution Control Association Specialty Conference on Air Pollution Measurement Accuracy As It Relates to Regulation Compliance, New Orleans, LA, October 26-28*.
- Blumenthal D.L., Anderson J.A., and Sem G.J. (1974) Characterization of Denver's urban plume using an instrumented aircraft. Paper No. 74-266 presented at the *Air Pollution Control Association 67th Annual Meeting, Denver, CO, June*.
- Husar R.B., Blumenthal D.L., Anderson J.A., and Wilson Jr. W.E. (1974) The urban plume of St. Louis. Paper presented at the *ACS Division of Environmental Chemistry, Los Angeles, CA, March 28-April 5*.

Book Chapters

- Hackney R.J., Hughes V., Magliano K.L., Niccum E.M., Phelps W., Watson J.G., and Anderson J.A. (1994) SJVAQS/AUSPEX and SARMAP data management. In *Planning and Managing Regional Air Quality Modeling and Measurement Studies: A Perspective Through the San Joaquin Valley Air Quality Study and AUSPEX*, Solomon P.A. and Silver T.A., eds., CRC Press, Inc., Boca Raton, FL, pp. 301-334.
- Ensor D.S. and Anderson J.A. (1979) Tropospheric airborne condensation nuclei counter sampling: Meteorology Research, Inc., air pollution mapping programs. In *Aerosol Measurement*, Lundgren, Harris, Marlow, Lippmann, Clark, and Durham, eds., University Presses of Florida, pp. 590-599.

Formal Reports

- Blumenthal D.L., Roberts P.T., Buhr M.P., and Anderson J.A. (2002) Evaluation of the TNRCC/Baylor aircraft program and recommended changes. Prepared for Texas Natural Resource Conservation Commission, Austin, TX, by Sonoma Technology, Inc., Petaluma, CA, STI-900632-2152-TM, February.
- Anderson J.A. and Blumenthal D.L. (1999) Measurements made aloft by a twin-engine aircraft to support the SCOS97-NARSTO study. Report prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc, Petaluma, CA, STI-997190-1872-FR, May.
- Roberts P.T., Dye T.S., Ray S.E., Anderson J.A., Blumenthal D.L., MacDonald C.P., Main H.H., and Kumar N. (1999) Analysis of data from the 1995 NARSTO-Northeast Study Volume V: three-dimensional analysis of aircraft and upper-air meteorological data. Report prepared for Coordinating Research Council, Atlanta, GA, under subcontract to ENVIRON International Corp., Novato, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-95426-1836-FR, April.
- Anderson J.A., Wright D.B., and Blumenthal D.L. (1998) The real-time measurement data collected aboard the STI aircraft during SCOS97 sampling. Data volume prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Petaluma, CA, STI-997190-1807-DV, May.
- Anderson J.A. and Wright D.B. (1997) Data collected by the STI aircraft during the NARSTO-Northeast 1996 summer ozone study. Report prepared for the Electric Power Research Institute, Palo Alto, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-95152-1771-DV, December.
- Anderson J.A., Schoell B.M., and Wright D.B. (1997) Data collected by the STI aircraft during the NARSTO-Northeast 1995 summer ozone study. Data volume prepared for the Electric Power Research Institute, Palo Alto, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-95151-1570-DV, December.
- Anderson J.A., Wright D.B., and Roberts P.T. (1997) The airborne air quality sampling program performed during the 1996 Paso del Norte ozone study. Draft final report prepared for the U.S. Environmental Protection Agency, Dallas, TX, under subcontract to Science Applications International Corporation, Durham, NC, by Sonoma Technology, Inc., Santa Rosa, CA, STI-996294-1755-DFR, September.
- Schoell B.M., Anderson J.A., Roberts P.T., and Wright D.B. (1997) Aloft air quality data collected during the 1996 Paso del Norte ozone study using a hot air balloon. Draft final report prepared for the U.S. Environmental Protection Agency, Dallas, TX, by Sonoma Technology, Inc., Santa Rosa, CA, STI-996297-1608-DFR, February.
- Anderson J.A., Wright D.B., Schoell B.M., and Roberts P.T. (1996) Data collected by the STI aircraft during the 1996 Paso del Norte Ozone Study. Data volume prepared for U.S. Environmental Protection Agency, Region 6, Dallas, TX, by Sonoma Technology, Inc., Santa Rosa, CA, STI-996294-1613-DV, November.
- Schoell B.M., Anderson J.A., Chinkin L.R., and Roberts P.T. (1996) Data collected by the STI aircraft during the 1995 Shasta County ozone study. Data volume prepared for Shasta County Department of Resource Management, Redding, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-95350-1575-DVS, April.
- Anderson J.A., Schoell B.M., and Wright D.B. (1996) Data collected by the STI aircraft during the NARSTO-Northeast 1995 summer ozone study. Report prepared for Electric Power Research Institute, Palo Alto, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-95151-1570-DV, March.
- Schoell B.M., Anderson J.A., Chinkin L.R., and Roberts P.T. (1996) Data collected by the STI aircraft during the 1995 Shasta County ozone study. Data volume prepared for Shasta County Department of Resource Management, Redding, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-95180-1568-DV, March.
- Anderson J.A. and Wright D.B. (1995) Data collected by the STI aircraft during the 1995 Dallas-Fort Worth winter haze project (DFWWHP). Data volume prepared for ENSR Consulting and Engineering, Camarillo, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-93350-1522-DV, June.

- Anderson J.A. and Tree R. (1994) Mount Zirkel Visibility Study site surveillance report. Report prepared for Colorado Department of Public Health & Environment, Denver, CO, by Sonoma Technology, Inc., Santa Rosa, CA, STI-94451-1449, December.
- Anderson J.A. and Roberts P.T. (1994) The airborne air quality sampling program performed during the 1993 Gulf of Mexico Air Quality Study (GMAQS). Draft final report prepared for Systems Applications International, San Rafael, CA, and Minerals Management Service, U.S. Department of Interior, New Orleans, LA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-92070-1412-DFR, April.
- Anderson J.A. and Hansen P.W. (1994) The airborne sampling program for the 1992 ARB Southern California Transport Assessment Study. Final report prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-92120-1380-FR, March.
- Anderson J.A. and Roberts P.T. (1994) The airborne air quality sampling program performed during the 1993 Coastal Oxidant Assessment Program for Southeast Texas (COAST). Final report prepared for Texas Natural Resource Conservation Commission, Austin, TX, by Sonoma Technology, Inc., Santa Rosa, CA, STI-93310-1413-FR, March.
- Anderson J.A., Hern D.H., Roberts P.T., Prouty J.D., and Schoell B.M. (1994) Data collected by the STI aircraft during the 1993 Gulf of Mexico Air Quality Study (GMAQS). Data volume prepared for Systems Applications International, San Rafael, CA, and Minerals Management Service, U.S. Department of Interior, New Orleans, LA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-92070-1403-DV, March.
- Anderson J.A., Schoell B.M., Hern D.H., Roberts P.T., and Prouty J.D. (1993) Data collected by the STI aircraft during the 1993 Coastal Oxidant Assessment Program for Southeast Texas (COAST). Data volume prepared for Texas Natural Resource Conservation Commission, Austin, TX, by Sonoma Technology, Inc., Santa Rosa, CA, STI-93310-1390-DV, December.
- Anderson J.A., Schoell B.M., and Prouty J.D. (1993) Data collected by the STI aircraft during the 1993 NYSEG Kintigh Station Plume Visibility Study. Data volume prepared for ENSR Consulting and Engineering, Alameda, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-92240-1375-DV, October.
- Schoell B.M., Anderson J.A., and Prouty J.D. (1993) Data collected by the STI aircraft during the 1993 Southeast Michigan Ozone Study. Data volume prepared for ENSR, Glastonbury, CT, by Sonoma Technology, Inc., Santa Rosa, CA, STI-93080-1372-DV, September.
- Anderson J.A., Lindsey C.G., and Schoell B.M. (1993) Quality assurance program for aircraft and upper-air meteorological data collection during the SEMOS Project. Draft QA plan prepared for ENSR Consulting and Engineering, Glastonbury, CT, by Sonoma Technology, Inc., Santa Rosa, CA, STI-93080-1360, April.
- Anderson J.A. and Prouty J.D. (1993) Data collected by the STI aircraft during Southern California Edison's Project Mohave. Data volume prepared for Southern California Edison, Rosemead, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-92180-1350-DV, March.
- Anderson J.A., Hansen P.W., Prouty J.D., and Gardner J.M. (1993) Data collected by the STI aircraft during the 1992 ARB Southern California Transport Assessment Study. Data volume prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, and Mercado-Gardner, Cloverdale, CA, STI-92120-1238-DV, January.
- Roberts P., Blumenthal D., Lindsey C., Anderson J., Yocke M., Barnett A., Hamilton R., Dybevic M., and Zeigler G. (1992) Gulf of Mexico Air Quality Study field plan. Working draft no. 2 prepared for the Minerals Management Service, U.S. Department of Interior, New Orleans, LA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-92040-1212-WD2, Contract No. 1435000130604, September.
- Anderson J.A. and Hansen P.W. (1992) Airborne sampling program for Pacific Gas & Electric Company's SJVAQS/AUSPEX project. Report prepared for Pacific Gas & Electric Company, San Francisco, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-90110-1201-DFR, January.

- Main H.H., Roberts P.T., Anderson J.A., and Fung K. (1991) Pollutant concentrations along the western boundary of the South Coast air basin part II: analysis of June 1990 data collected offshore. Final report prepared for the South Coast Air Quality Management District, Diamond Bar, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-90080-1149-FR, July.
- Anderson J.A. and Blumenthal D.L. (1991) The airborne sampling program for the 1990 Navajo Generating Station Visibility Study. Draft final report prepared for Salt River Project, Phoenix, AZ, by Sonoma Technology, Inc., Santa Rosa, CA, STI-99263-1147-DFR, May.
- Anderson J.A., Hansen P., and Turner C.M. (1991) Data collected by the STI aircraft during the 1990 Bay Area AUSPEX Ozone Study. Data volumes 1 and 2. Data volume prepared for Pacific Gas and Electric Company, San Francisco, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-90110-1132-DV, April.
- Blumenthal D.L., Roberts P.T., Anderson J.A., Knuth W.R., and Koos J.C. (1989) Summary field report for the measurement of pollutant and meteorological boundary conditions - technical support study number 10. Report prepared for the San Joaquin Valley Air Pollution Study Agency, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-98030-815-IR, May.
- Anderson J.A., Koos J.C., and Hammarstrand R.G.M. (1989) Summary of SCAQS upper air measurements performed by the STI aircraft. Report prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-97010-902-FR, Contract No. A6-098-32, April.
- Spicer C., Lindsey C., Anderson J., Busness K., Daly D., Hanningan R., Holdren M., Hubbe J., Keigley G., Laws G., Lee R., Parkhurst R., Sharp D., Smith D., Sticksel P., and Ward G. (1989) Data report for Acid Model Operational/Diagnostic Evaluation Study - G1 aircraft results. Report prepared by Battelle Memorial Institute, Columbus, OH.
- Richards L.W., Anderson J.A., Alexander N.L., Blumenthal D.L., Knuth W.R., and McDonald J.A. (1987) Characterization of the reactants, mechanisms, and species in South Coast air basin cloudwater. Final report prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-94120-606-12FR, ARB Contract No. A4-032-32, January.
- Richards L.W., Anderson J.A., Alexander N.L., and McDonald J.A. (1987) Characterization of reactants, mechanisms, and species in South Coast Air Basin cloudwater. Data volume prepared for California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-94120-607-10DV.
- Richards L.W., Anderson J.A., Blumenthal D.L., and McDonald J.A. (1985) Characterization of the composition and three-dimensional distribution of acidity in southern California clouds. Final report prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-90083-503-16FR, ARB Agreement No. A2-125-32, March.
- Anderson J.A. and Blumenthal D.L. (1984) Particle sampling program for the KOCH Carbon Carson Storage Facility. Final report prepared for KOCH Carbon, Inc. by Sonoma Technology, Inc., Santa Rosa, CA, STI-90054-508-FR.
- Anderson J.A., McDonald J.A., and Blumenthal D.L. (1984) Aircraft measurements for summer 1984 SCCAMP exploratory program. Final report prepared for the Western Oil and Gas Association, Glendale, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI 94130-407-FR, Contract 84-8.0.10(1)-01-04-SOT.
- Seigneur C., Johnson C.D., Anderson J.A., McDonald J.A., and Richards L.W. (1983) The 1981 VISTTA data base for plume visibility model evaluation. Report prepared for the U.S. Environmental Protection Agency, Research Triangle Park, NC, Contract No. 68-02-3225, May.

- Richards L.W., Anderson J.A., Blumenthal D.L., Duckhorn S.L., and McDonald J.A. (1983) Characterization of reactants, reaction mechanisms, and reaction products leading to extreme acid rain and acid aerosol conditions in southern California. Final report prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-83-ES-200, ARB Contract No. AO-140-32, April.
- Richards L.W., Anderson J.A., Blumenthal D.L., Brandt A.A., McDonald J.A., and Waters N. (1983) Source Emissions and Plume Characterization Study (SEAPC). Final report prepared for Salt River Project, Phoenix, AZ, by Meteorology Research Institute, Altadena, CA, MRI-81-R1812, January.
- Richards L.W., Anderson J.A., Blumenthal D.L., Brandt A.A., Duckhorn S.L., Hynek S.Z., McDonald J.A., and Waters N. (1983) Characterization of reactants, reaction mechanisms, and reaction products leading to extreme acid rain and aerosol conditions in southern California. Final data volume prepared for California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-83-DV-0052.
- Zwicker J.O., Macias E.S., Anderson J.A., Blumenthal D.L., Hering S.V., and Ouimette J.R. (1981) Chemistry and visual impact of the plumes from the Four Corners power plant and San Manuel copper smelter. Report prepared for the U.S. Environmental Protection Agency, Research Triangle Park, NC, Contract No. 68-02-3225.
- Stith J.L., Blumenthal D.L., and Anderson J.A. (1980) Characterization of scrubbed and unscrubbed power plant plumes. Report prepared for the Aerosol Research Branch, U.S. Environmental Protection Agency, Research Triangle Park, NC, by Meteorology Research Institute, Altadena, CA, MRI-79-R-1726, February.
- Macias E.S., Blumenthal D.L., Anderson J.A., and Cantrell B.K. (1979) Characterization of visibility-reducing aerosols in the southwestern United States: interim report on Project VISTTA. Report prepared for the U.S. Environmental Protection Agency, Research Triangle Park, NC, by Meteorology Research Institute, Altadena, CA, MRI IR-1585, January.
- White W.H., Anderson J.A., Knuth W.R., Blumenthal D.L., Hsiung J.C., and Husar R.B. (1976) Midwest interstate sulfur transformation and transport project: aerial measurements of urban and power plant plumes, summer, 1974. Report prepared for the U.S. Environmental Protection Agency, Research Triangle Park, NC, EPA-600/3-76-110, November.
- Ogren J.A., Anderson J.A., and Blumenthal D.L. (1976) Pollutant measurements in plumes from power plants and cities. Project MISTT report prepared for the U.S. Environmental Protection Agency, Research Triangle Park, NC, July.