

## Journal Articles

- Chen L.-W.A., Lowenthal D.H., Watson J.G., Koracin D., Kumar N., Knipping E.M., Wheeler N., Craig K., and Reid S. (2010) Toward effective source apportionment using positive matrix factorization: experiments with simulated PM<sub>2.5</sub> data. *J. Air & Waste Manag. Assoc.* 60, 43–54 (doi:10.3155/1047-3289.60.1.43).
- Lowenthal D.H., Watson J.G., Koracin D., Chen L.-W.A., Dubois D., Vellore R., Kumar N., Knipping E.M., Wheeler N.J.M., Craig K.J., and Reid S.B. (2010) Evaluation of regional-scale receptor modeling. *J. Air & Waste Manage. Assoc.* 60, 26–42 (doi:10.3155/1047-3289.60.1.26).
- Reid S.B. and Eisinger D.S. (2007) Goods movement and the environment. *Air & Waste Manag. Assoc.'s EM*, 6-7.

## Meeting Presentations and Conference Proceedings

- Wheeler N.J.M., Craig K.J., and Reid S.B. (2009) An investigation of aloft model performance for two episodes during the 2000 Central California ozone study. Paper presented at the *30th NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application, San Francisco, CA, May 18-22* by Sonoma Technology, Inc., Petaluma, CA (STI-3594).
- Wheeler N.J.M., Raffuse S.M., Sullivan D.C., Craig K.J., and Reid S.B. (2009) Daily air quality predictions from the BlueSky gateway. Presented at the *30th NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application, San Francisco, CA, May 18-22* by Sonoma Technology, Inc., Petaluma, CA (STI-3589).
- Raffuse S.M., Reid S.B., Pollard E.K., Wheeler N.J., Larkin N.K., Strand T.M., and Solomon R. (2009) Conterminous U.S. fire emissions of greenhouse gases. Presented at the *First International Greenhouse Gas Measurement Symposium, San Francisco, CA, March 23-25* (STI-3584).
- Raffuse S.M., Reid S.B., Pollard E.K., and Wheeler N.J. (2009) A daily fire greenhouse gas emission inventory for the United States and comparison with other inventories. Paper presented at the *First International Greenhouse Gas Measurement Symposium, Burlingame, CA, March 23* by Sonoma Technology, Inc., Petaluma, CA (STI-3584).
- Craig K.J., Wheeler J.M.W., Raffuse S.M., Sullivan D.C., Reid S.B., Solomon R., Strand T., and Larkin S. (2008) BlueSky Gateway: providing access to products from the BlueSky smoke modeling program. Poster presented at the *7th Annual Community Modeling and Analysis System (CMAS) Conference, Chapel Hill, NC, October 6-8* by Sonoma Technology, Inc., Petaluma, CA, and the U.S. Forest Service Pacific Northwest Research Station, Seattle, WA (STI-3452).
- Sullivan D.C., Raffuse S.M., Pryden D.A., Craig K.J., Reid S.B., Wheeler N.J.M., Chinkin L.R., Larkin N.K., Solomon R., and Strand T. (2008) Development and applications of systems for modeling emissions and smoke from fires: the BlueSky smoke modeling framework and SMARTFIRE. Paper presented at the *17th International Emissions Inventory Conference, Portland, OR, June 5*, by Sonoma Technology, Inc., Petaluma, CA, and the U.S. Forest Service, Seattle, WA (STI-3378).
- Wheeler N.J.M., Craig K.J., Reid S.B., Gilliland E.K., Sullivan D.C., and Chinkin L.R. (2008) The BlueSky Gateway air quality forecast system for fire management. Presented at the *BlueSky Smoke Modeling Framework Stakeholders' Meeting, Boise, ID, May 20-22* (STI-905028-3367).
- Wheeler N.J. and Reid S.B. (2006) Photochemical modeling of an industrial city in Qatar. Poster presentation at the *Community Modeling and Analysis System (CMAS) Conference, Chapel Hill, NC, October 16-18*, by Sonoma Technology, Inc., Petaluma, CA (STI-3007).

- Wheeler N.J.M., Craig K.J., Reid S.B., Gilliland E.K., Kumar N., Knipping E.M., Lowenthal D.H., Chen L.-W.A., Watson J.G., and Koracin D. (2007) Simulating IMPROVE-like data for use in evaluating receptor models. Poster presented at the *2007 Aerosol Conference, Reno, NV, September 24-28*, by Sonoma Technology, Inc., Petaluma, CA, EPRI, Palo Alto, CA, and Desert Research Institute, Reno, NV (STI-3155).
- Reid S.B., Chinkin L.R., Penfold B.M., and Gilliland E.K. (2007) Emissions inventory validation and improvement: a Central California case study. Paper presented at the *U.S. Environmental Protection Agency's 16th Annual Emission Inventory Conference, Raleigh, NC, May 14-17*, by Sonoma Technology, Inc., Petaluma, CA (STI-3109).
- Reid S.B., Sullivan D.C., Penfold B.M., Raffuse S.M., and Funk T.H. (2007) Activity trends for key emission sources in California's San Joaquin Valley, 1970-2030. Paper presented at the *U.S. Environmental Protection Agency's 16th Annual International Emission Inventory Conference, Raleigh, NC, May 14-17*, by Sonoma Technology, Inc., Petaluma, CA (STI-3121).
- Wheeler N.J.M., Reid S.B., and Craig K.J. (2007) Air quality training on photochemical modeling. Presentation for RasGas Company Limited, Houston, TX, by Sonoma Technology, Inc., Petaluma, CA, STI-906066.01-3147, March 14-16.
- Reid S.B., Brown S.G., McCarthy M.C., and Chinkin L.R. (2006) Comparison of ambient measurements to emissions representations for modeling in California's San Joaquin Valley. Presented to the *U.S. Environmental Protection Agency's 15th Annual Emission Inventory Conference, New Orleans, LA, May 18*, by Sonoma Technology, Inc., Petaluma, CA (STI-2944).
- Reid S.B. (2005) Development of a screening-level emission inventory of toxic air contaminants (TACS) for the Bay Area. Presentation prepared for the Bay Area Air Quality Management District, San Francisco, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-905047.01-2833, October.
- Wheeler N.J., Chinkin L.R., Reid S.B., Gross T., Hawkins A., Watson D., Vit W., Mefrakis R., and Joerke J. (2005) Regional photochemical modeling for the Kansas City Clean Air Action Plan: what it tells us about the challenges ahead for 8-hr ozone nonattainment areas. Presented at the *4th Annual CMAQ Models-3 User's Conference, Chapel Hill, NC, September 26-28*, by Sonoma Technology, Inc., Petaluma, CA; Missouri Department of Natural Resources, Jefferson City, MO; Mid-America Regional Council, Kansas City, MO (STI-2800).
- Reid S.B., Sullivan D.C., Stiefer P.S., and Chinkin L.R. (2005) Development of emission inventories of recreational boats and commercial marine vessels for the Central States Regional Air Planning Association. Presented at the *U.S. Environmental Protection Agency 14th International Emission Inventory Conference, Las Vegas, NV, April 11-14* by Sonoma Technology, Inc., Petaluma, CA (STI-2714, STI-2721).
- Sullivan D.C., Reid S.B., Penfold B.M., and Chinkin L.R. (2005) Development of agricultural dust emission inventories for the Central States Regional Air Planning Association. Presented at the *U.S. Environmental Protection Agency 14th International Emission Inventory Conference, Las Vegas, NV, April 11-14* by Sonoma Technology, Inc., Petaluma, CA (STI-2713, STI-2720).
- Sullivan D.C., Reid S.B., Stiefer P.S., Funk T.H., and Chinkin L.R. (2005) On-road mobile source emission inventory development for the Central States Regional Air Planning Association. Presented at the *U.S. Environmental Protection Agency 14th International Emission Inventory Conference, Las Vegas, NV, April 11-14* by Sonoma Technology, Inc., Petaluma, CA (STI-2712, STI-2719).
- Brown S.G., Reid S.B., Sullivan D.C., and Hafner H.R. (2005) Development of GIS emissions analysis tools to estimate the probability of regional source contributions. Presented at the *2005 Particulate Matter*

*Supersites Program and Related Studies: An AAAR International Specialty Conference, Atlanta, GA, February 7-11 (STI-2694).*

- Brown S.G., Reid S.B., Roberts P.T., Buhr M.P., Funk T.H., Kim E., and Hopke P.K. (2004) Reconciliation of the VOC and NO<sub>x</sub> emission inventory with ambient data in the Houston, Texas region. Paper presented at the *U.S. Environmental Protection Agency's 13th Annual Emission Inventory Conference, Clearwater, FL, June 9 (STI-2525).*
- Reid S.B., Funk T.H., Sullivan D.C., Stiefer P.S., Arkinson H.L., Brown S.G., and Chinkin L.R. (2004) Research and development of emission inventories for planned burning activities for the Central States Regional Air Planning Association. Paper for the *13th International Emission Inventory Conference "Working for Clean Air in Clearwater", Clearwater, FL, June 8-10 (STI-2515).*
- Sullivan D.C. and Reid S.B. (2004) Research and development of ammonia emission inventories for the Central States Regional Air Planning Association. Paper for the *13th International Emission Inventory Conference "Working for Clean Air in Clearwater", Clearwater, FL, June 8-10 (STI-2518).*
- Tamura T.M. and Reid S.B. (2004) Quality assurance issues associated with draft NONROAD2002a. Presented at the *U.S. Environmental Protection Agency's 13th Annual Emission Inventory Conference in Clearwater, FL, June 8-10 (STI-2514).* Available on the Internet at <http://www.epa.gov/ttn/chief/conference/ei13/qaqc/tamura.pdf>.
- Coe D.L., Chinkin L.R., Reid S.B., and Stiefer P.S. (2003) Weekday-weekend emissions patterns for southern California: observations and implications. Presented at the NARSTO Workshop on Innovative Methods for Emission-Inventory Development and Evaluation, University of Texas at Austin, October 14-17 (STI-2421).
- Coe D.L., Gorin C.A., Chinkin L.R., and Reid S.B. (2003) Observations of weekday-weekend activity patterns for area sources in the Los Angeles area. Paper and presentation prepared for and presented at the U.S. Environmental Protection Agency, *12th International Emission Inventory Conference "Emission Inventories - Applying New Technologies", San Diego, CA, April 28 - May 1 (STI-2278).*
- Reynolds S.D., Tesche T.W., Dye T., Roberts P., Franzon D.E., Chinkin L.R., and Reid S.B. (1993) Assessment of planned northeast ozone transport region modeling activities. Paper No. 93-WA-69A.01 presented at the *Air & Waste Management Association 86th Annual Meeting, Denver, CO, June 14-18.*

### **Formal Reports**

- Reid S.B., Pollard E.K., and Du Y. (2010) A top-down emission inventory evaluation for the upper Midwest. Draft final report prepared for the National Renewable Energy Laboratory, Golden, CO by Sonoma Technology, Petaluma, CA, STI-909028-3808-DFR, February 3.
- Reid S.B., Huang S., Pollard E.K., Craig K.J., Sullivan D.C., Zahn P., MacDonald C., and Raffuse S.M. (2009) An almanac for understanding smoke persistence during the 2008 fire season. Final report prepared for the U.S. Department of Agriculture, Forest Service, Pacific Southwest Region, STI-908045-3747-FR, November.
- Reid S.B., Wheeler N.J.M., Pollard E.K., Craig K.J., and Du Y. (2009) Impact of offshore ship emissions on Puerto Rico and the U.S. Virgin Islands. Final report prepared for the U.S. Environmental Protection Agency, Office of Transportation and Air Quality, by Sonoma Technology, Inc., Petaluma, CA, STI-909201-3729-FR, October.
- MacDonald C.P., Craig K.J., Pasch A.N., Pollard E.K., Wheeler N.J.M., and Reid S.B. (2009) Contributors to Sacramento County wood smoke primary PM<sub>2.5</sub>. Final report prepared for the Sacramento

- Metropolitan Air Quality Management District, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-909014.06-3676-FR2, September.
- Reid S.B., Pollard E.K., and Hafner H. (2009) Ambient data analysis in support of CRC RFP A-69: regional modeling of weekday/weekend ozone changes. Prepared for the Coordinating Research Council, Alpharetta, GA, STI-909006-3609-FR, May.
- Reid S.B. (2008) Emission inventory assessment and air quality modeling for a proposed marine container terminal at the Charleston Naval Complex. Technical memorandum prepared for Abt Associates, Inc., Bethesda, MD, by Sonoma Technology, Inc., Petaluma, CA, STI-908069-3506-TM, November.
- Roberts P.T., Reid S.B., Eisinger D.S., and Bai S. (2008) Field study of PM<sub>2.5</sub> emissions generated from road widening project. Technical memorandum prepared for the Arizona Department of Transportation by Sonoma Technology, Inc., Petaluma, CA, STI-908017.03-3493, November.
- Wheeler N.J.M., Reid S.B., Craig K.J., Zielonka J.R., Stauffer D.R., and Hanna S.R. (2008) Cumulative increment analysis for the Breton National Wilderness Area. Final report prepared for the Minerals Management Service, Gulf of Mexico OCS Region, New Orleans, LA, by Sonoma Technology, Inc., Petaluma, CA, STI-901360.08-3163-FR (MMS 2008-058), December.
- Wheeler N.J.M., Craig K., and Reid S. (2008) Meteorological modeling analyses of data captured during the CRPAQS field program. Final presentation to the CRPAQS Technical Committee, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-905030-3648, October 1.
- Wheeler J.M.W., Craig K.J., and Reid S.B. (2008) Central California Ozone Study (CCOS) improvement of air quality model aloft performance. Presented to CCOS Technical Committee, Sacramento, CA, Sonoma Technology, Inc., Petaluma, CA, STI-905030-3560 (05-2CCOS), October 1.
- Reid S.B., Chinkin L.R., McCarthy M.C., Raffuse S.M., and Brown S.G. (2008) A comparison of ambient measurements to emissions representations for modeling to support the Central California Ozone Study (CCOS). Final report prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-905044.13-3144-FR, October.
- Reid S.B. and Gilliland E.K. (2008) The development of a SMOKE-based emissions processing stream. Technical memorandum prepared for the Bay Area Air Quality Management District, San Francisco, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-908007-3411-TM; Contract No. 2008-048, July.
- Brown S.G., Funk T.H., Charrier J., Gilliland E.K., Hafner H.R., and Reid S.B. (2008) Phase II source apportionment findings (extension to the CCOS project "Comparison of ambient measurements to emissions representations for modeling"). Technical memorandum prepared for the California Air Resources Board, Sacramento, CA by Sonoma Technology, Inc., Petaluma, CA, STI-905044.14-3396-TM, June.
- Reid S.B. (2008) Summary of findings from Tasks 2 through 4 of the Area Source Emissions Inventory Assessment project. Technical memorandum prepared for the Central Regional Air Planning Association, Oklahoma City, OK, by Sonoma Technology, Inc., Petaluma, CA, STI-908018.04-3373-TM, May.
- Wheeler N.J.M., Reid S.B., and Craig K.J. (2007) The Albuquerque ozone modeling analysis. Final report prepared for the City of Albuquerque, Air Quality Division, Albuquerque, NM, by Sonoma Technology, Inc., Petaluma, CA, STI-906041.08-3289-FR, December.
- Wheeler N., Craig K., and Reid S. (2007) Simulating IMPROVE-like data for use in evaluating receptor models. Technical memorandum prepared for EPRI, Palo Alto, CA, by Sonoma Technology, Inc., Petaluma, CA, June.

- Reid S.B., Sullivan D.C., Cozzo E.M., Penfold B.M., Raffuse S.M., and Funk T.H. (2006) Compilation of emission growth factors, emission growth surrogates, and activity projections used in forecasting area, point, or mobile source emissions. Final compilation prepared for the San Joaquin Valley Unified Air Pollution Control District, Fresno, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-905032-2868-FC, December.
- Reid S.B., Penfold B.M., and Chinkin L.R. (2006) Emission inventory for the Central California Ozone Study (CCOS) - review of spatial variations of area, non-road mobile, and point sources of emissions. Technical memorandum prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-906036-3057-TM, November.
- Sullivan D.C., Reid S.B., and Chinkin L.R. (2006) Emission inventory for the Central California Ozone Study (CCOS) - review of temporal profiles for area, non-road mobile, and point sources of emissions. Technical memorandum prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-906036-3058-TM, October.
- Wheeler N.J.M., Reid S.B., and Craig K.J. (2006) Protocol for the Albuquerque Ozone Modeling Analysis. Modeling protocol prepared for the City of Albuquerque Air Quality Division, Albuquerque, NM, by Sonoma Technology, Inc., Petaluma, CA, STI-906041.01-3052-MP, October.
- Wheeler N.J.M., Reid S.B., and Craig K.J. (2006) Data Report I for the Breton National Wilderness Area Increment Analysis. Draft report prepared for the Department of the Interior, Minerals Management Service, New Orleans, LA, by Sonoma Technology, Inc., Petaluma, CA, STI-901360-2963, April.
- Ludewig S.A. (2006) Additions and improvement of AIRNow and AIRNow-Tech infrastructure and services. Work plan prepared for the U.S. Environmental Protection Agency, Research Triangle Park, NC, by Sonoma Technology, Inc., Petaluma, CA, STI-905210.01-2889-WP, January.
- Wheeler N.J. and Reid S.B. (2005) Photochemical modeling of ozone for the Ras Laffan Industrial City. Final report prepared for RasGas Company Limited, Doha, State of Qatar, by Sonoma Technology, Inc., Petaluma, CA, STI-904160-2788-FR2, November.
- Sullivan D.C., Reid S.B., Penfold B.M., and Cozzo E.M. (2005) Preparation of emission inventories of toxic air contaminants for the Bay Area. Final report prepared for the Bay Area Air Quality Management District, San Francisco, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-905019-2771-FR2, August.
- Buhr M.P., Shields E., Simon E.M., and Reid S.B. (2005) Examination of reactive nitrogen partitioning at the Bakersfield and Angiola field sites. Technical memorandum prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Petaluma, CA, STI-902322-2652-TM2, July.
- Wheeler N.J. and Reid S.B. (2005) Protocol for photochemical modeling of ozone for the Ras Laffan Industrial City. Final modeling protocol prepared for RasGas Company Limited, Doha, State of Qatar, by Sonoma Technology, Inc., Petaluma, CA, STI-904160-2537-FMP, April.
- Buhr M.P., Shields E., Simon E.M., and Reid S.B. (2004) Comparison and descriptive evaluation of the airborne and ground-based measurements collected during the CCOS field experiment. Technical memorandum prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Petaluma CA, STI-902323-2653-TM, December.
- Sullivan D.C., Reid S.B., Penfold B.M., and Raffuse S.M. (2004) An emission inventory of toxic air pollutants for South Phoenix and recommendations for further inventory development. Final report prepared for the Arizona Department of Environmental Quality, Phoenix, AZ, by Sonoma Technology, Inc., Petaluma, CA, STI-903773-2670-FR, December.

- Reid S.B. and Sullivan D.C. (2004) Interim report and recommendations for air toxics emission inventory development for South Phoenix. Interim summary prepared for the Arizona Department of Environmental Quality, Phoenix, AZ, by Sonoma Technology, Inc., Petaluma, CA, STI-903773-2651-IS, November.
- Reid S.B., Sullivan D.C., Penfold B.M., Funk T.H., Tamura T.M., Stiefer P.S., Raffuse S.M., and Arkinson H.L. (2004) Emission inventory development for mobile sources and agricultural dust sources for the Central States. Final report prepared for The Central States Air Resource Agencies and The Central Regional Air Planning Association, Oklahoma City, OK, by Sonoma Technology, Inc., Petaluma, CA, STI-903574-2611-FR, October.
- Wheeler N.J.M., Bahm K.E., and Reid S.B. (2004) Urban-air toxics modeling and model evaluation for three pilot cities. Technical memorandum prepared for the Lake Michigan Air Directors Consortium, Des Plaines, IL, by Sonoma Technology, Inc., Petaluma, CA, STI-903554-2632-TM, October.
- Reid S.B., Sullivan D.C., Funk T.H., Tamura T.M., Stiefer P.S., Penfold B.M., and Raffuse S.M. (2004) Emission estimation methods for mobile sources and agricultural dust sources in the Central States. Methods document prepared for The Central States Air Resource Agencies and The Central Regional Air Planning Association, Oklahoma City, OK, by Sonoma Technology, Inc., Petaluma, CA, STI-903574-2610-MD, September.
- Reid S.B., Brown S.G., Sullivan D.C., Arkinson H.L., Funk T.H., and Stiefer P.S. (2004) Research and development of planned burning emission inventories for the Central States Regional Air Planning Association. Final report prepared for The Central States Air Resource Agencies and The Central Regional Air Planning Association, Oklahoma City, OK, by Sonoma Technology, Inc., Petaluma, CA, STI-902514-2516-FR, July.
- Roberts P.T., Brown S.G., Reid S.B., Buhr M.P., Funk T.H., Stiefer P.S., Hopke P.K., and Kim E. (2004) Emission inventory evaluation and reconciliation in the Houston-Galveston area. Final report prepared for the Houston Advanced Research Center, Texas Environmental Research Consortium, The Woodlands, TX, by Sonoma Technology, Inc., Petaluma, CA, STI-903640-2490-FR2, June.
- Coe D.L., Reid S.B., Stiefer P.S., Penfold B.M., Funk T.H., and Chinkin L.R. (2004) Collection and analysis of weekend/weekday emissions activity data in the South Coast Air Basin. Final report prepared for the California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-901140/901150-2477-FR; ARB Contract Nos. 00-305 and 00-313, May.
- Sullivan D.C., Reid S.B., Funk T.H., Stiefer P.S., and Arkinson H.L. (2004) Emission estimation methods for the CENRAP planned burning emission inventories. Final methods document prepared for The Central States Air Resource Agencies and The Central Regional Air Planning Association, Oklahoma City, OK, by Sonoma Technology, Inc., Petaluma, CA, STI-902512-2451-FMD, April.
- Sullivan D.C., Funk T.H., Gorin C.A., Reid S.B., Stiefer P.S., and Tamura T.M. (2004) Compilation of emission inventory methods, control measures assessments, and estimated emissions. Prepared for San Joaquin Valley Unified Air Pollution Control District, Fresno, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-903340-2429-FC, January.
- Coe D.L. and Reid S.B. (2003) Research and development of ammonia emission inventories for the Central States Regional Air Planning Association. Final report prepared for The Central States Air Resource Agencies and The Central Regional Air Planning Association, Oklahoma City, OK, by Sonoma Technology, Inc., Petaluma, CA, STI-902501-2241-FR, October.
- Wheeler N.J.M., Bahm K.E., and Reid S.B. (2003) Quantification of potential air quality benefits from episodic control measures in the Sacramento nonattainment area with the Urban Airshed Model. Final

report prepared for the Air Districts of the Sacramento Region c/o Sacramento Metropolitan Air Quality Management District, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-903290-2399-FR, July.

Reid S.B. and Coe D.L. (2003) Ammonia emission estimation methods for the CENRAP ammonia emission inventory. Draft methods document prepared for The Central States Air Resource Agencies and The Central Regional Air Planning Association, Oklahoma City, OK, by Sonoma Technology, Inc., Petaluma, CA, STI-902502-2386-DMD, June.

Reynolds S.D., Tesche T.W., Dye T., Roberts P., Franzon D.E., Chinkin L.R., and Reid S.B. (1993) Assessment of planned northeast ozone transport region modeling activities. Report prepared by the American Petroleum Institute, Health and Environmental Sciences Department, Washington, DC, API No. 4563, July.

Gray A., Reid S., and Chinkin L.R. (1992) Carbon particle emissions inventory for Denver Brown Cloud II: development and assessment. Report prepared by Systems Applications International, San Rafael, CA, SYSAPP-92/xxx.