

Thomas R. Piazza, CCM
Sr. Consultant
Forensic Meteorology

A Certified Consulting Meteorologist, Mr. Piazza has more than 40 years experience in providing weather data to utilities, municipalities, businesses, industry groups, government agencies and others. In addition to CEO, Mr. Piazza serves as chief meteorologist for Murray and Trettel, a private firm that provides industry-specific, real-time forecasts, meteorological and environmental monitoring, weather data management, and weather instrument services. He has served as expert witness and consultant for weather-related litigation and accident investigations on numerous cases, providing testimony for both plaintiffs and defendants. Mr. Piazza specializes in reconstructing weather events for a specific time and location, and determining the severity of weather parameters for individual utility outages.

Areas of Focus

- Meteorology
- Weather Reconstruction
- Weather-related Accident Investigation
- Hour-by-Hour Snowfall and Rainfall
- Major Electric Utility Outage and Damages
- Aviation Weather
- Environmental Applications
- Climatic Reports and Analysis

Education

- Graduate Studies, Graduate School of Business, Management Information Systems, Northern Illinois University, 1980 - 1983
- Computer Programming, College of Lake County, IL, 1979 - 1980
- Management Supplemental Training, U.S. Air Force, 1971 – 1975
- BS, Meteorology, Parks College of Aeronautical Technology of St. Louis University, 1971
- Dale Carnegie Course on Effective Speaking and Human Relations

Licensing & Certifications

- Certified Consulting Meteorologist
- Certified Small Wind Site Assessor, Midwest Renewable Energy Association

Publications/Technical Reports

- Atmospheric Deposition of Tritium at Nuclear Power Plants, Electric Power Research Institute Technical Report, CN Associates, Inc.; Murray and Trettel, Inc., Principal Investigators Z.H. Shah, T. Piazza, M. Carroll; Environmental Resources Management, 2010
- Reconstruction of Hourly Rainfall Amounts Derived From the NEXRAD Doppler Radar For Brunswick, NC, T.R. Piazza, Technical Report, 1996
- Lake Michigan Ozone Study Weather and Forecaster Final Report, J.P. Bradley, T.R. Piazza, 1990, 1991
- Learning to Forecast Wind at Remote Sites for Wind Energy Applications Final Report, Pacific Northwest Laboratory; Freese-Notis Weather, Inc.; Murray and Trettel, Inc., D.W. Trettel, J.T. Aquino, T. R. Piazza, L.E. Taylor and D.C. Trask; 1983
- The Totals Index and Its Relationship to Thunderstorms Over Central Europe, T.R. Piazza, Frankfurt-Main AMS Chapter Paper, 1973
- The Relationship of Cyclogenesis and the Jet Stream, T.R. Piazza, Research Paper, St. Louis University, 1971

- Detailed Report for Weather Event December 28, 2015, Ameren Illinois Company Technical Report
- Detailed Report for Weather Event August 30 - 31 2013, ComEd Technical Report
- Detailed Report for Weather Event June 24 - 26, 2013, T.R. Piazza, ComEd Technical Report
- Detailed Report for Weather Event July 27 - 28, 2011, T.R. Piazza, ComEd Technical Report
- Detailed Report for Weather Event July 22 - 23, 2011, T.R.. Piazza, ComEd Technical Report
- Detailed Report for Weather Event July 11, 2011, T.R. Piazza, ComEd Technical Report
- Detailed Report for Weather Event June 30, 2011, T.R. Piazza, ComEd Technical Report
- Detailed Report for Weather Event June 21, 2011, T.R. Piazza, ComEd Technical Report
- Detailed Report for Weather Event June 8 - 9, 2011, T.R. Piazza, ComEd Technical Report
- Detailed Report for Weather Event February 1 - 2, 2011, T.R. Piazza, ComEd Technical Report

Associations

- American Meteorological Society
 - Professional Member, 1971 - Present
 - Chicago Chapter, Member, 1976 - Present
 - Chicago Chapter, President, 1995 – 1996
 - Project Atmosphere, Atmospheric Education, 1997 - 2001
- Commercial Weather Services Association, Member, 2003 – 2006

Honors & Awards

- Keeping America Strong Award, Heartbeat of America

Employment

- Humatec, Sr. Consultant – Forensic Meteorology, 2017 - Present
- Murray and Trettel, 1975 - Present
 - President and CEO, 2002 - Present
 - Chairman of the Board of Directors, 2002 - Present
 - Quality Assurance Supervisor, 2002 - Present
 - Finance Committee, 2000 - Present
 - Chief Meteorologist, 1995 - Present
 - Operational Forecast Group, President, 1987 - Present
 - Treasurer, 1993 - 2001
 - Executive Vice President, 1991 - 2001
 - Quality Assurance Auditor, 1976 - 2001
 - Senior Meteorologist, 1981 - 1987
 - Staff Meteorologist, 1975 - 1980
- U.S. Air Force, Weather Officer, 1971 - 1975