

Frank J. Watson

2296 Floral Drive

White Bear Lake, MN 55110

WeathermanWatson.com

watsonwx@aol.com

651.762.2774

SUMMARY:

Bachelor of Science degree in Atmospheric Science (Meteorology) concentrated in forecasting, forensics and storm reconstruction.

EXPERIENCE:

Currently provide long-range and medium range forecasts for agriculture and weather sensitive businesses. Provide storm summaries for seasonal weather companies. Publish yearly weather Twin City weather calendar. Consulting services for weather related events.

PUBLICATIONS:

Watson's Weather Watch Calendar (Yearly from 2004 to 2012)

Minnesota Storms 2006

Monthly weather column for Hugonian newspaper 1996-2005

Town Life Magazine

LeBulliten Magazine (monthly)

Dakota Farmer Magazine (monthly)

Monthly Ag Newsletter (monthly)

May 1982- April 1992: Meteorologist for KARE-11 TV. Forecasting, weather production, severe weather tracking and dissemination, advise newsroom on current weather, on air broadcast.

1992-1999: EarthWatch Communications. Trained clients in EarthWatch weather graphics software for on air production. Created marketing and promotional material. Customer service technician specializing in UNIX. Account manger for the northern half of U.S. servicing over 200 markets.

1983-and current: Bruce and Frank Watson Consulting Meteorologists.

Long and medium range forecasting for weather sensitive and agriculture industry. Publish yearly weather calendar that contains personal weather observations, climate reviews of surrounding region and climate history of Minnesota.

Provide consulting services for use in litigation as well as expert testimony. Provide storm summaries for weather sensitive companies. Provide climate information for the Energy industry.

Developed software for weather informational kiosk.

Create websites for retail and nonprofit organizations. Archive daily weather data from personal observations as well as weather data from the National Weather Service and from cooperative network of local weather observers.

I've written programs that parse out weather data using Perl, Quick Basic, Excel and Linux.

On-site weather monitoring including temperature, precipitation, winds, illumination, sky, water content, solar radiation and black bulb temperature.

Guest on local TV and radio offering my opinion on Minnesota climate, current and future weather trends.

Provide weather related articles for local publications.

Forensic includes work on:

- Effect of weather types on pavements for reconstruction for auto and personal injury.
- Illumination. Daytime, evening, nautical twilight, civil twilight, sunrise, sunset and sun angle.
- Construction and structural damage due to heavy snow, rains, icing, flooding, winds, hail and lightning.
- Heat related stress on individuals using ambient temperature, black bulb, wet bulb global temperature, wind and water content.

Testimony

Personal Injury, lightning strike. July 2004

Personal Injury, Pavement conditions. April 2005

Personal Injury, Pavement conditions. August 2005

EDUCATION: Graduate of University of Wisconsin, Madison.

1983 Bachelor of Science, Atmospheric Science.

University of Minnesota, 1978-1981. Twin City Campus.

Activities:

American Meteorological Society, Twin Cities Chapter

Toastmasters. Four Seasons Toastmasters. Advanced Communicator Bronze, Silver

Roseville Historical Society, Vice President

Marketfest, White Bear Lake, Staff Coordinator.

Sharing and Caring Hands, volunteer

Guest speaker for various organizations