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**Education:**

University of North Dakota  
Bachelor's degree in Atmospheric Science (2000)  
Minors: Math, Geography  
GPA: 3.15 out of 4.00

**Work Experience:**

National Weather Service  
Meteorologist Intern  
Glasgow, MT (2000-2001)

National Weather Service  
Meteorologist (2001-2007)  
Great Falls, MT

National Weather Service  
Lead Meteorologist (2007-present)  
Boulder, CO

**Responsibilities and Accomplishments:**

- As Lead Forecaster, I am responsible for what happens on shift and am the shift supervisor.
- Worked with the Colorado Department of Transportation so our office could receive live video feeds from their cameras around the state. (2009)
- Worked at the Multi Agency Coordination Center for the Democratic National Convention. At the convention I briefed multiple agencies (NORAD, Secret Service, and Colorado DES) on upcoming weather conditions. (2008)
- Issued tornado warnings for the Windsor Tornado, an EF3 that caused extensive damage to Windsor, CO on May 22<sup>nd</sup> 2008. Lead time from when the first warning was issued to when the tornado first touched down was eight minutes. Lead time from when Windsor was first warned to when the tornado hit the town was 22 minutes.
- Set-up bias corrected grids for GFE. Bias corrected grids look at past observations and take out warm/cold biases in the models. (2008-2009)
- Wrote a web page that displays 110 web cameras from around our forecast area. (2007)
- Fire Weather Program Manager 2001-2007.
- Received Local Cline Award for excellence in managing the Fire Weather Program in 2007.
- Incident Meteorologist (IMET) on 11 fires for a total of 95 days since 2002.
- Gave over 350 weather briefings at wildfires to firefighters (federal, state, and local), displaced

residents, and tour groups.

- Taught 11 S-290 Fire Behavior classes and two S-390 Fire Behavior classes with class sizes of 20-40 students.
- Set-up three different weekly conference calls with state and federal customers to help determine fire restrictions across central and southwest Montana from 2005-2007.
- Briefed state and federal fire weather customers 20 times during the 2005 and 2006 wildfire season.
- Provided on-site weather information and helped teach 80 fire fighters at Montana South Central Engine Academy in 2006 and 2007.
- Gave feedback to forecasters on fire weather forecasts, NFDRS forecasts, spot forecasts, and Red Flag Warnings.
- Developed a one hour individual fire weather forecasting training session for 15 forecasters (2004).
- Met with fire weather customers before and after each fire season to gather feedback and ensure products and services met their needs.
- Worked with adjacent offices' fire weather program managers to review and modify the Northern Rockies Fire Weather Annual Operating Plan (2002-2007).
- Expanded spring outreach for the fire weather program from one meeting with 10-15 customers in 2001 to five meetings with about 200 customers in 2007.
- Gave a presentation on PoP Verification to the staff in October 2006 showing how changes in philosophy I presented one year earlier improved forecasting scores. During this presentation, I gave further recommendations for improving PoP forecasts. In 2004 and 2005, MEX Guidance outperformed our office by about 7%. In 2006, after the philosophy change, MEX guidance outperformed our office only by 0.9%. As of April 31st, our 2007 forecasts have out performed MEX guidance by 0.2%.
- Presented eight times at regional and national workshops.
- Member of the 2007 Constituents Day Team. My job was to help plan for Constituents Day and invite fire weather customers. I also showed our constituents how we prepare a forecast using AWIPS and GFE.
- Member of the Great Falls Outreach Team (2006). We designed a booth for a hydrologic fair. We also developed a new outreach booth for all outreach efforts and organized the spring spotter newsletter.

### **Leadership Training:**

- Attended a Leadership Workshop called "Maximum Impact Simulcast: The Influence Index".
- Read the following leadership books: The Situational Leader by Dr. Paul Hersey, ZAPP! by Br. William C. Byham, and Leading Change by John P. Kotter

### **Leadership Classes:**

- 01/06-01/07 Success Oriented Supervision (USDA) – 2 Credits (40 hours) Course Grade A
- 02/06 Introduction to Supervision (USDA) – 3 ACE Credits
- 01/06 Dealing with Difficult People (Private) (8 hours)