

Kevin Barjenbruch

National Weather Service Weather Forecast Office
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Objective:

Become an integral part of the WAS*IS cadre, engaged in identifying methodologies for improving communication, understanding, and use of weather information, with the ultimate goal of improving public response.

Educational Background:

Bachelor of Science in Meteorology, December 1987
The University of Nebraska-Lincoln

Career Positions:

July 2004 through current

Warning Coordination Meteorologist, NOAA's National Weather Service Salt Lake City, UT

December 1998 through July 2004

Senior Forecaster, NOAA's National Weather Service Northern Indiana

August 1992 through December 1998

General Forecaster, NOAA's National Weather Service Cleveland, OH

April 1988 through August 1992

Meteorologist Intern, NOAA's National Weather Service Fort Wayne, IN

Professional Experience:

- Currently active as a member of the National Climate Products and Services Team, charged with improving climate services for the media, academia, private enterprise, and the public.
- As member of the NWS Central Region Flash Flood Services Improvement Team, addressed a broad range of topics ranging from operational policies and practices to external outreach initiatives aimed at improving public response.
- As a NOAA Survey Feedback Action Facilitator, facilitated numerous workgroup meetings within NOAA Fisheries, guiding workgroups in the identification of barriers in systems, policies, and practices. Once barriers were identified, I assisted workgroups in developing actions plans, aimed at improving products and services, both internal and external.
- Completed SFA Facilitator Training by National Training Laboratory (NTL) which focused on a number of instruments aimed at understanding individual differences such as Myers-Briggs Type Indicator, FIRO, and Thomas-Kilman Conflict Mode.
- Completed Team Training at the National Weather Service Training Center.

Experience and Proficiency:

- Engaged in day to day operational meteorology and hydrology.
- Utilize Doppler Radar, Advanced Weather Interactive Processing System, and other key technologies to issue a suite of routine forecasts, including Hydrologic, Marine, Fire Weather, Public, and Aviation forecasts as well as non-routine, watches, warnings, and advisories.

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- Prioritize tasks, allocate resources/personnel, resolve conflicts, promote team concept, and train and evaluate staff.
- Have given numerous weather spotter training, StormReady, products and services, and safety presentations.
- Prepared numerous publications and brochures through the use of Microsoft publisher, with several of them having been posted on regional/national resource pages.
- Recently, created a Flash Flood Safety brochure for the slick rock and slot canyon areas of southern Utah. This guide was designed to increase awareness of flash flooding, leading to improved public response when flash flood warnings are issued or the potential exists.

In my current capacity as Warning Coordination Meteorologist:

- Integral role in managing operations to ensure the proper application of the integrated warning system.
- Serve as the primary customer service representative to the local community, working with local and state emergency responders.
- Recent focus has been on improving public awareness and preparedness for weather hazards in the State of Utah:
 - * Created and led a Winter Weather Preparedness Committee composed of multiple State and Federal Agency representatives.
 - * Have utilized resources of the team for winter weather, flood/flash flood, and lightning preparedness campaigns.

Technical writing experience includes authoring/co-authoring papers in refereed journals including:

- A Preliminary Assessment of the WSR-88D Hail Detection Algorithm's Performance over Northern Ohio and Northwest Pennsylvania, December 1997 issue of National Weather Digest .
- THE 24 OCTOBER 2001 TORNADO OUTBREAK–Preprints, 21st Conf. On Severe Local Storms and submitted to Weather and Forecasting.
- When the Weather Turns Severe - A Guide to Developing a Severe Weather Emergency Plan for Schools.

Software Skills:

- Microsoft PowerPoint, Excel, Publisher, & Image Composer and Adobe Premiere.

Awards and Honors:

2003 United States Department of Commerce Gold Medal Organizational Award - WFO IWX - Tornado warnings issued 11/10/02, F-4 Van Wert, OH Tornado.

2003 NOAA Bronze Medal Joint Organizational Award - SFA Facilitator Cadre.

Regional Excellence Award for work with the Central Region Flash Flood Services Improvement Team.

References:

Mr. Larry Dunn, Meteorologist-In-Charge
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