

Scott F. Blair
NOAA National Weather Service
1116 NE Strait Ave • Topeka, KS 66616
scott.blair@noaa.gov

Education:

- B.S., Atmospheric Sciences, 2005, University of Louisiana at Monroe, Monroe, LA

Professional Experience:

- 2007-present General Forecaster, National Weather Service, Topeka, KS
Routinely produce public and aviation forecasts, including radar interrogation and issuing convective and winter weather warnings for northeast Kansas. Projects include developing and promoting new storm report technologies available from the field in real-time to support the NWS warning decision process; developing multimedia internet weather briefings tailored to NWS customers; and served as a member of the Central Region Graphics Team developing best practices for local NWS offices to improve public interpretation of graphics.
- 2005-2007 Meteorologist Intern, National Weather Service, Goodland, KS
Collected and disseminated weather observations and public storm reports, including composing public weather summaries for northwest Kansas, southwest Nebraska, and eastern Colorado. Created headline news stories for public consumption and assisted in organizing several outreach efforts, including a NWS office open house.
- 2005 Meteorological Technician, Baron Services, Inc., Huntsville, AL
Provided technical support for Baron weather products; assisted clients with software and algorithm training which served broadcasting, public safety, marine, and aviation interests.
- 2001-2005 Broadcast Meteorologist/Reporter, KEDM-FM Public Radio, Monroe, LA
Served as the on-air weather personality for southern Arkansas and northern Louisiana providing listeners with detailed daily weather information; on-scene live reports during significant weather events, including several landfalling major hurricanes.

Peer-Reviewed Publications:

- Pietrycha, A. E., S. F. Blair, T. J. Allison, D. R. Deroche, and R. V. Fritchie, 2009: Emerging technologies in the field to improve information in support of operations and research. *NWA Electronic Journal of Operational Meteorology* (forthcoming).
- Blair, S. F., D. R. Deroche, and A. E. Pietrycha, 2008: In situ observations of the 21 April 2007 Tulia, Texas tornado. *Electronic J. Severe Storms Meteor.*, 3(3), 1–27.

Informal Publications:

- Blair, S. F., A. E. Pietrycha, T. J. Allison, D. R. Deroche, and R. V. Fritchie, 2008: Emerging technologies in the field in support of operations and research. Preprints, *24th Conf. on Severe Local Storms*, Savannah, GA, Amer. Meteor. Soc., AMS Online, 16B.6.
- Howard, J. R., S. F. Blair, J. Finney, M. S. Chenoweth, and S. A. Mullins, 2005: Near-ground observations from Hurricanes Frances and Ivan (2004). Proceedings, *10th Americas Conference on Wind Engineering*, Baton Rouge, Louisiana, CD-ROM.
- Blair, S. F., and E. M. Nguyen, 2005: An examination of the 12 June 2004 Mulvane, Kansas tornado. Preprints, *4th Annual Southeast Severe Storms Symposium*, Starkville, Mississippi, CD-ROM.

Selected Conference Abstracts/Presentations:

- Blair, S., B. Mills, and J. Blair, 2009: Surface Pressure Observations from Portable and Land-Based Stations in Hurricane Gustav (2008). *6th Annual Southeastern Coastal and Atmospheric Processes Symposium*, Mobile, Alabama, P8.
- Blair, S., A. Pietrycha, T. Allison, R. Fritchie, and D. Deroche, 2008: Emerging Technologies in the Field in Support of Operations and Research. *12th Annual High Plains Conference*, Hays, Kansas.

- Deroche, D., S. Blair, and A. Bailey, 2008: Innovative Communication Utilizing Multimedia Weather Briefings. *12th Annual High Plains Conference*, Hays, Kansas.
- Blair, S., D. Deroche, and A. Pietrycha, 2007: Preliminary Results from In Situ Observations of the 21 April 2007 Tulia, Texas Tornado. *11th Annual High Plains Conference*, Hastings, Nebraska.
- Blair, S., 2006: Convective Initiation and Flow Regimes of Severe Storms Across the Central High Plains. *10th Annual High Plains Conference*, Dodge City, Kansas.
- Howard, R., S. Mullins, S. Blair, D. Jones, and J. Finney, 2006: ULM HELPS: Meteorological Aspects of Hurricanes Katrina & Rita from the Field. *5th Annual Southeast Severe Storms Symposium*, Starkville, Mississippi.
- Howard, R., and S. Blair, 2005: An Analysis of the Coastal Transition from the Landfalls of Hurricanes Frances and Ivan. *4th Annual Southeast Severe Storms Symposium*, Starkville, Mississippi.
- Croft, P., A. Gerard, P. Pyle, and S. Blair, 2003: Preliminary Investigation of Observed Microburst Characteristics and Forecasting Methods. *28th Conference National Weather Association*, Jacksonville, Florida.

Recent Invited Presentations:

- Mar. 2009, Wheaton IL, Northern Illinois Multi-County Skywarn Advanced Spotter Training; Mar. 2009, Norman, OK, National Severe Weather Workshop; and Mar. 2009, Lawrence, KS, 9th Annual Douglas County Severe Weather Symposium: "Electronic Storm Spotting and Emerging Technologies in the Field"
- Sep. 2008, Topeka, KS, Annual Kansas Emergency Management Association Conference: "Emerging Technologies in the Field to Support NWS Operations"
- Mar. 2008, Topeka, KS, Kansas Museum of History: "Severe Weather and Storm Observing in the Sunflower State"
- Mar. 2008, Kansas City, KS, Kansas City Chapter AMS; Jan. 2008, Little Rock, AR, Arkansas Chapter AMS/NWA and Jan. 2008, Monroe, LA, University of Louisiana at Monroe: "In Situ Observations of the 21 April 2007 Tulia, Texas Tornado"
- Mar. 2007, Lawrence, KS, 7th Annual Douglas County Severe Weather Symposium: "Spotter Network: An Infusion of New Technology"

Selected Awards/Honors:

- Mar. 2009, Unit Citation - NOAA Coin spot award for service during Dec. 2006 snowstorm
- Nov. 2008, Local Cline Award: Exceptional Accomplishments in Meteorology
- Mar. 2007, Department of Commerce Bronze Medal for the Nov. 2005 blizzard at WFO Goodland
- Jun. 2006, Louisiana AP Broadcasters Association: 'Story of the Year', '1st Place Continuing Coverage', '1st Place Breaking Weather' - Hurricane Katrina
- Apr. 2005, ULM College of Arts & Sciences Award Convocation: 'Outstanding Accomplishment'
- Apr. 2005, ULM Department of Geosciences: 'Outstanding Research in Atmospheric Sciences'
- Jun. 2005, Louisiana AP Broadcasters Association: '1st Place Breaking Weather' -Hurricane Ivan
- Feb. 2005, Northeast Louisiana American Advertising Federation: 'Silver Addy' -Hurricane Ivan
- Jun. 2003, Louisiana AP Broadcasters Association: '1st Place Breaking Weather' -Hurricane Lili
- Apr. 2003, ULM College of Arts & Sciences Award Convocation: 'Outstanding Accomplishment'

Other Related Activities:

- Served as primary presenter at numerous NWS Storm Spotter training classes (2006-09); participated on several tornado damage surveys (2006-2009); numerous interactions between Emergency Managers and media; research member of Hurricane Evaluation at Landfall Project for Science (ULM-HELPS 2004-2005); trained in FEMA Incident Command System 100a, 200a, 700; American Red Cross First Aid/CPR certified; licensed Amateur Radio Operator (KD5KOW).