



The NWA: Connecting
operational meteorologists
in pursuit of excellence
in weather forecasting,
communication, and
service.

No. 12 – 8

Newsletter AUGUST 2012

Exciting New NWA Member Benefit!

The NWA is pleased to announce that on Sept. 12, we are launching a new weekly e-news brief, the *NWA Weekly Update*, in partnership with our publishing company, MultiView. The *NWA Weekly Update* will be distributed to the inboxes of NWA members only every Wednesday and will feature current NWA news and compelling articles on operational meteorology, satellite information, trends, forecast techniques and developments, weather research, and societal impact of weather events. Here's an example of how the new brief will look to the right.

I invite you to take advantage of this member's only benefit.

Steve Harned
Executive Director



Latest NWA News

NWA now accepting preregistration orders for 2012 annual meeting

NWA Share
Preregister now to attend, share and learn at the 37th NWA Annual Meeting from Oct. 6-11 in Madison, Wis. Online preregistration; exhibit; sponsorship and advertising opportunities; hotel and general meeting information are continually updated. Hotel room reservations are filling up fast. The Hilton is now full and the Concourse has very few rooms left. The Best Western still has rooms available from Saturday through Wednesday. [MORE](#)

Other News of Interest

Social media: A new horizon for forecasting

Weatherwise Share
One could argue that weather-related social media have existed at least since the dawn of the Internet, though not in the same forms as today. Today, social media offer a quick and easy way for the public to interact with meteorologists and other weather enthusiasts, providing observations, discussion, images, and video in near real-time from their own locations. [MORE](#)

NWA 37th Annual Meeting Information

October 6–11 in Madison, Wisconsin

Synthesizing Weather Information for Society: From Observations to Actions across our Communities

For information on exhibits,
sponsorships, poster presentations
and registration see:

www.nwas.org/meetings/nwa2012/

Authors, please inform the Program Committee at annualmeeting@nwas.org any corrections or changes required in the listing of your presentations or abstracts as soon as possible. Instructions for forwarding your PowerPoint slides via ftp for oral presentations will be forthcoming.

Listing of Oral Presentations

(All activities will be held in Monona Terrace unless otherwise noted)

Saturday, October 6

11 am NWA 10th Annual Scholarship Golf Outing, Yahara Hills Golf Course in Madison (See p. 5)
Tee times at 11:30 am and 12:30 pm

1 pm Registration; information desk opens (Closes at 7 pm)

1 pm Exhibit room setup: Hall of Ideas

Sunday, October 7

7 am Registration; information desk opens (Closes at 6 pm)

8:30 am Broadcast Meteorology Workshop: Ballroom A

9 am Exhibits open: Hall of Ideas

12 pm Fifth Annual Student Session: Ballroom C

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**Broadcast Meteorology Workshop:
Ballroom A**

8:30 am Welcoming Remarks ~ Elizabeth Quetone, NWA President

8:35 am Opening Remarks ~ Nick Walker, The Weather Channel and NWA Broadcast Meteorology Committee Chair, Atlanta, Ga., and Mike Goldberg, WSET-TV Lynchburg, Va., and NWA Broadcast Meteorology Workshop Chair

8:45 am Welcome to Madison

9 am Weathercaster Effectiveness: The Role of Gesturing in Forecast Attention and Retention ~ Jay Trobec, Chief Meteorologist, KELO-TV Sioux Falls, S.D.

9:15 am Choose Your Words ~ Alan Sealls, Chief Meteorologist, WKRG-TV Mobile, Ala.

9:30 am NEXRAD Data Dealiasing Problems Impacting Television Coverage of Severe Weather ~ Kevin B. Laws, NOAA/National Weather Service, Birmingham, Ala.

9:45 am Connecting Warnings to Action: Preparing a More Informed Community ~ Josh Johnson, WSFA-TV, Montgomery, Ala.

10 am Coffee break. Exhibits open.

10:30 am Severe Weather Workshop ~ Greg Carbin, National Oceanic and Atmospheric Administration (NOAA)/National Weather Service (NWS)/Storm Prediction Center (SPC), Norman, Okla.

11:30 am A Review of Significant Weather Events Occurring in 2012 ~ Greg Carbin, NOAA/NWS/SPC, Norman, Okla.

12 pm Lunch on your own

1:30 pm Social Media Workshop ~ Tiffany Sunday

3 pm Coffee break. Exhibits open.

3:30 pm Framing the Picture: Historical Context of Weather Events ~ Michael Timlin, Midwest Regional Climate Center

3:45 pm A Quantitative and Qualitative Examination of Tornado Related Statistics Across the United States ~ Alan Gerard, NOAA/NWS, Jackson, Miss.

4 pm NOAA Weather Radio in the Digital Age ~ Bruce T. Jones, Midland Radio Corporation

4:15 pm Operational Use of NEXRAD Dual-Polarimetric Radar Data ~ Chris Carr, Baron Services

4:30 pm Enhancing Broadcaster's Severe Weather Presentations Using Dual-Polarization Radar Products, Part 1 ~ Ray Hawthorne, Weather Central

4:45 pm Enhancing Broadcaster's Severe Weather Presentations Using Dual-Polarization Radar Products, Part 2 ~ Mike Massaro, Weather Services International

5 pm Announcements/Dinner on own

7 pm DVD Swap ~ Nick Walker, The Weather Channel and NWA Broadcast Meteorology Committee Chair; Miles Muzio, KBAK-TV, Bakersfield, Calif., and NWA Broadcast Seal of Approval Committee Chair

Student Session: Ballroom C

12 pm Opening Remarks

12:15 pm Government careers

12:45 pm Grad School/Academic Careers ~ Dr. Paul J. Roebber, Associate Dean for Academic Affairs, School of Freshwater Sciences, Director of Innovative University of Wisconsin-Milwaukee Distinguished Professor, UWM, Milwaukee, Wisc.

1:15 pm Private sector careers

1:45 pm Weather Ready Nation ~ Kenneth F. Carey, Senior Principal Systems Engineer, Center for Sustainability: Earth, Energy, and Climate, Noblis, Falls Church, Va.

2:15 pm Social Media Workshop ~ Diane Cooper, Service Hydrologist, NWS Twin Cities/Chanhassen, Minn.

3:15 pm Speed Mentoring ~ Michael Page, Broadcast Meteorology Student, and Speed Mentoring Tiger Team

4:45 pm Dinner

6 pm **Student Poster Session – Hall of Ideas**

8:30 pm Student DVD Critique - Michael Goldberg, WSET-TV Lynchburg, Va., and NWA Broadcast Meteorology Workshop Chair

**Monday, October 8
General Session: Ballroom AB**

7 am Registration; information desk opens (Closes at 4 pm)

9 am Exhibits open: Hall of Ideas

6 pm Icebreaker – Grand Terrace

7:45 am Welcome

8 am Keynote Speaker ~ Tom Skilling, Chief Meteorologist, WGN, Chicago, Ill.

Session A1: Weather Analysis and Forecasting-NWP

8:45 am The Chicago Aviation Initiative: More Than Meets the Eye ~ Mike Bardou, NOAA/NWS/WFO Chicago/Romeoville, Ill.

9 am Analysis of Satellite Signatures, Pattern Recognition, and Eddy Dissipation Rate In Determining Potential Areas of Convectively Induced Turbulence ~ Rick Di Maio, Instructor Lewis University

9:15 am Using Historical Analogs as Medium-Range Guidance for Severe Weather Episodes ~ Chad M. Gravelle, UW-CIMSS/NWS Proving Ground Charles E. Graves, Jeffrey P. Craven, Alan E. Gerard and John P. Gagan

9:30 am Using Anomalies to Forecast High-Impact Events ~ David L. Beachler, NOAA/National Weather Service/Weather Forecast Office Chicago, Ill., Richard H. Grumm

9:45 am Morning break

Session A2: Remote Sensing-Satellite

10:15 am Keynote Speaker ~ Dr. Kathryn Sullivan, Assistant Secretary of Commerce for Environmental Observation & Prediction / Deputy Administrator and Acting Chief Scientist, DOC/NOAA, Washington, D.C.

10:45 am NOAA Operational Satellites, Products, & Services: Current Status & Updates from SPSP User Services
Matthew Seybold, NOAA/NESDIS, College Park, Md., Natalia Donoho and Thomas Renkevics

11 am Operational Uses of the ABI (Advanced Baseline Imager) on the GOES-R Series ~ Timothy J. Schmit, NOAA/NESDIS/ASPB, Madison, WI
Mathew M. Gunshor, Kaba Bah, James J. Gurka and Jason Otkin

11:15 am The GOES-R Proving Ground: User Input from the 2012 Demonstrations and Future Plans ~ James Gurka, NOAA/NESDIS/GOES-R, Steve Goodman, Timothy Schmit, Mark De Maria and Anthony Mostek

11:30 am WFO Charleston, SC Use of GOES-R Simulated Satellite Data in Forecast Operations ~ Frank Alsheimer, NOAA/NWS Charleston, S.C.

11:45 am VIIRS Data in AWIPS: Supporting Operational Forecasters ~ Kathleen Strabala, UW-Madison/SSEC
Ray Garcia, David Hoese, Eva Schiffer, Jordan Gerth, Scott Bachmeier, Liam Gumley and Dayne Broderson

12 pm Lunch Break

1:30 pm Keynote Speaker ~ Dr. Louis Uccellini, Director of the NWS National Centers for Environmental Prediction (NCEP), Camp Springs, Md.

Session A3: Remote Sensing-Radar

2 pm NEXRAD Data Dealiasing Problems Impacting Television Coverage of Severe Weather ~ Kevin B. Laws, NWS Birmingham, Ala.

2:15 pm Radar Applications for Nowcasting Lightning Cessation ~ Elise V. Schultz, Univ. of Alabama, Huntsville, Ala.; Geoffrey T. Stano, Lawrence D. Carey and Walter A. Petersen

2:30 pm Developing a Winter Surface Hydrometeor Classification Algorithm for the WSR-88D Polarimetric Upgrade ~ Kimberly L. Elmore, OU-CIMMS/NSSL, Norman, Okla.; Heather D. Reeves, Alexander Ryzhkov, Terry Schuur, Kiel Ortega, Matthew Kumjian and John Krause

2:45 pm Afternoon break

Session B4: Tropical & Marine Weather

3:15 pm CIMSS Tropical Cyclones Web Page ~ Dave Stettner, CIMSS-SSEC-UW-Madison; Chris Velden and Tim Olander

3:30 pm The June 30, 2011 Lake Michigan Supercell - An Overview and the Role of Terminal Doppler Radar Data in Identifying Storm Scale Features ~ J. J. Wood, NOAA/NWS, Milwaukee/Sullivan, Wis.; Ricky Castro, NOAA/NWS, Chicago/Romeoville, Ill.

3:45 pm Environmental Water Vapor and Tropical Cyclogenesis Forecasting ~ Derek Ort, ImpactWeather, Inc.

4 pm Examining Trends in Satellite-Detected Overshooting Tops as a Potential Predictor of Tropical Cyclone Rapid Intensification ~ Sarah Monette, Cooperative Institute for Meteorological Satellite Studies, Madison, Wis.; Christopher Velden, Kyle Griffin, and Christopher Rozoff

Session B5: Hydrology-Heavy Rain-Flooding

4:15 pm The Need for Mesoscale Precipitation Discussions: The Start of MetWatch Desk Operations at the Hydrometeorological Prediction Center ~ Andrew Orrison, NOAA/NWS/NCEP/Hydrometeorological Prediction Center; Richard Otto, Faye Barthold and Thomas Workoff

4:30 pm Evaluation and Distribution of COAMPS-TC QPFs on the Basis of Flooding Potential ~ Brian J. Billings, Saint Cloud State University, Saint Cloud, Minn.; James D. Doyle

4:45 pm The Historic Heavy Rainfall and Flooding Events of 7-8 September 2011 across the Mid-Atlantic and Northeastern States ~ Michael L. Jurewicz, Sr., NOAA/NWS, Binghamton, N.Y.

5 pm An Overview of the Historic 19-20 June 2012 Flash Flood Event in Duluth, MN and Adjacent Areas of Northern Minnesota and Northwest Wisconsin ~ Dan Miller, NOAA/NWS, Weather Forecast Office, Duluth, Minn.; Brian Tentinger, Roseanne Sengenberger, Steve Gohde and Diane Cooper

5:15 pm Verification and Diagnoses of Ensemble Quantitative Precipitation Forecast (QPF) Forecasts during Extreme Events in California during the Hydrometeorology Testbed Winter Exercises; Brian Etherton, NOAA/ESRL/GSD/FAB, Boulder, Colo.; Ed Tollerud and Tara Jensen

Session C6: Winter Weather

3:15 pm Environments Favorable for Extreme Snow Ratios across the Upper Mississippi River Valley Region ~ Andrew Just, NOAA/NWS, La Crosse, Wis.; Dan Baumgardt and Dave Schmidt

3:30 pm Boundary Layer Destabilization of Non-Typical Blizzard Events in the Central Plains ~ Jacob Beitlich, National Weather Service, Minneapolis, Minn.; Karl Jungbluth and Ken Podrazik

3:45 pm Climatology and Conceptual Models of Snowfall Distribution in Cold-Season Central United States Cyclones ~ Dr. Marty Baxter, Central Michigan University, Mount Pleasant, Mich.; Phil Schumacher

4 pm Environments Favorable for Heavy Snow Across the Upper Mississippi River Valley Region ~ Dan A. Baumgardt, NOAA/NWS, La Crosse, Wis.; Dan Jones, Dr. Charles Graves, Chad Gravelle and Jayson Gosselin

4:15 pm Development of a Winter Impact Index for the Twin Cities ~ Shawn DeVinny, NOAA/NWS, Twin Cities/Chanhausen, Minn.; Tom Hultquist

Session C7: Fire Weather

4:30 pm The Buildup and Operational Response to the Extreme New Mexico Wildfire Season of 2011: From Climate Variability and Synoptic Regimes to Decision Support and Customer Interactions ~ Deirdre Kann, NWS, Albuquerque, N.M.; J. Brent Wachter

4:45 pm Large fire growth influenced by dry slots: Case for more consistent and accurate wildland fire nowcasting and forecasting utilizing satellite water vapor imagery ~ Fred J. Schoeffler, U.S. Forest Service Coconino National Forest, Ariz.

5 pm Synthesizing Weather Information for Wildland Fire Decision Making in the Great Lakes Region ~ John Horel, University of Utah, Salt Lake City, Utah; Judy Pechmann and Chris Galli

5:15 pm Weather Conditions Associated with the Great Peshtigo Fire of 8 October 1871 ~ Tom Hultquist, NOAA/NWS, win Cities/Chanhasen, Minn.

Tuesday, October 9

General Session: Ballroom AB

7 am Registration; information desk opens (Closes at 4 pm)

7:45 am Weather briefing

8 am Keynote Speaker ~ Dr. Louis Uccellini, Director of the NWS NCEP, Camp Springs, Md.

9 am Exhibits open: Hall of Ideas

10 am Poster Session: Hall of Ideas

Session D8: Severe Storms-Tornadoes-Lightning

8:30 am Severe Wind-Driven Hail Events: An Update on Preferred Convective Morphologies and Operational Predictability ~ Michael A. Fowle, NOAA/NWS/Aberdeen, S.D.; William A. Gallus Jr., Nicholas D. Carletta and Daniel J. Miller

8:45 am A Multivariable Aggregate Severe Parameter for Severe/Tornado Prediction: CWASP ~ Jeffrey P. Craven, NOAA/NWS Sullivan, Wisc.; Jerry Wiedenfeld

9 am An Examination of Tornado Outbreak Environments and Their Societal Impacts with an Emphasis on Major 2011 & 2012 Events ~ Dr. Russell Schneider, NOAA/NWS/SPC; Andy R. Dean

9:15 am An Evaluation Of Convective Warning Utilization by the General Public ~ Dawn P. Wedig, University of North Carolina Asheville, Asheville, N.C.; Christopher M. Godfrey, P. Wolf, M. K. Goldsbury and J. A. Caudill

9:30 - 11 am Poster Session

Session D9: Emerging Technologies

11 am Rapid Access to Real-time and Forecast Products through a Web Map Service ~ Russell Dengel, SSEC/University of Wisconsin-Madison; Sam Batzli, Dave Parker, Nick Bearson and Dave Santek

11:15 am The Storm Damage Assessment Toolkit - Storm Damage Survey Data Collection using Smartphones and Tablets ~ Keith Stellman, NWS Shreveport, La.

11:30 am Leveraging New Video Conferencing Technologies for National Weather Service Decision Support ~ Timothy W. Troutman, NWS Huntsville, Ala.; Corey Pieper, Tim Brice, Tom Johnstone and Kerry Jones

11:45 am The DOE Perspective on Supporting Wind Energy with NOAA Partnerships a Continuation from 2011's Agreement ~ Joel Cline, NOAA/NWS Liaison to U.S. Dept. of Energy, Washington, D.C.

Noon Lunch break

12 pm 1st NWA Women's Luncheon Capital Club ~ Hilton-Madison Monona Terrace Hotel

Session D10: Weather-Ready Nation

1:30 pm Keynote Speaker ~ Laura Furgione, Acting Director, NOAA/NWS, Silver Springs, Md.

2 pm National Weather Service Weather-Ready Nation Roadmap and Pilot Projects ~ Chris Strager, NOAA/NWS, Silver Spring, Md.

2:15 pm Early Findings and Results from the Central Region Impact Based Warnings Demonstration ~ Michael J. Hudson, NOAA/NWS Kansas City, Mo.; Peter A. Browning, Kenneth Harding, Kenneth J. Galluppi and Jessica L. Losego

2:30 pm NWS Operations Proving Ground Evaluating and Validating Science and Services ~ Kim Runk, NOAA/NWS Central Region/NWS Operations Proving Ground; Chad M. Gravelle and Somer Erickson

2:45 pm Weather Ready Nation: WFO Sterling Pilot Project: Impact-Based Decision Support Services (IDSS) ~ Kyle Struckmann, NWS, Sterling, Va.; Steven Zubrick, Steve Goldstein and Kenneth Widelski

3 pm Building a Weather Ready Nation with Regional Partners: The NWS Southern Region Headquarters Regional Operations Center Pilot Project ~ Jennifer McNatt, Emergency Response Meteorologist, NWS Southern Region Headquarters, Fort Worth, Texas; Timothy Oram, Mark Wiley, Brian Hoeth, and Kurt Van Speybroeck

3:15 pm Distributed and Collaborative Simulations as a Foundation for Weather-Ready Nation Success ~ Dale Morris, University of Oklahoma/CIMMS/WTDB

3:30 pm Afternoon break

4 pm Town hall meeting

Wednesday, October 10

General Session: Ballroom AB

7 am Registration; information desk opens (Closes at 4 pm)

8 am Weather briefing

8:15 am Keynote speaker ~ Jon Davis

Session E11: Remote Sensing-Radar

8:45 am Enhancing Weather Training Through Continual Learning Solutions ~ Chris Spannagle, CIMMS/WTDB, Norman, Okla.; Clark Payne

9 am Dual Polarization Radar Tornado Vortex Signature Best Practices ~ Paul Schlatter, NOAA/NWS, Washington, D.C.

9:15 am Dual-Polarization Radar and Impact-Based Warnings: An Operational Perspective Examining the 14 April and 19 May 2012 Tornado Outbreaks ~ Kenneth R. Cook, NOAA/NWS, Wichita, Kan.

9:30 am Morning break

Session E12: Weather Review of 2012

10 am A Review of Significant Weather Events Occurring in 2012 ~ Greg Carbin, NOAA/NWS/SPC, Norman, Okla.

Session E13: Severe Storms- Tornadoes-Lightning

10:30 am NWS Charleston, WV Pilot Project: Combining New Science and Forecasting Techniques in an Operational Environment ~ Chris Leonardi, NWS, Charleston, W.Va.; Julia Ruthford, Jonathan Wolfe and Jeffrey Hovis

10:45 am Using UW-Cloud Top Cooling Rates in Convective Storm Warning Experiments ~ Justin Sieglaff, UW/CIMSS/SSEC Madison, Wisc.; Lee Counce and Wayne Feltz

11 am Evaluation of the GOES-R Proving Ground Convective Initiation Products in the Plains: Evaluation through Case Studies ~ Daniel Nietfeld, NOAA/NWS, Omaha, Neb.; Mark Anderson, Jason Apke, Casey Griffin and Adam Taylor

11:15 am Analysis of Lightning Mapping Array Data during Severe Weather in the Mid-Atlantic ~ Dan Proch, NWS Wakefield, Va.

11:30 am Lightning Jump Algorithm and Relation to Thunderstorm Cell Tracking, GLM Proxy and other Meteorological Measurements ~ Christopher J. Schultz, Dept. of Atmospheric Science, UA-Huntsville, Ala.; Lawrence D. Carey, Daniel J. Cecil and Monte Bateman

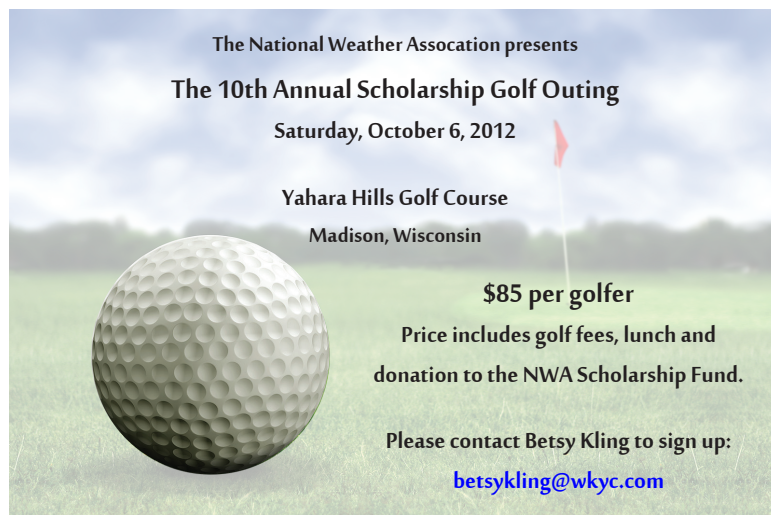
11:45 am National Lightning Safety Toolkit Updates ~ Timothy W. Troutman, NWS Huntsville, Ala.; Charles Woodrum, Stephen Wilkinson and Donna Franklin

Noon Awards luncheon: Ballroom CD

Session E14: Weather Analysis and Forecasting-NWP

2 pm Near-Storm Scale Numerical Models for local WFO Operations A Unique Strategy for Frequent Assessments of the Evolving Convective Threat ~ Peter F. Blottman, NWS, Melbourne, Fla.; Matthew R. Volkmer, David W. Sharp, Amanda R. Bowen and Jonathan C. Guseman

2:15 pm Linear Optimization as a Solution to Improve the Sky Cover Guess, Forecast ~ Jordan Gerth, CIMSS/SSEC/University of Wisconsin



2:30 pm Sensitivity of Model Physics and Grid Resolution on Forecasts of Severe Convection in Convection Allowing Models ~ Chris Franks, NOAA/NWS, Twin Cities/Chanhassen, Minn.; Tom Hultquist

2:45 pm Examining Verification of Precipitation Forecasts ~ Philip Schumacher, NWS Sioux Falls, S.D.

3 - 4:30 pm Poster Session

Session E15: Social Media Bootcamp

4:30 pm Social Media Boot Camp ~ Tiffany Sunday, NWA Social Media Committee; Tim Brice

Thursday, October 11

General Session: Ballroom A

7 am Registration; information desk opens (Closes at 3 pm)

8 am Weather briefing

Session F16: AWIPS Migration

8:15 am Keynote speaker ~ TBA

8:45 am Live AWIPS2 Demonstration

9 am Building the Framework for Severe Weather Warning Hazard Services in AWIPS2 ~ Greg Stumpf, CIMMS and NWS/ Meteorological Development Laboratory (MDL); Bryon Lawrence and Tracy Hansen

9:15 am WES-2 and WES-2 Bridge: Training Capabilities in AWIPS-2 ~ Dale Morris, University of Oklahoma/CIMMS/ WDTB; Iqbal Virani, Michael Magsig and Nazir A. Mohamed Said

9:30 am AWIPS2 Panel Discussion

10 am Morning break

Session F17: Remote Sensing- Satellite

10:30 am Improving Forecasts of Clouds and Convection using Simulated Satellite Imagery ~ Daniel T. Lindsey, NOAA/ NESDIS/STAR/RAMMB, Fort Collins, Colo.; Jason Otkin, Justin Sieglaff, Dan Bikos and Louie Grasso

10:45 am Improving Very-short-range Forecasts of the Pre-Convective Environment using Operational Geostationary Satellite Observations ~ Ralph A. Petersen, University of Wisconsin-Madison, CIMSS, Robert Aune, William Line and Richard Dworak

11 am A Quantitative Fog/Low Stratus Detection Algorithm for GOES-R ~ Corey Calvert, UW - CIMSS Michael Pavolonis

11:15 am Operational Fog Forecasting: GOES-R and Archive Multimodal Approach ~ Dr. Paul J. Croft, Kean University, Union, N.J.; Alan M. Cope

11:30 am Methods for Detecting Turbulence within Satellite Mountain Wave Signatures ~ Anthony Wimmers, CIMSS; Wayne Feltz

11:45 am Leveraging the GOES-R Proving Ground Process and Forecaster Feedback to Improve GOES-R products and Training Material ~ Scott Lindstrom, UW Madison SSEC/CIMSS; A. Scott Bachmeier, Wayne F. Feltz, Justin M. Sieglaff and Mike Pavolonis

Noon Lunch break

Session 18.1: Decision Support Services

1:30 pm Probabilistic Forecasting of Severe Convection ~ John L. Cintineo, CIMSS/SSEC UW-Madison, Madison, Wisc.; Michael J. Pavolonis and Justin M. Sieglaff

1:45pm From What Did Happen to What Could Happen: Using Root Cause Analysis to Construct a Failure Modes Events Analysis of a Missed Tornado in the Future ~ Elizabeth M. Quetone, NOAA/NWS/Warning Decision Training Branch Norman, Okla.; Jami B. Boettcher

2 pm A Quantitative and Qualitative Examination of Tornado Related Statistics Across the United States ~ Alan Gerard, NOAA/NWS Jackson, Miss.

2:15 pm Communication Revolution: Using Twitter to Exchange Situational Awareness Information during Two Significant Weather Events ~ Randy Graham, National Weather Service, Salt Lake City, Utah; Monica Traphagan

2:30 pm Weather Readiness Across International Borders ~ Richard Okulski, NOAA/NWS Caribou, ME; Noelle Runyan

2:45 pm Afternoon break

Session F19: Warning Operations

3:15 pm A Prototype Emergency Response Meteorologist Taskbook ~ Jon W. Zeitler, NOAA/NWS Austin-San Antonio, Texas; Rick Davis

3:30 pm Evolving to Impact Decision Support Services - An Overview of Deployment Boot Camp for Emergency Response ~ Jennifer Zeltwanger, National Weather Service Central Region Headquarters - Kansas City, Mo.; Kelsey Angle

3:45 pm Warning Frequency Variations among National Weather Service Weather Forecast Offices ~ Kevin Barrett, Texas State University, Dept. of Geography, San Marcos, Texas; Richard Dixon

4 pm Polygonology: A Realistic Look at the National Weather Service Polygon Warning System ~ Kevin B. Laws, National Weather Service Forecast Office Birmingham, Ala.

4:15 pm The 2012 Experimental Warning Program Spring Experiment at NOAA's Hazardous Weather Testbed ~ Darrel Kingfield, OU/CIMMS & NOAA/ National Severe Storms Laboratory (NSSL), Norman, Okla.; Aaron Anderson, David Andra, Kristin Calhoun and Gabriel Garfield

4:30 pm Severe Weather Simulations: Immersion Training with Partners ~Mark A. Fox, National Weather Service Forecast Office Dallas/Fort Worth, Texas; Melissa S. Huffman

4:45 pm Implementation of Enhanced Short Term and Aviation Grids at the NWS Atlanta Weather Forecast Office ~ Trisha D. Palmer, NOAA/NWS Atlanta Forecast Office, Peachtree City, Ga.; Patricia A. Atwell, Steven E. Nelson, Jason T. Deese and Charles A. West

5 pm Adjourn

NWA 37th Annual Meeting Information

October 6–11, 2012 in Madison, Wisconsin



The meeting sessions will be held in the beautiful Frank Lloyd Wright designed Monona Terrace Convention Center in downtown Madison

More Info on Madison, the Meeting, the Program Planning & Social Media:

The meeting blog at <http://nwa2012.com/> will be maintained by the NWA Annual Meeting Program Committee, for information on the events, the agenda, the hotels and the local area as well as breaking news.

NWA will also provide updates on this Web page, on the NWA Facebook page, Twitter and other social media. Please use the hashtag #NWA12 for any tweets associated with the 2012 Annual Meeting. Attendees are most welcome to use their Twitter accounts to send out information, and retweet liberally.

All Annual Meeting information is located at:
www.nwas.org/meetings/nwa2012

Location & Schedule

Monona Terrace Convention Center
One John Nolen Drive, Madison, WI 53703

The 2012 NWA Annual Meeting will include the annual Broadcaster Workshop and DVD swap, and the Fifth Annual Student Session both on Sunday, Oct. 7.

The general sessions will be held Oct. 8–11. The NWA annual awards luncheon will be held on Wednesday, Oct. 10.

Exhibits from NWA Corporate Members and others will be available Sunday through Tuesday.

New NWA Members from July 2012

Regular/Military/Retired

Jimilah Abdul-Jabbar
Bret D. Alexander
George E. Bartuska
Geoffrey R. Beth
David S. Bonnette
Harry Carpenter
Tabitha Clarke
Alexander Gibbs
David W. Hannum
Alan S. Holt
Tabitha Huntemann
Thomas Iwinski
Olga Joseph

Justin Kiefer
Jared R. Klein
Elizabeth Leitman
Calee Lord
Desmond Milliner
Kristina Murphy
Terrance Rahman
Phillip E. Shafer
Dwight Upton
Nicholas B. Valenti
Jimmy Whisenant
Janelle E. Wise

Students

Bryan Crouch
Kayla A. Hudson
Devin K. Mastrodomenico
Bryce O'Neill
Sarah E. Plotycia
Gino F. Recchia
Angie Ulsh
Matthew T. Vaughan
Andrew Yarosh

NWA sponsored Annual Meetings, Conferences and Special Events

Oct. 6-11: 37th National Weather Association Annual Meeting

More information is available at <http://www.nwas.org/meetings/nwa2012>

Oct. 27: Southern New England Weather Conference

At Meditech in Canton, Mass. <http://www.sneweatherconf.org/index.shtml>

March 8-10, 2013: The 38th Annual Northeastern Storm Conference

Sponsored by the Lyndon State College AMS/NWA local chapter, this annual conference will be held at the Holiday Inn in Rutland, Vt. <https://sites.google.com/site/lyndonstateamsnwa/>

Other Meetings, Conferences and Special Events

Oct. 2-4: 16th Annual Great Divide Weather Workshop

The National Weather Service Forecast Offices in Billings and Glasgow are hosting this workshop VIRTUALLY! Registration info at <http://www.wrh.noaa.gov/wrh/greatdivide/welcome.php?wfo=byz>

Oct. 13: Fourth Tri-State (NY, NJ and CT) Weather Conference

Mid-town campus of Western Connecticut State University in Danbury, Conn.

<http://www.wcsu.edu/weatherconference>

Oct. 31-Nov. 1: The 14th Northeast Regional Operational Workshop (NROW)

At the University at Albany Campus, Albany, N.Y. <http://www.erh.noaa.gov/aly/NROW/nrow14.htm>

Jan. 6-10, 2013: 93rd American Meteorological Society Annual Meeting

In Austin, Texas. <http://annual.ametsoc.org/2013/?CFID=12137&CFTOKEN=14711286>

April 8-12: NOAA Satellite Conference for Direct Readout, GOES/POES, and GOES-R/JPSS Users

In Miami, Fla. <http://satelliteconferences.noaa.gov/Miami2013>

April 17-24: The South Padre Island Weather Conference

For Broadcast Meteorologists, it will focus on tropical system forecasting, disaster preparedness, safety, research, impacts and social media communications. At the Isla Grand Resort on Padre Island, Texas. The conference website coming late September.

March 2: The 2013 National Storm Conference

At Colleyville Center, Colleyville, Texas. <http://www.tessa.org>

Students! Applications now being accepted for the Fall 2012 NWA Scholarships

The application period for the three Fall NWA scholarships is open! In addition to the Arthur C. Pike and Phillips Family Scholarships, the NWA is pleased to offer for the first time the Dr. Bob Glahn NWA Scholarship in Statistical Meteorology. The new scholarship will be presented to an undergraduate student who is in their last two years of study and who has demonstrated a true interest in statistics and might be interested in a career in meteorology related to statistics.

Links to apply for the three scholarships are found at:

http://nwas.org/committees/ed_comm/application/index.php

Applications will be accepted through Oct. 25, 2012.



IMPORTANT DATES

Sept. 7
Annual Meeting Preregistration Period ends

Oct. 6-11
37th NWA Annual Meeting, Madison, Wisc.

Oct. 25
Application period for NWA Arthur C. Pike,
Phillips Family and Bob Glahn Scholarships
closes

Oct. 27
Southern New England Weather Conference,
Canton, Mass.

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per year plus extra shipping costs outside U.S. Single copies are
\$3. Address, phone number, email and affiliation changes can
now be made online: member.nwas.org.

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