

Agenda
Northeast Regional Operational Workshop XIV
Albany, New York
Tuesday, December 10, 2013

10:00 am

Welcoming Remarks

Raymond G. O'Keefe, Meteorologist In Charge
Warren R. Snyder, Science & Operations Officer
National Weather Service, Albany, New York

Session A – Warm Season Topics

10:10am - (Presenting in person)

A Historical-analog-based Severe Weather Checklist for central New York and Northeast Pennsylvania

Michael Evans
NOAA/NWS Forecast Office, Binghamton, New York

10:30am – (Presenting in person)

The Utility of Considering Dual-Polarization Radar Signatures in the Tornado Warning Process

Michael L. Jurewicz
NOAA/NWS Weather Forecast Office, Binghamton, New York

10:55am – (Presenting in person)

A Preliminary Examination of Low Topped Supercells That Produce Tornadoes in the Binghamton, New York County Warning Area

Erik Heden
NOAA/NWS Weather Forecast Office, Binghamton, New York

11:20 – (Presenting in person)

The Use of GOES 7.4 μ m Sounder Imagery for Severe Weather Detection: 2012 and 2013 Northeastern U.S. Examples

Christopher M. Gitro
NOAA/NWS Weather Forecast Office, Binghamton, New York

11:45am – (Virtual presentation)

Comparison of Radar-Derived Rainfall Estimates For Heavy Precipitation Events

Mitchell Gaines
NOAA/NWS Weather Forecast Office, Mount Holly, New Jersey

12:10pm - Lunch

1:30pm – (Presenting in person)

A Comparison of Polarimetric Radar and Legacy-Based Radar Techniques from the 21 May 2013 Severe Weather Event across Eastern New York and Western New England

Ian Lee

NOAA/NWS, Weather Forecast Office, Albany, New York

1:55pm - (Presenting in person)

Regional Variability and Frequency of Thundersnow Events over the Contiguous United States

Kyle J. Meier

Department of Atmospheric and Environmental Sciences

University at Albany, State University of New York

2:20pm - (Presenting in person)

A Storm-Scale Analysis of the 29 May 2013 Tornado Event across East-Central New York

Thomas A. Wasula

NOAA/NWS Weather Forecast Office, Albany, New York

2:45pm – (Presenting in person)

The Role of Boundary Layer Variability in Fire Weather and Aviation Forecasting Across Eastern New York and Western New England

Ian Lee

NOAA/NWS, Weather Forecast Office, Albany, New York

3:10pm - Break

Session B – Sandy and Irene

3:35pm – (Virtual presentation)

Extracting Quantifiable Information From Social Media in the Wake of Hurricane Sandy

Oleg Aulov

Center for Hybrid Multicore Productivity Research
Dept. of Computer Science and Electrical Engineering
University of Maryland, Baltimore, Maryland

4:00pm - (Presenting in person)

Meteorological Factors that Resulted in Extreme Rainfall During Tropical Storm Irene

Joseph P. Villani

NOAA/NWS Weather Forecast Office, Albany, New York

4:25pm - (Presenting in person)

The Hydrology of Tropical Storm Irene

Britt E. Westergard

NOAA/NWS Weather Forecast Office, Albany, New York

4:50pm (Virtual presentation)

Forecast Performance of an Operational Mesoscale Modeling System for Tropical Storm Irene and Post Tropical Storm Sandy in the New York City Metropolitan Region

Anthony P. Praino

IBM Thomas J. Watson Research Center
Yorktown Heights, New York

5:15pm

Adjourn

Agenda
Northeast Regional Operational Workshop XIV
Albany, New York
Wednesday, December 11, 2013

Session C – Cold Season & General Session

9:30am – (Virtual presentation)

Operational Changes in the Winter Weather Forecasts at the Weather Prediction Center (WPC)

Dan Petersen

NOAA/NWS National Centers for Environmental Prediction, Weather Prediction Center

9:55am – (Virtual presentation)

Climatology and Predictability of Cool-Season High Wind Events in the New York City Metropolitan and Surrounding Area

Michael Layer

School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, New York

10:20am – (Virtual presentation)

A Microphysical and Polarimetric Review of the Evolution of the Northeast Blizzard of 8-9 February 2013

David Stark

NOAA/NWS Weather Forecast Office, Upton, New York

10:45am - (Presenting in Person)

Examination of the Thermodynamic and Microphysical Evolution of the Northeast Blizzard of 8–9 February 2013

Sara A. Ganetis

School of Marine and Atmospheric Sciences

Stony Brook University, Stony Brook, New York

11:10am - (Virtual presentation)

Advanced Linux Prototype System (ALPS) – Ensemble Tools for the Future ?

Jeffrey S. Tongue

NOAA/NWS Weather Forecast Office, Upton, New York

11:35pm - (Virtual Presentation)

A Composite Study of Snow Squall Environments: Forecasting and Hazard Mitigation

Peter C. Banacos

NOAA/NWS, Weather Forecast Office, Burlington, Vermont

12:00 noon

Lunch

1:30pm – (Presenting in person)

The Foundering of the HMS Ontario

Robert Hamilton

NOAA/NWS Forecast Office, Buffalo, New York

1:55pm – (Presenting in person)

The November 1913 Great Lakes Superstorm

Robert Hamilton

NOAA/NWS Weather Forecast Office, Buffalo, New York

2:20pm – (Presenting in person)

Improving the Quantitative Precipitation Estimate for Dual Polarization

Hydrometeors Classified as Dry Snow

Aaron Reynolds

NOAA/NWS Weather Forecast Office, Buffalo, New York

2:45pm – (Presenting in person)

Validation of Planetary Boundary Layer Parameterizations over the Coastal Ocean of Southern New England Using the IMPOWR Field Campaign

Matthew J. Sienkiewicz

School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, New York

3:10pm (Presenting in person)

Enhancement of Integrated Decision Support Services in Southern New England

Rebecca Gould

NOAA, NWS Weather Forecast Office, Taunton, Massachusetts

3:35pm

Break

4:00pm (Presenting in person)

Impacts of Rossby Wave Packets on Forecast Uncertainties and Errors

Brian A. Colle

School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, NY

4:25pm (Presenting in person)

Towards the Usage of Post-processed Operational Ensemble Fire Weather Indices over the Northeast United States

Michael Erickson

School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, New York

Session D – UAlbany & CSTAR

4:50pm – (Presenting in person)

Characteristics of Northeast Winter Cyclones Associated With Significant Upper Level Easterly Wind Anomalies

Adrian N. Mitchell

Department of Atmospheric and Environmental Sciences

University at Albany, State University of New York, Albany, New York

5:15pm – (Presenting in person)

An Overview of the Ontario Winter Lake-effect Systems (OWLeS) campaign: winter 2013-14

Justin R Minder

Department of Atmospheric and Environmental Sciences

University at Albany, State University of New York, Albany, New York

5:40pm – (Presenting in person)

The Motion of Mesoscale Snowbands in Northeast U.S. Winter Storms

Jaymes S. Kenyon

Department of Atmospheric and Environmental Sciences

University at Albany, State University of New York, Albany, New York

6:05pm – (Presenting in Person)

An Analysis of the Intense Arctic Cyclone of August 2012

Adam H. Turchioe

Department of Atmospheric and Environmental Sciences

University at Albany, State University of New York, Albany, New York

6:30pm

Wrap Up - Warren R. Snyder

Adjourn

NROW XV will be held November 12-13, 2014 in the CSTEM Auditorium