

Agenda
Northeast Regional Operational Workshop XV
Albany, New York
Wednesday, November 12, 2014

9:30 am

Welcoming Remarks

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

Session A – Cold Season Topics

9:40 am

The Effects of Downsloping on Storm Precipitation Distributions in the Capital District of New York State

Kyle Pallozzi

Department of Atmospheric and Environmental Sciences
University at Albany, State University of New York, Albany, New York

10:05 am

Modification of Long-Axis Lake-Effect Snow Bands Associated with Landfall and Orographic Uplift: Results from a profiling radar network deployed during OWLeS

Ted Letcher

Department of Atmospheric and Environmental Sciences
University at Albany, State University of New York, Albany, New York

10:30 am

Using the Froude Number to Improve Orographic Snow Forecasts in the Green Mountains of Vermont

Michael Muccilli

NOAA /NWS Weather Forecast Office, Burlington, Vermont

10:55 am

Verification of Storm Prediction Center Winter Weather Mesoscale Discussions

Christopher McCray

Lyndon State College, Lyndonville, Vermont

11:20 am

The Icy Nightmare Before Christmas

Robert Kuhn

Ontario Storm Prediction Centre, Environment Canada, Toronto, Ontario, Canada

11:45 pm - Lunch

Session B – Modeling

1:45 pm

An Alternative Gridded Verification Scheme: Zone-Based Snowfall Verification

Joseph P. Villani

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

2:10 pm

CSTAR Update: New Tools for More Efficient Use of Ensembles in Operations

Brian A. Colle

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

2:35 pm

Enabling Advanced Weather Modelling and Data Assimilation for Utility Distribution Operations

Anthony P. Praino

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

3:00 pm

Observed and Simulated Multi-bands in Northeast U.S. Winter Storms

Sara A. Ganetis

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

3:25 pm

Evaluation of WRF PBL Schemes in the Marine Atmospheric Boundary Layer over Coastal Southern New England Waters

Matthew J. Sienkiewicz

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

3:50 pm - Break

4:15 pm

Using an Ensemble Kalman Filter to Explore Model Performance on Northeast U.S Fire Weather Days (via GoTo Meeting)

Michael Erickson

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

4:40 pm

**A Multiple Linear Regression Approach for Storm Surge Predictions
in the NY/NJ Bight**

Keith J. Roberts

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

Session C – Blender Projects

5:05 pm

The New England Blender Project

Paul A. Sisson

NOAA/NWS, Weather Forecast Office, Burlington, Vermont

5:30pm

An Overview of the National Blend of Global Models Project

Jeff S. Waldstreicher

NOAA/NWS Eastern Region Headquarters, Bohemia, New York

5:55 pm – Closing Comments, Logistics

Warren R. Snyder

NOAA/NWS Weather Forecast Office, Albany , New York

6:00pm - Adjourn

Agenda
Northeast Regional Operational Workshop XV
Albany, New York
Thursday, November 13, 2014

Session D – Warm Season Topics/ Convection

8:30 am

An Examination of the 22 May 2014 Duanesburg, New York, Unexpected Tornadoic Supercell

Brian Tang

Department of Atmospheric and Environmental Sciences

UAlbany, State University of New York, Albany, New York

8:55 am

A Radar-Scale Analysis of Three Tornadoic Thunderstorms in the Albany County Warning Area during 2014

Brian J. Frugis

NOAA/NWS Weather Forecast Office, Albany, New York

9:20 am

An Assessment of Local Forecaster's Ability to Anticipate Convective Event Severity and Magnitude using the Hazardous Weather Outlook product at WFO Binghamton, New York

Michael Evans

NOAA/NWS Weather Forecast Office, Binghamton, New York

9:45 am

Radar Characteristics of the 13 August 2014 Portland, Maine Flash Flood Event

John Cannon

NOAA/NWS Weather Forecast Office Gray, Maine

10:10 am – Break

10:35 am

A Review of the Historic Long Island Flooding on 13 August 2014

David Stark

NOAA/NWS Weather Forecast Office, Upton, New York

11:00 am

Using SPC Slight Risk Convective Outlooks to Identify Cases with Low Predictive Skill over the Northeast

Matthew Vaughan

Department of Atmospheric and Environmental Sciences

UAlbany, State University of New York, Albany, New York

11:25 am

A Case Study of the Revere, MA Tornado of July 28, 2014

Matthew L. Doody

NOAA/NWS Weather Forecast Office, Taunton, Massachusetts

11:50 pm

What the Hail is Going On? A Comparison of 3 Recent Anomalously Large Hail Events that Impacted the Albany Forecast Area

Thomas A. Wasula

NOAA/NWS Weather Forecast Office, Albany, New York

12:15 pm - Lunch

Session E – General Session

2:15 pm

Proposed Changes in the Winter Weather Forecasts at the Weather Prediction Center (WPC), and New Experimental Forecasts

Dan Petersen

NOAA/NWS National Centers for Environmental Prediction

Weather Prediction Center, College Park, Maryland

2:40 pm

Forecasting Surface Wind Gusts in Positively Stable Environments

Brian LaSorsa

NOAA/NWS/National Weather Service, Weather Forecast Office, Sterling, Virginia

3:05 pm

The New York State Mesonet

J. Brotzge

Atmospheric Sciences Research Center, Albany, New York

3:30 pm

Using Ensemble Models to Develop a Long-Range Forecast and Decision Making Tool

Brandon Hertell

The Consolidated Edison Company of New York, Inc. , New York, New York

3:55 pm - Break

4:15 pm

Improving Decision Support Services for the Tri-State Area

Nelson Vaz

NOAA/NWS Weather Forecast Office, Upton, New York

4:40 pm

Using NOAA-Atlas 14 Return Periods to Aid in Flood Forecasting

Charles Ross

NOAA/NWS Weather Forecast office, State College, Pennsylvania

5:05 pm

Patterns of Historic River Flood Events in the Mid-Atlantic Region

Richard H. Grumm

NOAA/NWS Weather Forecast Office, State College, Pennsylvania

5:30 pm

An Overview of the Northeast River Forecast Center's Use of Daily Rainfall Observations from the Community Collaborative Rain, Hail & Snow Network (CoCoRaHS)

Ronald Horwood

NOAA/NWS Northeast River Forecast Center, Taunton, Massachusetts

5:55 pm - Wrap Up

Warren R. Snyder

6:10 pm

Adjourn

7:00 pm

CSTAR Dinner at Buca di Beppo Italian Restaurant

44 Wolf Road, Colonie, New York

NROW XVI is scheduled November 4-5, 2015

At the Nano South Conference Center, Room 103, 255 Fuller Road

On the Campus of the College of Nanoscale Science and Engineering

State University of New York, Albany, New York