

15th Annual Southeast Severe Storms Symposium

Hosted By:

The East Mississippi Chapter of the NWA / AMS

Mississippi State University Harned Hall, Room 102

About the East Mississippi Chapter of the NWA / AMS

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Conference Agenda

Saturday, April 1, 2017

8:00 – 9:00 am **Registration**

9:00 am **Opening Remarks**

9:05 am **Conference Weather Briefing**

Presenter: Melissa Scavelli

Session 1: Impactful Weather and its Paramters

Session Chair: Alex Herbst

9:10 am Hurricanes Hermine and Matthew: Technology

Proves Itself

Mark Sudduth, HurricaneTrack.com

9:50 am **Severe Weather Parameters and Their**

Effectiveness on Forecasting Tropical Cyclone

Induced Tornadoes

Jonathan Weaver, Mississippi State University

10:10 – 10:20 am **BREAK**

10:20 am **KEYNOTE PRESENTATION:**

Impactful Weather in a Small Market: The Past,

The Present, and The Future

Ryan Vaughan, KAIT 8, Jonesboro, AR

11:20 am – 12:50 pm **LUNCH**

Session 2: Remote Sensing and History

Session Chair: Caroline MacDonald

12:50 pm **SPONSOR PRESENTATION:**

Baron Weather: Severe Weather Communication through Dynamic Display of Unique Data Sets

and More Timely Processing

Steve Bray, Baron Weather

1:20 pm The Great Storm of the War of 1812

Brant Beckman, Mississippi State University

1:40 – 1:50 pm **BREAK**

1:50 pm **Examination of the Microclimate of Davis Wade**

Stadium and Thermal Comfort of Stadium Occupants During the 2016 Football Season

Andrew Collins, Mississippi State University

2:10 pm **GOES-16 and the Advanced Baseline Imager**

Thomas L. Salem Jr., National Weather Service,

Memphis, TN

2:30 pm Applications of Total Lightning Data for Severe

Weather Operations at NWS Huntsville in the

pre-GLM Era

Kristopher White, National Weather Service,

Huntsville, AL

2:50 – 3:00 pm **BREAK**

3:00 pm **20 Years Past Twister**

Bruce Thomas, NWA Past-President

Chief Meteorologist and National Spokesman,

Midland Radio

3:20 pm **Preliminary VORTEX-SE Sounding Observations**

in Complex Terrain

Ryan A. Wade, University of Alabama in Huntsville

3:40 – 3:50 pm **BREAK**

3:50 pm **KEYNOTE PRESENTATION:**

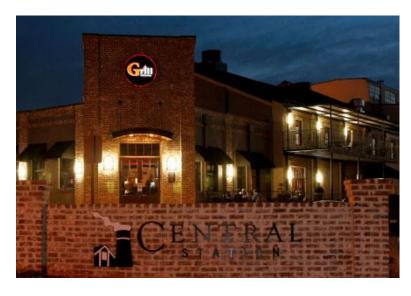
A History of Storm Surge Hazards in the U.S.

Taylor Trogdon, NOAA / Cyberdata Technologies

4:50 pm Closing Remarks

4:55 pm End of Opening Day

6:00 – 10:00 pm MIXER – Central Station Grill





Conference Agenda

Sunday, April 2, 2017

8:00 – 9:00 am **Registration**

9:00 am **Opening Remarks**

9:05 am **Conference Weather Briefing**

Presenter: James Bryant

Session 1: The Two E's - Education and El Niño

Session Chair: Matt Breland

9:10 am Weather Meets Education

Jacob Dickey, Mississippi State University

9:30 am Influence of Off-Equatorial SST Anomalies

During ENSO Events

Austin Schneiderman, Mississippi State University

9:50 am Comparison of Winter Gulf Coast Cyclones

During El Niños

Corey Ingles, University of South Alabama

10:10 – 10:20 am **BREAK**

10:20 am **KEYNOTE PRESENTATION:**

A Day at the Storm Prediction Center

Dr. Patrick Marsh, NOAA / NWS Storm Prediction

Center

11:20 am - 12:50 pm **LUNCH**

Session 2: Tools and Observations

Session Chair: Mandy Raborn

12:50 pm	Comparing Temperature Data from USA Mesonet Stations, Cooperative Observer (COOP) Stations, and Automatic Surface Observing System Stations across the Northern Gulf Coast
	Nicholas Grondin, University of South Alabama
1:10 pm	Assessing the Accuracy of Tornado Watches across the Contiguous United States from 2007-2015
	Barrett Gutter, Mississippi State University
1:30 pm	Observational Overview of the 29-30 November 2016 Tornado Outbreak in the Tennessee Valley
	Anthony W. Lyza, Ryan A. Wade, and Kevin R. Knupp, Severe Weather Institute- Radar & Lightning Laboratories, University of Alabama in Huntsville
1:50 – 2:00 pm	BREAK
2:00 pm	KEYNOTE PRESENTATION:
	Keeping It Real: The Tools You Need to Navigate and Succeed in the Ever-Evolving Meteorological World
	Jennifer Watson and Ari Salasari, The Weather Channel
3:00 pm	Closing Remarks
3:05 pm	End of 15th Annual Southeast Severe Storms Symposium

Thank you to all who helped make the Symposium possible!

Sponsors







