

AGENDA
2008 Southeast Severe Storms Symposium

Friday, 4th

8:30 – 5:00pm Broadcasters Workshop

7:00 – 10:00pm Social Mixer, Highland Plantations Clubhouse

Saturday 5th

7:00am - ? On-site registration Bost Extension Center, Mississippi State University

Coffee and Pastries

7:50 – 8:00 WELCOME

Session One

SUPER TUESDAY OUTBREAK

Session Chair: Michael E. Brown, Mississippi State University

8:00 – 8:20 ANALYSIS OF DATA FROM THE 2008 SUPER TUESDAY SEVERE WEATHER
OUTBREAK: AN ARKANSAS PERSPECTIVE

Christopher C. Buonanno and Brian D. Smith – NWS Little Rock, AR

8:20 – 8:40 CASE STUDY OF THE 05 FEBRUARY 2008 SUPER TUESDAY MID-SOUTH
TORNADO OUTBREAK

Jonathan L. Howell and Todd A. Beal – NWS Memphis, TN

8:40 – 9:00 THE SUPER TUESDAY TORNADO OUTBREAK: RE-INTENSIFICATION AND
ALABAMA TORNADOES

Timothy A. Coleman – The University of Alabama in Huntsville

9:00 – 9:20 A REVIEW OF THE NORTH ALABAMA VIOLENT TORNADOE OUTBREAK ON
FEBRUARY 2008

Brian Carcione, D. Jadler, A. Kula, and J. Elliott – NWS Huntsville, AL

9:20 – 9:40 SOME UNUSUAL DAMAGE OBSERVATION IN THE TORNADOES OF SUPER
TUESDAY, 2008

Brian E. Peters, ABC 33/40 Birmingham, AL

9:40 – 9:55 BREAK

Session Two

SPECIAL SESSION CONVECTIVE WINDS

Session Chair: Jonathan Howell, NWS Memphis

9:55 – 10:25 FORECASTING CONVECTIVE DOWNBURST POTENTIAL USING GOES
SOUNDER DERIVED PRODUCTS

*Kenneth L. Pryor – Center for Satellite Applications and Research (NOAA/NESDIS),
Camp Springs, MD*

10:25 – 10:55 DETERMINING FAVORABLE DAYS FOR SUMMERTIME SEVERE
CONVECTION IN THE SOUTH

Chad Entremont and Alan Gerard (Past President, NWA) – NWS Jackson, MS

10:55 – 11:25 WARM-SEASON CONVECTIVE WINDS NEAR THE FLORIDA SPACE COAST
James P. Koermer – Plymouth State University

11:25 – 11:55 DOWNBURST PREDICTION AT SPACEPORT FLORIDA
William P. Roeder – 45th Weather Squadron, Patrick AFB, FL

Lunch
11:55 – 12:45 Lunch provided by



Session Three **MIXED BAG**
Session Chair: P. Grady Dixon, Mississippi State University

12:45 – 1:05 RELATIONSHIPS BETWEEN POPULATION AND TORNADOES
Adam Thomas and Michael E. Brown – Mississippi State University

1:05 - 1:25 DOES SURFACE ROUGHNESS CONTRIBUTE TO HIGH FALSE ALARM RATES TORNADO WARNINGS?
Gary Votaw - NWS Jackson, KY

1:25 – 1:45 THE IMPACT OF THE JET STREAM ON RECENT SIGNIFICANT TORNADO OCCURRENCES ACROSS THE SOUTHEAST U.S.
Michael Scotten – NWS Memphis, TN

1:45 – 2:05 ANOMALOUS HIGH WIND EVENT IN THE MID SOUTH
Corey J. Chaskelson and Thomas L. Salem Jr. - NWS Memphis, TN

2:05 – 2:25 ROLE OF THE MELTING EFFECT IN THE 19 JANUARY 2008 SOUTHERN MISSISSIPPI SNOW STORM
Eric E. Carpenter and Gregory R. Garret – NWS Jackson, MS

2:25 – 2:45 SYNOPTIC CLASSIFICATIONS OF SNOWFALL EVENTS IN THE GREAT SMOKY MOUNTAINS, USA
L. Baker Perry – Appalachian State University, Charles E. Konrad – UNC Chapel Hill, David Hotz – NWS Morristown, TN, and Laurence G. Lee – NWS Greer, SC

2:45 – 3:05 THE MID SOUTH 2007 HEAT WAVE
Richard Okulski – NWS Memphis, TN

3:05 – 3:25 A FIRST HAND ACCOUNT OF THE DEVASTATING IMPACTS ALONG PORTIONS OF THE MISSISSIPPI GULF COAST IN THE DAYS IMMEDIATELY FOLLOWING HURRICANE KATRINA'S LANDFALL
Dana Griffin – NWS Huntsville, AL

Break
3:25 – 3:40

Session Four

TECHNOLOGY

Session Chair: Thomas Salem, NWS Memphis

3:40 – 4:00

3D VERSUS 2D RADAR DISPLAY SOFTWARE

Kevin Terry – University of Memphis and NWS Memphis, TN and Thomas L. Salem Jr. – NWS Memphis, TN

4:00 – 4:20

THE MISSISSIPPI MESONET: A NEW DIRECTION

Jan Dutton – Weatherbug, and Loren White – Jackson State University, and Ed Collins – Jackson State University, and Gary Golloway EMD Newton County, Mississippi

4:20 – 4:40

WRF ENSEMBLES

Gregory R. Garrett – NWS Jackson, MS

Session Five

COOL SEASON TORNADO EVENTS

Session Chair: Jared Allen, Mississippi State University

4:40 – 5:00

TORNADO CLIMATOLOGIES IN THE LOWER MISSISSIPPI VALLEY DURING THE “HEART OF WINTER”

Brad Bryant – NWS Jackson, MS

5:00 – 5:20

COOL SEASON TORNADOES IN THE SOUTHEAST U.S.

Steven Nelson and Stephen Kanarik – NWS Peachtree City, GA

5:20 – 5:40

A COMPARISON OF TWO COLD SEASON TORNADO EVENTS

Jonathan L. Howell and Jim E. Belles – NWS Memphis, TN

5:40 – 6:00

EARLY JANUARY TORNADO OUTBREAK IN THE DEEP SOUTH

Dan Byrd and Ashley Wester, - NWS Jackson, MS