

AGENDA

2007 Southeast Severe Storms Symposium

Friday, 23rd

9:00 – 4:45pm Broadcasters Workshop

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

Saturday 24th

7:30am - ? On-site registration Wise Center, Mississippi State University

Coffee and Pastries

8:20 – 8:30 WELCOME

Session One **SEVERE WEATHER RESEARCH & IMPROVING SEVERE WEATHER TECHNIQUES & TECHNOLOGIES**

Session Chair: Jonathan Howell, NWS Memphis

8:30 – 8:55 NEXT GENERATION TOOL FOR TELEVISION WEATHER

Brian Peters - ABC 33/40 TV Birmingham

8:55 – 9:20 SEVERE WEATHER CLIMATOLOGY STUDY: WFO MEMPHIS, TENNESSEE
Jonathan L. Howell, Scott J. McNeil, Kati R. McNeil, Todd A. Beal, Chris C. Duke - NWS Memphis, TN

9:20 – 9:45 RECENT TRENDS IN TORNADO STATISTICS AND ASSOCIATED WARNINGS: PERCEPTIONS AND MISPERCEPTIONS
Alan Gerard - NWS Jackson, MS (National Weather Association, President)

9:45 – 10:10 THE 11-13 MARCH 2006 MID-SOUTH TORNADO OUTBREAK: WHY IT NEVER OCCURRED
Daniel N. Valle, Michael B. Scotten - NWS Memphis, TN

10:10 – 10:30 BREAK

10:30 – 10:55 AN EXAMINATION OF THERMODYNAMIC AND SHEAR ENVIRONMENTS ASSOCIATED WITH COOL-SEASON TORNADOES IN THE SOUTHEASTERN UNITED STATES
Todd Beal, Michael Brown - Mississippi State University

10:55 – 11:20 THE RELATIONSHIP BETWEEN COOL SEASON TORNADOES AND CLOUD-TO-GROUND LIGHTNING IN THE SOUTHEAST UNITED STATES
Douglas A. Butts, Jr. – NWS Shreveport, LA.

11:20 – 11:45 GRAVITY WAVES AS SEVERE LOCAL STORMS: OBSERVATIONS AND MODELING OF HIGH WINDS
Timothy A. Coleman, The University of Alabama, Huntsville

Lunch

11:45 – 1:00

Lunch provided by



Session Two

SEVERE WEATHER OUTBREAKS

Session Chair: Dr. Grady Dixon, Mississippi State University

1:00 – 1:25

ANALYSIS OF CROSS- SPECTRUM SUPERCELLS DURING THE NORTH
GEORGIA TORNADO EVENT OF 2 JANUARY 2006

*Trisha Palmer, Lans Rothfusz, Steven Nelson - NWS Peachtree City, GA
Brandon Miller - Georgia Institute of Technology, Atlanta, GA*

1:25 - 1:50

JANUARY 4TH-5TH 2007: DISSECTION OF A QUICKLY EVOLVING
SEVERE WEATHER SCENARIO IN THE LOWER MISSISSIPPI
VALLEY REGION

Brad Bryant, Chad Entremont, Eric Carpenter - NWS Jackson, MS

1:50 – 2:15

DOCUMENTATION OF A RARE LOW-PRECIPITATION SUPERCELL
IN THE TENNESSEE VALLEY

Adam Duncan, Andy Kula - NWS Huntsville, AL

2:15 – 2:40

STORM BASED WARNINGS

Richard J. Okulski, Jim E. Belles - NWS Memphis, TN

Break

2:40 – 3:00

Session Three

TORNADO OUTBREAKS

Session Chair: Dr. Mike Brown, Mississippi State University

3:00 – 3:25

NOVEMBER 15TH 2006 SOUTHEAST MISSISSIPPI TORNADOES:
A CASE STUDY

Dan Byrd, Ashley Wester - NWS Jackson, MS

3:25 – 3:50

A RARE EARLY FALL CASE OF NON-TROPICAL TORNADIC SUPERCELLS
IN NORTH ALABAMA

Brian Carcione, David Nadler, Andy Kula - NWS Huntsville, AL

3:50 – 4:15

A CASE STUDY OF THE 2 APRIL 2006 KILLER MID-SOUTH TORNADO
OUTBREAK

Jonathan L. Howell - NWS Memphis, TN Jason F. Beaman - NWS Raleigh, NC

4:15 – 4:40

MARCH 1, 2007 TORNADO OUTBREAK

Trisha Palmer, Steven Nelson – NWS Peachtree City