

# StormFest 2010

Sponsored by the NC Museum of Natural Sciences

**Saturday April 10, 2010 from 9am – 4pm**

The National Weather Service (NWS) in cooperation with the NC Museum of Natural Sciences will hold a Severe Storms Day allowing everyone interested the opportunity to experience and learn more about severe storms in North Carolina. NWS staff members, local chief meteorologists from WRAL, ABC11, NBC17 and News14, researchers, and storm chasers will all be on hand. Emergency officials and the American Red Cross will be available all day providing demonstrations and education material for adults and children.

In addition the NWS will present three SKYWARN Severe Weather Spotter training programs to help participants understand the warning process, severe thunderstorms and how to become a storm spotter.

## **National Weather Service SKYWARN Training**

**BASIC SKYWARN 9:30 am – 10:45 am & 2:30 pm - 4:00 pm**

**ADVANCED SKYWARN 2:30 pm – 4:00 pm**

The following topics will be covered...

- how and why buildings fail in high winds
- thunderstorm development and severity
- recognition of storm/cloud elements
- anticipating storm motion, intensity and severity based on cloud structure
- lightning dynamics and threats

**There is no cost to attend!**

**Location:**

**NC Museum of Natural Sciences**

11 West Jones Street  
Raleigh, NC



For more information contact:

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**StormFest 2010**  
**North Carolina Museum of Natural Science**  
**April 10, 2010, 9am – 5pm**

**Presentations:**

Auditorium:

9:30 – 10:45 am BASIC SKYWARN Weather Spotter Class (NWS)  
11 – 11:45 am VORTEX / Storm Chasing (Dr. Parker NCSU)  
noon – 12:30pm Tornado Damage Surveys / How the NWS Classifies Tornadoes

1pm - 1:45pm You Ask The Experts – Meteorologists from WRAL, ABC 11, NBC 17, News 14  
2:30pm - 4pm BASIC SKYWARN Weather Spotter Class

Level A Classroom:

2:30pm – 4pm Advanced SKYWARN Weather Spotter Class

Windows On The World: (Red Cross presentations)

10:15 – 10:45 am Three steps everyone needs to prepare for disaster  
11:15 – noon How to make a complete preparedness kit

1:15 – 1:45 pm How to make a complete preparedness kit  
2:15 – 2:45 pm Three steps everyone needs to prepare for disaster

Other Presentations:

WRAL - "Twist of Fate" documentary  
WRAL – "Remembering Hurricane Floyd"  
ABC 11 - Storm Footage of Recent Tornadoes  
ABC 11 – You be the weatherperson  
News 14 - What to do when severe weather strikes  
NBC 17 - Severe Storms

**Presentation Descriptions:**

VORTEX / Storm Chasing - On Friday June 5, 2009, the NCSU VORTEX2 team intercepted a tornadic supercell near La Grange, Wyoming. The teams launched weather balloons around the storm. The Doppler on Wheels also intercepted the storm. Come hear about the research side of tornado chasing and the team's experiences.

You Ask The Experts – Chief Meteorologists Greg Fishel (WRAL), Chris Hohmann (ABC 11), Wes Hohenstein (NBC 17) and Gary Stephenson (News 14) will be on stage discussing how and why they become meteorologist, their storm experiences and answering your questions.

Three steps to prepare for disaster & How to make a complete preparedness kit – The American Red Cross will provide vital information on how to prepare for disasters at home and work.

**Hand on displays provided by:**

National Weather Service	Emergency Response Vehicles
WRAL	American Meteorological Society
NEWS 14	North Carolina State Climate Office
ABC 11	StormStudy
NBC 17	Wake Community Emergency Response Team
SKYWARN Amateur Radio	North Carolina State University VORTEX Group
American Red Cross	NC Baptist Men
Wake / Raleigh Emergency Services	Salvation Army
NC Museum of Natural Sciences	