

2010 UNCA Severe Weather Workshop

PROGRAM



April 17, 2010

Department of Atmospheric Sciences (ATMS)
The University of North Carolina at Asheville (UNCA)

Webpage: <http://facstaff.unca.edu/ahuang/workshop>
Departmental Homepage: www.atms.unca.edu

Prepared by Alex Huang

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2010 UNCA Severe Weather Workshop Agenda

7:45 am- 5:30 pm, Saturday, April 17, 2010

Robinson Hall 125, UNCA, Asheville, NC 28804

7:45 – 8:10	REGISTRATION, BREAKFAST BREAK	Linda Strother, ATMS/UNCA
8:10 – 8:20	Opening Remarks	Alex Huang and Doug Miller, ATMS/UNCA
Session I. Moderator: Doug Miller		
8:20 – 9:00	Introduction to Severe Weather	Leonard Vaughan, NWS/CAE
9:00 – 9:40	Severe Weather Forecasting: A Western North Carolina Case Study	Laurence Lee, NWS/GSP
9:40 – 10:20	Storm Data at NCDC and Other Products and Services	Stuart Hinson, NCDC/NOAA
10:20 – 10:30 MINI BREAK		
Session II. Moderator: Laurence Lee		
10:30 – 11:10	Radar Observation of Severe Weather	Jeffrey Taylor, NWS/GSP
11:10 – 11:50	Operational Hazard Detection and Monitoring in the Satellite Analysis Branch	Jamie Kibler, NESDIS/NOAA
11:50 – 12:30	Future Radar and Satellite Technology	Dan Miller, NWS/CAE
12:30 – 1:00 LUNCH		
Session III. Moderator: Chris Hennon		
1:00 – 1:40	Menacing Beauty: The Seductive Power of Hurricanes	Christopher Hennon, ATMS/UNCA
1:40 – 2:20	Some Examples of Severe Weather Events in the Southern Appalachians	Prepared by Grant Goodge, NCDC/NOAA; Presented by Doug Miller, ATMS/UNCA
2:20 – 3:00	Flooding in Western North Carolina: Some Spatial and Seasonal Characteristics	Greg Dobson, NEMAC/UNCA
3:00 – 3:10 MINI BREAK		
Session IV. Moderator: Chris Godfrey		
3:10 – 3:50	Basic Skywarn Spotting – High Impact Weather (Thunderstorms) and Their Attributes	Tony Sturey, NWS/GSP
3:50 – 4:30	“We Had No Warning”: An overview of available forecast products before and during severe weather events	Christopher Godfrey, ATMS/UNCA
4:30 – 5:10	Tips to Self-Forecasting Severe Weather & Severe Weather Communication	Philippe Papin and Gerald Satterwhite, ATMS Students
5:10 – 5:30	Evaluations, Closing remarks, door prizes drawing	Alex Huang, ATMS/UNCA

NOTE: Each presentation is 40 minutes in length that includes 30 minutes of speaker's presentation and 10 minutes for Q & A.

Workshop Announcement

2010 UNCA Severe Weather Workshop

Presented by
The Department of Atmospheric Sciences, UNC Asheville

In cooperation with the
National Weather Service Office at Greenville/Spartanburg, SC

Supported by
The Dean of Natural Sciences Office, UNC Asheville

When: 8:00 am – 5:30 pm, Saturday, April 17, 2010

Where: Robinson Hall 125, UNCA, Asheville, NC 28804

Presenters: Academic, operational, and professional meteorologists from
UNCA, NWS/GSP, and NCDC

This unique workshop will offer scientific presentations to promote the awareness, understanding, and preparedness for severe weather, which includes hurricanes, thunderstorms, tornadoes and flooding. This workshop is specifically designed for the weather enthusiast, teachers, students, and general public. No prior knowledge of meteorology is required.

Professional meteorologists and experts on severe weather will provide valuable information about theoretical, operational, and observational aspects of severe weather at the workshop. There will also be ample time in the program for participants to ask questions, interact with presenters, and network with local meteorologists.

Registration fee for the workshop is \$15 and covers refreshments and drinks during breaks, a boxed lunch, and basic materials of the workshop. Door prizes will be awarded. Students with a valid student ID can attend the workshop for free, but door prizes will only be drawn for paid registrants. Teachers who wish to receive a continuing education credit for the workshop should complete an application form with a \$15 application fee by the end of the workshop.

Deadline for registration is **Tuesday, March 30, 2010.**

TO REGISTER for the workshop: Please complete the enclosed form and mail it with a check for \$15 toward registration payable to **ATMS, UNCA** to: **Ms. Linda Strother, RBH 215, ATMS, UNCA, One University Heights, Asheville, NC 28804.** Please make sure to include your e-mail address. A confirmation for registration and updates of the workshop will be sent to you by e-mail.

For further information, please visit: <http://facstaff.unca.edu/ahuang/workshop> or contact Ms. Linda Strother by phone at 828-251-6149 or by e-mail at lstrothe@unca.edu. Also please feel free to contact the Workshop Coordinator, Dr. Alex Huang at ahuang@unca.edu.

REGISTRATION FORM

2010 UNCA Severe Weather Workshop

7:45 am – 5:30 pm, Saturday, April 17, 2010

Robinson Hall 125, UNC Asheville

Presented by the Department of Atmospheric Sciences of UNCA

WORKSHOP REGISTRATION FORM

Deadline for registration is Tuesday, March 30, 2010.

Please Type or Print

Name _____

School/Organization _____

Address _____

City/State/Zip _____

Phone _____ **E-mail** _____

(Please check your e-mail regularly for updates on the workshop)

Signature: _____ Date: _____

Special dietary needs (for lunch): _____

Please check one: ☐ Student ☐ Teacher ☐ General Public

Why do you want to attend this workshop? (Optional) _____

The \$15 registration fee covers workshop materials, refreshments and drinks during breaks, and a boxed lunch. Teachers who wish to receive a continuing education credit for the workshop should complete an application form with a \$15 application fee by the end of the workshop.

Please complete this form and mail it with a check for \$15 payable to ATMS, UNCA to: Ms. Linda Strother, RBH 215, ATMS, UNCA, One University Heights, Asheville, NC 28804. Please make sure to include your e-mail address. A confirmation for registration and the updates of the workshop will be sent to you by e-mail.

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2010 UNCA Severe Weather Workshop Evaluation Form

Thank you for participating in the 2010 UNCA Severe Weather Workshop on April 17, 2010. We would greatly appreciate your feedback and comments. Please answer the following questions, and return it to the registration desk or give it to any ATMS faculty member at the conclusion of the Workshop.

You are a _____ Student _____ Teacher _____ General Public _____ (others)

I have attended (please check all that apply) _____ Session I _____ Session II
 _____ Session III _____ Session IV _____ Lunch

Your name (optional): _____ E-mail address (optional): _____

Questions	Strongly Disagree	Mostly Disagree	Agree	Mostly Agree	Strongly Agree
	1	2	3	4	5
You are satisfied with the Workshop					
You had opportunities to interact with others					
The time/duration of the Workshop was appropriate					
The length of each presentation was appropriate					
Presentations were informative and interesting					
Presenters were professional and knowledgeable					
Q & A discussion was helpful					
The fee for registration was reasonable					
The planning for the Workshop was satisfactory					
The execution of the Workshop was satisfactory					
The facilities for the Workshop were satisfactory					
Service during breaks was satisfactory					
Lunch was satisfactory					
I am glad I attended the Workshop					

What did you like most about the Workshop?

What did you like least about the Workshop?

Please provide any comments you have for the Workshop, ATMS department, and the university.

Thank you for your time.

LIST of PARTICIPANTS

Last Name	First Name	City/ST	Affiliation	E-mail Address
Allen	Dave	Monroe, NC	NC Highway Patrol	dallen@ncshp.org
Conner	M.	Union Mills, NC	Public	jeannie@mountainpropertyonline.com
Conner	Jesse	Union Mills, NC	HS Student	logger61@yahoo.com
Davison	Wilma C. (Billie)	Asheville, NC	TC Roberson	billie.davison@bcsemail.org
Dullanty	Molly	Brevard, NC	Muddy Sneakers School	baileycreeksc@yahoo.com
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Gillespie	Matthew	Simpsonville, SC	Greenville Tech College	weatherman2013@aol.com
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Cook	Thomas	Lincolnton, NC	ATMS Student	tacook@unca.edu
Groetsema	Wesley	Barnardsville, NC	ATMS Student	wcgroets@unca.edu
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Hargrove	Zachary	Asheville, NC	ATMS Student	zbhargro@unca.edu
Martin	Daniel	Asheville, NC	ATMS Student	dtmartin@unca.edu
Michael	Jeremy	Berkley Springs, WV	ATMS Student	jrmichae@unca.edu
O'Hare	Liz	Johnson City, TN	ATMS Student	eaohare@unca.edu
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Wedig	Dawn	Arden, NC	ATMS Student	dwedig@unca.edu
Woodward	Aaron	Asheville, NC	ATMS Student	amwoodwa@unca.edu
Zarzar	Chris	Asheville, NC	ATMS Student	cmzarzar@unca.edu
Strother	Linda	Asheville, NC	UNCA	lstrothe@unca.edu
Huang	Alex	ROC	UNCA	ahuang@unca.edu

LIST of SPEAKERS

Name	Affiliation	E-mail Address
SESSION I		
Leonard Vaughan	NOAA/National Weather Service, Columbia, SC	leonard.vaughan@noaa.gov
Laurence G. Lee	Science and Operations Officer, NOAA/National Weather Service, Greer, SC	Laurence.Lee@noaa.gov
Stuart Hinson	Meteorologist, NCDC/NOAA	Stuart.Hinson@noaa.gov
SESSION II		
Jeffrey P. Taylor	NOAA/National Weather Service, Greer, SC	jeff.taylor@noaa.gov
Jamie Kibler	Senior Meteorologist, NOAA/NESDIS/OSDPD/SSD/SAB	Jamie.Kibler@noaa.gov
Daniel C. Miller	NOAA/National Weather Service, Columbia, SC	Daniel.Miller@noaa.gov
SESSION III		
Christopher C. Hennon	Atmospheric Sciences, UNC Asheville	chennon@unca.edu
Grant W. Goodge	NCDC/NOAA	Grant.Goodge@noaa.gov
Doug Miller	Atmospheric Sciences, UNCA	dmiller@unca.edu
J. Greg Dobson	NEMAC, UNC Asheville	gdobson@unca.edu
SESSION IV		
Tony Sturey	Warning Coordination Meteorologist NOAA/National Weather Service, Greer, SC	Anthony.Sturey@noaa.gov
Christopher Godfrey	Atmospheric Sciences, UNC Asheville	cgodfrey@unca.edu
Philippe Papin	Junior, Atmospheric Sciences, UNC Asheville	pppapin@unca.edu
Gerald M. Satterwhite, Jr.	Junior, Atmospheric Sciences, UNC Asheville	stratowx@gmail.com