



NEWSLETTER

**National Weather
Association**

NO. 10 – 1 JANUARY 2010

NOAA's National Hurricane Center to Provide Greater Lead Time in Watches and Warnings

The National Oceanic and Atmospheric Administration (NOAA) National Hurricane Center (NHC) in Miami will issue watches and warnings for tropical storms and hurricanes along threatened coastal areas 12 hours earlier than in previous years. According to NHC experts, advancements in track forecasts are making it possible for forecasters to provide greater lead time.

Tropical storm watches will be issued when tropical storm conditions are possible along the coast within 48 hours. Tropical storm warnings will be issued when those conditions are expected within 36 hours. This is an increase of 12 hours from those issued in previous years.

Similar increases in lead-time will apply to hurricane watches and warnings. The hurricane watches and warnings will generally be timed to provide 48 and 36 hours notice, respectively, before the onset of tropical storm force winds. That additional time will also allow people



NHC Director Bill Read provides the TV audience with the latest information on Hurricane Ida, Nov. 2009.

preparing for the storm – securing oil rig platforms, getting food and water stockpiled, boarding windows, etc., – enough time to finish preparations and get to safe shelter.

See HURRICANE, page 6

Presidential Shift: Steve Zubrick's at our helm!



I am honored to serve as your National Weather Association President for 2010. It's humbling to see the list of former NWA Presidents, including Vince Oliver, Joe Schaefer (former Storm Prediction Center Director), Les Lemon, Ken Crawford, Bill Read (NHC Director), the late Rod Scofield and the late Dr. Jim Moore. I will continue the work set forth by them and by previous NWA Councils to provide increased services and guidance to members in the areas of education and professional endeavors. We have many challenges as an organization as we strive to meet the needs of our members. Throughout the year, I'll highlight our efforts and plans to improve and enhance your NWA experience.

Our NWA mission is simple: "Support and Promote Excellence in Operational Meteorology and Related Activities." Most of us are involved in weather forecasting, spanning a wide range of careers. Regardless of whether you are a forecaster, educator,

See PRESIDENT, page 6

Inside This Edition

2010 NWA Election Results.2

Membership and Marketing
Committee Initiatives2

10th Annual National Severe Weather
Workshop.2

35th NWA Annual Meeting.3

Articles Added to Electronic Journal of
Meteorology.3

Application Period Opens for
Scholarships and Grants4

NWA Council for 20105

Chapter News7

Professional Development
Opportunities 7

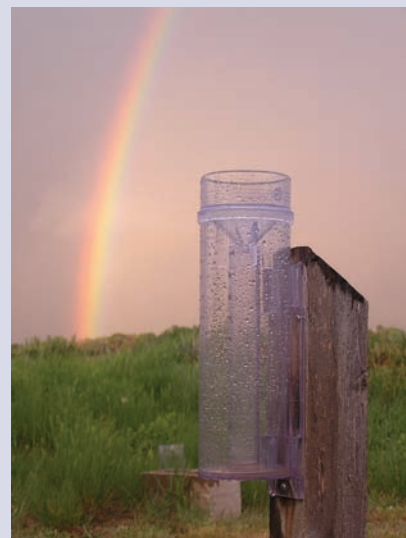


Photo by Henry Reges, CoCoRaHS National Coordinator. See CoCoRaHS story, page 4.

2010 NWA Election Results

The polls have closed and all votes counted. Here are the winners of the 2010 NWA election for Officers and Councilors:



President-Elect for 2011

Dr. Patrick Market

University of Missouri-Columbia, Columbia, Mo.

Vice President

Bruce Thomas

Midland Radio Corporation, Kansas City, Mo.

Secretary

Faith Borden, NWS Las Vegas, Nev.

2010-2012 Councilors

Jeffrey Evans – NWS/SPC, Norman, Okla.

David Freeman – KSNW-TV, Wichita, Kan.

Steven Listemaa – NWS, Sterling, Va.

Dr. John Scala – Consultant and WGAL-TV, Lancaster, Penn.

See page 5 for a complete listing of the 2010 NWA Council.

Membership and Marketing Committee Initiatives for 2010

The NWA Membership and Marketing Committee (M&M) has been very active during 2009 and early 2010. M&M presented a Marketing Plan to the NWA Council in October 2009. The plan was enthusiastically supported by the council. As a result, several NWA marketing initiatives will unfold during the next year. These include increasing NWA presence on Facebook and Twitter; renewed focus on student recruiting; increased efforts for retention of current NWA members; updating and creating NWA marketing materials; and attendance at select regional conferences to attract new members.

The NWA goal is to increase total membership by 300 people per year for the next five years.

The M&M team has changed considerably over the past year. Our committee members represent the military, the NWS, academia (student and faculty reps) and private meteorology. This diverse but cohesive group is working diligently to help recruit and retain members. The priority focus is on student membership, which is the future of the organization.

If you have any marketing ideas, or would like to help with student recruiting visits, contact the committee at marketing@nwas.org.

*John Gordon, Committee Chair
Frank Brody, Committee Member*

The 10th National Severe Weather Workshop March 6-10, 2010 – Norman, Okla.

Planning is underway for the 10th National Severe Weather Workshop (NSWW) to take place in Norman, Okla., on March 4-6. This year's workshop theme is, "*A Decade of Sharing Information about Weather Emergencies, Communications, and Response.*"

Some of the subjects that will be highlighted during this NSWW include:

- Hazardous weather mitigation strategies
- Continuity of operations (business and government sectors)
- Forecast verification measures and meanings
- Event alerting technologies and issues
- National Weather Service products, services, and outreach
- Latest in severe storm research and modeling
- Weather radar updates and technology
- Relating uncertainty and confidence information to decision makers
- EF-Scale tornado rating updates and new tools for damage surveys
- Weather Trade and Technology Expo



Conference participants meet with vendors at the 2009 workshop

Other topics of interest to workshop participants will range from an update and status of the Enhanced Fujita scale for tornado damage assessment to the use of social media in emergencies. In addition to presentations and a possible poster session, workshop organizers are planning to have panel discussions and break-outs related to the topics listed above. As is the case every year, the workshop will conclude on Saturday afternoon with a session for storm spotters, emergency managers, and others who help protect their communities from severe storms.

Concurrent with the March event, the 2010 NSWW's Trade and Technology Expo will feature leading and innovative companies providing services in emergency response, preparedness, and meteorological information.

For more information on the workshop, including logistics, registration, and how to reserve a space at the Trade and Technology Expo, go to the 2010 NSWW Web site at:

<http://www.norman.noaa.gov/nsww/>.

*Greg Carbin, WCM, NWS Storm Prediction Center, Norman, Oklahoma
John Ferree, Severe Storms Services, NWS, Norman, Oklahoma
Professional Development Committee*

35th NWA Annual Meeting: Oct. 2 to 7, 2010

Where:

Marriott Tucson University Park, in the heart of the University of Arizona, 880 E. 2nd Street, Tucson, Ariz. 85719

Annual Meeting Hotel Information:

Marriott Tucson University Park Hotel

www.marriott.com/hotels/travel/tusup-tucson-marriott-university-park/

NWA room rates are as follows:

Single & Double room rate: \$106.00; Standard Suites: \$139.00

Call (800) 228-9290 and request the National Weather Association 2010 Annual Meeting rate to reserve your room! (Call by Sept. 1 to take advantage of our group rate!)

Our Theme:

"Fire and Ice: Science and Society," emphasizing the ongoing and emerging interaction between the branches of the weather and water enterprise, including the private sector, media, academia and government. Topics will include: societal impact research and public policymaker interaction with weather forecasters; tropical cyclone forecasting, particularly in the eastern Pacific; wildfire forecasting; hydrometeorology, precipitation forecasting and estimation; innovative uses for lightning data; winter and severe convective storms, with emphasis on high plains and western U.S. geography issues; data denial and how operational forecasters cope with key data losses; and climate variability and forecasting, particularly on the intra-annual level.

Professional Development Opportunities:

The 2010 Annual meeting will include the annual Broadcasters' Workshop and DVD swap, and the 3rd Annual Students' Session at the University of Arizona Student Union – both on Sunday, Oct. 3. Student presentations will be reviewed by the NWA Weather Analysis and Forecasting Committee members, and monetary awards will be presented to the best presentations and posters in undergraduate and graduate student categories. The general session will be Oct. 4-7, with the annual awards luncheon on Wednesday, Oct. 6.

Abstract Submission:

The deadline for submissions of abstracts is June 1. Abstracts should be sent via the online form on the NWA Web site at: www.nwas.org/2010abstracts.html. Abstracts will be published in the Meeting Agenda as submitted, so please make sure that they have been carefully reviewed and edited. If you are unable to submit your abstract via the online form, contact the NWA office at (919) 845-1546 or email: exdir@nwas.org. Presenters will be notified regarding the disposition of their abstracts by Aug. 15.

Still Need More?

Annual Meeting Program Committee Chair: Erik Pytlak, Science and Operations Officer, NOAA/NWSFO, 520 North Park Ave, Tucson, AZ 85719; (520) 670-5156; annualmeeting@nwas.org.

Broadcaster Workshop Program Chair: Mike Goldberg, PO Box 2491, Glen Allen, VA 23058-2491; mike@mike-goldberg.com

For more information on exhibits, special accommodations, registration and overall meeting program, visit www.nwas.org, contact the NWA office at (919) 845-1546 or email exdir@nwas.org.

Four Articles Added to Electronic Journal of Meteorology www.nwas.org/ej/

"Warning Success Rate: Increasing the Convective Warning's Role in Protecting Life and Property" by Peter Wolf (NWS Forecast Office Jacksonville, Fla.) is an introductory look at a new measure for examining the potential impact of short-fuse weather warnings on the effort of protecting life and property. The Warning Success Rate measure focuses on actual warning utilization rather than solely upon accuracy and timeliness. Is an accurate and timely warning meaningful if it is received, understood and utilized by only a small minority of the warned population?

"Boundary Influences on the 7 July 2008 Tornado Event" by Chauncy J. Schultz, takes a short, but in-depth look at an EF3 tornado-producing supercell that occurred in close proximity to an outflow boundary. A second supercell crossed a different segment of the same boundary – but only produced a brief, EF0 tornado. The two near-storm environ-

ments are compared and contrasted. Finally, a high-resolution WRF-ARW model simulation is analyzed to see if it would have helped forecasters anticipate this high-impact, mesoscale event.

"Analysis of the Western U.S. Winter Storm 3-7 January 2008" offers two pieces on an intense winter storm which impacted much of the Western United States during the first week of January 2008, producing widespread heavy precipitation, extreme winds and major societal impacts. Ten feet of snow fell at the Kirkwood Ski Resort in the Sierra Nevada Mountains within a two-day period, gusts to 85 mph occurred in the valleys around Salt Lake City, and the eastern California town of Bishop received nearly 80 percent of its annual average precipitation in a single day!

"Part I - Correlating Normalized Anomalies with High Impact Weather and Event Rarity" is by Randall Graham, Chris Smallcomb,

and Richard Grumm.

"Part II - A Forecasting Perspective Using Ensemble Datasets" is by Smallcomb and Graham.

These two articles analyze the storm from an observational and a forecasting perspective using GFS ensemble model (GEFS) output. In Part I, analyzed anomalies are correlated with the significant weather that impacted the Western U.S., putting the anomalies in a historical perspective by quantifying the return periods. Part II provides a case study of how NWS forecasters at the Reno, Nev., office used operational GEFS data, including forecast anomalies and spreads, to anticipate this high impact storm up to seven days in advance.

Jeffrey Medlin, 2009 EJOM Editor
Marty Baxter, 2009 NWA EJOM Editor-in-training

Students and Teachers: **Now Accepting Applications for all NWA Scholarships and Grants**

This year, the NWA is offering six scholarship opportunities and one grant for university students. Four will be available this spring; two in the fall. There will also be seven education grants for K-12 Teachers.

New for 2010---All applications are available Online!

For more information on grants and scholarships, visit the following Web sites:

www.nwas.org/committees/ed_comm/application/

www.nwas.org/grants/

NWA Scholarship	Application Closing Date
Broadcast Meteorology Scholarship	March 15
David Sankey Minority Scholarship	April 15
AccuWeather Undergraduate Scholarship	May 15
Dr. Roderick A. Scofield Scholarship	May 15
Meteorological Satellite Application Award Grant	June 15
2010 Sol Hirsch Education Fund Grant for K-12 Teachers	June 1
Arthur C. Pike Scholarship	Oct. 25
Cassens/Phillips Family Undergraduate Scholarship	Oct. 25

CoCoRaHS Funding

Most NWA members are likely familiar with the Community Collaborative Rain, Hail and Snow Network better known as CoCoRaHS. It is a grassroots initiative that recruits and trains volunteers in all 50 states to help measure and report all forms of precipitation. The aim is to provide the highest quality data for weather and climate monitoring, natural resources, education and research applications, while educating the public about precipitation and weather patterns in their local communities. There are over 14,500 observers of all ages and backgrounds currently participating.

CoCoRaHS was started by Nolan Doesken, Colorado State Climatologist at Colorado State University, after the deadly Fort Collins, Colo., flash flood in July 1997. The flood was so localized that the observing networks did not fully detect the event. Doesken realized that a more dense rainfall collection network would have improved detection and increased real-time reports, so he started CoCoRaHS as a local project. To learn more about the Fort Collins 1997 flash flood, visit <http://ccc.atmos.colostate.edu/~odie/rain.html>.



Photo also by Henry Reges.

While the CoCoRaHS network of volunteers continues to grow nationwide, funding to keep the program sustainable is always a challenge. Past funding has included a variety of grants from the National Science Foundation (NSF) and NOAA as well funds from several organizations and private donors who appreciate the increased precipitation reports. There are also sponsors who supply equipment and resources. In recent years, a grant from NOAA's Office of Education provided the majority of the CoCoRaHS operating funds. The three-year grant has just come to an end.

In an effort to keep the network functioning for the time being at a minimum level of collecting and posting observations, a fundraising campaign titled "Five For CoCoRaHS" began in December 2009 and will run through the end of January (but people are always welcome to send in contributions). The goal of the campaign is to raise \$30,000 with folks sending in \$5.00 donations (larger donations are welcomed). The Web URL to the campaign is: <http://www.cocorahs.org/Content.aspx?page=donate5>. When combined with donations from other CoCoRaHS sponsors, that amount would keep the basic network functions operating temporarily, and would provide leverage to obtain other funding. Needed improvements to the database and servers, and other educational projects would have to be put on hold until full funding is realized. CoCoRaHS staff members are working

daily to find other grant and funding opportunities.

CoCoRaHS data are available free of charge to anyone who has access to the Internet. Specific observer reports can be viewed along with maps of rainfall, snowfall and hail reports. These data are used by NWS offices, private meteorologists, broadcasters and other private organizations and companies.

The CoCoRaHS Web site (www.cocorahs.org) contains more information about the network and the current fundraising campaign.

Janice Bunting
Contributing Editor

OFFICERS:

PRESIDENT:

Steven M. Zubrick

43858 Weather Service Rd.
Sterling, VA 20166-2018
(703) 996-2224
president@nwas.org

PRESIDENT-ELECT:

Dr. Patrick S. Market

University of Missouri at Columbia
Dept of Soil, Environmental &
Atmospheric Sciences
331 ABNR Building
Columbia, MO 65211-7250
(573) 882-1496
marketp@missouri.edu

VICE-PRESIDENT:

Bruce G. Thomas

Midland Radio Corporation
Chief Meteorologist
5900 Parretta Drive
Kansas City, MO 64120-2134
(816) 462-0415 (O)
(816) 916-0801 (C)
bthomas@midlandradio.com

SECRETARY (2010-2011):

Faith Borden

7851 S Dean Martin Drive
Las Vegas, NV 89139-6628
(702) 263-9744
faith.borden@noaa.gov

TREASURER (2009-2010):

Jeffrey P. Craven

N3533 Hardscrabble Road
Dousman, WI 53118-9409
(262) 965-5061 x766
jeffrey.craven@noaa.gov

COUNCILORS - 2008 through 2010:

Randy Graham

2208 Aspenwood Way
Sandy, UT 84092-3210
(801) 524-5141
randall.graham@noaa.gov

Jill F. Hasling CCM

Weather Research Center Inc.
5104 Caroline Street
Houston, TX 77004-5802
(713) 529-3076
wrc@wxresearch.org

Troy Kimmel

KEYE-TV (CBS) Chief Meteorologist
KVET/KASE/KFMK Radio Chief
Meteorologist
Senior Lecturer, Department of
Geography and Environment, University
of Texas
6512 Sans Souci Cove
Austin, TX 78759-5163
(512) 335-6472
tkimmel@mail.utexas.edu

Jeff Waldstreicher

630 Johnson Ave. Suite 202
Bohemia, NY 11716-2618
(631) 244-0131
jeff.waldstreicher@noaa.gov

COUNCILORS - 2009 through 2011:

David "Rusty" Billingsley

819 Taylor Street
Fort Worth, Texas 76102
(817) 978-1300
david.billingsley@noaa.gov

John Gordon

6201 Theiler Lane
Louisville KY 40229-1476
(502) 969-8842
john.gordon@noaa.gov

Bernard N. Meisner

819 Taylor St, Rm. 10A03
Fort Worth, TX 76102-6124
(817) 978-1300
bernard.meisner@noaa.gov

Wendy Schreiber-Abshire

UCAR/COMET
P.O. BOX 3000
Boulder, CO 80307-3000
(303) 497-8477
abshire@ucar.edu

COUNCILORS - 2010 through 2012:

Jeffrey Evans

4128 Nicole Place
Norman, OK 73072-15756
(405) 325-2831
jeffrey.evans@noaa.gov

David Freeman

Chief Meteorologist KSNW-TV
833 N. Main Street
Wichita, KS 67201-0333
(316) 292-1199
dfreeman@ksn.com

Steven Listemaa

43858 Weather Service Rd
Sterling, VA 20166-2018
(703) 996-2235
steve.listemaa@noaa.gov

Dr. John R. Scala

Consultant and WGAL-TV Meteorologist
2150 Meadow Ridge Drive
Lancaster, PA 17601-5761
(717) 799-6700
scalawx@comcast.net

STUDENT EX-OFFICIO:

Elise V. Schultz

University of Alabama in Huntsville
Department of Atmospheric Science
320 Sparkman Drive
Huntsville, AL 35805-1912
(256) 961-7856
johnson@nsstc.uah.edu

IMMEDIATE PAST PRESIDENT:

Michael D. Vescio

2001 NW 56th Drive
Pendleton, OR 97801-4593
(541) 276-7832
michael.vescio@noaa.gov

**COMMISSIONER OF COMMITTEES
(NON-VOTING MEMBER):**

Alan E. Gerard

234 Weather Service Drive
Flowood, MS 39232-9314
(601) 936-2189
alan.e.gerard@noaa.gov

**EXECUTIVE DIRECTOR
(NON-VOTING MEMBER):**

Stephen W. Harned CCM

National Weather Association
228 West Millbrook Road
Raleigh, NC 27609-4304
(919) 845-1546 (919) 845-2956 fax
exdir@nwas.org

**ASSISTANT EXECUTIVE
DIRECTOR
(NON-VOTING MEMBER):**

Ruth Aiken

National Weather Association
228 West Millbrook Road
Raleigh, NC 27609-4304
(919) 845-1546 (919) 845-2956 fax
assist@nwas.org

"With increases in population and infrastructure along vulnerable U.S. coastlines, emergency managers need more lead time in order to make life-saving decisions regarding evacuations," said Bill Read, Director of NOAA's National Hurricane Center and Past President of the NWA.

These changes will go into effect for the 2010 hurricane

season, which begins on May 15 in the Eastern Pacific and on June 1 for the Atlantic Basin.

The 2010 National Hurricane Conference will be held March 29 – April 2 in Orlando, Fla. (www.hurricanemeeting.com)

NOAA Public Affairs

PRESIDENT from front

communicator, researcher, service or instrumentation provider, a student, a retiree, or serve in the military, I, along with the entire NWA Council and Officers, believe strongly that you will benefit professionally by your continued support of and membership in the NWA.

Weather forecasting is fun, exciting; yet challenging. I'm fortunate to work with a dedicated group of meteorologists and support personnel in my position as Science Operations Officer (SOO) here at the National Weather Service Forecast Office in Sterling, Va. I work operational shifts occasionally to maintain proficiency and relevancy in all aspects of operational forecasting. Every shift offers its own challenges. While most are involved with thinking through a forecast or dealing with equipment and/or personnel issues, sometimes it's another challenge all together. Getting to work can be a challenge when a foot of snow or flooded road stands between you and the office. Recently, members from the Federal and private sector were called upon to deploy coastal flood water level sensors around the Hampton Roads area of Southeast Virginia as 45 knot winds and heavy rain hammered that area during a November 2009 storm - combined Nor'easter/Tropical Storm Ida. Data received from these water level sensors will help improve coastal flood predictions.

One challenge I face as NWA President is to facilitate how our organization can best reach its members and in some way "support and promote" YOUR excellence in operational meteorology. My charge to you: be passionate about your career and enjoy what you do! The NWA stands ready to serve and assist you. I implore you to embrace the challenge of the NWA mission: "...Excellence in Operational Meteorology..." A long journey begins with a first step. Decide today what your first step is. There is a host of on-line, on-demand training in a wide range of meteorology subjects. Our NWA Professional Development Web page offers a host of links and information to help you get started.

One notable enhancement for NWA members was the introduction late last year (Fall 2009) of a "Member Portal," a gateway to a suite of Web-related services available only for NWA members. Frankly, this was long overdue. After much hard work by NWA Councils over the past several years, we finally achieved success. Thanks go to many people involved with this project, including our last three NWA Presidents, Mike Vescio (2009), Dr. John Scala (2008) and Alan Gerard (2007), as well as our administrative team in Raleigh led by Executive Director Steve Harned, and Assistant Executive Director, Ruth Aiken. An interesting result so far is that nearly 75 percent of renewing members opted for electronic distribution of NWA publications. In the coming year, my goal will be to enhance

our Web presence, especially the Member Portal section. This effort is in its beginning stages. I welcome your comments on it.

Our 35th Annual Meeting will be held in Tucson from Oct. 2-7, 2010, at the Marriott Tucson University Park Hotel, located in the heart of the University of Arizona. This year's theme is "Fire and Ice; Science and Society." The Program Committee is busy planning to make this year's meeting a truly excellent and fun experience. The 2010 Annual Meeting, a great place to network with others in our field, will emphasize ongoing and emerging interactions between the branches of weather and water enterprise, including the private sector, media, academia and government. In particular will be the annual Broadcaster's Workshop and DVD swap, and the Third Annual Student's Session – both on Sunday, Oct. 3. If you're a broadcaster or student, please seriously consider attending the Sunday session!

For students: you're the future of operational meteorology. Embrace this realization. Strive to excel in your studies. Your hard work now will lead you to a fulfilling career. President Abraham Lincoln said: "The best thing about the future is...it comes...one day at a time." Put forth a quality effort each and every day. You'll be rewarded in the long run. Make a name for yourself; and get your name known to others in the field. Network not only with other students, but with professionals in the field. Learn as much as you can about employment opportunities. The NWA can put you in touch with members in your area who are willing to talk about their careers. We frequently update the jobs section on our Web page. If you have a local NWA chapter, attend the meetings. Also, attending NWA regional and annual meetings is a great way to make contacts and network. Some advice - if you attend a professional meeting, besides listening to the talks, go in the hallways during breaks and talk with other attendees. While it can be intimidating to go up to someone you don't know and introduce yourself, overcome the reluctance to do so. Who knows, you might be talking to your future employer or a new colleague!

Well, this year marks not only another year, but the beginning of a new decade for the NWA. I wish all of you the very best. I welcome our newly elected 2010 NWA Councilors and Officers and look forward to working with the Council. We'll do our best to provide education and professional development resources to you through the coming years. Please feel free to contact me at anytime. My email is President@nwas.org.

Steve Zubrick
NWA President

The University of Missouri American Meteorological Society (AMS)/NWA Meteorology Club has been busy with several events and meetings during the last three months.

The club meeting on Oct. 14 started off with officer reports. Many fall activities were discussed including Adopt-A-Highway clean-up and the Severe Weather Winter Workshop. For students who qualify, applications for Chi Epsilon Pi, the meteorology honors society, became available. After officer reports, Mark Fuchs, a hydrologist at the NWS St. Louis WFO, gave a presentation explaining how he became a hydrologist and what his job entails. The meeting ended with students signing up to help put together the Severe Weather Winter Workshop presentation.

The club had its last formal meeting of the semester Nov. 11, where Professors Dr. Anthony Lupo and Dr. Patrick Market discussed some of their research and shared ideas with students on how to become active in research. We also learned that club scholarship applications were available.

The Campus Weather Service hosted a Winter Weather Workshop on Dec. 3 at Conservation Auditorium on the University of Missouri Campus, and the Meteorology Club Christmas party was held on Dec. 4 at Jimmy's Steak House. During the party, club scholarship winners and new Chi Epsilon Pi members were announced.

Traci Fehnel
Meteorology Club Secretary

NWA sponsored Annual Meetings, Conferences and Special Events for 2010

March 4–6: 2010 National Severe Weather Workshop

This 10th annual workshop will be held in Norman, Okla., is sponsored by the Central Oklahoma Chapter of the AMS and NWA along with many other units in Norman.
(<http://www.norman.noaa.gov/nsww/>)

March 5–7: 35th Annual Northeastern Storm Conference

Sponsored by the Lyndon State College AMS and NWA Chapter, it will be at the Saratoga Hotel, Saratoga Springs, N.Y.
(<http://apollo.lsc.vsc.edu/ams/index.php?page=nesc>)

March 13: The 2010 National Storm Conference

The Texas Severe Storms Association (TESSA) and NWS again collaborate on this annual conference which will be in Colleyville, Texas. The North Texas Chapter of the AMS/NWA is a sponsor of this event. (www.tessa.org/meeting.html)

March 25–27: 14th Annual Severe Storms and Doppler Radar Conference

Sponsored by the Central Iowa NWA Chapter, it will be in Des Moines, Iowa. (www.iowa-nwa.com/conference/)

Oct. 2–7: 35th Annual Meeting of the National Weather Association

See page 3 for details. Abstracts will be due by 1 June 2010.

Oct. 26–28: The National Flood Workshop

Sponsored by many agencies including the NWA, will be held in Houston, Texas. E-mail the Weather Research Center in Houston wrc@wxresearch.org for more. Abstracts due April 28.

Browse to the *NWA Local Chapters* for information on their local activities.

Other Meetings, Conferences and Special Events

Feb. 5: National Weatherperson's Day

The date honors the birthdate of John Jeffries, a Boston physician and one of America's first weathermen who kept weather records from 1774 to 1816.

Feb. 7: 2010 Minnesota Storm Chasing Convention

Sponsored by the Saint Cloud State University Storm Chase Club, it will be at SCSU, Saint Cloud, Minn. (<http://studentorg.stcloudstate.edu/stormchase/MNSCC10.htm>)

Feb. 17–19: 2010 Lubbock Severe Weather Conference

Held in Lubbock, Texas, this conference will emphasize advancements in observation and analysis of severe hazardous weather. (<http://lubsvrconf.org/>)

March 9–10: The 2010 Alaska Weather Symposium (AWS '10)

At the University of Alaska - Fairbanks, the symposium will provide a forum for the exchange of operational and research information related to weather in the Alaska environment.
(<http://weather.arsc.edu/Events/AWS10/>)

March 23: World Meteorological Day

To commemorate the 1950 entry into force of the convention that created WMO, which became a Specialized Agency of the United Nations a year later.

March 29–April 2: 2010 National Hurricane Conference

The 32nd annual conference will be in Orlando, Fla.
(<http://www.hurricanemeeting.com/>)

April 19–20: 21st International Lightning Detection Conference

April 21–22: 3rd International Lightning Meteorological Conference

Both will be in Orlando, Fla. (www.vaisala.com/newsandmedia/events/ildcilmc.html)

June 2–4: NOAA/NWS Eastern Region Flash Flood Conference

Striving to improve flash flood forecast and warning performance and public action response, this conference will be in Wilkes-Barre, Penn. Sponsored by the NOAA/NWS Eastern Region, NOAA/NWS Weather Forecast Office in Binghamton, N.Y., and the Susquehanna Flood Forecast and Warning System.

(www.erh.noaa.gov/bgm/research/ERFFW/)

Haven't renewed NWA membership for 2010??

It's not too late!!

Please send in your renewal dues with the form received in November or log on to <http://member.nwas.org>.

Remember this year you can lower your dues payment by receiving your publications online.

Don't wait any longer ... renew now

(The next edition of the Digest is almost ready and we know you won't want to miss it!)

Having trouble setting up your profile on the "Member Portal"?

If so, please send an email or call NWA Assistant Executive Director, Ruth Aiken. Email assist@nwas.org or call (919) 845-1546. She can walk you right through the process!

Dates 2 Remember

Feb. 17 – 19: 2010 Lubbock Severe Weather Conference, Lubbock, Texas.

March 4 – 6: 2010 National Severe Weather Workshop, Norman, Okla.

March 5 – 7: 35th Northeast Storm Conference, Saratoga Springs, N.Y.

March 9 – 10: 2010 Alaska Weather Symposium (AWS '10), Fairbanks, Ark.

March 13: 2010 Texas Severe Storms Association (TESSA) Conference, Colleyville, Texas.

March 25 – 27: 14th Severe Storms and Doppler Radar Conference, Des Moines, Iowa.

See page 7 or www.nwas.org/events.php for further details!

NWA Newsletter (ISSN 0271-1044)

Contributing Editor: Janice Bunting

Editor and Publisher: Steve Harned, Executive Director

Published monthly by the National Weather Association, 228 West Millbrook Road, Raleigh, N.C. (USA) 27609-4304; phone ~ (919) 845-1546; fax ~ (919) 845-2956; exdir@nwas.org; www.nwas.org.

Submit newsletter items directly to the NWA office or to nwanewsletter@nwas.org. Material received by the 25th will be considered for the next month's issue.

Members receive the Newsletter and *National Weather Digest* as part of their regular, student or corporate membership privileges. Printed Newsletter subscriptions are available for \$25 per year plus extra shipping costs outside U.S. Single copies are \$3. **Address, phone number, email and affiliation changes can now be made online at the member portal.**

Supporting and promoting excellence in operational meteorology and related activities since 1975.

PRSRT STD
U.S. POSTAGE
PAID
Temple Hills, MD
Permit No. 9875

National Weather Association
228 W. Millbrook Rd.
Raleigh, NC 27609-4304
Address Service Requested