

PRESIDENT'S MESSAGE

Your NWA Council met at the new NWA headquarters office in Raleigh on 18-19 May for our annual Midyear Meeting. The Midyear Meeting is an important part of the NWA calendar as it allows the Council to focus on the business of running our organization. A number of topics, some exciting and others more mundane (but important) were discussed during this weekend, and I would like to focus on a few of them in this month's message.

I have been an active member of the NWA for more than a decade, and have spent the last several years as either a committee chair or Council member. During this entire time period, we as an organization have been working to try to improve our IT presence, and moving this goal forward is a key priority for me during my year as president. A big step in this area was made in Raleigh when the Council reviewed and approved a new design for the NWA Web site. This site is in its final stages of development, and we expect it to be rolled out sometime this summer. The Web site will not only provide a new look, but improved navigation and functionality. The IT team members, led by IT Committee Chair Tim Oram, Mike Coyne, Darone Jones and longtime volunteer Webmaster Steve Listemaa, have done yeoman work getting this project to this point, and I am sure that once the new site is up and running you will agree that their efforts have been well worth it.

Another area that I and many others in the NWA leadership have been working on for a number of years is the improvement of the NWA publications, and the Council also worked on this at the Midyear meeting. A new look for the NWA Newsletter, featuring color publication, as well as a new format for the *National Weather Digest*, were approved by the Council. The Council agreed to the start of the new format for the Newsletter in September, with the new Digest format beginning with our December 2007 issue. Publications chair Rodger Brown, along with his committee, as well as Executive Director Steve Harned, have done most of the background work on these projects, and the Council thanks them for their efforts.

A number of organizational issues were also addressed in Raleigh. After many months of work by the Broadcast Meteorology Committee (BMC), as well as the staff and officers, a final updated

Qualifications and Procedures document for the NWA Broadcast Seal was debated and approved by the Council. The development of this document was an arduous, and to be honest at times controversial and contentious, process, but I am confident that the Council approved a document, which will further enhance the reputation and desirability of the NWA Broadcast Seal. I personally would like to thank all of those involved in the development of this document, and especially chair Mike Goldberg and the members of the BMC for their work.

Treasurer Steve Zubrick, other officers and Council members, and I met with a certified public accountant prior to the Midyear meeting to discuss the organization's options as far as our financial structure and planning. This meeting led to additional discussions during the Council meeting regarding ways to continue to strengthen our association's already strong financial position. All of this work is being done to help meet our Strategic Plan Goal to "ensure the NWA's financial stability and planning."

Finally, I am sad to report that one of our Council members has had to resign from the Council. Sandy Thomson has stepped down from the Council due to conflicts associated with family and work obligations. I would like to thank Sandy for her long time outstanding service to our organization, including serving as Secretary and Councilor, and for the commitment to the NWA that led her to step aside when she felt that she could not fully commit to her role as Councilor. Per our organizational bylaws, in this situation the Council selects a member to fill this vacant Council slot, and at Raleigh the Council approved the appointment to the Council of Winnie Lambert, a research meteorologist at ENSCO (a part of the Applied Meteorology Unit at Kennedy Space Center). Winnie was a candidate for Council this past fall. She will serve on the Council through the end of 2008 in the spot left vacant by Sandy, and I am confident she will do an outstanding job.

- Alan Gerard, president@nwas.org

The NWA is on the Web at:
www.nwas.org

Megan Linkin Awarded the Arthur C. Pike Scholarship

Megan Linkin of Silver Spring, Maryland, and a Ph.D. candidate at the University of Maryland is awarded the 2007 Arthur C. Pike Scholarship in Meteorology.



Megan is a highly motivated individual with an unparalleled desire to learn about the science of meteorology. Throughout her undergraduate studies at Rutgers University's Cook College and graduate studies at the University of Maryland, she had demonstrated this excellence. She received a B.S. in

Meteorology from Rutgers in 2004. Her final GPA was 3.748 and she was named to the Dean's List each semester she attended. To broaden her academic experience, Megan interned at the Geophysical Fluid Dynamics Laboratory during her junior and senior years where she worked in climate modeling. She earned her M.S. in Meteorology from the University of Maryland in 2006 and is now in the Ph.D. program studying atmospheric circulation variability and Arctic climate change. At Maryland, she has been a teaching assistant and served as a student representative on an important university wide committee.

Megan's talents do not end with outstanding academic performance. She has demonstrated a talent to learn with and from others through very active professional association activities. She helped found the student AMS chapter at Rutgers in 2001. The chapter quickly became active by participating in AMS conferences, bringing excellent speakers to campus, and through noteworthy field trips. These efforts were recognized when the chapter was awarded the AMS Student Chapter of the Year award for 2002-2003. In graduate school, Megan helped found the University of Maryland student chapter and she has been very active in the DC AMS Chapter. She is also a member of the American Geophysical Union.

The NWA Education Committee received 26 applications from outstanding students at 21 universities from across the country for the seventh year of this annual scholarship award. Best Wishes to all individuals who applied! Congratulations again to Megan Linkin!

Applications for
NWA Sol Hirsch Education Fund Grants
Are due
1 August 2007

Details are located at:
www.nwas.org/solhirsch.html

Kristen L. Gore Awarded the David Sankey Minority Scholarship

Kristen L. Gore of Aiken, South Carolina, a rising junior at North Carolina State University (NCSU) is awarded the 2007 David Sankey Minority Scholarship in Meteorology.



Kristen has a track record of excellence both inside and outside of the classroom. She is maintaining a 4.0 GPA as she pursues a major in Meteorology and Statistics with a minor in Aerospace Studies. Her professional interest is focused on the impact of human beings

on the environment. Specifically, she plans to pursue studies in climate change and stratospheric ozone thinning.

Kristen is a member of the NCSU Air Force ROTC and its honor guard. During her high school years in Aiken, South Carolina, she was a member of the Naval Science program and was selected as Commanding Officer during her senior year. The naval officer advisor for the program cited her as the number one of eight Commanding Officers with whom he had served. He praised her long-term commitment to excellence and outstanding leadership skills.

At NCSU, she is a member of several honor societies, including the society of African American Physical and Mathematical Scientists, and the NCSU student chapter of the American Meteorological Society.

The NWA Education Committee received seven applications from outstanding students at seven universities from across the country for the fifth year of this annual scholarship award. Best Wishes to all individuals who applied! Congratulations again to Kristen Gore!

Notable Weather Events

27 June 2007 – The NWS in Pueblo, CO reported that an EF-1 tornado uprooted 200 acres of trees near Woodland Park, CO. This is only the fifth recorded tornado to occur in Teller County since 1950. The last tornado occurred on 7 July 1996 and it was rated as an F1.

10 July 2007 – The high temperature at Hoquiam, WA (Bowerman Airport), located on Grays Harbor on the west coast of Washington, was 99°F, which shattered the old record for the date and set a new all-time record maximum. The old record for 10 July was 77°F set in 1961, and the old all-time record high was 98°F set on 9 August 1981 and 11 July 1961. The July average maximum temperature is 67.6°F per data from the Western Regional Climate Center.

10 July 2007 – Tuscaloosa, AL had received 12.29 inches of rain since 1 January, which was 20.56 below normal.

Member News

Ruth Aiken will retire from the National Weather Service on August 2, 2007 after 33 years of federal service. Ruth is currently a Senior Forecaster at the NWS Office in Raleigh, NC. She started her meteorology and NWS career in the Columbia, SC office in 1974. Ruth holds a Bachelor of Science Degree in Mathematics and accomplished Post Graduate studies at The Pennsylvania State University and North Carolina State University. In addition to being a Lead Forecaster, Ruth serves as the WSR-88D Focal Point, Diversity Focal Point and Focal Point for the Office Backup Operations. Ruth is a 2004 graduate of NOAA's Leadership Development Competency Program. This was the first NOAA-wide leadership development program. In addition, Ruth provided assistance in developing training programs for Senior Forecasters and future leaders for the NWS Eastern Region.

Ruth is and has been an active member of the National Weather Association. She currently serves as a NWA Councilor and chair of the Local Chapter Committee. She was the NWA Secretary from 2001-2005, and served a previous term as Councilor from 1997-1998. Ruth is a member of the NWA Education Committee and served as a NWA Broadcast Seal Panelist and a member of the 25th Anniversary Committee. She is also a member of the American Meteorological Society and she has served as Secretary of the local Central North Carolina AMS Chapter.

The Partnership for Public Service recently announced that **Max Mayfield**, retired National Hurricane Center Director, is a contender for the prestigious Service to America Medal – including the Federal Employee of the Year award – given annually to one of our nation's unsung heroes.

Max, along with 30 other outstanding federal employees, was recently named a finalist for the Service to America Medals (Sammies). The Sammies honor civil servants who have made innovative and high-impact contributions critical to the well being of our nation. The winners will be honored on September 19 at a Washington, D.C. gala.

The medal finalists were selected from nearly 600 nominations, submitted by their colleagues in the federal government – the nation's largest employer, with more than 1.9 million workers. This year's finalists also include a 2006 Nobel Prize for Physics winner – and public servants who boast achievements in fields including foreign affairs; cancer research; patent filing; bioterrorism; archeology; telemarketing fraud; weapons trafficking; bomb dog training; weapons technology; foreign language training and nuclear waste cleanup.

The *Service to America Medals* program was created to honor the best in our federal workforce and to inspire a new generation to consider public service careers by sharing the inspiring stories of unsung heroes with the general public.

**Send Member News items to:
nwanewsletter@nwas.org**

Dan McCarthy has accepted the Meteorologist In Charge position at the National Weather Service Forecast Office in Indianapolis, IN. Dan is currently the Warning and Coordination Meteorologist at the Storm Prediction Center (SPC) in Norman, OK.

A native of Cleveland, OH Dan received his BS and MS in meteorology from St Louis University and started his career as a meteorologist in the private sector. He worked for Great Lakes Weather in Wisconsin, WSAW-TV in Wausau, WI, and WeatherData, Inc. in Wichita, KS before joining the NWS Severe Storms Forecast Center in Kansas City, now named the SPC, in 1987. Dan has held several positions in that national center. He has co-authored several publications dealing with severe weather, and has extensive experience dealing with national media.

A NWA member since 1981, Dan currently chairs the NWA Annual Awards Committee and previously served as a councilor from 2004-2006.

Sue Palka won a local Emmy Award in the greater Washington DC area for Best Weathercast. Her station WTTG FOX 5 won the most Emmys (16) at the 16 June 2007 ceremony at the downtown Washington Ritz-Carlton sponsored by the local chapter of the National Academy of Television Arts and Sciences. WTTG's more notable wins were for spot news – including the station's coverage of last year's Hurricane Ernesto. Sue was the NWA Broadcaster of the Year for 1997. She earned the NWA Seal of Approval for TV Weathercasting in 1989 and with continuing education has recertified every three years since.

Lieutenant Colonel **Peter B. Roohr** was honored at a retirement ceremony on June 20, and will officially retire from the US Air Force on September 1, 2007. He has served as Chief of Strategic Operations Plans in the office of the Director of Air Force Weather at the Pentagon since June 2006; and he had been chief of the weather operations division in the AF Operations Group for two years prior to that. He started his military weather officer career in 1986 after graduating from the University of Virginia with a BA in Environmental Science. His varied assignments included duties as an atmospheric and space environment forecaster; managing atmospheric technology exploitation, transition into operational use and future requirements; assistant weather squadron operations director in Korea and weather squadron operations director and commander supporting the Air Force Material Command at Wright-Patterson Air Force Base in Ohio. Pete earned an MS (1991) and a PhD (1999) in Atmospheric Science from Colorado State University. He voluntarily supported community activities wherever he was assigned and actively served in professional associations. He became a co-editor of the NWA *National Weather Digest* in 1993 and primary co-editor in 2002. Pete and his co-editor **Patrick S. Market** are currently turning over their editor duties to **Gary Ellrod** and **Michael Vescio** and continuing to serve on the NWA Publications Committee. Pete with wife Susan and their 14-year old sons Alexander and Nathaniel plan to remain in Northern Virginia.

Lightning Detection and Prediction Using Remote Sensing

Total lightning (in-cloud plus cloud-to-ground) activity is related to the updraft strength and the amount of ice in the mixed phase region of thunderstorms. By monitoring lightning frequency in thunderstorms, one can infer storm kinematic and microphysical structure and, therefore, changes in storm severity. This can provide forecasters another severe weather warning tool. Currently, most forecast offices only have access to cloud-to-ground lightning observations. However, some storms produce little or no cloud-to-ground lightning but significant amounts of in-cloud lightning.

Real-time total lightning data from the National Aeronautics and Space Administration's (NASA) Marshall Space Flight Center (MSFC) North Alabama Lightning Mapping Array (NALMA) have been used by forecasters at the Huntsville, AL (HUN); Birmingham, AL (BMX); and Nashville, TN (OHX) National Weather Service Offices since 2003. The NALMA is comprised of ten VHF receivers deployed across northern Alabama and a base station located at the National Space Science and Technology Center (NSSTC). The NSSTC is co-located with the HUN forecast office on the campus of the University of Alabama in Huntsville.

The NALMA locates sources of impulsive VHF radio signals from lightning by accurately measuring the time that the signals arrive at the different receiving stations. The lightning sources located by NALMA are summed onto a 2 km by 2 km horizontal, 1 km vertical 3-D grid every 2 minutes. The rapid update cycle enables changes in storm severity to be monitored more quickly than is possible with radar or other observations. The 460 by 460 km (horizontal) by 17 km (vertical) grid is then provided to the NWS forecasters for display on AWIPS workstations. The lightning data are made available through NASA's Short-term Prediction Research and Transition (SPoRT) Center. The SPoRT Center seeks to accelerate the infusion of NASA research and technology into the operational environment.

The primary use of total lightning data from the NALMA network has been for severe weather. Prior studies suggest a rapid increase in the in-cloud lightning frequency is associated with intensification of the storm updraft followed by a rapid decrease in lightning activity associated with updraft weakening and descent of angular momentum from aloft (Fig 1.). This lightning 'jump' signature prior to severe weather events has been found in studies in both Florida and Alabama. A study of the lightning jump signatures in 20 Alabama storms associated with 106 severe weather events found a Probability of Detection of 0.985 with a False Alarm Rate of .446. The surveys completed by NWS forecasters indicate that they do find the data useful in severe weather situations. A compilation of the survey results find that the forecasters estimate the average increase in warning lead time attributable to use of NALMA data as 2.9 minutes, with estimates ranging from 0 to 9 minutes. The surveys indicate that the total lightning data are most useful in marginal severe situations (i.e., non-tornadic), although the data are used in many tornadic cases as well. In addition to severe weather, HUN uses NALMA data to help issue warnings for the local airports and to develop aviation and terminal forecasts.

All NWS offices will be able to use total lightning products available from GLM observations on GOES-R, allowing them to take advantage of applications of total lightning measurements. Direct information on total lightning initiation, propagation, extent, and rate will capture the updraft dynamics and life cycle of convective storms, as well as internal ice precipitation processes.

Other VHF total lightning systems are located in the Kennedy Space Center, FL; Dallas-Fort Worth, TX; Houston, TX; Norman, OK; White Sands, NM; and the Washington, DC area.

Further NALMA information can be accessed at weather.msfc.nasa.gov/sport/sport_products_lightning.html. A VISITview training module put together by HUN NWS personnel can be found at weather.msfc.nasa.gov/sport/training/LMA_Lightning.zip. After downloading the file and unzipping the files, run the visitlocal.bat file to view the slide show. The NWA Remote Sensing Committee provides additional links to lightning information at <http://www.nwas.org/committees/rs/ltnng.html>.

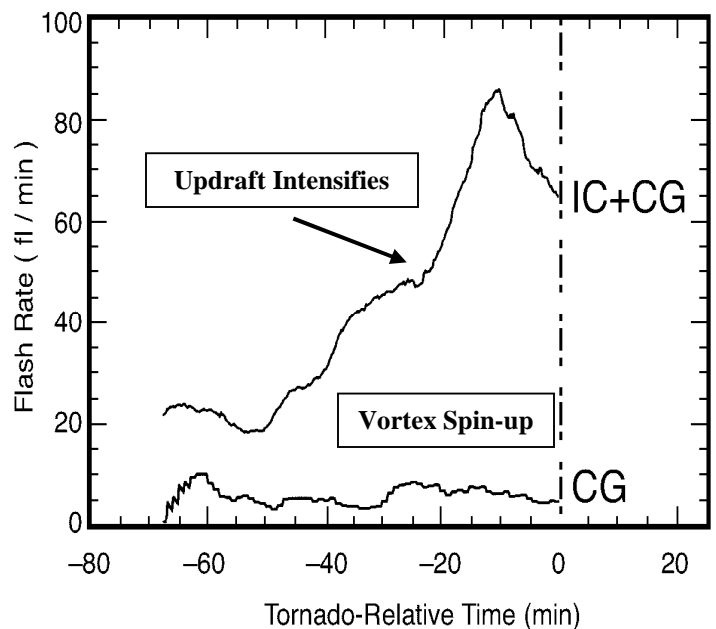


Figure 1. Example of a lightning 'jump' signature.

- Dennis Buechler, Remote Sensing Committee

Chapter News

A small but lively group of nine members of the **High Plains Chapter** of the NWA met for lunch, a meeting and a presentation on Wednesday, June 20 at the Attitudes Restaurant in Norton, KS. Jonathan Finch, from the NWS in Dodge City, presented a briefing on two historic tornadoes: 1) the 40th anniversary of the June 23, 1967 tornado that flattened Garden City, KS; and 2) the 60th anniversary of the June 8, 1947 tornado that devastated Sterling, Colorado. Jon's talk included pictures, facts, and meteorological synopses of each event. Jon also explained his Web site, www.bangladeshtornadoes.org, as an excellent source for historic tornado data, where he has chronicled over 600 tornado cases to date.

The first annual Jim Johnson Scholarship was awarded to William L. Friesen, of Meade, KS. He will be attending Tabor College in Hillsboro, KS starting this fall semester. He will be majoring in Chemistry and Physics, as well as Secondary Education, with plans of becoming a high school science teacher. More information can be viewed on our Web site, www.highplains-amsnwa.org.

Chapter Vice President Mike Umscheid of the NWS Dodge City office received the NOAA Employee of the Month award for June. Mike issued the tornado warning for Greensburg, KS on May 4, undoubtedly saving hundreds of lives due to the 26-minute lead time. Mike has humbly accepted all this worthy attention, but graciously acknowledges the teamwork involved with fellow employees, news media, the spotter network, as well as county and city emergency personnel.

Plans for the 11th High Plains conference in Hastings, NE on August 16-17 are coming along fine. Four keynote speakers are lined-up: John Davies of Wichita, KS; Ron Przybylinski, science and operations officer (SOO) at NWS St. Louis; Dr. Peter Lamb, director of CIMMS; and Deputy Director of NWS Central Region John Ogren. Conference information can be accessed via our Web site, and registration instructions will be posted soon. A meeting designed primarily for NWS members will be held Wednesday afternoon at 1 p.m. at the NWS Hastings office, with suggested topics of FXc-Graphicast and supporting a remote IMET, such as in the Greensburg post-tornado situation. NWS Hastings SOO Rick Ewald will send an invitation email message out to all area SOOs on this.

The next meeting will be held during the 11th High Plains conference.
- Tim Burke, Secretary

Phased Array Radar Comparison

A link to view a comparison between Phased Array Radar and Terminal Doppler Weather Radar capturing a microburst event in Oklahoma was incorrect in the June Newsletter. To view the comparison go to <http://www.nssl.noaa.gov/projects/pardemo> and the comparison link, titled "Microburst Comparison" is located in the "Presentations and Papers" section.

Statement of NWA Income and Expenses For 2006

INCOME FOR 2006

Membership Dues	\$107,878.50
Donations:	
Sol Hirsch NWA Education Fund	4,517.00
General Fund Donations.....	5,711.00
Subscriptions.....	3,458.00
Publication Page Fees	7,130.00
Reprints.....	762.76
Radio-TV Seal Program	15,950.00
Publication Sales	262.50
Advertising Sales.....	340.00
Annual Meeting.....	65,618.94
Postage Reimbursement	151.59
Interest	9,286.39
Dividends	5,490.03
NWA logo items and misc.	563.19

Total Income	\$227,119.90

EXPENSES FOR 2006

Digest Printing.....	\$ 21,241.50
Newsletter Printing.....	6,388.54
Reprints.....	580.00
NWA Seal of Approval certificates	291.00
Other Printing.....	2,676.54
Personnel Salaries.....	70,693.34
Temporary Help Fees	19,826.25
Taxes and Soc. Sec/Medicare.....	5,421.23
Payroll Management Fees	771.05
Postage and Shipping.....	28,895.39
Annual Meeting.....	45,516.40
Communications.....	2,430.02
Equipment and Maintenance.....	7,295.87
Office Supplies.....	3,730.75
Awards.....	2,193.95
Scholarships & Grants	3,750.00
Education Fund Grants.....	5,000.00
Travel	8,632.53
Bank and Credit Card Service Charges	2,712.63
Refunds	302.00
Insurance	2,488.64
Office expenses	3,063.90
NWA logo items	1,833.11
Miscellaneous.	797.66

Total Expenses.....	\$246,532.30

INCOME over EXPENSES

	- \$19,412.40
--	---------------

This is a summary of the NWA's IRS Form 990 submitted in May for nonprofit organizations exempt from federal income tax. Net fund balances at the end of 2006 were \$307,455.86. **THANKS** to the many volunteers and contributors who helped make that happen. Reserve funds were budgeted to be used in 2006 to hire more staff to help increase the timeliness of publications. Funds were also used to begin transfer of NWA office operations to Raleigh, NC as the new Executive Director took on responsibilities.

- K. Lavin, Exec. Dir. 2006

Professional Development Opportunities

- **The 11th Annual High Plains Conference will be held 16-17 August 2007 at the Wilson Center on the campus of Hastings College in Hastings, Nebraska.** The conference is sponsored by the High Plains Chapter of the NWA/AMS. The theme centers on weather that affects the U.S. Central and High plains. Preliminary program, registration, hotel and general information will be posted on the High Plains Chapter Web site www.highplains-amsnwa.org. You may also contact one of the committee members listed below, at 402-462-2127. Committee members are Rick Ewald, Aaron Johnson, Mike Moritz and Jeremy Wesely

- **The 16th U.S.-Canadian Great Lakes Operational Meteorology (GLOM) Workshop will be held 5-7 September 2007 at the University of Wisconsin-Milwaukee School of Continuing Education Conference Center in Milwaukee, Wisconsin.** Hosts for the workshop are the NOAA/NWS Milwaukee/Sullivan and Green Bay offices in Wisconsin. More workshop information, including on-line registration forms, is available at the Web site www.crh.noaa.gov/grb/?n=GLOM. Contacts are Gene Brusky at gene.brusky@noaa.gov or (920) 494-5845 ext. 766, or Ken Rizzo at Kenneth.rizzo@noaa.gov.

- **The Fourth Symposium on Southwest Hydrometeorology will be held 20-21 September 2007, at the Tucson Hilton East Hotel in Tucson, Arizona.** The symposium is co-sponsored by COMET, The National Weather Service, Vaisala, Inc., The University of Arizona Department of Atmospheric Sciences, The University of Arizona Department of Hydrology, Climate Assessment for the Southwest (CLIMAS), and the Institute for the Study of Planet Earth. The symposium will provide a forum to discuss and present research issues associated with mid-latitude, subtropical, and tropical weather systems that affect the Southwest United States, and discuss the resulting impact on hydrologic systems. Because of the wide range of climatic zones in the region (i.e. deserts, savannah, alpine), the breadth of relevant topics is large. Session topics will include hydrometeorology integration, climate science and annual prediction, monsoon forecasting, extreme water and weather events in the Southwest U.S., ensemble and probabilistic forecasting, and quantitative precipitation estimation (QPE). The two-day symposium will include both oral and poster presentations. Presentations from undergraduate and graduate students are highly desired and welcome. Since the last symposium in 2002, there have been considerable advances in both hydrologic and meteorological science – so much so that the two have become increasingly interrelated. Extensive, ongoing research is underway through the North American Monsoon Experiment. Deterministic, ensemble and probabilistic forecasting has advanced. Close working relationships across academic, government and private sectors have opened new areas of investigation, and challenge us with new questions on how to add value to both weather and water forecasts. This symposium seeks to strengthen these relationships and continue to advance our understanding of the complex weather and hydrologic forecast issues in the Southwest U.S. Detailed information about the symposium can be found at <http://www.atmo.arizona.edu/swhs>. The conference fee is only \$25, which will be collected at the conference. We will not be able to process credit cards.

- **The 32nd NWA Annual Meeting will be held 13-18 October 2007 at Circus Circus–Reno in Reno, Nevada.** See the NWA Web site www.nwas.org and pages 7 and 8 of this Newsletter for preregistration and other meeting information.

- **The Eighth Annual Southern New England Weather Conference will be held 27 October 2007 at the Dexter/Southfield Schools in Brookline, MA.** The conference is co-sponsored by the National Weather Service Forecast Office-Taunton, MA, the Blue Hill Observatory Science Center, the National Weather Association Southern New England Chapter, the Greater Boston Chapter of the AMS, and the University of Massachusetts-Lowell Student Chapter of the AMS. Monitor the following Web page for more information <http://www.snewweatherconf.org/>, and to review presentations from the 2006 conference.

- **The Fifth GOES Users' Conference will be held 23-24 January 2008, as part of the 88th AMS Annual Meeting in New Orleans, Louisiana.** The conference is co-organized by the National Oceanic and Atmospheric Administration (NOAA) and the American Meteorological Society (AMS), with support from the National Weather Association. The GOES Users' conference objectives are to: seek ways/define methodologies to ensure user readiness, continue to improve communication between NOAA and the GOES user communities, inform users on the status of the GOES-R constellation, instruments, and operations, and promote understanding for the various applications of data and products from the GOES-R series. The conference will consist of speaker presentations, poster sessions, and an opportunity for user feedback. GOES-R, slated to be launch-ready in late 2014, will provide critical atmospheric, oceanic, climatic, solar, and space data. These new satellites will provide the user community (television meteorologists, private weather companies, aviation and agriculture communities, and national and international government agencies) with significantly more data, containing noteworthy improvements in temporal and spatial resolutions over data currently provided. Abstracts and corresponding posters are solicited for this conference on both current and future GOES. This includes topics pertaining to instruments, heritage instruments, products and applications. Of special interest are posters describing examples of the link between research and operations (or between operations and research). Please submit your poster abstract electronically via the Web by August 1, 2007. Refer to the AMS Web page at www.ametsoc.org/meet/online_submit.html. An abstract fee of \$90 (payable by credit card or purchase order) is charged at the time of submission (refundable only if abstract is not accepted). Authors of accepted posters will be notified (via e-mail) by mid-September 2007. All extended abstracts (up to 3MB) are to be submitted electronically by the revised date of January 15, 2008. Instructions for formatting extended abstracts will be posted on the AMS Web site. All abstracts and extended abstracts will be available on the AMS Web site at no cost. For additional information please contact the program committee co-chair, Dick Reynolds, NOAA/NESDIS, telephone: 410-268-5630, email: Dick.Reynolds@noaa.gov.

www.nwas.org/meetings/meetings.html

NWA 32nd ANNUAL MEETING UPDATE and PREREGISTRATION FORM

The National Weather Association's 32nd Annual Meeting will be held from 13 – 18 October 2007 at the Circus Circus-Reno Hotel, Reno, Nevada.

Theme: Building the Bridge from Best Forecast to Best Response

- **13 October:** Sixth Annual Golf Outing to benefit the NWA Scholarship Fund will be held on Saturday afternoon starting with lunch at the D'Andrea Golf Club in nearby Sparks, Nevada. On site registration begins at the NWA Information desk at the meeting hotel in conference room Mandalay 1. Exhibits will setup and some corporations may offer training for clients.
- **14 October:** BROADCAST METEOROLOGY WORKSHOP will include special presentations and workshops appropriate to continuing education for weathercasters, but open to all interested. **EXHIBITS OPEN** in the room adjacent to the meeting presentation room. Tape Swap Sunday evening -- bring a vhs tape of one recent weathercast for discussion.
- **15-18 October:** ANNUAL MEETING GENERAL SESSIONS from Monday morning through Thursday afternoon will include a wide variety of topics relating to OPERATIONAL meteorology, climatology, hydrology, weather broadcasting, new research applications, and related activities. **The Annual Awards Luncheon will be on Wednesday, 17 October.**

The Annual Meeting Program Committee Chairperson is: Randy Graham, the Science and Operations Officer at the NOAA/NWS Forecast Office, 2242 West North Temple, Salt Lake City, Utah 84116; (801) 524-5141; annualmeeting@nwas.org. The Broadcast Meteorology Workshop Program Chair is **Bryan C. Karrick**, NWA Councilor and KCCI-TV meteorologist, 888 Ninth Street, Des Moines, IA 50309-1288; bkarrick@hearst.com. For information on exhibits, accommodations, registration and the overall meeting program, please contact the NWA Office at Tel/FAX: (919) 845-1546 or e-mail: exdir@nwas.org. See the NWA Web site (www.nwas.org) for the latest information on this 32nd Annual Meeting.

HOTEL INFORMATION: Circus Circus-Reno is at 500 North Sierra Street, Reno, Nevada 89503. It is a full-service resort hotel, convention center and casino. Complimentary airport shuttles to/from the Reno/Tahoe International Airport are available for all Circus Circus-Reno guests. More hotel information can be viewed at Web site: www.circusreno.com. **NWA discount room rates are for North Tower Standard rooms: Friday and Saturday** -- \$89.00 per day plus tax for a single or double room; **Sunday through Thursday** -- \$55.00 per day plus tax for a single or double room. If more than two persons occupy a room, an additional \$10.00 per person, per night, plus tax will be added to the room rate. Guestrooms must be occupied and registered to at least one adult who is 21 years of age or older. **To reserve a room for the Annual Meeting**, please call the Circus Circus-Reno Room Reservation Department at **1-800-648-5010** and request the **NWA 2007** group rate. Reservation clerks will inform you of the deposit due date at time of call. A credit card used for deposit purposes will be charged for one night immediately after the transaction has been made. Advance deposits will be refunded if reservations are canceled 24 hours prior to expected arrival. **Please reserve your hotel room NO LATER THAN 12 September 2007 to be able to obtain the NWA discount rates.**

ANNUAL MEETING PREREGISTRATION: The NWA Annual Meeting preregistration fee includes a preprint volume with program and abstracts. For the period of days registered for, it also includes: admission to all presentation, workshop and exhibit sessions and coffee/refreshment breaks. Full registration for the period 15-18 October includes the Awards Luncheon on Wednesday.

THE PREREGISTRATION FEES payable to the NWA by 5 OCTOBER 2007 are:

- **For 14 October, Broadcast Meteorology Workshop:** \$75 for NWA members and presenters (student and retired members \$45); \$100 for non-members (student and retired non-members \$70). This includes exhibits & Tape Swap.
- **For 15-18 October, Annual Meeting sessions/activities:** \$175 for NWA members and presenters (student and retired members \$100); \$215 for non-members (student and retired non-members \$135). This fee includes the Awards Luncheon on Wednesday.

Special one-day rates for each day during the period 15-18 October (for those that cannot attend the entire conference) are: \$60 for NWA members and presenters (student and retired members \$40); \$85 for non-members (student and retired non-members \$60). Day rates do not include the Awards Luncheon. Extra tickets for the Awards Luncheon are available at \$30 each. Golf Outing fee of \$95 covers lunch, all course fees and a donation for scholarships.

To preregister, please copy this form and mail it with full payment of fees by 5 October 2007 to: NWA Meeting, 228 West Millbrook Road, Raleigh NC 27609-4304 USA. Make payment to "NWA" in US funds by a US bank check, money order or government/institution purchase order. Preregistration by credit card is available on the NWA Web site at: www.nwas.org/meetings/nwa07mtg.html

Name (for nametag): _____

Employer, School or other Affiliation (for nametag): _____

City/State (for nametag): _____

Telephone number and e-mail address: _____

Arrival Date at meeting: _____ Departure Date from meeting: _____ Preregistration fees: \$ _____

No. of extra Awards Luncheon tickets (\$30 each): ____ No. for Golf Outing (\$95 each) ____ Total Funds enclosed: \$ _____

Please Circle all applicable terms/phrases listed here: NWA member NWA local chapter member non-member

Student Retired Session Chair Presenter Program committee member

Local Arrangements committee member I will bring a tape to the Tape Swap I'll attend the Tape Swap but not bring a tape

Sixth Annual
NWA Scholarship Golf Outing



Saturday, October 13

D'Andrea Golf Club

www.dandreaclub.com

We'll start with lunch and then hit the links for a team best-ball round of golf.

\$95

Includes lunch, driving range, greens fees, cart and donation to the scholarship fund.

Tee times start at 1:30 p.m.

Please contact Betsy Kling to reserve your spot:
betsykling@wkyc.com

Disaster Victim Communication Tool

The American Red Cross "Safe and Well List" gives people affected by a disaster a tool to provide their status to friends and family. Disaster victims enter their information on the "Safe and Well" Web site, and their family and friends can search the database to see if the victim is safe, at a shelter, at home, at a friend's home, etc. According to information on the "Safe and Well List" Web page, a pre-disaster phone number (home, work or cell) or a complete home address must be entered to search for a victim's "safe and well" message. Go to <https://disastersafe.redcross.org/> to learn more.

NWA Newsletter (ISSN 0271-1044)

Editor: Janice Bunting

Publisher: Steve Harned, Executive Director

Published monthly by the National Weather Association
228 West Millbrook Road, Raleigh, NC (USA) 27609-4304
Tel/FAX: (919) 845-1546; e-mail: exdir@nwas.org

Web site: www.nwas.org

Submit newsletter items directly to: Editor NWA Newsletter, at nwanewsletter@nwas.org or to the NWA office. Material received by the 23rd will be considered for the following month's issue.

Members receive the monthly NWA Newsletter and *National Weather Digest* as part of their regular, student or corporate membership privileges. Newsletter subscriptions are available at \$18.00 per year plus extra shipping costs outside USA. Single copies are \$1.50.

Contact the NWA Executive Director's office (listed above) with **address changes** by phone, regular mail or e-mail.

IMPORTANT DATES AND EVENTS

- 1 August – Sol Hirsch Education Fund Grant applications due (page 2)
- 16-17 August – 11th Annual High Plains Conference Hastings, NE (page 6)
- 5-7 September – 16th U.S.-Canadian Great Lakes Operational Meteorology Workshop, Milwaukee, WI (page 6)
- 12 September – Last day to reserve a hotel room in Reno at the NWA discount rate (page 7)
- 20-21 September – Fourth Symposium on Southwest Hydrometeorology, Tucson, AZ (page 6)
- 5 October – Last day to preregister for the 32nd NWA Annual Meeting in Reno (page 7)
- 13 October – Sixth Annual NWA Scholarship Golf Outing (p.8)
- 13-18 October – 32nd NWA Annual Meeting, Reno, NV (p. 7)
- 27 October – Eight Annual Southern New England Weather Conference, Brookline, MA (page 6)

Please see *Professional Development Opportunities* on page 6 for additional dates

Also check the Web site: www.nwas.org/meetings/meetings.html

NATIONAL WEATHER ASSOCIATION
228 W MILLBROOK RD
RALEIGH NC 27609-4304

*Supporting and Promoting Excellence in Operational
Meteorology and Related Activities since 1975*