

PRESIDENT'S MESSAGE

by Dave Knapp

If you have not yet been convinced of the great influence of operational meteorology on society today, all you have to do is browse in the news media for a few minutes. Pick up a newspaper, watch television (local, national and cable networks), or surf any of the many news Web sites and you are bound to see at least one or two stories related to the current weather events and their impact on our daily lives. On 1 June, the first day of the 2006 Atlantic Hurricane season, I was surfing to one of my usual news Web sites and I saw the headline, "Day One of Hurricane Season...No Storms Yet!" My first reaction was one of, "You have GOT to be kidding!" But, that changed quickly as I realized that in this post-Katrina era of weather watching, major news events worthy of reporting include the prediction that a tropical depression may form in the eastern Atlantic with the slightest possibility it will hit somewhere along the U.S. coast sometime in the next 7-10 days. Even a day with no tropical storms or depressions occurring, or predicted, makes the top of the news headlines, as it did on 1 June.

Adding fuel to the fire, so to speak, was the summer heat wave across much of the U.S. and Europe. Hurricanes and heat waves, and the possible relationship of global warming to each, continue to make news and further prove the value of the work many of our members make to specific customers and the general public regarding operational meteorology and related activities. Whether we like it or not, operational meteorologists are under a microscope as predictions for their customers, public and private, are scrutinized, criticized, and I hope at least occasionally praised. Extended range weather prediction models indicated many months ago that this summer would be one of above normal temperatures across much of the U.S. and that has proven true. Reviews of the Katrina forecasts proved that the 3-day predictions were as accurate as hurricane track and intensity predictions have ever been. For severe weather, we continue to see improvements in forecast accuracy and

advances in warning lead-times. Improvements in all areas of operational meteorology continue to save lives, protect property, and positively affect the well-being of all. We should be proud as an organization that we represent a scientific specialty that is in demand, is competitive, is often under hot public spotlights, and with customers who are for the most part satisfied with the work we do for them.

In late June, NWA Council member Greg Byrd and I had the privilege of representing the NWA during the Second Annual AMS Weather and Climate Enterprise Summer Community Meeting in Boulder, Colorado. Greg was able to attend the meeting sessions focusing on many topics applicable to NWA members such as the current state of mesoscale weather prediction in the U.S., organizing the mesoscale community, mesoscale prediction science, and the need for improving mesoscale observing systems, which in turn will improve the accuracy of the operational mesoscale models many of us use. Funding seems to be the major challenge that needs to be addressed in the coming years by all observing and modeling sectors of research and operations. It was good to note some positive comments relating to coordination between the various sectors. One of the participants from the private sector expressed the view that the entire community is on the same page 80% of the time, and we cannot ever hope to achieve 100% agreement. However, we need to concentrate on that common 80%. This perspective falls right in line with our 2006 NWA theme of working together to support our customers.

During my two days in Boulder, I represented the NWA on the AMS Weather and Climate Enterprise Commission Steering Committee, which met for public and private meeting sessions. When appropriate, and with NWA Council approval, the NWA will join in agreement with the AMS on advocacy statements, or other means of supportive participation. **As usual, I am pleased to report the NWA remains relevant and plays an important role in discussions with the operational and research communities.**

- Dave Knapp (president@nwas.org)

Report Released on R&D Plans for Multi-Function Phased Array Radars

The Office of the Federal Coordinator for Meteorological Services and Supporting Research (OFCM) released a report entitled "Federal Research and Development Needs and Priorities for Phased Array Radar." This report examines whether a single network of multifunction phased array radar (MPAR) units could provide next-generation expansion of the current weather surveillance network, replace the Nation's aging air traffic surveillance radars, meet homeland security and defense requirements for identifying and tracking non-cooperative craft, and become an integral part of achieving National goals set for the Global Earth Observation System of Systems (GEOSS). In addition, this report documents the current and future Federal agency needs that can be met with domestic surveillance radar systems, details potential benefits that may be realized from this technology, and proposes an R&D plan to evaluate an MPAR option to meet these needs and realize the benefits.

The electronically-scanning, phased array radars with no moving parts (i.e., no rotating antennas) were originally developed to track multiple airborne objects such as aircraft and missiles simultaneously. The unique beam agility, increased resolution, and faster full-volume scan rate of phased array radar can enable a single radar unit to perform multiple weather and atmospheric surveillance tasks and, at the same time, track multiple airborne craft. The NOAA/OAR/National Severe Storms Laboratory (NSSL) and the University of Oklahoma are leading an effort to perform R&D using a phased array radar that is on loan from the U.S. Navy and is part of the National Weather Radar Testbed (NWRT) located at NSSL. One finding of the report is that the "MPAR will enable continued improvement of the Nation's severe weather warning system. It can provide adaptive sensing for warnings and nowcasts related to severe convective storms and the locally destructive effects of hurricanes (tropical cyclones) after they make landfall. Among the storm phenomena that could be tracked are tornadoes, strong wind gusts, hail, and locally heavy rains responsible for flash floods and mudslides. The result: more timely and accurate high-impact warnings for our nation's populace."

Prior to initiating a program to install such systems, further research is required to determine the cost effectiveness of replacing the Nation's entire, varied radar installations with a single uniform network of multifunction radars. Such an analysis would have to consider the impact of other prospective radar system developments that agencies are currently funding and planning to implement. These include upgrading the NEXRAD network to dual-polarization capability and the possible use of "gap-filler" mini-radars currently being investigated by the Center for Collaborative Adaptive Sensing of the Atmosphere (CASA).

This OFCM report can be found online at Web site: <http://www.ofcm.gov/r25-mpar/fcm-r25.htm>.

- Mike Eilts, NWA Remote Sensing Committee

2006 NWA Scholarship

GOLF OUTING

NOON, OCTOBER 14TH
CHEROKEE HILLS GOLF CLUB
VALLEY CITY, OHIO
"The frog jump capital of Ohio"

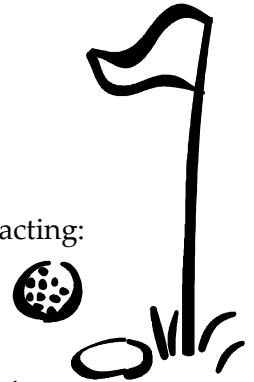
Includes 18 holes, cart, lunch
and a steak dinner!

\$90

Please reserve your spot by contacting:

Betsy Kling
betsykling@wkyc.com

Proceeds benefit NWA Scholarships



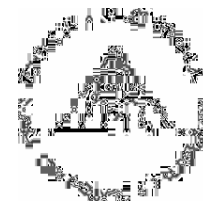
Oregon
SCIENTIFIC *Presents:*

A NIGHT WITH ROCK-N-ROLL

YOU ARE INVITED TO A NWA-ONLY NIGHT AT THE
ROCK AND ROLL HALL OF FAME AND MUSEUM

MONDAY, OCTOBER 16, 2006

ENJOY AN EVENING AMONG GREAT MEMORIES.



NWA ANNUAL MEETING
CLEVELAND, OHIO
OCTOBER 14-19, 2006

Oregon Scientific: <http://www2.oregonscientific.com>

NWA WEATHERCASTER SEALS OF APPROVAL AWARDED

Twenty-three members earned the NWA Weathercaster Seal of Approval between 1 January and 15 September of this year and are listed below. Congratulations to each of you!

The Seal certification number format (yymm###) includes the last two digits of the approval year and two digits for the approval month followed by a successive number (numbers began with 101). A complete list of current NWA Weathercaster Sealholders is on Web site: www.nwas.org/seal-holders.html.

Matthew Hines 0601908	KAMR-TV Amarillo, TX
Kristin E. Emery 0602909	WTVG-TV Toledo, OH
Jeffrey D. Booth 0602910	KGMB-TV Honolulu, HI
Karen Wynne 0602911	WCHS-TV Charleston, WV
Curtis R. Atkinson, Jr. 0603912	KPLC-TV Lake Charles, LA
Patrick Walker 0603913	KSWO-TV Lawton, OK
Lee M. Born 0603914	KNAZ-TV Flagstaff, AZ
Jonathan V. Owens 0603915	KRGV-TV McAllen, TX
Shawn Cable 0604916	KELO-TV Sioux Falls, SD
Jeff Jamison 0604917	KTVT-TV Fort Worth, TX
Darren Stack 0604918	WPDE-TV Myrtle Beach - Florence, SC
Brian Shields 0604919	WFTV 9 Orlando, FL
Ben Pringle 0604920	KAKE-TV Wichita, KS
Ashley J. Altieri 0604921	KUSA-TV Denver, CO
Chris Tomer 0605922	KDVR - FOX31 Denver, CO
Sam Argier 0606923	KMIR 6 News Indio, CA
Erin Kienzle Gigis 0607924	WTAE-TV Pittsburgh, PA
Craig A. Edwards 0607925	WVLT-TV Knoxville, TN
Dan Reynolds 0607926	WTWO-TV Terre Haute, IN
Tara M. Lane 0607927	Charlotte News Channel, LLC. Charlotte, NC
C. Leigh Spann 0607928	WCBD-TV Mt. Pleasant, SC
Ty Shesky 0609929	KKTU-TV Colorado Springs, CO
Brian T. Travers 0609930	WRCB-TV Chattanooga, TN

Broadcasters Plan now!

At the NWA Annual Meeting in Cleveland, you can send a 'look-live' back to your station for **FREE!**

Thanks to the *Cleveland Convention and Visitors Bureau*, any broadcaster will have the chance to tape a report from INSIDE the

Rock and Roll Hall of Fame and Museum.

Worried about getting satellite time or handling tapes? Try something **NEW!**

A Cleveland company
Digital Newsreel

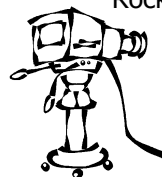
has perfected sending and receiving broadcast quality video over the **INTERNET!**

Yes, your station can download your look-live for use on newscasts right off the Internet, or your Webmaster can put it directly onto your Web site!

www.digitalnewsreel.com

Pressure on for November?

Be the hero of the newsroom when you come back from a conference with an exclusive package that you can track from behind the scenes of the Rock-and-Roll Hall of Fame and Museum.



Send an email to
Betsy Kling:
betsykling@wkyc.com

to reserve a spot. She will send you all the info you need!

Grab-n-Go to Cleveland

Everything you need to know before you go!

Grab-n-Go to Cleveland is a single page tool packed with valuable information for those attending the NWA 31st Annual Meeting in Cleveland. It is available on the NWA Annual Meeting Web page at: www.nwas.org/meetings/nwa06mtg.html.

The Grab-n-Go page contains driving directions to the meeting location at the InterContinental Hotel, tips for getting from the airport to the hotel by train and/or taxi, an overview of the meeting schedule, and the information needed to get a 20% taxi discount.

Before you go to Cleveland, print your copy of **Grab-n-Go to Cleveland** off the Web site and we will see you there!

OVERSEAS WEATHER SUPPORT

NWA member Jonathan Heesch, a Journeyman METOC Analyst with the 3rd Marine Expeditionary Force, Meteorological & Oceanographic Support Team; stationed in Okinawa, Japan, submitted the following reports to share. Jonathan can be contacted at jonathanheesch@yahoo.com

December 2005 Report

In the search for further weather information, I believe we as members of the National Weather Association all share a common interest. So, in order to expand our view of all of the different facets of the meteorological community I thought I would share some of the goings on in military weather in the Far East. In the past month, my office has supported the 3rd Marine Logistics Group (MLG) with climatological overviews of the Pakistan Area of Operations. We have also been presenting four-day forecasts with operational impacts for our 3rd MLG Marines in the weekly Commanding General briefs. Honestly, a better time for operating in the northern portion of Pakistan does not exist. With the strong influence of the Asiatic High overhead, mostly clear skies have been the norm for the past few weeks.

We have also supported the 3rd MLG with their Convoy Operations in Mainland Japan near the base of Mt. Fuji. I received a phone call, in the middle of the night from one of the Intelligence Analysts telling me he needed a three-day forecast with impacts and aviation information. Fortunately, I was prepared to support with the materials at hand and took care of the request. We continued this support for about a week. Tragedy did strike the operation during a period of slick roads and decreased visibility. A seven-ton truck that was being towed rolled over and killed one of the Marines that was inside and severely injured the other.

January 2006 Report

Our main mission is to support the major subordinate commands of the Marine Expeditionary Force.

The command that has shown the most interest in our services is the 3rd MLG. We have increased our support to them in the form of weekly briefs for Okinawa; Iwakuni, Japan; and Kaneohe Bay, Hawaii; as well as other locations to which the MLG has their forces deployed. As the Meteorologist and Oceanographer in support of the MLG I have a varied forecast area, as you can see, and at times it can be very taxing.

In order to become more viable to the operational aspect of the MLG's mission, I have created "Environmental Support Packages" for each of the operating areas. These packages cover Solar and Lunar Almanac Data, Tidal Data, Climatology and Oceanographic overviews for a three-month period in a specific operations area. I hope to use these packages to expose our capabilities to the subordinate commands of

the MLG, and in turn show how we can support the warfighter on the ground with our tactical weather capabilities.

February 2006 Report

The landslides in the Philippines once again heralded the mobilization of the 3rd Marine Expeditionary Brigade to assist in relief efforts on the island of Leyte. My officer in charge was pulled by the Marine Expeditionary Force to deploy forward as the Brigade's METOC Officer, and once again showed the importance weather plays in all aspects of military operations. I believe we are getting the message out to the commanders about the importance of our support, and how much of an effect weather can have on their operations.

We recently received two new Marines into the shop fresh from the air station, and only a few months out of the schoolhouse. We will spend time preparing them to understand the intricacies of weather and the forecasting process. We will also have to get them ready to take that big step to get up in front of an audience and do a brief. I am sure we have all been in the same, or at least a similar situation. It is scary at first; however, after you take that first step, the brief and/or broadcast becomes the high point of the day.

March 2006 Report

My primary push this month was National Flood Safety Week and World Meteorological Day. Through the utilization of the island-wide daily e-mail newsletter, and my weekly briefs, I pushed the need to understand the dangers here on Okinawa and the areas within the Pacific where flooding is a danger. Some of the best areas of cover and concealment for our Marines are also excellent potential areas for Flash Flooding. I hope that through increased awareness of flooding dangers that next time they jump into a ravine they think twice about what might come down that ravine during a torrential downpour.

I would like to thank Mr. Scott Reynolds, Chairman of the NWA Professional Development Committee for supporting me with some great links to resources in my efforts to gather information for this project.

Register Online

NWA Annual Meeting

Online registration is available for
the NWA Annual Meeting

at

nwas.org/meetings/nwa06mtg.html

Keep Those EJOM Submissions Coming In!

The volume of submitted manuscripts to the NWA *Electronic Journal of Operational Meteorology* (EJOM) (www.nwas.org/ej/index.html) remains high, much like our banner year in 2005 when a record 10 articles were published. We have published six manuscripts through mid September, but our goal is continued growth over the next few years. The process of submission and review/editing is so much faster and efficient than other journals and it is a great way to share ideas, case studies and new techniques.

Graphical animations and plenty of color are an added bonus, which have been either impossible in the past or cost prohibitive.

Your oral or poster presentation at the upcoming NWA Annual Meeting in Cleveland is a great start for a manuscript in the EJOM (or the NWA *Digest*, for that matter). Thus, consider going that extra step and submitting an article. We would also love to see more submissions from students and others in academia.

-Jeff Craven, 2006 NWA EJOM Editor

Getting Kids Hooked On Science

America has led the world in science for years, but with a push for more science in other countries, such as China and India, the United States is slowly falling behind. The good news is you can do something as a broadcast meteorologist to change this trend.

Here are a few things I'm doing and you can do to get kids hooked on science.

Do More Science on Television - Recently, I approached my news director, Mark Little and asked if we could do something called the Heartland Science Lab. With his astounding support, each week we now bring local science teachers and kid scientists into the studio and do experiments LIVE on television.

Start a Science Scholarship - Using the money I earned from teaching a Jr. Meteorology course at the local university I set up the "Jason Lindsey Outstanding Science Student" scholarship. Each year an underprivileged student from our viewing area, attending Southeast Missouri State University, and majoring in science will receive 500 dollars.

Encourage City and State Leaders to Proclaim a "Science Day" - In July, local Mayors along with Missouri Governor Matt Blunt and Illinois Governor Rod Blagojevich proclaimed October 3rd as "Science Day." This is a day where parents, guardians, and other community members perform simple science experiments with their children, honor science teachers in their community, and recognize the importance of science in the classroom.

I encourage you to do something in your part of the country that will get kids hooked on science. If you have any questions feel free to send me an e-mail at jlindsey@kfvs12.com.

- Jason Lindsey,
Meteorologist and Science Reporter KFVS-TV

STATEMENT OF NWA INCOME AND EXPENSES FOR 2005

INCOME FOR 2005

Membership Dues	\$ 81,226.52
Donations:	
Sol Hirsch NWA Education Fund.....	4,199.00
General Fund Donations.....	6,983.00
Subscriptions.....	1,822.00
Publication Page Fees	1,770.00
Reprints.....	882.00
Radio-TV Seal Program	13,550.00
Publication Sales	629.50
Advertising Sales.....	296.05
Annual Meeting.....	62,714.06
Postage Reimbursement	152.35
Interest	6,779.41
Dividends.....	4,390.56
NWA logo items.....	768.69

Total Income	\$186,163.14

EXPENSES FOR 2005

Digest Printing.....	\$ 5,300.00
Newsletter Printing.....	6,148.28
Reprints.....	605.00
NWA Seal of Approval certificates	336.00
Other Printing.....	1,774.85
Personnel Salaries.....	59,100.00
Temporary Help Fees	7,027.50
Taxes and Soc. Sec/Medicare.....	5,621.43
Payroll Management Fees	714.91
Postage and Shipping.....	20,326.80
Annual Meeting.....	44,470.41
Communications.....	2,762.27
Equipment and Maintenance.....	135.00
Office Supplies.....	2,923.15
Awards... ..	781.85
Scholarships & Grants.....	3,000.00
Education Fund Grants.....	4,500.00
Travel.....	9,572.80
Bank and Credit Card Service Charges	1,168.33
Refunds	230.00
Insurance	2,160.09
Miscellaneous	1,938.08
Donations to Tsunami & Hurricane Relief	20,000.00

Total Expenses.....	\$200,596.75

INCOME over EXPENSES - \$14,433.61

This is a summary of the NWA's IRS Form 990 submitted for nonprofit organizations exempt from federal income tax. Net fund balances at the end of 2005 were \$321,322.25. *THANKS* to the many volunteers and contributors who helped make this happen. Reserve funds were approved for use this year by the NWA Council to donate \$15,000 to the American Red Cross for Tsunami and Hurricane Relief and \$5,000 to the WMO Multi-Hazard Disaster Prevention Fund.

- Exec. Dir.

MEETINGS OF INTEREST

• **The NWA's 31st Annual Meeting will be held at the InterContinental Hotel, 9801 Carnegie Avenue, Cleveland, Ohio, 14-19 October 2006.** Go to page 7 of this Newsletter, or the NWA Web site: www.nwas.org for details.

• **The First Northern Plains Winter Storm Conference will be held 25-27 October 2006 at the Best Western Americanna Inn & Conference Center in Saint Cloud, Minnesota.** The conference is sponsored by the Department of Earth and Atmospheric Sciences at Saint Cloud State University (SCSU), the SCSU student chapter of the National Weather Association, and the Twin Cities chapter of the American Meteorological Society. The conference topics will focus on aspects of winter weather in the Northern Plains and Canadian Prairies, including synoptic features, mesoscale structures, wind effects, cold-season microphysics, radar, and the role of the media in severe winter weather. A case study workshop, an evening banquet with a keynote address and a public lecture on the 1991 Halloween Blizzard are planned. For more information and to register, visit the conference Web site at: web.stcloudstate.edu/raweisman/wintconf.html. **Registration for the conference must be received by 18 October 2006.** If you have any questions or concerns please e-mail Rod Kubesh at rjkubesh@stcloudstate.edu or Bob Weisman at raweisman@stcloudstate.edu, or call (320) 308-3260.

• **The Seventh New England Weather Conference will be held on 28 October 2006 at the facilities of the Dexter and Southfield Schools, and the Clay Center Observatory, in Brookline, Massachusetts.** It is sponsored by the Southern New England Chapter of the NWA and several cosponsors. All individuals with a casual interest in weather to seasoned professionals are welcome to attend. Some of the featured speakers are: Dr. Kerry Emanuel, Professor of Meteorology, MIT; Dr. Robert Hart, Assistant Professor of Meteorology, Florida State University; Dr. Mary Ann Cooper, Associate Professor, Departments of Emergency Medicine and Bioengineering, University of Illinois at Chicago; Joe D'Aleo, Meteorologist, Hudson Seven LTD; and a panel of local broadcast meteorologists including Brad Field, Matt Noyes, Joe Venuti, Elliot Abrams, Pete Bouchard, Kevin Lemanowicz and Harvey Leonard. Watch the Chapter Web site www.snewweatherconf.org/index.shtml for more information.

• **The National Digital Forecast Database Technical Workshop will be held 2 November 2006 at the NOAA complex in Silver Spring, MD.** The primary goal of the workshop is to provide NWS customers and partners an opportunity to interact with NWS technical staff to discuss near term and future requirements for enhancements to the electronic interfaces to NDFD. NWS wants to hear from the user on "what's working" and "what isn't". Organizers also want to learn from participants what user needs will be in the future as technology evolves. The workshop will be held in building SSMC4, Room 1W611 at 1301 East-West Highway. **The registration deadline is 27 October 2006.** Please register early at Web site: <https://apps.weather.gov/ndfd.php> For information on NDFD visit Web site: www.nws.noaa.gov/ndfd/. For more information on the workshop, contact Andy Horvitz at (301) 713-1858 x 166 (Andy.Horvitz@noaa.gov) or John Simensky at (301) 713-0463 x 150 (John.Simensky@noaa.gov).

• **The AMS 23rd Conference on Severe Local Storms will be held 6-10 November 2006 at the Adam's Mark Hotel in Saint Louis, Missouri.** For more information, go to Web site: www.ametsoc.org/meet/fainst/23SLS.html.

• **87th AMS Annual Meeting will be held 14-18 January 2007 at the H. B. Gonzalez Convention Center in San Antonio, Texas.** Meeting information is located at www.ametsoc.org/meet/annual/index.html. Preregister by 1 December 2006 for discount rates.

• **The Pacific Northwest Weather Workshop will be held Friday and Saturday, 2 and 3 March 2007, at the NOAA Western Regional Center campus at Sand Point in Seattle, Washington.** This annual conference, sponsored by NOAA's National Weather Service, the University of Washington, and the Puget Sound Chapter of the American Meteorological Society, covers recent developments in weather forecasting and observational technologies, major weather events of the past year, and topics dealing with Western U.S. meteorology. The 2007 meeting will be open to all topics dealing with Northwest weather and climate. It will start Friday, 2 March at noon and will continue through the day on Saturday. These are tentative times and will be updated and finalized dependent upon the final number of submissions. Registration will be \$30 for regular attendees (\$15 for students) and will include lunches, afternoon and morning refreshments, and a pre-print volume. We will also have a Friday evening banquet (for an additional charge) and special presentation, with details to be announced at a later date.

Pre-registration is requested for all attendees. You can check for the latest information and register on-line via Web site: www.atmos.washington.edu/~cliff/PNW2007.html. Please submit abstracts for oral presentations and posters in text, Word or WordPerfect format - no PDF please. **ABSTRACTS MUST BE RECEIVED BY 15 January 2007.** Please include the title, author's name and author contact information. Poster presentations are welcome and will be displayed throughout the meeting and during a special poster session. Poster presenters will be encouraged to be available during breaks and before/after sessions to answer questions. Please send abstracts to Cliff Mass, at the e-mail address shown below. For more information contact: Brad Colman/Kirby Cook, NWS Forecast Office, 7600 Sand Point Way NE, Seattle, WA 98115 (206.526.6095x224/222, brad.colman@noaa.gov or Kirby.Cook@noaa.gov), or Clifford Mass, Dept of Atmospheric Sciences, Box 351640, University of Washington, Seattle WA 98195 (206.685.0190, cliff@atmos.washington.edu).

• **The 32nd Annual Northeastern Storm Conference will be held 9-11 March 2007 in Springfield, Massachusetts.** It is sponsored by the Lyndon State College Student Chapter of the AMS and NWA. Monitor the following Web site for more information: apollo.lsc.vsc.edu/ams/index.html.

• **The 2007 National Storm Conference sponsored by the Texas Severe Storms Association (TESSA) will be held on 10 March 2007 in Colleyville, Texas.** Information about this upcoming conference will be posted on the TESSA Web site at: www.tessa.org.

• **The 2007 Severe Storms and Doppler Radar Conference sponsored by the Central Iowa Chapter of the NWA will be held 22-24 March 2007.** The Chapter Web site is at: www.iowa-nwa.com.

NWA 31st ANNUAL MEETING UPDATE and PREREGISTRATION FORM

The National Weather Association's 31st Annual Meeting will be held from 14 – 19 October 2006 at the InterContinental Hotel, 9801 Carnegie Avenue, Cleveland, Ohio.

- **14 October: Fifth Annual Golf Outing** to benefit the NWA Scholarship Fund starts with lunch on Saturday afternoon at a Golf Course in Cleveland. On site registration begins at the NWA Information/Registration desk at the meeting hotel. (pg 2)
- **15 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.
- **16-19 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. **A reception will be held in the Rock and Roll Hall of Fame and Museum on Monday evening, 16 October (pg 2). The Annual Awards Luncheon will be on Wednesday, 18 October.**

The Annual Meeting Program Committee Chairperson is: Theresa Rossi, NWA past-president (1994) and NOAA/NWS Weather Forecast Office MIC, 192 Shafer Road, Moon Township, PA 15108; Theresa.Rossi@noaa.gov. 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: (434) 296-9966 or e-mail: NatWeaAsoc@aol.com. **The Annual Meeting Agenda is on the NWA Web site (www.nwas.org) and in the July/August Newsletter.**

HOTEL INFORMATION: The InterContinental Hotel at 9801 Carnegie Avenue, Cleveland, Ohio 44106, is a full-service hotel. Information can be viewed at Web site: www.ichotelsgroup.com/h/d/ic/1/en/hd/clehajust. Hotel rooms were sold out early, but cancellations may occur. To reserve a room, please call the InterContinental Hotel at 216-707-4000 or 1-877-707-8999. You can also ask the reservation agents for possible rooms at the InterContinental All Suites Hotel.

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 16-19 October includes the Awards Luncheon on Wednesday and the Rock and Roll Hall of Fame and Museum reception on Monday evening.

THE PREREGISTRATION FEES payable to the NWA by 6 OCTOBER 2006* are:

- **For 15 October, Broadcast Meteorology Workshop:** \$70 for NWA members and presenters (student and retired members \$40); \$95 for non-members (student and retired non-members \$65). This includes exhibits and Tape Swap.
- **For 16-19 October, Annual Meeting sessions/activities:** \$170 for NWA members and presenters (student and retired members \$100); \$215 for non-members (student and retired non-members \$130). This fee includes the Awards Luncheon on Wednesday and the reception at the Rock and Roll Hall of Fame on Monday evening.

Special one-day rates for each day during the period 16-19 October (for those that cannot attend the entire conference) are: \$60 for NWA members and presenters (student and retired members \$40); \$80 for non-members (student and retired non-members \$60). Day rates do not include the Awards Luncheon or the reception at the Rock & Roll Hall of Fame. Extra tickets for the Awards Luncheon and the Reception at the Rock & Roll Hall of Fame are available.

To preregister, please copy this form and mail it with full payment of fees by 6 October 2006* to: NWA Meeting, 1697 Capri Way, Charlottesville VA 22911-3534 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/nwa06mtg.html

Name (for nametag): _____

Street Address: _____

City/State (for nametag) /Zip Code: _____

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

Telephone and e-mail address: _____

Arrival Date at meeting: _____ Departure Date from meeting: _____

Preregistration fees: \$_____ Golf Outing fee (\$90): \$_____ Number of extra Awards Luncheon tickets (\$30 each): _____

Number of extra Rock & Roll Hall of Fame reception tickets (\$15 each) _____ Total Amount Enclosed: \$_____

Circle all applicable 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 I'll attend the Rock & Roll Hall of Fame reception

***Registration Fees after 6 October will be: \$10 more each day (\$5 for students), and \$25 more for the period 16-19 October.**

LOCAL CHAPTER NEWS

The **High Plains Chapter** of the NWA met on Tuesday 18 July 2006 in Hays, Kansas. Lunch was served at noon, followed by a short business meeting, then by an engaging presentation by Dr. John Heinrichs of Fort Hays State University (FHSU). This gathering drew 32 interested parties from various parts and professions within Kansas and Nebraska. This was by far the largest attendance at a chapter meeting in years, and four new members joined the chapter that day!

Dr. Heinrichs' presentation, "Can the recent increase in reported tornadoes in Kansas be attributed to demographic changes?" was well received and generated plenty of discussion. Samuel Lane, a FHSU student, did much of the research and compiling of this paper, and was present at our meeting. Through a very thorough approach, Dr. Heinrichs showed statistically that the recent increase in tornado reports couldn't be directly related to the increase in population over the same time period. A link will be provided to our Web site soon referencing this paper by Dr. Heinrichs and Sam Lane.

Jim Johnson (Dodge City) gave a status update on plans for the High Plains conference coming up on October 4-6, in Dodge City. An exciting and stimulating conference is shaping up, with three keynote speakers scheduled. They are Dr. Paul M. Markowski, Pennsylvania State University; and Dr. David M. Schultz and Dr. Erik Rasmussen both from CIMMS/NSSL/OU. All conference information, including registration, can be found via our Web site: www.highplains-amsnwa.org.

- Tim Burke, Secretary

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Tel/FAX: (434) 296-9966; e-mail: NatWeaAsoc@aol.com

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Submit newsletter items directly to: Editor NWA Newsletter, at nwanewsletter@nwas.org or to the NWA office. Material received by the 5th will be considered for that month's issue. If submissions are not received, the Newsletter may be delayed.

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

14 October – NWA Fifth Annual Golf Outing
Cleveland, OH (pg 2 & 7)

14-19 October – NWA 31st Annual Meeting,
Cleveland, OH (pg 7)

25-27 October – Northern Plains Winter Storm Conference
Saint Cloud, MN (page 6)

28 October – Seventh New England Weather Conference
Brookline, MA (pg 6)

Please see **MEETINGS** on page 6 for additional information.

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

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