

PRESIDENT'S MESSAGE

by Steve Weiss

It was a great pleasure for me this month to sign and send letters of congratulations to our three \$1000 scholarship winners. **Zachary Byko** was selected for the Arthur C. Pike Scholarship, **Daniel Chavas** received the David Sankey Minority Scholarship, and **Michael Kurz** won the AccuWeather, Inc., sponsored scholarship. Read more about these outstanding students on page 3.

Over 50 students applied for the NWA scholarships and the competition was great. It is heartwarming to see the tremendous talent in our colleges/universities that will soon contribute to operational meteorology and related activities. To all those students that applied, I thank you and send best wishes for good health, happiness, and success in your studies and career plans.

Next year we will be adding a fourth scholarship. At the midyear meeting of the NWA Council, we looked at the funds coming in from the annual golf outing and raffle that are held at the Annual Meeting. Thanks again to Betsy Kling, who has been organizing that fundraising effort for four years now, there are sufficient funds to support another scholarship. This new scholarship will be specifically for undergraduate students majoring in broadcast meteorology.

I was hoping to be able to congratulate another student this month and award him/her with a \$500 grant for the best undergraduate paper on meteorological satellite applications. But, we didn't receive any submissions. We would appreciate hearing from professors and students on how we can make this annual **Meteorological Satellite Applications Award** more attractive. Questions to explore include: *Are remote sensing courses primarily focusing on Doppler radar rather than satellite techniques, are students not interested in weather satellite applications, and are undergraduates less engaged in conducting research studies and writing research papers than in previous years?*

It is with mixed emotions that I see many applications coming in from K-12 teachers for the **Sol Hirsch NWA Education Fund grants**. The closing date is 1 August for applications for these \$500 grants. It is great to see the applications coming in, but unfortunately the seven to

at most nine grants we'll provide this year look small in comparison to the need expressed by teachers. I urge all members to please take every opportunity to help teachers in your community increase the knowledge of children in weather topics and related sciences.

I received a great report from the **Annual Meeting Program Committee**. Jim Moore, Chuck Graves and Bryan Karrick informed me that well over 100 abstracts were received for the 30th Annual Meeting. Thanks to all who submitted abstracts and volunteered to assist in the Broadcaster Workshop. The Program Committee members are busily putting the agenda together and anticipate having a preliminary schedule up on the NWA Web site by the end of July.

On page 8, please see the meeting hotel information and the preregistration form and plan on making your reservations early for what will be a great anniversary event – a tremendous learning opportunity. This year we will also provide the capability of preregistering online with a credit card. Attendees can register at the meeting, but preregistering can save you money and allow the meeting organizers to plan ahead more accurately.

Finally, I am very pleased to report that the NWA Council accepted a remarkably thorough and well-thought out **implementation plan from the Strategic Planning Committee**, spearheaded by Frank Brody and Fran Holt. This new implementation plan provides a detailed roadmap focusing on the reaffirmed 11 strategic goals that will guide the association activities over the next 5 years. At the midyear meeting, Council members were assigned to small groups for each goal to determine optimal ways to address prioritization of activities, timelines, and required resources in order to begin actions on new initiatives as soon as possible. This is an exciting time for the NWA, and more information about the new projects based on the implementation plan will be forthcoming as the Council member recommendations are provided to me over the next few months.

In considering new initiatives, we also want to remember the past and ensure we stick to the right path. On page 7, a short article asks members to submit anecdotes and comments about the past 30 years. Please give the request your full consideration. We'd love to hear from you — and also see you in Saint Louis at the 30th Annual Meeting! - S. Weiss (president@nwas.org)

BROADCAST COMMITTEE NEWS

As the weather patterns become a little more tranquil over the summer, it's a good time for me to work on some important issues facing the NWA Broadcast Meteorology Committee. It's not that I don't take care of business during the rest of the year, but with critical ratings periods during November, February and May, numerous school presentations, big winter storms, etc., my focus shifts to day-to-day weather duties. Now I can relax, have a cool drink and think about the big picture – and there is a lot to think about. Thankfully, I have an excellent, experienced team to help me on the Broadcast Meteorology Committee and the Subcommittee on Standards and Ethics – and we have tackled many pressing topics over the past year.

My term as Broadcast Meteorology Committee Chairman ends later this year, and we are completing two major goals that will affect all broadcasters who have the NWA Seal, or are working toward it. First, **we approved a new Seal test that will go into circulation for Seal applicants later this year.** It has 100 questions, is a little more difficult and much more advanced than the old one, and deals more with radar and satellite imagery as well as weather analysis and forecasting. It has taken time to work through the questions, format, logistics, and validation, but it's almost finished, and I couldn't be more proud of such a significant achievement in the committee.

The second step forward is a revamping of the NWA Seal of Approval Qualifications and Procedures. **We are more clearly defining the steps involved in applying for and maintaining the NWA Seal.** So much has changed that it was time to modernize the procedures. For example, we used to accept only video and audio tapes from Seal applicants. However, with digital video and non-linear editing becoming the norm, we need to be ready for CDs, DVDs and other forms of media storage for viewing weathercasts. Tapes will be a thing of the past before we know it. Furthermore, we have better defined the conferences, college courses, online education and more that are required for recertification. We also have a way to convert the hours spent at conferences, on courses, etc., into Continuing Education Units (CEUs). Ten CEUs will be required every three years to recertify, and you will see the specifics published in print and online at www.nwas.org before the end of the year.

A new test, more detailed procedures, and a better way to handle recertification are huge hurdles to take on – but we did along with working with the NWA Council on policy statements. My final task is to find a fun restaurant in Saint Louis for the Broadcasters' Dinner in October. Much has changed in the 5 years I have headed the Broadcast Meteorology Committee, and I will miss the role of Chairman, but I will still be involved as the "Past Chair" for the next three years. These articles will likely continue, so I am not disappearing altogether – and I hope to see a big turnout at the Annual Meeting this October! Send comments to me at rapuzzo@fuse.net.

- Rich Apuzzo, Broadcast Meteorology Committee Chair

NOAA-18 IN ORBIT

On 20 May 2005, at 3:22 a.m. PDT, the NOAA-N polar-orbiting environmental satellite was launched by NASA from Vandenberg AFB, California, aboard a Boeing Delta-II launch vehicle, and was renamed NOAA-18 once it reached orbit. Within hours after launch, the first visible image was successfully produced.

NOAA-18 begins a new era in the monitoring of Earth from space. It is the first in a series of spacecraft designated as part of the Initial Joint Polar System (IJPS). The IJPS, initiated in 1998 through an agreement between NOAA and the European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT), will provide for the collection and exchange of polar satellite data between the two agencies. The IJPS stipulates that NOAA will provide two afternoon (1400 LST ascending orbit) spacecraft (NOAA-N and NOAA-N' that is scheduled to be launched in December 2007), and EUMETSAT will provide a series of three morning spacecraft (0930 LST descending) beginning with the first Metop launch in 2006.

In addition to the normal suite of imaging and sounding instruments, NOAA-18 has a new Microwave Humidity Sounder (MHS) provided by EUMETSAT. The MHS will provide high resolution (16 km) retrievals of precipitation rate, as well as profiles of moisture, cloud water, and ice water equivalent that will have a positive impact on global numerical model forecasts. For further information on NOAA-18, please see Web site: www.noaanews.noaa.gov/stories2005/s2442.htm.

- NWA Remote Sensing Committee

MEMBERSHIP STATUS

In early June, **Final Notice** dues invoices went out to all members who had not renewed their individual membership for 2005 by that time. Members who do not pay dues by 15 July will be dropped from membership. This will be the last newsletter for those members not renewing for 2005. Members who have the NWA Seal of Approval will also have their Seal revoked due to nonpayment of dues or for not completing recertification every three years.

Submit news items to the NWA Newsletter
via e-mail to:
nwanewsletter@nwas.org

NWA SCHOLARSHIPS AWARDED

The 2005 NWA Arthur C. Pike Scholarship in Meteorology is awarded to Zachary M. Byko of West Hartford, Connecticut. This \$1,000 scholarship will assist Mr. Byko as he enters his senior year later this summer at The Pennsylvania State University, University Park, Pennsylvania. Mr. Byko became fascinated with weather at an early age, developed a passion for learning more about weather as he matured, and forecasting the weather quickly became a hobby that he intends to make a career of. He began passing on his knowledge to others while in high school. During summer breaks he volunteered at a science center near his home. In college he interned in radio and television stations and became very involved with the Campus Weather Service becoming President this past year. He has been active in the local AMS chapter and participated in the National Collegiate Weather Forecasting Contests. For the past two semesters, Zachary excelled as a teaching assistant in the introductory courses to meteorology and non-meteorology majors, a task normally for graduate students. He also is a full time honors student. His professors indicate that he has the potential for earning a PhD while serving others with his teaching and weather forecasting talents.

The NWA Education Committee received 33 applications for the Arthur C. Pike Scholarship from students at 21 colleges/universities. Best Wishes to all individuals that applied. Congratulations again to Zachary Byko!

The 2005 NWA David Sankey Minority Scholarship in Meteorology is awarded to Daniel R. Chavas of Fitchburg, Wisconsin. This \$1,000 scholarship will assist Mr. Chavas as he enters his junior year later this summer at the University of Wisconsin – Madison. To Mr. Chavas, everyday is a great weather day to enjoy and learn more about the atmosphere at work. He states up front that he doesn't want to become "your local weatherman". He is more interested in the mathematical and scientific foundation of meteorology, majoring in applied mathematics and meteorology. His passion is associated with the understanding that even simple improvements in the field of meteorology can create a better understood and perhaps safer world in which we can live. Based on his own comprehensive proposal, he recently won a University of Wisconsin - Madison Hilldale Research Award which will support him through the summer while he conducts an undergraduate research project. He also received the opportunity to attend the NCAR Undergraduate Leadership Workshop in June 2005. His professors marvel at his drive to understand nature, his ability to lead and assist others in the difficult curriculum, and his great potential for success in graduate study.

The NWA Education Committee received five applications for the third year of this annual scholarship opportunity. Applications came from students at five colleges/universities. Best Wishes to all individuals that applied and congratulations again to Daniel Chavas!

The 2005 NWA AccuWeather Undergraduate Scholarship in Meteorology is awarded to Michael E. Kurz of West Allis, Wisconsin. Thanks to the generosity of AccuWeather, Inc., this \$1,000 scholarship will assist Mr. Kurz with his tuition at the University of Wisconsin – Milwaukee. Michael has always been fascinated with weather and developed

an early passion to learn more about the atmosphere. He has paired his academic work with practical training as a storm spotter, being an active member in the University's atmospheric science club and working as an intern for a television broadcast meteorologist. Witnessing television weathercasters providing information to the public in a number of severe weather situations has shown him the importance of this service to the community. He hopes to be involved in weather forecasting and broadcasting after building his knowledge of atmospheric sciences and mathematics through graduate school. His professors confirm that he has remarkable academic strength as also indicated by his induction into multiple Honor Societies and a high overall GPA.

The NWA Education Committee received 18 applications for the NWA AccuWeather Scholarship from students at 12 colleges/universities. Best Wishes to all students that applied. Congratulations again to Michael Kurz!

AIRMASS 2005 RECAP

The AMS/NWA Wichita Chapter held its first ever Air Capital's Mid America Storm Symposium (AIRMASS 2005) on 14-15 April 2005 at the Radisson Broadview Hotel in Downtown Wichita, Kansas. Over the two days, the 88 attendees listened to presentations, which included severe weather case studies, severe weather tools, and new techniques that can be utilized in the Central Plains. Highlights included:

- A 50-Year commemoration of the devastating 25 May 1955 Udall tornado with color images from the scene.
- Presentations about the history of spotter training since the Udall tornado.
- A night at the Kansas Cosmosphere in Hutchinson, Kansas, which included, a presentation from Hugh Christian of the NASA Global Hydrology and Climate Center about "real time lightning data" (thunder.msfc.nasa.gov) from space. By the way, *The Lightning Capital of the World is in the Congo, Africa* (<http://thunder.msfc.nasa.gov/data/query/2004/mission.png>). Besides the dinner and museum tour, the attendees were treated to a private screening of the IMAX film "Forces of Nature".
- Discussions, sometimes lively, were held about the future of severe weather warning programs, with presentations from the National Weather Service, the private industry (WeatherData Inc.), and local media outlets (KSN-TV and KWCH-TV).

Pictures from this meeting can be found at Web site:
<http://www.wichita-amsnwa.org/index.php?display=conference>.

- Brad Ketcham, AMS/NWA Wichita Chapter



4th Annual NWA Golf Outing
Saturday, October 15

Stonewolf Golf Club

Fairview Heights, IL
(a Jack Nicklaus signature course)

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

\$90

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

Contact Betsy Kling to reserve your spot!
betsykling@wkyc.com

MEMBER NEWS

Two NWA members, Miles Lawrence and Jim Lushine, were honored on April 11, 2005 with an article in the *Miami Herald*. The shortened news article about their retirements is reprinted here with permission from reporter, Martin Merzer.

A CHANGE IN THE WEATHERMEN by MARTIN MERZER

As if we don't have enough on our minds as the hurricane season approaches, it turns out that the dean of hurricane forecasters and South Florida's weather warning coordinator are retiring.

So, how will we get through the mean season without Miles Lawrence and Jim Lushine? "You'll do just fine without me," said Lawrence, 66, of Kendall, who is leaving the National Hurricane Center on May 1 after 39 years as a lead forecaster. His departure deals a blow to colleagues who rely on his experience and scientific precision - and enjoy playing practical jokes on the self-admitted "neatnik."

"Somebody better and probably smarter than I am will do this," said Lushine, 60, of Pembroke Pines, who will retire from the National Weather Service this summer after 42 years of service. His exit dims the outlook for South Floridians who depended on his advice - and for reporters who always could count on him for a colorful quote.

Among Lushine's all-time greatest hits is this comment in September 2001 about two new robotic weather radio voices, "Craig" and "Donna", stored in his computer:

"No hanky-panky in there. We'll have to watch out for that. We don't want a little El Niño running around in there." Few people ever accused Lawrence of being overly colorful during his long tenure at the hurricane center. Economical of word, lean of build, bushy of eyebrow, Lawrence is known for his rigorous adherence to scientific data, his deep knowledge of computerized forecasting models and his terse, well-reasoned forecasts and explanations.

"I know every forecaster's record, and they're all pretty closely bunched, but Miles is No. 1," said Max Mayfield, the hurricane center's director. "He was definitely No. 1 in the Atlantic [hurricane basin] in 2004."

"He's a man of a few words. He just sits there and turns the crank." After cleaning up the area, that is. Lawrence is a neatness freak. Said Mayfield: "In the lunch room, if I knew he was coming in, I would move the table just the smallest little bit, and sure enough, he would always move it back."

No question about it. All of the blue pencils here, all of the red pencils there. A plastic Publix grocery bag insulates the waste basket in Lawrence's office. During the hurricane season, before he began a shift, he often emptied the garbage cans in the forecasting room.

He laughs about that now. "Well, the place is a mess," he said. "So I've been seen on TV during the 11 o'clock news by my children, emptying trash cans. 'There's my father,' they say. 'The janitor.'"

HIGH ACTIVITY: Lawrence has seen it all - moving from the days of teletype communications to the Internet, from periods of low hurricane activity to the current period of high activity.

Last season - with its 15 named storms, including nine hurricanes, four of which struck Florida - was really quite

enough. Lawrence already knew it would be his last, and he was glad of it.

"I think I said my goodbyes during that season." Lawrence said. "It was really a difficult season, so it made it easy to say goodbye because we were working so hard."

He and Lushine are based in the same West Miami-Dade building on Florida International University's main campus. The building is shared by the National Hurricane Center and the South Florida office of the National Weather Service.

Lushine's official title is "warning coordination meteorologist." Tall, articulate, always available, his task is to advise South Floridians of long-term and immediate weather dangers.

During the season, if Lawrence or another hurricane specialist predicted that a storm was heading in the region's general direction, Lushine issued the specific predictions - this much rain, that much wind - for South Florida.

LONG-RANGE DATA: In particular, Lushine is known for his long-range climatological research, studies that have substantially reduced local deaths caused by riptides and brought greater attention to the dangers posed by lightning.

In addition, he may have found a link between rain in May and the chances of hurricanes striking South Florida. Atmospheric conditions that produce rainy Mays seem to be associated with fewer storms in this area; relatively dry Mays are associated with more storms in or near South Florida.

Yes, last May was very dry. "I see a merging of very long-range climate predictions with the very short-range day-to-day forecasts," Lushine said.

"So you actually could have continuous forecasts that will go out a year or more in advance." Both men have devoted their lives to public service - working on weekends, holidays, overnights - to sound the alert about hurricanes and other dangerous weather. And, both shrug when asked about that.

"Golly, that's a hard one," Lawrence said. "I feel good about having worked here all these years, but I don't feel that I've made some sort of unusual sacrifice in the name of serving my country. I just feel like I've had a great job and I've been surrounded by great people."

"It's been a rewarding experience, no question about it," Lushine said. "I feel a sense of importance in being able to provide services that nobody else can."

NEWCOMERS: Both will be replaced, Lawrence by someone who will join the five other lead hurricane forecasters, Lushine by someone who will take over his public outreach responsibilities.

For Lushine, retirement will bring travel with his wife and lots more time on the golf course. Lawrence, an accomplished trumpet player, plans to spend more time rehearsing with several bands and orchestras, and more time with his wife, who also is retiring.

Oh, he also is assembling an e-mail list of people who might want to know if and when he is putting up his hurricane shutters.

For the most part, though, both will be sidelined - enjoying their well-earned rest - during this and all future hurricane seasons.

"Somehow," Mayfield said, "we're going to have to get along without Miles Lawrence and Jim Lushine." □

As with most retiring operational meteorologists, Miles and Jim will still be there in the techniques used by the many they mentored. Ex. Dir.

MEMBER NEWS continued

Pat Michaels has departed his chief meteorologist position at WLNS in Lansing, Michigan and moved back to Florida where he previously spent 15 years at WKMG in Orlando. He is now in public relations for Florida Blood Banks. He also authored a children's book, *W is for Wind: A Weather Alphabet* published by Sleeping Bear Press. Pat earned his NWA Seal in 1990.

◀ IN MEMORIAM ▶

Glenn R. Justema passed away on April 29, 2005, in Alexandria, Virginia at the age of 88. Glenn may be best known to NWA members for his great service as NWA Treasurer from 1984 through 1992. Residing near the NWA office at that time in Temple Hills, Maryland, Glenn would drive over and voluntarily help Executive Director, Sol Hirsch, two or three times each week. Glenn monitored the income, made the bank deposits, wrote the checks, took care of the payroll chores and IRS forms and ensured that the NWA financial records were thorough and complete. Glenn retired from his operational meteorology career in 1972 while assigned to the National Environmental Satellite Service (NESS). He began service with the US Weather Bureau in 1940 as a Weather Observer in Muskegon, MI. From 1942 to 1946 he was in the Army Air Force, completing the Enlisted Weather Forecaster course in 1943. He also served in the US Air Force in 1951-52. He received a BS in mathematics from Michigan State University in 1948 and an MS in meteorology from the University of Michigan in 1958. After serving at a number of stations and positions with the Weather Bureau, he transferred to NESS in Suitland, MD in 1960. He is survived by his wife of 53 years, Daphne Justema; a daughter, Joyce J. Brooks and her husband, Roger; and a granddaughter Cory Brooks. Funeral services will be held at Fort Myer Old Post Chapel on Tuesday, September 13th at 11 a.m. Inurnment will be in Arlington National Cemetery Columbarium. In lieu of flowers, contributions may be made to: Immanuel Bible Church, 6911 Braddock Rd., Springfield VA 22151.

MEETINGS OF INTEREST

• **Weather & Climate Enterprise Community Meeting on the Future of the U.S. Weather Prediction Enterprise will be held 26-28 July 2005 at the University of Colorado Centerplate Conference Center in Boulder, CO.** It is organized by the American Meteorological Society in partnership with the Weather Coalition, with financial support provided by the AMS Commission on the Weather and Climate Enterprise, the National Center for Atmospheric Research, and the following members of the Weather Coalition: the University of Oklahoma, the University Corporation for Atmospheric Research, The Weather Channel, and the Reinsurance Association of America. For more complete information, see Web site: www.dtcenter.org/events/wxprediction2005.php

• **21st Conference on Weather Analysis and Forecasting & 17th Conference on Numerical Weather Prediction**, sponsored by the AMS will be held **1-5 August 2005, at the Omni Shoreham Hotel in Washington, D.C.** Information is posted on Web site: www.ametsoc.org/AMS. NWA is a cosponsor.

• **The Ninth Annual High Plains Conference will be held 5-7 October 2005 in North Platte, Nebraska.** The High Plains Chapter of the AMS/NWA sponsors it. **Abstracts must be submitted no later than 30 July 2005 to:** Ninth High Plains Conference Committee, National Weather Service, 5250 E. Lee Bird Drive, North Platte, NE 69101; e-mail: Christina.Hannon@noaa.gov, Tel: 308-532-0921, Fax: 308-532-9557. As in previous years, *the High Plains Chapter will hold a Student Paper Competition for the best student paper describing research related to Plains weather.* For further information concerning this competition or on conference lodging, facilities, presentation equipment, etc., please see the Chapter Web Page www.highplains-amsnwa.org, or contact the Ninth High Plains Conference Committee listed above.

• **NWA's 30th Annual Meeting will be held 15-20 October 2005 at the Adam's Mark Hotel in Saint Louis, Missouri.** See page 7.

• **The Fifth Annual Symposium of the Atmospheric Sciences will be held on the 28-29 October 2005 at the Four Points Sheraton in Greensburg, PA.** The Three Rivers Chapter of the NWA sponsors it. For further information or to participate, please contact Chad Kauffman (Kauffman@cup.edu). For specific details on submitting abstracts, contact Dr. Swarndeeep Gill (gill@cup.edu).

• **The Sixth Southern New England Weather Conference will be held Saturday, 5 November 2005. The conference will be held at the facilities of the Dexter and Southfield Schools and the Clay Center Observatory in Brookline, Massachusetts.** It is cosponsored by the Southern New England NWA Chapter. The conference will feature a wide variety of topics, with special guest speakers from across the country. The conference will focus on Operational Climate Forecasting, as well as education. A number of speakers have been confirmed for the conference and are listed on the Conference Web site at: www.sneweatherconf.org/. In addition to the Weather Conference events, a *Weatherfest* featuring many hands-on weather activities for weather enthusiasts of all ages will be hosted the same day by the Blue Hill Observatory and Dexter-Southfield Schools. There will be kite making and flying, live weather displays and exhibits, and other activities. This family event will be open to the public during the conference.

• **The Pacific Northwest Weather Workshop will be held Friday and Saturday, 3-4 March 2006, at the NOAA Western Regional Center campus at Sand Point in Seattle, Washington.** This annual conference, sponsored by NOAA's NWS, the University of Washington, and the Puget Sound AMS Chapter, 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 2006 meeting's theme is *Climate, Climate Change, and Weather of the Pacific Northwest***, and abstracts regarding the theme are encouraged. Registration will be \$30 for regular attendees (\$15 for students) and will include lunches, afternoon and morning refreshments, and a pre-print volume. A Friday

evening banquet will also be scheduled for an additional charge. Preregistration is requested for all attendees. Check for the latest information on the meeting and preregister at Web site: www.atmos.washington.edu/~cliff/PNW2006.html. **Abstracts must be received by 1 January 2006.** Please submit abstracts for oral presentations and posters in text, Word or WordPerfect format - no PDF please. 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. Please send abstracts to Cliff Mass at cliff@atmos.washington.edu. For more information contact: Brad Colman/Chris Hill, NWS Forecast Office, 7600 Sand Point Way NE, Seattle, WA 98115; 206-526-6095 x 224/222; brad.colman@noaa.gov or chris.hill@noaa.gov, or Clifford Mass, Dept of Atmospheric Sciences, Box 351640, University of Washington, Seattle WA 98195; 206-685-0190; cliff@atmos.washington.edu.

• **Fourth GOES-R Users' Conference will be held at the Omni Interlocken Hotel in Broomfield, Colorado, from 1-3 May 2006.** Information will be posted on Web site: www.osd.noaa.gov/announcement/index.htm.

• **Air Weather Association Reunion will be held at the DoubleTree Hotel & Executive Meeting Center in Omaha, Nebraska from 10-14 May 2006.** For more information see Web site: www.airweaassn.org or e-mail airweaassn@aol.com.

HURRICANE PREPARED?

A recent press release from The National Hurricane Survival Initiative (www.hurricanesafety.org) indicated that not all residents in hurricane prone areas are prepared for threats posed by tropical systems.

A few excerpts from the press release follow. To read the entire article and the survey taken, see Web site: <http://hurricanesafety.org/news.shtml>.

The public opinion survey conducted in April in 12 hurricane-vulnerable states from Texas to Maine revealed that many residents of the East and Gulf Coasts of the United States don't sense danger in the upcoming hurricane season and don't plan to take even the simplest steps to protect themselves, their families and their homes.

The poll conducted by Mason-Dixon Polling & Research, Inc., of Washington, D.C. telephone-interviewed 1,100 adults in coastal states from Texas to Maine April 20-26.

One in four of those polled said they would drive "as far away as possible, trying to outguess the storm." Because of the likelihood of gridlock, emergency management officials recommend arranging to stay, in advance, with the nearest friend or relative outside the evacuation area or going to the nearest shelter.

"Many victims of last year's storms are still living in temporary housing," said the Salvation Army's Major Steve Hedgren. "People need to make a disaster plan now!" *To help advise others, here are some Web sites for hurricane disaster planning. City or County Emergency Managers may have a Web site or pamphlet more applicable to specific locations.*

- hurricanesafety.org/
- www.nwas.org/links/tropical.html
- www.nhc.noaa.gov/HAW2/english/intro.shtml
- www.fema.gov/hazards/hurricanes/survivingthestorm.shtm

STATEMENT OF NWA INCOME AND EXPENSES FOR 2004

INCOME FOR 2004

Membership Dues	\$ 78,321.95
Donations:	
Sol Hirsch NWA Education Fund.....	4,513.00
General Fund Donations.....	8,060.00
Subscriptions.....	2,260.00
Publication Page Fees	3,390.00
Reprints.....	424.00
Radio-TV Seal Program	15,580.00
Publication Sales	191.00
Advertising Sales.....	60.00
Annual Meeting.....	45,176.10
Postage Reimbursement	89.00
Interest	6,428.48
Dividends.....	3,117.86
NWA logo items.....	773.00

Total Income	\$168,384.39

EXPENSES FOR 2004

Digest Printing.....	\$ 5,065.50
Digest Layout	2,521.84
Newsletter Printing.....	6,249.36
Reprints.....	210.00
NWA Seal of Approval certificates	336.00
Other Printing.....	1,953.49
Personnel Salaries.....	50,000.00
Temporary Help Fees	7,275.00
Taxes and Soc. Sec/Medicare.....	4,409.27
Payroll Management Fees	705.06
Postage and Shipping.....	23,085.26
Annual Meeting.....	32,121.60
Communications.....	2,470.02
Equipment and Maintenance.....	3,218.98
Office Supplies.....	2,314.05
Awards... ..	1,093.60
Scholarships & Grants.....	3,700.00
Education Fund Grants.....	3,500.00
Travel.....	8,460.16
Refunds	984.00
Insurance	1,847.17
Miscellaneous	989.61

Total Expenses.....	\$162,509.97

INCOME over EXPENSES \$ 5,874.42

This is a summary of the NWA's IRS Form 990 submitted in mid-May for nonprofit organizations exempt from federal income tax. Net fund balances at the end of 2004 were \$334,958.68. **THANKS** to the many volunteers and contributors who helped make this happen. Reserve funds have grown and will be able to fund more scholarships/grants, a larger paid staff in the future and support more initiatives.

- Exec. Dir.

POLL INDICATES MOST PEOPLE CHECK WEATHER ON TV

An AP/Ipsos Poll was released on 14 June 2005 and was printed in many newspapers across the nation. *The Washington Post* article by William Lester of the Associated Press on 15 June summarized the Poll. His paragraph that caught my eye was,

“Almost two-thirds said they had checked the weather forecast on the day they were surveyed. Television was, by far, the most popular source of weather information (used by seven in 10 who checked a forecast), followed by the Internet, newspapers and radio.”

Other results of the survey indicated statements about the faith people place in forecasts and some headlines were developed from those. But, with only 1,001 people surveyed, forecast verification wasn't very exacting.

Hats off to our TV weather broadcasters and the NWA Broadcast Meteorology Committee for wanting to continually improve the quality of Television weather broadcasting and the credibility of the NWA Seal of Approval.

- Exec. Dir.

Reminisce With Us!

The NWA was incorporated on 15 December 1975, so this year we are celebrating its 30th Anniversary.

Over the next few months, we would like to look back to see how far we have come as an organization, and how much operational meteorology and related activities have advanced.

Please send in any anecdotes or comments you would like to share about the past 30 years to nwanewsletter@nwas.org or the NWA office.

NWA Newsletter (ISSN 0271-1044)

Editor: Janice Bunting

Publisher: Kevin Lavin, Executive Director

Published monthly by the National Weather Association
1697 Capri Way, Charlottesville, VA (USA) 22911-3534
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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

15 July – Final date for membership renewal for 2005 (pg 2)

26-28 July – Future of the U.S. Weather Prediction Enterprise
Univ of CO Centerplate Conference Center in Boulder (pg 5)

1 August – Applications for Sol Hirsch Education Fund Grants due (See Apr/May Newsletter or NWA Web site)

1-5 August – 21st AMS Conference on Weather Analysis & Forecasting, Washington, D.C. (pg 5)

15 September – Reserve Annual Meeting hotel room by this date to receive NWA discount rate (pg 8)

5-7 October – Ninth Annual High Plains Conference in North Platte, NE (pg 5)

15-20 October – NWA 30th Annual Meeting, St. Louis (pg 8)

Please see **MEETINGS** on pages 5-6 for additional dates

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

NATIONAL WEATHER ASSOCIATION

1697 CAPRI WAY
CHARLOTTESVILLE VA 22911-3534

*Supporting and Promoting Excellence in Operational
Meteorology and Related Activities for 30 Years*

NWA 30th ANNUAL MEETING UPDATE and PREREGISTRATION FORM

The National Weather Association's 30th Annual Meeting will be held from 15 – 20 October 2005 at the Adam's Mark Hotel in Saint Louis, Missouri.

- **15 October: Fourth Annual Golf Outing** starts with lunch on Saturday afternoon at Stonewolf Golf Club in Fairview Heights, Illinois to benefit NWA scholarship fund. Exhibits begin setup at Adam's Mark Hotel. On site registration begins.
- **16 October: BROADCAST METEOROLOGY WORKSHOPS** will include special presentations and hands-on workshops appropriate to continuing education for weathercasters, but open to all interested. **Tape Swap Sunday evening** -- bring a vhs tape of one recent weathercast for discussion. Depending on the number of tapes submitted, a tape swap may also be held on Saturday night. Broadcasters will also meet for a no host dinner Monday evening after the Icebreaker.
- **17-20 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. An **Icebreaker** will be held in the exhibit area on Monday from 5:30-7:30 PM. **The Annual Awards Luncheon will be on Wednesday, 19 October.**

The Annual Meeting Program Committee Co-Chairs are: James Moore, Saint Louis University, 3507 Laclede Ave., Saint Louis, MO 63103; moore@eas.slu.edu, and Charles Graves, Saint Louis University, 3507 Laclede Ave., Saint. Louis, MO 63103; graves@eas.slu.edu. The Broadcaster Workshop Program Chair is Bryan C. Karrick, KCCI-TV, 888 Ninth Street, Des Moines, IA 50309-1288; bkarrick@hearst.com. Contact them with your suggestions and to volunteer to help with the program. 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.

HOTEL INFORMATION: The Adam's Mark Hotel is at 4th and Chestnut Streets, Saint Louis, Missouri 63102. It is a full-service hotel and just across the street from the Gateway Arch. The NWA discount room rates are \$99 plus tax for a single, double, triple or quad room. The discount rate will be honored three days before Group arrival through three days after Group departure. To reserve a room, please call the Adam's Mark Hotel at 1-800-444-2326 and request the group rate for National Weather Association. **Please reserve your hotel room NO LATER THAN 15 September 2005 to be able to obtain the NWA discount rate.** More hotel information is on Web site: www.adamsmark.com/stlouis/index.asp.

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, coffee/refreshment breaks and the Monday evening icebreaker.

THE PREREGISTRATION FEES payable to the NWA by 7 OCTOBER 2005 are:

- **For 16 October, Broadcast Meteorology Workshops:** \$65 for NWA members and presenters (student and retired members \$40); \$85 for non-members (student and retired non-members \$60).
- **For 17-20 October, Annual Meeting sessions/activities:** \$150 for NWA members and presenters (student and retired members \$80); \$180 for non-members (student and retired non-members \$100). This fee includes the Awards Luncheon on Wednesday.

Special one-day rates for each day during the period 17-20 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 \$55). Day rates do not include the Wednesday Annual Awards Luncheon.

Extra tickets for the Awards Luncheon on Wednesday are available at \$30 each.

To preregister, please copy this form and mail it with full payment of fees by 7 October 2005 to: NWA Meeting, 1697 Capri Way, Charlottesville VA 22911-3534 USA. Make payment to "NWA" in US funds by 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/nwa05mtg.html

Name (for nametag): _____

Street Address: _____

City/State/Zip Code: _____

Employer, School or other Affiliation: _____

Telephone and e-mail address: _____

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

Preregistration fees: \$ _____ Golf Outing fee (\$90): \$ _____ Your check number: _____

Number of extra Awards Luncheon tickets (\$30 each): _____ Total Amount Enclosed: \$ _____

Circle all applicable remarks: NWA member NWA local chapter member non-member Student Retired
Session Chair Presenter Program committee member Local Arrangements committee member

I will be bringing a tape for the Tape Swap I'll be available for Tape Swap on Saturday I'll be available for Tape Swap on Sunday