



# NWA NEWSLETTER

## INSIDE

Look Back at Our History.....	2
Beat the Heat.....	2
President's Message.....	3
In Memoriam: Dr. Jose Colon.....	3
1978 vs. 2000.....	3
NWA Scholarship Winners.....	4
New Members.....	4
Corporate and Members News....	4
Golf Outing.....	5
Annual Meeting Exhibit Space and Sponsorship Information.....	5
Climate Anomalies.....	5
40th Annual Meeting.....	6
Professional Development.....	7
COMET Announcement.....	7
New Seal Holders.....	8

## IMPORTANT DATES

August 12 – 13  
17th Annual High Plains Chapter Conference

August 25–27  
2015 Great Lakes Operational Meteorology Workshop

September 15  
Last day for discounted Annual Meeting registration and exhibit booth prices ([see page 6](#))

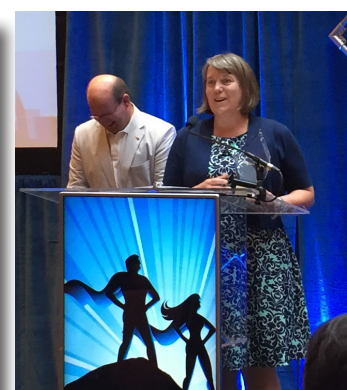
October 17 – 22  
40th NWA Annual Meeting ([see page 6](#))

*The NWA: Connecting operational meteorologists in pursuit of excellence in weather forecasting, communication and service.*

## NWA Executive Director Janice Bunting receives OSAE Association Professional of the Year Award

The National Weather Association's office staff are proud members of the Oklahoma Society of Association Executives (OSAE). Janice Bunting, the NWA's Executive Director, received the OSAE Association Professional of the Year Award at the 2015 OSAE Conference, held recently in Durant, Oklahoma. This award recognizes outstanding accomplishments in association management as well as significant contributions to the association community itself.

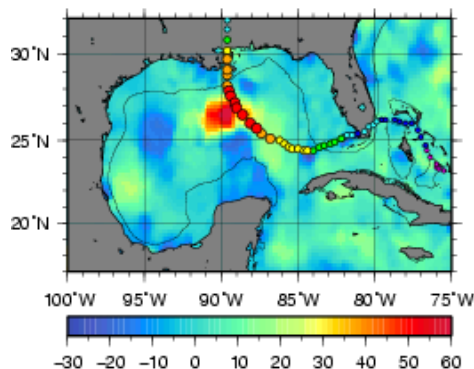
The NWA office is extremely proud of Janice and wish her congratulations on getting this prestigious award.



(Left) NWA Staff left to right, Hulda Johannsdottir, Janice Bunting, Hailey Wilson and Student Intern Grant Tosterud. (Right) Janice receiving the award from Mark Thomas.

## 10th Anniversary Hurricane Katrina Disaster Distress Hotline

It will be 10 years this August that Hurricane Katrina devastated parts of the Gulf Coast leaving many homes and lives in ruins. As this time approaches, victims of the disaster may be at risk of emotional stress and anxiety in wake of the anniversary.



Satellite altimetry-derived field of sea height anomaly (SHA) on August 28, 2005, in the Gulf of Mexico. The large values (red) of SHA in the center of the Gulf are indicative of the presence of a warm anticyclonic ring. The circles of different colors indicate the track and intensity of Hurricane Katrina. The isobath of 200m is superimposed.

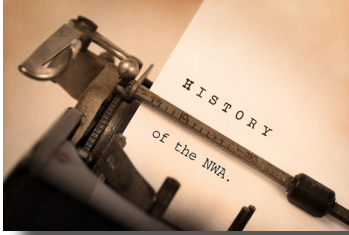
[Help the NWA promote the Disaster Distress Hot line](#) as the decade mark of Hurricane Katrina nears, and help those in need who are dealing with the emotional stress of the devastation.

**Have you registered for the 40th Annual Meeting yet?**



**Details on [page 6](#) including a link for online registration**

## A Look Back at Our Presidential History



*The National Weather Association is celebrating its 40th Anniversary this year, and we're taking a walk down memory lane. The NWA Office has reached out to past presidents and asked them for their most memorable or favorite moment from their time as NWA President.*

### David I. Knapp – NWA President 2006

My fondest memories as NWA President are of the fantastic support provided by the NWA leadership and Council to keep the organization moving ahead and keeping me on the right path. And of course, the enthusiastic support for operational meteorology by the entire membership could not then and cannot now be denied. Without such support, no NWA President can do the job successfully.

There were few events I characterize as major accomplishments from 2006. Finishing the Council's work to pass the Executive Director's leadership torch from Kevin Lavin to Steve Harned at the end of 2006 was a major highlight. Kevin provided superb support to all presidents and kept the NWA afloat and moving ahead through good and bad times. Steve picked up where Kevin left off and helped direct the NWA to new heights. It was a pleasure to work closely with those two talented leaders, and I tip my hat to them again and again for all of their contributions. I learned many lessons from both which I still apply today.



Additionally, great effort was made by Steve Harned, Kevin Lavin, the Publications Committee, and many others to eliminate the publishing backlog for the NWA Digest and Newsletter. By the end of the year, both were current, with three Digests published during the year.

Among my fondest less formal memories of the 2006 Annual Meeting in Cleveland were the rather cold conditions with lake effect snow showers during the golf tournament, which was followed later that week by the fantastic evening the membership shared at the Rock and Roll Hall of Fame. Then, as now, Betsy Kling pulled off these activities without a hitch!

On Sept. 1, a new law goes into effect in Texas requiring hospitals to educate parents and caregivers of newborns about the dangers of heatstroke. Hopefully their work will serve as a great template for other states!



<http://www.ktre.com/story/29466407/texas-law-requires-hospitals-educate-parents-on-dangers-of-heatstroke>  
and

<http://www.pediatricsafety.net/2015/07/texas-new-child-vehicular-heatstroke-law-what-it-means-to-me/>

### Bruce G. Thomas – NWA President 2013



Being elected to the office of President in the NWA is a true honor and privilege that comes with a 3-year commitment to the organization, serving as President Elect, President and Past President as part of the term.

During the beginning of my term as President Elect 2012, under NWA President Liz Quoetone, I truly learned about grace and strength under extraordinary personal circumstances. Liz was diagnosed with

breast cancer early in her term and started the rigorous treatment process. She had a wonderful support team of family, friends and colleagues and decided she would do her best to complete her term as NWA President.

Nine months into her term as NWA President, Liz's husband and high school sweetheart Walter, a proud Native American and Methodist minister, was stricken with a post-operative infection during a routine knee surgery. This illness would put him into a coma for several months that would eventually lead to his death. Liz, overwhelmed with concern for her husband and her own diagnosis, asked Executive Director Steve Harned to start a transition of leadership as she would not be able to attend the Annual Meeting in Madison.



*NWA Council Mid-Year Meeting June 2012  
Norman, Oklahoma.  
Wendy S. Abshire (left) and Liz Quoetone*

Wendy Abshire, serving as Vice President under Liz, was ready to step in and help run the organization assuming the required duties of the 2012 Annual Meeting. Steve Harned would have to consult the NWA bylaws on how to proceed. The bylaws (since changed) stated that the President Elect would step in to serve the remaining term of the President if he or she could not complete their term, so I was asked to complete the final three months of Liz's term and preside over the Annual Meeting in Madison.

After the initial shock of this news, Wendy and I (friends since our college days in the 1980s) decided that we would split the Presidential duties at the Annual Meeting and do our best to represent Liz's wishes. The Madison meeting was in major flux due to a U.S. government travel freeze which caused many of the speakers and attendees to be unable to attend. It was now imperative for us to work closely with the local planning committee, and executive staff to make sure the meeting was a financial and educational success.

It was my honor to work with these two great leaders, Wendy and Liz, on the Executive Board of the NWA and to be invited to Liz's memorial service on the first day of Spring 2014. She was a truly extraordinary leader, mentor and friend to so many in the National Weather Association and I know her caring spirit will live on in our organization for decades to come. Please consider visiting Liz's home state of Oklahoma for the [NWA's 40th Anniversary Meeting](#) (October 17 through 22) and donating to the [NWA Scholarship fund](#) that has been established in her honor.





## Break the Grip of the Rip

By Elizabeth Page

Recently, when I was reviewing one of our modules at COMET, I read the statistic that more people are killed in rip currents than in thunderstorms. While I've always been aware of the danger of rip currents, I was unaware of how deadly they are. I grew up near the coast in Los Angeles and was caught in a rip current as a teenager. I did not know to swim parallel to shore, but I did make it out of the water after eating a few very unpleasant waves and being pulled back out with them.



A great effort has been made to educate the public on this hazard. The "Break the Grip of the Rip" campaign has done much to help people realize the dangers of rip currents and how to take action to get out. Part of the challenge in preparing people for these situations is that the action to escape the current is counterintuitive to the immediate urge to just get to shore as quickly as possible.

Another helpful phrase to pass along is "wave and yell, swim parallel!" Growing up in Los Angeles, there were staffed lifeguard towers up and down the beach. When I lived in North Carolina, I was amazed by how much of the shoreline was not monitored by lifeguards. It is in these areas where swimmers, surfers and boogie boarders

need to be more aware of what is going on in the ocean. A well-informed, proactive public is needed to avoid the tragedy of drowning due to rip currents.

The [NWS has a very informative page on rip currents](#). If you work within an area subject to rip currents, you are likely very aware of the details of this hazard. For those of us in land-locked areas, reviewing the details of actions to take in rip currents is a good idea if you are planning to vacation at a shore.

# 1978 vs. 2000

“By 2000... we know that AFOS, and similar systems in the military services, will be in widespread use... It is likely that automatic stations and computers will have taken over virtually all human roles in observing...”

Read what forecasters in 1978 thought weather prediction would be like in 2000.

[Click to read the Weather Digest article](#)

## In Memoriam

### Dr. José Colón

The NWA mourns the passing of member Dr. José Colón José Ángel Pérez Colón, a researcher with the National Hurricane Research Project (NHRP) in the 1950s and 1960s, who passed away in early July.



He was born in Caomo, Puerto Rico, in 1921. He got his start in research while at the University of Puerto Rico during World War II, receiving his bachelor degree in mathematics and chemistry. He was hired to study the ionosphere's effects on long-range communications for the US Navy, and later began graduate studies at the University of Chicago, where he earned a Professional Certificate in Atmospheric Sciences in 1945, Master's degree in 1950 and doctorate in 1960 when he became the first Puerto Rican to obtain a PhD in the field. His professional career began at the Institute of Tropical Meteorology in Rio Piedras (1945-1946). He was an instructor in mathematics at the University of Puerto Rico (1946-1949). He eventually got a job as a forecaster with the Weather Bureau in San Juan (1954-1959). In late 1958, he met Bob Simpson who invited him to join the NHRP, then in West Palm Beach, Florida, and he moved with NHRP to Miami the next year.

In 1962, he volunteered for the International Indian Ocean Expeditions (IIOE), where he helped analyze and forecast monsoonal weather over the Indian Ocean basin. He remained in India until 1964. Upon his return, he became the Meteorologist in Charge (Director) of the San Juan Weather Forecast Office from 1964-1986, when he retired from federal service. After retirement, he had a special interest in climatology and genealogy. He is survived by his widow, Luisa and by sons José E. residing in San Antonio, Texas, and Olga V. Colón of San Juan.

[Reproduced by the NWA with permission from NOAA Hurricane Research Division.](#)

# NWA SCHOLARSHIP WINNERS

## 2015 Broadcast Meteorology Scholarship



Ryan Breton, Pennsylvania State University, is the winner of the 2015 Broadcast Meteorology Scholarship. The Broadcast Meteorology Scholarship is awarded based on evaluation by both the NWA Broadcast and Education Committees. Breton is going into his senior year and has a 3.63 GPA in his major – meteorology (Weather Forecasting and Communications Option).

Broadcast meteorology is his true passion and he is heavily involved with the Penn State Campus Weather Service. The past two summers, Breton has interned at WCVB in Boston. WCVB's Chief Meteorologist, Harvey Leonard, stated that Breton's "passion for weather comes shining through."

Runners up for the scholarship this year were Lynnette Grant from Valparaiso University and Mandy Bailey from the University

of Oklahoma. Lynnette and Mandy were awarded annual NWA memberships.

## 2015 Dr. Roderick A. Scofield Meteorology Scholarship

Robert Prestley from Pennsylvania State University is the winner of the 2015 Roderick A. Scofield Meteorology Scholarship. He was selected based on academic achievement, essay, need and recommendations from his professors. Prestley has a 4.0 GPA in his major of meteorology and is very involved with many activities on campus. His interests have been focused on the Emergency Manager Club and the intersection of meteorology with social science. The Education Committee reviewed 29 applications for this year's scholarship and was honored to recommend Robert Prestley. Rod Scofield would be pleased.

Runners up for the scholarship this year were Rod Truesdell from Mississippi State University and Elizabeth Lennartson from Iowa State University. Rod and Elizabeth were awarded annual NWA memberships.



## NEW NWA MEMBERS

### Regular Members

Stephen Ayers  
Chris Bianchi  
Brek Bolton  
Javier Castro  
Sheldon Drobot  
Eric Fisher  
Michael Haggett  
Jeffrey Halverson  
Chris Havelly  
Rhonda Lee  
Caitlin Napoleoni  
Robert Nunnally

Keli Pirtle

Gene Poletto  
Matthew Rudkin  
Rachel Wrenn

### Student Members

Christopher Bosma  
Austin Coleman  
James Harbin  
Da'Vel Johnson  
David King  
Ryan Watters

*Please welcome  
the new NWA  
members who  
joined in June!*

## Corporate Member News



AccuWeather Founder, President and Chairman Dr. Joel N. Myers (above) served as the keynote speaker for the second annual Weather Track at the 2015 Esri International User Conference. His presentation was titled "[Transformational Change Driven by Big Data.](#)"

Vaisala predicts that wind energy performance will remain below normal in most regions of North America into the final quarter of 2015 due to a persistent El Niño that is forecast to remain in effect throughout the end of the year. This is based on their analysis of historic and forecast deviations from average wind conditions. [More information can be found on their website.](#)

# VAISALA

## Member News

Justin Chambers has been promoted to FOX21 Chief Meteorologist in Greenville, South Carolina. With the station for more than three years, Chambers takes over the position held by former Chief Terry Gerbstadt, who retired in May. Chambers holds the Broadcaster's Seal of Approval from both the National Weather Association and the American Meteorological Society.



Chambers said about the promotion, "I love living in Southern Colorado and working with the professionals at FOX21 News. I am honored to lead the FOX21 Weather Team going forward."



**2015 NWA SCHOLARSHIP**



# Golf Putting

**Saturday, October 17**

Earlywine Golf Club  
Oklahoma City, OK  
I-44 & S Portland

11 MINUTES  
FROM WILL ROGERS  
WORLD AIRPORT

17 MINUTES FROM  
DOWNTOWN OKC

**\$85 per player**

Includes lunch, range, cart,  
golf & donation

11:30 a.m. Lunch  
1:00 p.m. Tee Time

Contact Betsy Kling for more information  
betsykling@wkyc.com

## Annual Meeting Exhibit Space and Sponsorships

Showcase your business or organization at the  
NWA 40th Annual Meeting Exhibit Hall  
Oct. 18-20, 2015, in Oklahoma City.  
NWA Corporate Members get a discounted  
booth for \$800.

*Want to be a meeting sponsor?*  
Some sponsorship options include a  
discounted or complimentary exhibit  
booth and advertising options.

[The meeting page has the details.](#)




*Photo is courtesy of the Oklahoma City Convention & Visitors Bureau*

## Selected Significant Climate Anomalies and Events June 2015

### GLOBAL AVERAGE TEMPERATURE

June 2015 average global land and ocean temperature was the warmest June since records began in 1880.

### ARCTIC SEA ICE EXTENT

June 2015 sea ice extent was 7.7 percent below the 1981–2010 average—the third smallest June sea ice extent since satellite records began in 1979.

### ALASKA

Warm temperatures engulfed much of the state during June. This was the sixth warmest June since statewide records began in 1925.

### SCANDINAVIA

Below-average temperatures were present across much of the region. Norway had its 18th coolest June since national records began in 1900.

### CONTIGUOUS UNITED STATES

Record warmth impacted the West, while record precipitation fell in the Ohio Valley during June 2015.

### TURKEY

Above average precipitation fell across parts of Turkey, with some locations receiving nearly twice their monthly average.

### SPAIN

Spain experienced warmer-than-average conditions during June—resulting in the sixth warmest June since 1961.

### SOUTH AMERICA

South America experienced above-average conditions during June, with some locations across the north experiencing record warmth.

### AUSTRALIA

The national June mean temperature was the warmest since 1996 and the fifth warmest since national records began in 1910. Regionally, Queensland and Western Australia observed the third warmest June on record.

### ANTARCTIC SEA ICE EXTENT

June 2015 sea ice extent was 7.2 percent above the 1981–2010 average—the third largest June sea ice extent on record.



Please Note: Material provided in this map was compiled from NOAA's State of the Climate Reports. For more information please visit: <http://www.ncdc.noaa.gov/sotc>

Click for additional info on this Global Analysis <http://www.ncdc.noaa.gov/sotc/global/201506>

*New Overflow hotel & CEU info added!*

# 40th NWA Annual Meeting



*SkyDance pedestrian bridge and downtown Oklahoma City.  
Photo from BigStock Photos.*

*It's our 40th Anniversary!*  
**Power of the Past; Force of the Future**  
**October 17 - 22**

**Cox Convention Center**  
**Oklahoma City, Oklahoma**

## Schedule of Events

Saturday Oct. 17 - NWA Golf Outing & Climate Workshop

Sunday Oct. 18: Broadcast Meteorology Workshop

Sunday Oct. 18: 8th Annual Student Session

Oct. 19-22: General Sessions

Wednesday Oct. 21: NWA Annual Awards Luncheon

## On-Line Registration

[Click here to register for the Annual Meeting](#)

## Location

**Conference Hotel:** [The Renaissance Oklahoma City Convention Center Hotel](#). Reservations [may be made online](#) or call (800) 468-3571 and telling them you are attending the National Weather Association Meeting. The room block is open until September 18 or until full.

**Overflow Hotel:** [Courtyard Oklahoma City Downtown](#), which is across the street from the convention center. Reservations [may be made online](#) or call (405) 232-2290 and use the group code NWAN. The room block is open until September 22 or until full.

**Conference Venue:** Cox Convention Center in downtown [Oklahoma City](#).

## Abstracts

Thanks to all who submitted abstracts. *Over 360 were submitted by the final deadline!*

The Program Committee will notify presenters, via e-mail, regarding the disposition of their abstracts by the first week of June.

A preliminary agenda will be posted on the NWA website by early August for presenters to review.

## Program Chairs

### **Program Committee**

#### **Co-Chairs:**

*Dr. Patrick Marsh*

Techniques Development Meteorologist

NOAA/NWS/NCEP Storm Prediction Center

Norman, OK 73072

[patrick.marsh@noaa.gov](mailto:patrick.marsh@noaa.gov)

[nwas15@nwas.org](mailto:nwas15@nwas.org)

*John Ferree*

Severe Weather Services Coordinator

NOAA/NWS Office of Climate Water, and Weather Services

Norman, OK 73072

[john.t.ferree@noaa.gov](mailto:john.t.ferree@noaa.gov)

[nwas15@nwas.org](mailto:nwas15@nwas.org)

### **Broadcaster Workshop**

#### **Program Chair:**

*Mike Goldberg*

WTVR-TV

Richmond, VA 23230

[mgoldberg@wtvr.com](mailto:mgoldberg@wtvr.com)

Watch the meeting webpage for updates on hotel accommodations, exhibits, and more, or contact the NWA Office at (405) 701-5167 or [exdir@nwas.org](mailto:exdir@nwas.org)

## Weather and Climate Change: Pieces of the Same Puzzle

NWA annual meeting registrants in Oklahoma City will earn one CEU for their participation in a Saturday, October 17 half-day weather and climate change workshop held at the Oklahoma City Convention Center, site of the NWA meeting. Underwritten by a grant from the National Science Foundation to George Mason University, the program will offer workshop attendees up to \$215 to cover the additional day's related lodging and meal expenses. There is no course registration fee. You may register for the course when [registering for the NWA Annual Meeting](#).

## **Stay Connected!**



Meeting updates will be posted on these NWA social media sites:

[Annual Meeting page](#)

[Annual Meeting Facebook page](#)

Twitter: [twitter.com/nwas](https://twitter.com/nwas)

Google+: <https://plus.google.com/115267406833207403491/posts>

Meeting hashtag: #Nwas15

## PROFESSIONAL DEVELOPMENT & EVENTS

### NWA Sponsored Meetings, Conferences and Special Events

(click titles for more info)

#### August 12-13: 17th Annual High Plains Conference

Sponsored by the High Plains Chapter of the AMS and the NWA, it will be held in Goodland, Kansas. NWS Central Region Director Chris Strager will likely be keynote speaker, and NWA President-Elect Dave Freeman will be the banquet speaker.

#### October 17-22: 40th NWA Annual Meeting

The Renaissance Oklahoma City Convention Center Hotel is the host site for the meeting. Meetings will be held next door in the Cox Convention Center. It is our 40th anniversary, so plan to attend this informative meeting and celebration. See [page 6](#) for details.

### Other Meetings, Conferences and Special Events

#### August 25-27: Great Lakes Operational Meteorology Workshop

This will be in Grand Rapids, Michigan, and is designed to bring forecasters of all experience levels, media partners and academia together to address the challenges and to share knowledge, experience and techniques.

#### October 7-11: SEJ's 25th Annual Conference

The Society for Environmental Journalism will host this at the University of Oklahoma in Norman, Oklahoma.

#### September 1: NOAA/NWS Fall Safety Campaign

The NWS will launch the Fall Safety Campaign over the course of the fall months covering hazards such as hurricanes, wildfires, wind, drought and winter weather.

#### November 13-18: IAEM 63rd Annual Conference and EMEX 2015

The theme is "Expanding the Spectrum of Emergency Management," and the conference will be held in Clark County, Nevada.

#### January 10-14: AMS 96th Annual Meeting

The conference will be in New Orleans, Louisiana. The theme will be "Earth System Science in Service to Society." The "Earth System Science" theme emphasizes that the growing knowledge of the academic and research communities about our Earth system is a strength of AMS. AMS brings together the physical, chemical, and biological study of the Earth, allowing important decisions to be made by policy makers and the public.

#### January 27-29, 2016: 2016 FLASH Annual Conference

To be held in Orlando, Florida, the meeting's theme is "The Next Generation of Resilience." The Federal Alliance for Safe Homes (FLASH) conference will focus on creating a disaster resilient generation and the next generation of codes/standards/policies, residential construction, resilient communities and outreach/education.

The [NWA Events page](#) has more information.

### Newsletter Submissions

We welcome Newsletter article submissions from members. Send articles by the 25th of each month to [wnanewsletter@nwas.org](mailto:wnanewsletter@nwas.org) for publication in the following month's edition at the earliest.

Information about the Newsletter and a link to author guidelines can be found at [www.nwas.org/newsletters/](http://www.nwas.org/newsletters/).



## Summer 2015 Quarterly Announcement from COMET

**Wendy Schreiber-Abshire**

COMET Sr. Project Manager/Meteorologist

COMET's [MetEd](#) has some new publications. Topics include tropical cyclones and storm surge, to celestial navigation, and numerical weather prediction (NWP). Click on the title for topics of interest.

#### Multi-lesson Course:

##### [NWP Essentials](#) (6–7.5 hours)

The five lessons in this course were created in collaboration with the Australian Bureau of Meteorology and include Southern and Northern Hemisphere examples.

#### Tropical:

##### [Determining the Onset and Risk of Tropical Cyclone Winds](#) (< 45 minutes)

This lesson introduces forecasters to the probabilistic guidance products used by the National Hurricane Center (NHC) to assess tropical cyclone wind threats.

##### [Forecasting Tropical Cyclone Storm Surge](#) (< 45 minutes)

This lesson introduces forecasters to the various probabilistic guidance products used by NHC to forecast storm surge.

##### [Storm Surge and Datums](#) (< 45 minutes)

This lesson introduces forecasters to the orthometric and tidal datums used to describe tropical cyclone storm surge measurements and forecasts.

#### Navigation:

##### [Introduction to Geodesy and Mapping](#) (1.5–2 hours)

This lesson covers the topics of geodesy, datums, map projections, and map coordinate systems.

##### [Two Right Feet? Understanding the Difference Between U.S. Survey Feet and International Survey Feet](#) (15 minutes)

This video explains the difference between the U.S. survey foot (sFT) and the international survey foot (iFT) and the importance of this distinction when working with map projections.

##### [Principles of Celestial Navigation](#) (2–3 hours)

This lesson provides a basic introduction to celestial navigation for navigators, sailors and others interested in the topic.

##### [Understanding Marine Customers, 2nd Ed.](#) (1–1.5 hours)

This lesson introduces the different marine forecast customers and discusses what forecast information they need to know and why they need to know it.

We've also published one French and six Spanish language lessons recently, including

#### French:

##### [Veille climatique satellitaire](#)

#### Spanish:

- [Identificación satelital de estructuras: inferir tres dimensiones en imágenes de vapor de agua](#)
- [Identificación satelital de estructuras: ciclogénesis](#)
- [Estimación de la precipitación: medición](#)
- [Ecuación de la vorticidad cuasigeoestrófica](#)
- [Ecuación omega cuasigeoestrófica](#)
- [Identificación satelital de estructuras: cintas transportadoras](#)

Currently, these materials are freely available to everyone courtesy of our primary sponsors: NOAA's NWS, NESDIS and National Ocean Service programs, EUMETSAT, the Naval Meteorology and Oceanography Command, the Meteorological Service of Canada, Bureau of Meteorology, the U.S. Army Corps of Engineers, and the Department of the Interior Bureau of Reclamation.



## NEW NWA SEAL HOLDERS

The National Weather Association is pleased to announce that three of our members have been awarded the NWA TV Seal of Approval. Our newest recipients are Cameron Hopman, Marcus Walter and Kevin Roth.

Cameron Hopman is the Chief Meteorologist at WLFI in Lafayette, Indiana. As a child, he was terrified of storms; however, while attending Eastern Illinois University Hopman took a weather and climate class that ultimately changed his initial fear into deep fascination. He then joined the university Weather Center and began learning how to forecast the weather. Soon he became a volunteer at WEIU-TV.

Hopman began his on-air career with News Watch, an award winning student run news program on WEIU-TV, in January of 2009. During his tenure at that station, he anchored weather segments for weekend, night and evening editions of the news. He graduated from Eastern with a bachelor's degree in geography and a minor in broadcast meteorology. In his spare time, Hopman is an avid sports fan and film fanatic. He's really looking forward to this year's upcoming Boilermakers football season. Expect to see him in the stands any time he gets a chance.



*Cameron Hopman*



*Marcus Walter*

Marcus Walter is the weekend weather anchor for WKYC in Cleveland, Ohio. He is originally from Maywood, Illinois, a western suburb of Chicago. He holds a bachelor's degree in meteorology from Penn State University and a master's degree in atmospheric science from Cornell University.

Before joining the station, Walter served as the studio-live producer for Sam Champion at ABC's Good Morning America. In this role, he worked with Champion, GMA weekend weather anchor Ginger Zee, and the entire GMA weather team to manage the weather content presented during the national broadcasts. Marcus has also worked as a freelance meteorologist for WENY-TV News in Horseheads, New York.

Kevin Roth is a meteorologist at KDAF-TV in Dallas, Texas. Kevin is often described as "lovably-nerdy", a title he considers to be the ultimate compliment! He loves weather, science and anything super nerdy. Born and raised in Clearwater, Florida, he caught the weather bug and went on to get his master's degree in atmospheric science from Mississippi State University. While there, his class won a National Championship in weather forecasting. His strong science background is paired with a personality that is, at best, quirky (and at times downright goofy), providing a forecast which is both informative and entertaining. Kevin says he's strangely attached to the South, and as long as they don't run out of fried chicken and catfish, I have no desire to ever leave.

Roth loves science. It's as simple as that.

"Chose a job you love, and you'll never have to work a day in your life. I'm not exactly sure who said it, but boy, is it true," he said.

*A big round of congratulations is in order for these three newest Seal holders. Their dedication to excellence has brought them into a company of professionals who hold the highest standards of broadcast meteorology. It is a mark of distinction and credibility that sets them apart from others.*



*Kevin Roth*

### NWA Newsletter (ISSN 0271-1044)

Editor and Publisher:

*Janice Bunting, NWA Executive Director*

Communications Coordinator:

*Hulda Johannsdottir, NWA*

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Design/Layout: *Mollie Doll,*

[Treefrog Resources](#)

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Submit newsletter items to [nwanewsletter@nwas.org](mailto:nwanewsletter@nwas.org) using the Instruction for Authors at: [www.nwas.org/newsletters/newsletter\\_instructions.php](http://www.nwas.org/newsletters/newsletter_instructions.php).

Members receive the Newsletter electronically and access to an online portal which includes the Journal of Operational Meteorology as part of their regular, student or corporate membership privileges.

Address, phone number, email and affiliation changes can now be made at: [member.nwas.org](http://member.nwas.org).