



November 2016  
No 16 - 11

# NWA NEWSLETTER

## Announcing the Candidates for NWA 2017

*Voting closes December 31, 2016*

[Click for candidates' bios.](#) Paper ballots have been mailed out already.  
You can vote on paper or [click to vote online.](#)

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### 41st NWA Annual Meeting Slides

Tinole has begun uploading presentations from the NWA 41st Annual Meeting to their website.

They can be accessed by logging into your account on [www.tinole.com](http://www.tinole.com).

If you don't have an account, it's not too late to sign up. The service is free of charge.

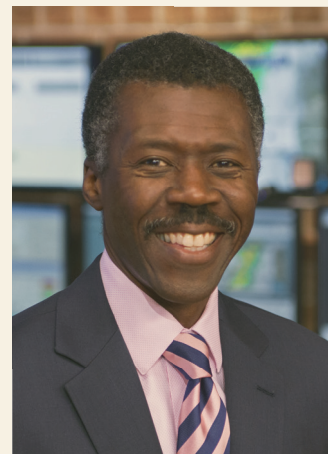


*The NWA: Connecting  
operational meteorologists  
in pursuit of excellence  
in weather forecasting,  
communication and service.*

### President-Elect



**Paul Schlatter**  
Science and Operations Officer,  
NWS Boulder/Denver Forecast Office  
Boulder, Colorado



**Alan Sealls**  
Chief Meteorologist at WKRQ-TV  
Mobile, Alabama

### Treasurer



**Lans Rothfusz**  
Deputy Director,  
National Severe Storms Laboratory  
Norman, Oklahoma



**Keith Stelman**  
Meteorologist in Charge -  
NWS Atlanta/Peachtree City  
Peachtree City, Georgia

**Councilor Candidates for NWA in 2017 - Voting closes Dec. 31**



**James-Paul "J-P" Dice**  
**Chief Meteorologist WBRC-TV**  
**Birmingham, Alabama**



**Christina Crowe**  
**Special Advisor to the Director**  
**of the NWS**  
**Silver Spring, Maryland**



**Dr. Gina Eosco**  
**Senior Social Scientist and Risk**  
**Communication Expert, Eastern Research**  
**Group, Arlington, Virginia**



**Dr. Chad Gravelle**  
**NOAA/NWS Operations Proving**  
**Ground Chief Scientist and GOES-R**  
**Satellite Liaison**  
**Kansas City, Missouri**



**Jared Guyer**  
**Lead Forecaster, NOAA/NWS Storm**  
**Prediction Center**  
**Norman, Oklahoma**



**Joseph Murgio**  
**Chief Meteorologist**  
**WTJ-TV**  
**Altoona, Pennsylvania**

**Scott M. Rochette, Ph.D.**  
**Associate Professor of**  
**Synoptic Meteorology**  
**Department of the**  
**Earth Sciences,**  
**The College at Brockport,**  
**New York**



**Jon W. Zeitler**  
**Science and Operations**  
**Officer, NWS Austin/**  
**San Antonio Forecast Office**  
**New Braunfels, Texas**



## Behind the Scenes: Another Step Forward

### November President's Message

By Dave Freeman, 2016 President



We have a Thanksgiving tradition in my family of going around the table and having each person share the things they are thankful for in the past year. It is a very sweet tradition, and it helps to keep us focused on what is truly important in life.

In that spirit, may I say how grateful I am for the success of our 2016 Annual Meeting

in Norfolk. Attendance was strong, the spirit was great, papers and posters were enlightening, and all signs point to a healthy organization that continues to grow and develop.

One of the indicators of this continued progress was a request by our National Weather Service to communicate directly with the Association, its leadership and members, about an ongoing, critical reassessment of the future of the NWS.

This spring, the NWA Council was asked to allow time at its mid-year meeting in June to hear a progress report on the National Weather Service's Operations and Workforce Analysis (OWA) project. The Council was glad to clear a part of the agenda to hear a briefing on this important effort to shape the National Weather Service for the challenges of the coming decades.

The NWA was also asked to put a presentation on OWA in the program of our Annual Meeting, which we accommodated. We believed it was natural

for this topic to be discussed at our Annual Meeting because it is the place where operational meteorologists from all disciplines gather to learn from each other.



Behind the scenes, there was another event that I believe marks a milestone in the continued development of the National Weather Association. Dr. Kathryn Sullivan, Under Secretary of Commerce for Oceans and Atmosphere and NOAA Administrator, presented the opening keynote address of the Annual Meeting on Monday morning. In addition, Dr. Sullivan asked to meet with the NWA Council formally, accompanied by the Director of the National Weather Service (and NWA Charter Member and past Councilor) Dr. Louis Uccellini. The purpose of Dr. Sullivan's request was to discuss the OWA with the NWA leadership, and hear concerns and answer questions from Council members.

I believe this is a first for the NWA, and yet another sign that the operational meteorology community has a strong voice in this Association. We appreciated this opportunity to speak directly with Dr. Sullivan and Dr. Uccellini about the OWA, and how it will shape the National Weather Service's future. All of us are partners with the NWS, and all of us have a keen interest in ensuring that it remains ready to meet the challenge of keeping the United States WeatherReady.

## NEWS on your DUES

### NWA Membership Dues for 2017

Regular	\$65.00
Retired/Full-time Student/ Active Military	\$22.00
Lifetime	\$1625.00

### Diversity University

NWA Diversity Committee  
Jennifer Hogan, Chair

To commemorate the end of the "War to End All Wars," Armistice Day was established on November 11, 1919, the first anniversary of World War I's end. It became a national holiday in 1938 and officially became Veterans Day in 1954 when President Eisenhower changed the name of the observation from Armistice Day to Veterans Day.

As we celebrate Veterans Day and honor the veterans in our weather community, we remember the significant role weather has played in battles being won or lost. As the science of meteorology advanced into the twentieth century, significant war-time decisions were made using weather forecasts. The forecast for the D-day (June 6, 1944) invasion is probably the most famous. The operation was actually delayed a day from the original date of June 5 due to the weather forecast. Many variables had to come together for the largest sea-born invasion in modern history to occur: winds, cloud cover, full moon, and wave height were all considerations for a successful mission. The Allied meteorologists used their local knowledge of English Channel weather and a vast array of weather observations for their forecasts. Their recommendation to General Eisenhower was to delay launch one day to June 6 to avoid inbound weather. He agreed.

The German weather group predicted the weather to remain cloudy, rainy, and windy for most of the month of June. They felt secure that the Allies would not attack due to this weather forecast, so much so that one of their higher ranking commanders left France to go home and bring gifts of Parisian shoes to his wife. This invasion may not have turned out the way it did had weather forecasting not played a part.

Fast forward 72 years to present day where the meteorological science, tools, and knowledge have expanded greatly. We are anxiously awaiting the addition of the new GOES-R data to our repertoire of meteorological tools that will help enhance forecast accuracy for civilian as well as military operations.

The partnership between the military and the weather communities will always be an important one. To all of those who are serving, or who have served, in our great military, thank you.



## GOES-R Launched November 19

The Geostationary Operational Environmental Satellite-R (GOES-R), one of the nation's next generation of geostationary weather satellites, launched from Cape Canaveral Air Force Station in Florida on November 19. The data from this satellite will improve the observation of weather phenomena that directly affect public safety, protection of property, and our nation's economic health and prosperity.

Some of the benefits we expect from this new data set include:

- Improved hurricane track and intensity forecasts
- Increased thunderstorm and tornado warning lead times
- Earlier warning of ground lightning strike hazards
- Better detection of heavy rainfall and flash flood risks
- Improved flight route planning
- Improved air quality warnings and alerts
- Improved solar flare warnings for communications and navigation disruptions
- Better monitoring of space weather to improve geomagnetic storm forecasting

For more information on the GOES-R program and all its benefits to operational weather forecasting, go to [the GOES-R website](#).

If you want to learn more about the specifics of the Atlas 5 rocket [check out Spaceflight Now](#).

[Click here for photos and videos from the day's launch.](#)



### *The 42nd NWA Annual Meeting*

*Hyatt Regency Orange County  
Garden Grove, California*

*September 16 - 21, 2017*



*Save the date!*

*Watch future newsletters  
for the call for abstracts!*

## WEATHER NEWS FLASH



A monthly look at interesting news factoids and stories from around the globe. Click titles for details!

### [Evolving the National Weather Service](#)

With a growing population at risk, an economy that is increasingly vulnerable to weather, an aging infrastructure and a changing climate, the National Weather Service is taking steps to evolve into an even more effective agency.

### [Extreme Levels of Smog in India's Capital Prompts School Closures](#)

Extreme levels of smog in India's capital prompted New Delhi's chief minister to close all schools for three days.

### [Giant Ice Balls Form on Beach in Siberia](#)

Residents of a remote seaside area in northwest Siberia were greeted in late October with a beautiful and surprising natural phenomena: giant ice balls.

### [U.S. Had its Third Warmest October and Second Warmest Year to Date](#)

The contiguous U.S. October average temperature was 57.7°F, 3.6°F above the 20th century average, making it the third warmest October in the 122-year period of record and the warmest since 1963.

### [Watch the Grim, Ongoing Loss of the Arctic's Historical Ice](#)

The Arctic's sea ice has been diminishing so much there's a good likelihood in future summers the region will be completely liquid, allowing the ocean to absorb more sunlight and accelerate global warming.

### [Southeast Wildfires](#)

Wildfires spread across Southeast U.S. where severe to exceptional drought conditions prevail

## NWA Webinar Wednesdays

Did you miss any Webinar Wednesdays? Or want to watch them again?

- Krissy Hurley presented the October webinar titled "Degenderizing IDSS: Unique Challenges from the NWS Female Meteorologist Perspective."
- Trevor Boucher, David Drobny, Will Minkoff and Andrew Leeper presented November's webinar, titled "The Virtual Operations Support Concept: Advanced Social Media Strategy in the Weather Community."

Links to these and all previous webinars are on the NWA website through the [member portal](#).

The next webinar will be presented by the NWA Societal Impacts of Weather and Climate Committee on December 14, where they will discuss what "societal impacts" means to different sector perspectives—private, public, social science, student, professional, etc. The time and platform for this webinar will be announced soon. Watch NWA social media and emails for more information.

### Cast your vote!

Voting for NWA officers closes 12/31

### NEW NWA MEMBERS

Please welcome these members who joined the NWA in September and October 2016!

#### Regular Members:

Jared Allen  
Haley Clawson  
Eddie Dixon  
Amos Dodson  
Ben Dorenbach  
Anne Elise Parks  
Anthony Guiffrida  
David Harvey  
Dr. Bernard Loewenthal, Jr.  
Kris Mattarochia  
Patrick Obrien  
Elisa Raffa  
Emily Roehler  
Kathleen Schlachter  
George Schlager  
Peter Speicher  
Deitra Tate  
William Strange

#### Student Members:

Lauren Arvai  
Matthew Beckwith

Joseph Curtis  
Adrianna Davies  
Jessica Dobson  
Julian Gordon  
Austin Guarniere  
Timothy Gunkel  
Olivia Jancse  
Steven Jester  
Nicholas Johnson  
Evan Jones  
Kalitta Kauffman  
Elizabeth Kowalczyk  
Melanie Layden  
Michael Marston  
Nicholas Morgan  
Jordan Morley  
Mackenzie Nuthals  
Jamin Rader  
Shannon Satterlee  
Jeremy Shermak  
Chanelle Stigger  
Matthew Thigpen  
Tevin Wooten

### PROFESSIONAL DEVELOPMENT

#### NWA Sponsored Meetings, Conferences & Special Events

(Click titles for more information)

[March 10-12, 2017: 42nd Northeastern Storm Conference](#)  
Saratoga Springs, New York; sponsored by Lyndon State AMS and the NWA

[September 16-21, 2017: NWA 42nd Annual Meeting](#)  
In Los Angeles/Garden Grove, California

#### Other Meetings, Conferences & Special Events in 2017

[January 22-26: AMS 97th Annual Meeting](#)  
In Seattle, Washington

### Newsletter Submissions

We welcome articles from members. Send to: [nwanewsletter@nwas.org](mailto:nwanewsletter@nwas.org) by the 15th of the month for publication in the following month's edition at the earliest. Newsletter info and a link to author guidelines can be found at: [nwas.org/newsletter/instructions-for-authors/](http://nwas.org/newsletter/instructions-for-authors/).



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Members receive the Apex award-winning Newsletter online 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 online: [member.nwas.org](http://member.nwas.org).

