



November 2019

Here's a look at November's most popular tweet:

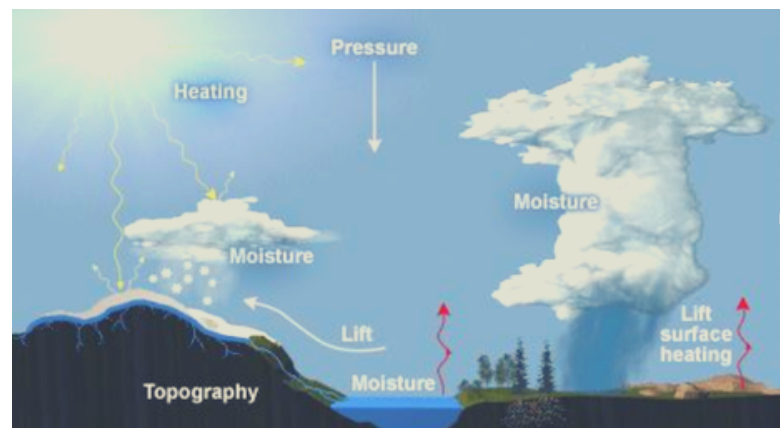
#GOESEast watched a #cold front move into the High Plains on Nov. 6, 2019, bringing low #clouds and #fog to the area. Another stronger front is expected to blast the eastern half of the US with the coldest air of the season early next week.
More imagery: go.usa.gov/xpjsA

[Visit Our Website](#)

In Case You Missed It

MEASURING WINDS TO HELP PREDICT THE WEATHER

Geostationary satellites help scientists collect valuable information on wind circulation patterns every day by tracking the motion of clouds or water vapor from a sequence of images. This data helps contribute to the accuracy of global weather prediction models.

[Learn more](#)

GLOBE HAD ITS SECOND-HOTTEST OCTOBER AND YEAR TO DATE ON RECORD

Planet Earth continued to sweat in unrelenting heat last month, making October 2019 the second-hottest October on record, just behind 2015. It was also the second-hottest year to date (January through October) on record for the globe. Continuing its melting trend, Arctic sea ice coverage shrank to its smallest size yet for October.

[Learn more](#)



FROM HURRICANES TO SEAL PUPS: FOUR WAYS DRONES ARE HELPING CONDUCT RESEARCH

Collecting data is a critical part of doing research. However, it can be a lengthy, challenging process, and in some cases — especially when dealing with severe weather or treacherous terrain — it can pose a danger to scientists. Enter NOAA's Unmanned Aircraft Systems (UAS) program, which provides funding for research aimed at incorporating unmanned drones throughout NOAA's research efforts.

[Learn more](#)

NOAA RELEASES NEW STRATEGIES TO APPLY EMERGING SCIENCE AND TECHNOLOGY

NOAA has announced new strategies to dramatically expand the agency's application of four emerging science and technology focus areas: NOAA Unmanned Systems, Artificial Intelligence, 'Omics, and the Cloud.

[Learn more](#)



NOAA ADMINISTRATOR'S AWARD

The **NOAA Administrator's Award** recognizes employees who have demonstrated exceptional leadership, skill, and ingenuity in their significant, unique, and original contributions to NOAA, the Department of Commerce, and the Federal Government. The award includes \$5,000.

Recipients

For the extraordinary effort to recover the capability of the GOES-17 Advanced Baseline Imagery for our nation's weather forecasting needs.

**Pam Sullivan
Dan Lindsey
Harry Cikanek
Joseph Pica
Vanessa Griffin**

For developing and implementing an innovative, first-ever Individual Mentoring Program for all NESDIS employees which was employed NOAA wide.

**Cherish Johnson
Paul Pegnato
Denise Doran
Shawnn Shears
Alisa Young
Juliana Blackwell
Christina MakNell
CodnerBrett Howe (NOS)
Paul Scholz (NOS)
LaTonya Burgess (NOS)
Michelle Crockett (NOS)
Sherri Watkins (NOS)**

For outstanding leadership in the development of the NESDIS Cloud Strategy and formulation of Cloud Pilot Projects.

Irene Parker
Karen St. Germain
Kathryn Shontz
Manan Dalal
Michelle Detommaso
Joseph Mani
Joseph Mangin
Dave Spencer
Walter Wolf
Atem Samson
Johnathan Terrell
Ken Casey
Marge Ripley

For innovation and collaborative problem-solving to establish NWS' operational readiness for new weather-satellite data products.

Matthew G. Seybold
Kathryn W. Mozer
Elizabeth Kline
Dan Lindsey

CONGRATULATIONS!

GEO Individual Excellence AWARD

The 2019 GEO Plenary and Ministerial convention in Canberra, Australia introduced the **GEO Group and Individual Excellence Awards**, which recognized exceptional contributions to GEO by teams and members of its community.

Recipient

For championing the Blue Planet and Aquawatch, two GEO Initiatives on water quality observations

Paul M. DiGiacomo
(Emily Smail accepted on his behalf)



Great work!

EMPLOYEE MILESTONES



New Hires

- Jeffrey Anderson
- William Line
- Ming Wai Merschat
- Rhonda Perry
- Christopher Slocum

Transfers Out

- Philip Adams
- Lauren Jones

Retirements

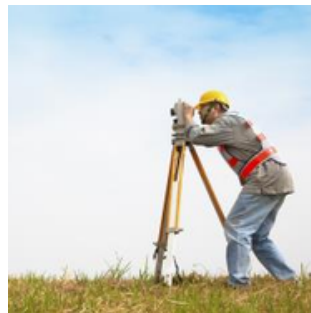
- Asby Lee Marks

UPCOMING OneNOAA Science Seminars



WHAT I WISH I'D KNOWN WHEN I WORKED AT THE CENTER FOR SATELLITE APPLICATIONS AND RESEARCH (STAR)

DEC. 5, 2019
12:30 A.M. – 1:30 P.M. ET



Putting the Best "Foot" Forward: Ending the Era of the U.S. Survey Foot

Dec. 12, 2019
2:00 - 3:00 p.m. ET



NOAA: A 50-Year, Personal Perspective

Dec. 13, 2019
12:00 - 1:00 p.m. ET

NESDIS IN THE NEWS

We're Living Through Earth's Second-Hottest Year Ever Recorded

(Washington Post)

Rapid Ocean Warming Has This Town in Angola on the Verge of a Bust

(Washington Post)

Boulder Scientists Launch NOAA-Funded Weather 'Time Machine' Project (CBS Denver)

Global 5G Wireless Deal Threatens Weather Forecasts (Nature)

NOAA Issues A.I. and Cloud Strategies (MeriTalk)

NASA-NOAA Satellite Finds Displaced Power in Tropical Cyclone Kalmaegi

(Phys.org)

No, Hurricanes are Not Bigger, Stronger, and More Dangerous

(Forbes)[*Associated study from PNAS*]

NOAA Accelerating Cloud Migration with \$144M BPA (FedScoop)

New Study Released: **Connecting Crop Productivity, Residue Fires, and Air Quality over Northern India** (Scientific Reports)

HAPPY LAUNCH-IVERSARY!



NOAA-20: Nov. 18, 2017



GOES-R: Nov. 19, 2016