

NCEI Promotion Materials for AMS Data Helpdesk - January 2021

Explainer Stories

- [NCEI Basics: NOAA's Data Archive and More](#)
- [NCEI's Cooperative Institutes: Partners in Science](#)
- [What's the Difference Between Weather and Climate?](#)
- [Calculating the Cost of Weather and Climate Disasters](#)
- [The Making of a Drought Map](#)
- [A Warming Earth is Also a Wetter Earth](#)
- [Assessing Extremes: How NCEI Vets Potential State Climate Records](#)
- [The Ongoing Study of Global Change](#)
- [Meteorological Versus Astronomical Seasons](#)
- [What is Paleoclimatology?](#)
- [What is Space Weather?](#)

Web Stories

- [2020 North Atlantic Hurricane Season Shatters Records](#)
- [Environmental Data for Infectious Disease Research](#)
- [NCEI Archives Data from COSMIC-2 Satellites](#)
- [More Near-Record Warm Years Are Likely on the Horizon](#)
- [Weather Data: Beyond the Forecast](#)
- [Value of the Data: U.S. Drought Monitor](#)
- [Advancing the Study of Extremes Events](#)
- [NCEI Improves Analysis of Sea Surface Temperatures](#)
- [World Ocean Database Profiles the Ocean](#)
- [Predicting the Future of Arctic Sea Ice](#)
- [Ocean Heat Content Rises](#)
- [The Future of Ocean Acidification](#)
- [A Long-term View of the Gulf of Mexico](#)

Learning and Scholarly Resources

- [NCEI Data Tools Explained \(Climate at a Glance and CrowdMag\)](#)
- [NOAA Assists Getting Back to Learning](#)
- [Earth Facts Fortune Teller Worksheet](#)
- [NASA DEVELOP \(Asheville Node and YouTube Channel\)](#)
- [Paleo Perspectives](#)
- [Easy Ways to Become a Citizen Scientist](#)
- [NOAA Education](#)
- [NOAA Data in the Classroom](#)
- [Science on a Sphere](#)

Videos

- [NCEI Overview Video](#) (2/2020)

- *Bulletin of the American Meteorological Society* (BAMS) *State of the Climate in 2019* report summary ([English](#) and [Spanish](#)) (8/2020)
- What's the Difference Between Weather and Climate? ([English](#) and [Spanish](#)) (7/2020)
- Ask a Scientist: [Nic Arcos](#) (9/2020)
- [How Bits and Bytes of Data Become a Forecast](#) (9/2019)
- [Climate Monitoring Information from NOAA](#) (Slide Presentation, 6/2019)

Infographics

[NOAA at 50: By the Numbers](#) (1970-2020)

[2020 Hurricane Season by the Numbers](#)

[Last Five Years Ranked as Top Five Hottest](#)

[NCEI Story Map Gallery](#)