

Welcome to AMS News You Can Use. Each week, we send out a sampling of recent news and items of interest in meteorology and related fields, as covered by various media outlets.

May 7, 2019

Chronicles of the Rings: What Trees Tell Us

May 7, 2019 - The New York Times

Studying the historical data stored in centuries-old trees is a burgeoning field, with labs around the world learning more about historical patterns of weather and climate and the effects on humans.

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Boston Blues: It Rained a Record 21 Days in April

May 7, 2019 - The Washington Post

If you live in Boston and are sick of those “April showers” everyone rhymes about, you’re not alone. Boston saw more rainy days in April than any month on record at Boston Logan International Airport.

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NASA Instrument Heads to Space Station to Map CO2   

May 7, 2019 - BBC

NASA has sent up an instrument to the International Space Station (ISS) to help track carbon dioxide on Earth.

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Can a lightning strike bring down a passenger jet?

May 7, 2019 - Yahoo World

There remains some confusion as to what was responsible for the crash-landing of an Aeroflot aircraft in Moscow on Sunday, but it is understood the Sukhoi Superjet100 was struck by lightning.

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[Hurricane Hunters Fly Into Eye Of Storm To Improve Forecasts](#)

May 6, 2019 - CBS Boston

“It’s like going to your favorite amusement park and riding a roller-coaster ride over and over,” explains Lieutenant Commander Rob Mitchell.

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[Rare Summer Cyclone Leaves Dozens Dead In Southeast Asia](#)

May 6, 2019 - National Public Radio

Categorized by the India Meteorological Department as "extremely severe" when it made landfall in India Friday night, the cyclone lashed coastal areas with heavy rain and winds of up to 127 miles per hour.

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[What to expect from the 2019 hurricane season](#)

May 6, 2019 - Popular Science

El Niño conditions could cancel out the effects of a warming Atlantic.

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[How Your Behavior Shapes The Weather Forecast](#)

May 6, 2019 - Forbes

Modern forecasters don't just study the weather but also how you check it—and even react to it.

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[Rainy days make everything worse—even restaurant reviews](#)

May 6, 2019 - Popular Science

The reason for bad reviews is not always poor service or food,” says Vanja Bogicevic, co-author of the study and visiting assistant professor of hospitality management at Ohio State University. “Restaurant business reviews can be hurt by unpleasant weather.”

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[Air pollution levels could impact on heatwaves](#)

May 6, 2019 - Phys.org

Understanding how these tiny particles behave could help scientists improve heatwave predictions, and measures to limit their impacts, over the next century.

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[Constellation of weather satellites to cover the globe](#)

May 6, 2019 - Phys.org

Over the next several years, OMS hopes to launch close to 50 more of these "CubeSats" into low-Earth orbit, creating a constellation that the team said will vastly improve global weather observation coverage.

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[Why century-old ship logs are key to today's climate research](#)

May 3, 2019 - The Verge

Sailors traveling around New Zealand from the late 1800s to the mid-1900s to trade goods, hunt whales, or explore Antarctica kept logs about the water and air temperatures, air pressure, sea ice, and wind.

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[How Atmospheric Sounding Transformed Weather Prediction](#)

May 2, 2019 - NASA

In the late 1950s, a scientist named Lewis Kaplan divined a new and groundbreaking way to calculate temperature in the atmosphere for weather forecasting: by measuring the vibration of molecules at different altitudes. The hope was to do this using a brand-new technology, an Earth-observing satellite.

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[This Is the Future of Technology that Could Keep You Safe during Severe Weather storms](#)

May 1, 2019 - Wfaa.com

One thing you can count on in North Texas is you can't count on the weather. It changes. A lot. But there's technology and research that could give us all a better heads up.

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[An Interview with OSTP Director Kelvin Droegemeier](#)

April 30, 2019 - The American Institute of Physics

In a recent interview with FYI, White House Office of Science and Technology Policy Director Kelvin Droegemeier weighed in on pressing issues ranging from Europe's open access push to the National Security Council's proposed climate science review panel.

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[Forest fires accelerating snowmelt across western US, study finds](#)

May 2, 2019 - Phys.org

It's a cycle that will only be exacerbated as the frequency, duration, and severity of forest fires increase with a warmer and drier climate.

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[Rains like no other: Iraq is tested in era of climate change](#)

May 6, 2019 - Chicago Tribune

After years of meager rains and scorching summers, the wettest winter in a generation has revived Iraq's famous rivers and filled its lakes, bringing welcome relief to a country facing severe water challenges in the era of climate change.e

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My latest WeatherEye from John Maunder

<https://sites.google.com/site/climatediceandthebutterfly/>

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