

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.

June 11, 2019

News

[Seals with antennas on their heads helped scientists solve an Antarctic mystery](#)

June 11, 2019 - CNN-US

Scientists now have a better idea of why giant holes have been opening up in the ice of the Antarctic, and they were assisted by some unique field partners.

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[How UM's Hurricane Simulator Is Helping Forecasters with Storm Predictions](#)

June 11, 2019 - nbcmiami.com

Hurricane forecasting is an evolving science. Researchers are always looking for new ways to improve. The University of Miami has a unique and powerful tool of their own that will help forecasters.

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[Our water cycle diagrams give a false sense of water security](#)

June 10, 2019 - ScienceDaily

Pictures of the earth's water cycle used in education and research throughout the world are in urgent need of updating to show the effects of human interference, according to new analysis by an international team of hydrology experts.

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[NASA details Deep Space Atomic Clock and other tests launching on SpaceX Falcon Heavy – TechCrunch](#)

June 10, 2019 - TechCrunch

SpaceX's next mission for its Falcon Heavy high-capacity rocket is set for June 24, when it'll take off from NASA's Kennedy Space Center in Florida with 20 satellites on board that comprise the Department of Defense's Space Test Program-2.

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[Snow monitoring at the Sierra Nevada peaks offer the first medium-term data sets](#)

June 10, 2019 - Phys.org

When the Fluvial Dynamics and Hydrology research group got to the Spanish Sierra Nevada in 2002, there were no weather stations above the height of 1,200 meters. Now, the Guadalfeo Monitoring Network of weather stations up high in the mountains have provided monitoring data over the course of 14 years.

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[Researchers developing weather drones](#)

June 9, 2019 - ArkansasOnline.com

Researchers at the University of Oklahoma and Oklahoma State University are developing drone technology to more accurately forecast the weather.

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[The Coastal Impact of Tropical Cyclones](#)

June 7, 2019 - Medium

This is an examination of the ways in which beach communities deal with the costs posed by powerful storms, and how those weather systems disrupt and damage local economies.

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[May Was The United States' Second Wettest Month On Record](#)

June 7, 2019 - MSN.com

May was the second wettest month on record in the contiguous United States, and it sealed the last 12 months as the country's wettest yearlong period, the National Oceanic and Atmospheric Administration announced Thursday.

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More Stalled Hurricanes And Less Wind Shear - Bad News For U.S. Coasts

June 7, 2019 - Forbes

The 2019 Atlantic hurricane season has started even as impacts of the 2017 and 2018 seasons are still being felt in the United States.

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What Hurricane Michael taught us about preparing for this year's hurricane season

June 7, 2019 - Phys.org

As we enter into the new Atlantic hurricane season, it seems like only yesterday that we were all watching and feeling for the people affected by Hurricane Florence in the Carolinas and Hurricane Michael in the Panhandle and the southeast.

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Storm chaser Reed Timmer successfully shot a rocket into a wedge tornado. The data, he says, is 'incredible.'

June 6, 2019 - The Washington Post

Looking for a cool job? Try launching rockets into tornadoes! AccuWeather "extreme meteorologist" Reed Timmer and his team did exactly that last week as a mile-wide EF4 tornado plowed through Lawrence, Kansas.

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Here's How Meteorologists Use Damage To Estimate The Strength Of A Tornado

June 6, 2019 - Forbes

The strength, size, and fleeting nature of tornadoes require meteorologists to rate a tornado by surveying damage left behind by the storm.

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Add One Big Storm to Forecasts for This Year's Hurricane Season

June 4, 2019 - Bloomberg

Colorado State University, which pioneered seasonal storm forecasting 36 years ago, on Tuesday upped the ante for named storms in the Atlantic by one to 14 before the six-month Atlantic season ends on Nov. 30.

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[Giant Texas Haboob Sends Wall of Dust Through Lubbock](#)

June 6, 2019 - Texas Hill Country

On Wednesday, June 5, 2019, at approximately 6 p.m., Lubbock, Texas, was hit by a wall of dust. Known as a haboob, this intense dust storm was generated by severe thunderstorms to the west.

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[The Weather Forecast that Saved D-Day](#)

June 11, 2019 - history.com

The critical, but unenviable task of predicting the English Channel's notoriously fickle weather fell to a team of forecasters from the Royal Navy, British Meteorological Office and U.S. Strategic and Tactical Air Force.

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[Quiet U.S. Fire Season May Get Active Later This Year](#)

June 11, 2019 - Weather Underground

Tenaciously wet, mild conditions this spring have kept U.S. wildfire acreage at its lowest level in more than a decade of monitoring. It's great news, but tempered by forecasts of an above-average fire threat building through the summer in the Pacific states.

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[Dallas Crane's Computer Will Reveal Conditions at Time of Fatal Collapse, Expert Says](#)

June 10, 2019 - The Weather Channel

One person was killed and five injured when a construction crane collapsed on a Dallas apartment building. An expert says it's too early to speculate about the cause.

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