

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.

September 17, 2019

News

**More accurate detection of hotspot clusters provides new insights into the behavior of air pollution**

September 16, 2019 - Phys.org

A more reliable method for identifying regions with different relationships between air pollution and weather conditions improves the detection of pollution hotspots.

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**These Are the U.S. States That Will Be Most Affected by Climate Change**

September 16, 2019 - Newsweek

Every American will be affected by climate change, experts have warned, although extreme events like scorching heatwaves, devastating floods and ferocious hurricanes will hit some harder than others.

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**Canceled Hurricane Hunters cause data blind spots for forecasters during Hurricane Dorian**

September 15, 2019 - The News-Press

Two Hurricane Hunter missions were canceled and two other planes relocated during a critical period Sept. 1 when one of the strongest storms on record hit the Bahamas and stalled over the archipelago nation.

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**Trump administration politics have no place in weather forecasting and have damaged trust**

September 15, 2019 - The Washington Post

AMS President-Elect Mary Glackin discusses how the weather enterprise is recovering from multiple hits over the past two weeks.

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**How Social Media Is Helping Survivors of Hurricane Dorian in the Bahamas**

September 11, 2019 - The New Yorker

As residents posted from the islands, Bahamian expatriates were using social media to request information about the safety and location of their friends and family.

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**NASA-NOAA satellite's night-time look at Tropical Storm Kiko**

September 13, 2019 - EurekaAlert!

NASA-NOAA's Suomi NPP satellite passed over the Eastern Pacific Ocean in the early hours of Sept. 12 and grabbed a nighttime look at Tropical Storm Kiko.

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**Weather Radars Reveal an 80 Percent Chance of ... Dragonflies?**

September 13, 2019 - PressFrom

On Monday, Doug Kahn, a meteorologist at the National Weather Service in Cleveland, saw several bluish masses shifting and swelling over Ohio.

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**What the Hurricane Dorian-ravaged Bahamas tells us about climate change, poverty**  



September 12, 2019 - Tampa Bay Times

The storm's devastation highlights a risk public health experts have long warned about.

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**Mechanism modeling for better forecasts, climate predictions**

September 11, 2019 - Phys.org

Modeling currents together with wind and waves provides more accurate predictions for weather forecasts and climate scientists.

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**26 feet of water: What the worst-case hurricane scenario looks like for Tampa Bay**

September 11, 2019 - Vox

We're not prepared for the hurricanes that hit today. In the future, they'll be worse.

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**When Will We Run Out of Water?**

September 16, 2019 - Earther - Nature for Nerds - Gizmodo

One development that will likely make things real: the end of the Earth's drinkable water supply.

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**Earth to warm more quickly, new climate models show**

**September 17, 2019 - Phys.org**

**Greenhouse gases thrust into the atmosphere by burning fossil fuels are warming Earth's surface more quickly than previously understood, according to new climate models set to replace those used in current UN projections, scientists said Tuesday.**

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