

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.

A GOLDen Way to Study Space Weather

Eos - August 4, 2020

A NASA mission is observing airglow in the upper atmosphere and uncovering what it tells us about Earth's space weather system.

Stronger rains in warmer climate could lessen heat damage to crops, says study

ScienceDaily - August 10, 2020

Intensified rainstorms predicted for many parts of the United States as a result of warming climate may have a modest silver lining: they could more efficiently water some major crops, and this would at least partially offset the far larger projected yield declines caused by the rising heat itself.

NASA/NOAA Satellites Observe Surprisingly Rapid Increase in Scale and Intensity of Fires in Siberia

SciTechDaily - August 7, 2020

Abnormally warm temperatures have spawned an intense fire season in eastern Siberia this summer. Satellite data show that fires have been more abundant, more widespread, and produced more carbon emissions than recent seasons.

Two Canadian Arctic ice caps have completely disappeared, satellite imagery shows

CNN - August 5, 2020

The two ice caps were located on the Hazen Plateau of northeastern Ellesmere Island in Nunavut. Data from 1959 suggests the area of the larger cap was 3 square miles and the smaller one 1.1 square miles, declining ever since.

New sensors record 440-mile lightning megaflash

The Guardian - August 10, 2020

The World Meteorological Office has confirmed new records for the length and duration of lightning, doubling the previous records. The so-called megaflashes were identified with the help of new satellite observation systems.

Satellite Study Reveals Wide Scale of Melting Ice Shelves in Antarctica

The Wall Street Journal - August 10, 2020

The ice that hangs off the edge of Antarctica and floats on the ocean is melting faster than it is being replenished, even in pockets of East Antarctica typically thought to be less vulnerable to climate change, according to a study published Monday.

What Is A Derecho?

Forbes - August 10, 2020

What's a derecho anyhow? Here's an explanation as one moves through the Midwest.

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