

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.

Shift in atmospheric rivers could affect Antarctic sea ice, glaciers

ScienceDaily - November 23, 2020

Weather systems responsible for transporting moisture from the tropics to temperate regions in the Southern Hemisphere have been gradually shifting toward the South Pole for the past 40 years, a trend which could lead to increased rates of ice melt in Antarctica, according to new research.

Solar Superstorms of the Past Help NASA Scientists Understand Risks for Satellites

NASA - November 30, 2020

NASA scientists have carefully monitored space weather and tracked orbital drag for years, since low-Earth orbit satellites provide the backbone to Earth and weather observations and telecommunications systems.

The space weather experts who give the go-ahead on when to launch and avoid disaster

The Washington Examiner - November 28, 2020

On March 26, 1987, NASA launched Atlas/Centaur AC-26 from Cape Canaveral. Just 49 seconds after liftoff, it was struck by lightning.

Sentinel 6 reaches space to track climate change impacts on Earth's oceans

The Weather Network - November 25, 2020

Watch NASA and SpaceX launch Sentinel 6 into space.

Gati Makes Historic Landfall in Somalia

NASA - November 25, 2020

Cyclone Gati became the strongest storm to hit the country on record, bringing more than a year's worth of rain in two days.

Climate Researchers Enlist Big Cloud Providers for Big Data Challenges

The Wall Street Journal - November 25, 2020

Amazon, Google and Microsoft increasingly are providing the computing muscle scientists need to glean insights from vast stores of climate data.

As Meteorological Winter Begins, Here Are 5 Extreme Weather Patterns to Look For

The Weather Channel - November 30, 2020

The start of December marks the transition into meteorological winter, and that means parts of the United States could face crippling snowstorms, ice storms and severe cold blasts in the months ahead.

Australia endures hottest spring ever, with average temperatures more than 2C above average

The Guardian - December 1, 2020

Maximum heat in November was average of 2.9C above long-term mean, despite a La Niña event, which typically brings cooler patterns.

Where Will the Next Big Flood Hit?

The Atlantic - November 28, 2020

An army of volunteers is helping forecasters predict disasters before they strike.

Climate change is often hidden in the way we are shown temperature data

The Washington Post - November 29, 2020

Shifting climate baselines conceal warming that occurred in the past; our new ‘normals’ differ strongly from normals decades ago.

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Weather Eye with John Maunder

www.sunlive.co.nz/blogs/15172-fifteen-shades-of-climate.html

If you *Google* “Fifteen shades of climate” my book appears. If you click on the book cover you will see “Look inside”. This shows the various book sections ” table of contents, first pages, back cover: the first 17 pages are shown under “first pages”, plus if you click on “surprise me !” the first 150 pages can be seen. . So far nine copies of the book have been purchased.

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