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.

April 23, 2019

DARPA Seeks Space Robots to Repair Satellites

April 22, 2019 - Defense One

The Pentagon's research office wants to send robots into space to inspect and repair the nation's satellites.

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New wave of satellites could pinpoint greenhouse gas offenders

April 21, 2019 - Anchorage Daily News

A wave of satellites set to orbit the Earth will be able to pinpoint producers of greenhouse gases, right down to an individual leak at an oil rig.

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Divining Disaster: Inside the Storm Prediction Center

April 21, 2019 - MSN.com

But before the funnel clouds and cracks of thunder struck, a handful of government meteorologists huddled at the Storm Prediction Center, just south of Oklahoma City, to divine the future.

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Military Leaders Face Off Against a Rising Enemy: The Weather

April 19, 2019 - Military.com

As the White House reportedly considers creating a committee to review the scientific evidence for climate change, the military services not only face the task of rebuilding bases destroyed by storms, they are planning replacement installations hardened to the weather and training forces with an eye toward global instability caused by rising temperatures.

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What was behind the Category 5 upgrade for Hurricane Michael?

April 19, 2019 - WPLG Local 10

When Hurricane Michael came ashore near Panama City, Florida last October 10th, it was a Category 5 hurricane. Only the fourth such storm known to have impacted the continental United States since the mid 19th Century.

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Continued Wet Weather Tests the US Ag Industry

April 19, 2019 - Forbes

While droughts wreak havoc on crops throughout planting, growing and harvesting, the same can be said for wet weather and flooding.

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5G won't let us control the weather, but it could make it harder to predict

April 17, 2019 - Android Police

Well, it turns out, there may be at least one unanticipated, unintuitive side effect that mmWave 5G can have: it could mess up the accuracy of weather forecasts. ~

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AI for Earth observation and numerical weather prediction

April 17, 2019 - SpaceNews

After substantial investments to build and launch sensors designed to observe the atmosphere, numerical weather and climate prediction have benefited greatly from the assimilation of satellite data.

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Turbulent Blobs in Earth's Core May Explain Sudden Jerks in the Magnetic Field

April 23, 2019 - LiveScience

Earth's magnetic shield defends our planet from the scourges of solar wind and cosmic radiation, making life on our planet possible. But every 10 years or so, it can be a real jerk.

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H.M.S. Challenger: Humanity's First Real Glimpse of the Deep Oceans

April 23, 2019 - Discover

We know more about the surface of the moon than about the ocean floor. And most of what we know about the ocean has only come to light in the last 150 years, starting with the expedition of HMS Challenger.

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Caribou, Maine's Record Long Snowpack, in Place since November, Melts

April 23, 2019 - Weather Underground

Caribou, Maine's record-long snow cover streak ended Monday morning after a meltdown of almost four feet of snow in about six weeks.

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Hawaii Pushes for Protection Plan to Save Beaches from Rising Sea Levels

April 22, 2019 - The Weather Channel

Many parts of the Hawaiian islands are expected to be hit by extensive flooding, coastal erosion and loss of infrastructure in coming decades.

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The Top 7 Most Unreasonable Expectations About Weather Forecasts

April 16, 2019 - Forbes

Over the course of the past weekend along, I saw breathtakingly ridiculous things said about forecasts or messaging of critical weather information.

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Extreme flooding from Hurricane Florence has forced many to reconsider what it takes to improve resilience

April 23, 2019 - Morningstar

Report on the new realities of severe weather resilience examines successes and reveals learnings from 2018's Hurricane Florence

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