

New Zealand weather and climate news

Courtesy of MetService library

MetService mentions

Warning to avoid Auckland Harbour Bridge due to high winds

RNZ

The gust hit as winds suddenly intensified from 60kph to up to 127kph in a matter of minutes, **MetService** said after the crash. The Transport Agency said ...

Wet and windy weather expected on Thursday - Thames Coromandel District Council

Voxy

MetService is forecasting 90mm to 120mm of rain to fall with an intensity of 25mm/hour at times. "While this event is presently well within the ...

MetOcean

Partrac wraps up Oriel wind measurement campaign

reNEWS

... combined with our **metocean** consultancy expertise, enables us to provide safe and reliable wind resource measurement to the offshore wind ...

NIWA

Weather outlook: New Zealand summer to be windier, warmer, more humid thanks to La Niña - NIWA

Newshub

It'll be a humid and unsettled summer for New Zealand, one of the country's leading **meteorologists** says - but he warns drought is still very much on ...

Volcano alert/watch

Mt Ruapehu crater lake temperature rising says GNS

New Zealand Herald

While **Ruapehu's** Volcanic **Alert** Level remains at 1, GNS said **Ruapehu** was still an active volcano and has the potential to erupt with little or no **warning**.

Extreme weather (and other news) – Antarctica and offshore

'Spectacular' giant iceberg on collision course with UK island

The world's biggest iceberg, known as A68a, is bearing down on the British Overseas Territory of South Georgia in the South Atlantic Ocean.

Extreme weather (and other news) – Australia and the Pacific

Australia storms: catastrophe declared in Queensland over \$50m hail damage

The Guardian

Wet, windy **weather** is persisting on Sunday from **Port** Stephens on the ... is also current along the coast from Coffs **Harbour** to the Victorian border.

Damage bill from super cell storm to top \$1 billion

Daily Telegraph

More than 8500 claims have been lodged as **insurers** count the cost of a ... Huge gums were felled in the severe **weather** and smaller trees lined the ...

Explore Mt Resilience and get prepared for extreme weather

Take a tour around the ABC's augmented reality (AR) town of the future and check out how to plan for a resilient and climate-change ready life.

36th Operation Support Squadron Fixes Only Weather Radar System on Guam

DVIDS

ANDERSEN AIR FORCE BASE, Guam— The 36th Operation Support Squadron's **Radar**, Airfield & **Weather** System technicians recently repaired the ...

Government grant turns into weather data for Tatiara producers

Farmers are reaping the rewards of more climate data from four weather stations installed around the Tatiara district — funded by drought-relief money allocated to the local council by the Federal Government last year.

Extreme weather (and other news) - Americas and Europe

Tropical Storm Eta forms, ties record for most storms in a single season in Atlantic

WKMG News 6 & ClickOrlando

... and we've only had **weather satellites** for around 50 years. So these "records" are of little significance in trying to deduce any kind of scientific trend.

International news and research

The National **Weather** Service: 150 years of reporting

BU News Service

“The main good, initially, was reducing **shipping** losses on the Atlantic seaboard and the Great Lakes,” says Dr. Erik Craft, a University of Richmond ...

Aviation

Turbulent Times for Southeast Asia's National **Airlines**

The Diplomat

There are, however, certain ways that state-owned **airlines** are better equipped to **weather** such turbulent times. Privately-owned **airlines** are ...

Health

Hot or cold, weather alone has no significant effect on COVID-19 spread

Posted: 02 Nov 2020 12:54 PM PST

New research is adding some clarity on weather's role in COVID-19 infection, with a new study finding that temperature and humidity do not play a significant role in coronavirus spread.

Hydrology / Flooding

Driving into floodwater: data to inform safety

Emergency services personnel may face additional pressure to enter floodwater in motor vehicles. This paper presents findings from a larger study into the circumstances in which SES personnel drive through floodwater. Outcomes from this research will inform policy, practice and training to improve safety.

Innovation and technologies and AI

The best weather apps for truckers: Part 2

FreightWaves

The NOAA **Weather Radar** Live app is quite popular among drivers and received 75% of the votes in the survey. This app has come a long way in the ...

Weather in pictures

Port Macquarie photographer Ivan Sajko's eye of the storm image chosen for 2021 Bureau of Meteorology calendar

WHILE most of us duck for cover when a shelf cloud rolls in and unleashes its fury, Port Macquarie photographer and self-confessed storm chaser Ivan Sajko will stare it straight in the eye from Tacking Point lighthouse.

One storm back in February presented itself as a monster. And in one frame, Ivan managed to beautifully capture the power of Mother Nature.

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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.

[This new ocean-mapping satellite will help us all understand the impacts of climate change](#)

Space.com - October 28, 2020

Examining coastal sea rise, tracking underwater ocean waves and adding to long-term data about climate change will be the main scientific return of the Sentinel-6 Michael Freilich satellite mission, officials said in a press conference.

[More Durable Weather Radars Are Needed For An Era Of Stronger Hurricanes](#)

Forbes - November 2, 2020

As I sit at my computer tracking an unprecedented Hurricane Eta (yep, Eta), strong and rapidly intensifying storms in recent years raises the following question for me: Do we need more durable weather radar infrastructure for an era of stronger hurricanes?

['Moderate to strong' La Niña weather event develops in the Pacific](#)

BBC News - October 29, 2020

A moderate to strong La Niña weather event has developed in the Pacific Ocean, according to the World Meteorological Organization (WMO).

[Hot or cold, weather alone has no significant effect on COVID-19 spread](#)

ScienceDaily - November 2, 2020

New research is adding some clarity on weather's role in COVID-19 infection, with a new study finding that temperature and humidity do not play a significant role in coronavirus spread.

[Category 4 Hurricane Eta nears Nicaragua landfall and is poised to bring catastrophic damage](#)

CNN - November 3, 2020

An extremely powerful Hurricane Eta is poised to make landfall in northeastern Nicaragua on Tuesday morning, threatening deadly flooding, landslides and winds in what may be a dayslong crawl over that nation and its Central American neighbors.

Airbus Wins Satellite Mission to Gauge Global Warming Accuracy

Bloomberg - November 2, 2020

Airbus SE won a contract to help build a European Space Agency satellite designed for scientists to more accurately predict the pace of climate change.

AI agreement to enhance environmental monitoring, weather prediction

NOAA - October 27, 2020

NOAA's Satellite and Information Service (NESDIS) has signed an agreement with Google to explore the benefits of Artificial Intelligence (AI) and Machine Learning (ML) for enhancing NOAA's use of satellite and environmental data.

Late-Season Hurricanes Can Bring Their Own Surprise

WeatherNation - October 28, 2020

With a little more than a month left in the official Atlantic hurricane season and Zeta churning in the Gulf, both reasons are reminders not to let your guard down. Despite being at the end of the season's peak window, late October has occasionally produced devastating hurricanes that have hit the United States and elsewhere.

How the Oklahoma ice storm helped strengthen Hurricane Zeta beyond expectations

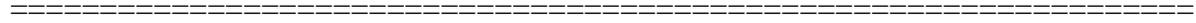
The Washington Post - October 29, 2020

A satellite image shows how the California wildfires, the Oklahoma ice storm and Hurricane Zeta's ferocity were interconnected.

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Weather Eye with John Maunder

sunlive.co.nz/blogs/15118-tauranga-october-rainfalls-18982020.html



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