

New Zealand weather and climate news

Courtesy of MetService Library

MetService mentions

Mostly dry week ahead, then improving chance of rain as La Niña fades

Stuff.co.nz

MetService is forecasting partly cloudy conditions for both days of the weekend in Auckland. Southeast breezes are expected on Saturday with a high .

Indian summer to roll on with another dry week

Weeks of settled weather has left vast swathes of New Zealand parched - and the driest pockets are expected to worsen amid another warm, fine week ahead.

Ōhakea Air Force crew support tsunami monitoring on Raoul island

Stuff.co.nz

Brooke and her crew helped to safely land and winch **MetService** staff onto the island to carry out maintenance work on the automatic weather station ...

NIWA

Central's science haven

The guest book begins with "Best of luck and welcome to Central", written by then Otago Central MP John George and his wife on the occasion of opening the Dominion Physical Laboratory Auroral Station at Lauder on April 7, 1961. Almost 60 years on, staff at what is now known as Niwa's Lauder Atmospheric Research Station are celebrating being at the cutting edge of science since the dawn of the satellite age. Simon Henderson reports.

Threatened NZ glaciers spared another big summer melt

An aerial stocktake has found New Zealand's glaciers fared better than expected over summer - but the long-term prognosis for the icy wonders remains dire.

WMO

New water and climate coalition seeks more integrated action

Posted:

A new Water and Climate Coalition has been launched to achieve more effective integrated policy-making in an era when climate change, environmental degradation and population growth has exacerbated...

Report examines meteorological and air quality factors and COVID-19

Posted:

Government interventions rather than meteorological factors primarily curb COVID-19 spread Preliminary report suggests climate conditions should not be used as a trigger to relax control...

Supplemental list of tropical cyclone names in RAIIV

Posted:

WMO Regional Association IV (North America, Central America and Caribbean) Supplemental list of names of tropical cyclones To be used in the event that regular rotating lists are exhausted and in...

WMO Hurricane Committee retires tropical cyclone names and ends the use of Greek alphabet

Posted:

Geneva, 17 March 2021 - The World Meteorological Organization's Hurricane Committee has retired Dorian (2019) and Laura, Eta and Iota (2020) from the rotating lists of Atlantic tropical cyclone names...

Volcano alert/watch

Krísuvík Volcano Volcanic Ash Advisory: KRISUVIK OBS VA DTG: 20/0600Z to 20000 ft (6100 m)

VolcanoDiscovery

RMK: ICELAND MET OFFICE ESTIMATE VA PLUME HEIGHT NO HIGHER THAN FL060. NXT ADVISORY: NO LATER THAN 20210320/1200Z =.

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

Wet weather to continue across Queensland after torrential rain flooded parts of the south-east

Queenslanders, particularly in the south-east, are being urged to brace for more wet weather and flooding conditions today.

NSW rainfall records tumble, with more wild weather to come

By data journalist [Catherine Hanrahan](#)

Records are tumbling as rain continues to lash NSW — and it's not over yet.

NSW floods explained — and why Sydney is at risk when it rains

They're found in many homes around the country, but what you may not know is the humble bathtub holds the key to explaining Sydney's flood danger.

Extreme weather (and other news) – Americas and Europe

Wyoming got buried beneath a record blizzard, trapping meteorologists in their office for 5 days

Washington Post

Just because you forecast the weather doesn't mean you're immune to it. **Meteorologists** at the National Weather Service office in Cheyenne, Wyo., ...

Climate change to put farming sectors under stress

Met Office

A new study by the **Met Office** gives examples of how two of the UK's most important farming sectors are likely to be impacted by climate change.

International news and research

How the opportunity costs of tornado warnings could be reduced

Washington Post

The National **Weather** Service is aware of this cost and has modified procedures ... to conduct research of **business** behavior under a tornado warning.

'High Risk' Severe Weather Forecasts Are Rare – What They Mean and a Brief History

The Weather Channel

NOAA's Storm **Prediction** Center issues outlooks **for** severe **weather** every day. · High-risk outlooks are very rare. · They indicate either a tornado outbreak ...

50 common weather terms, explained

Buffalo News

It warms the oceans and creates the opposite effect in terms of not just **ocean** temperatures, but atmospheric pressure. It, too, is associated with irregular ...

With Lengthening Hurricane Season, Meteorologists Will Ditch Greek Names and Start Forecasts ...

InsideClimate News

The record-setting hurricane season of 2020 has prompted the World **Meteorological** Organization's hurricane experts to change how they name

Meteorologist, climate expert, zombie slayer: a Q&A with J. Marshall Shepherd

Grist

Meteorologist, climate expert, zombie slayer: a Q&A with J. Marshall Shepherd. “I'm hopeful that there will be a conversation about solutions.”

Decommissioned NOAA weather satellite breaks up

SpaceNews

WASHINGTON — A polar-orbiting **weather satellite** decommissioned nearly eight years ago has broken up, adding to the growing debris population in ...

How severe weather research can save you money

ABC 57 News

At the **Insurance** Institute they have a large test building equipped with 105 fans that can simulate tornado wind speeds. Also in this building, there are ...

DOE Announces \$34.5 Million for Data Science and Computation Tools to Advance Climate ...

EIN News

Potential applications include tools for improving energy usage, and climate and **weather forecasting**. For more information, visit the ASCR funding ...

Telstra launches IoT pilot in Queensland to gather more accurate weather data

ZDNet

... March 17, 2021 -- 05:06 GMT (22:06 PDT) | Topic: **Innovation** ... As part of the pilot's first phase, 55 IoT **weather** stations will be deployed to existing ...

Aviation

Can High-Tech Weather Forecasting Reduce Aviation Emissions?

AZoCleantech

DTN has developed a highly configurable software-based **aviation weather** system to help airlines minimize risk, increase efficiency and assist in

Climate change / global warming

Met Office: Atmospheric CO2 now hitting 50% higher than pre-industrial levels

Carbon Brief

Prof Richard Betts MBE, head of climate impacts research at the **Met Office** Hadley Centre and University of Exeter. Carbon dioxide (CO2) in the ...

Cloud seeding / Geoengineering

Eight States Are Seeding Clouds to Overcome Megadrought

Scientific American

Today, **cloud seeding** research represents the cutting edge of weather and climate science—a convergence of questions about the influence of warming ...

Communications/social media

TechStorm expands distribution to Cignal's direct-to-home adding 3 million subscribers nationwide

TV ASIA Plus

... Singtel **TV** Channel 260 / Channel 18 and Singtel **TV** GO OTT in Singapore, **Sirius** **TV** Channel 10 in **Malaysia**, Dimsum Entertainment in **Malaysia**,

Energy and Mining

The Lines Company moves to sell its three remaining hydropower stations

Stuff.co.nz

“The return on these stations has been volatile, mainly because of the period of dry **weather** we've had. “They are on-the-river stations so when there is ...

Lessons from Texas: Extreme weather and power grid resilience

Jakarta Post

Indonesia has significant potential to tap into new renewable **energy** sources that are often scattered in more remote locations with limited **demand**. This

Innovation, Technologies and AI

How The Weather Channel is using weather patterns and AI to inform ad campaigns

Digiday

... reached 430 million active users, according to Sheri Bachstein, the global head of Watson Advertising and The **Weather Company**, owned by IBM.

Swiss company looks to use drones to capture weather data

DroneDJ

Current **weather forecasting** methods are expensive, only provide **data** on a specific area as it isn't portable, and can fail to create accurate **data** during ...

17 of the best weather widgets available on Android in 2021

Android Police

NOAA **Weather** Unofficial is a competent **weather** app that offers five separate **weather** widgets that range from 4x2, 2x1, 1x1, and 5x1 **in** size. You can ...

Lightning

Lightning kills El Salvador surfer training for Olympic qualifying tournament

A surfer who had hopes of qualifying for this year's Tokyo Olympics has been killed by lightning on a beach in El Salvador, national sporting officials said.

Water

Maynilad receives World Bank citation as 'Utility of the Future'

Manila Bulletin

Maynilad Water Services, Inc. (Maynilad) Chief Operations Officer Randolph T. Estrellado holds the certificate of citation given by the World Bank

=====

