

New Zealand weather and climate news

Courtesy of MetService Library

(MetService mentions)

**Wintery weather closes Milford Road, coats Invercargill streets with hail**

Stuff.co.nz

The **MetService** says snow showers are expected for a time on the alpine passes early on Tuesday morning. Waka Kotahi NZ Transport Agency says ...

**Weather: More than 1000 lightning strikes recorded overnight as wintry blast hits**

New Zealand Herald

**MetService** said up to 1200 strikes were recorded overnight. "The radar and lightning network is getting a good workout this morning," a **MetService** ...

**Weather: Snow, rain and strong winds expected for large parts of the country**

New Zealand Herald

**MetService** meteorologist Angus Hines said there is a chance of snow in some of the elevated parts of the lower South Island, with several snow ...

**Two tornados in 12 hours: north Taranaki engineering firm loses part of its roof**

Stuff.co.nz

Lorraine Reade was inside her and her husband's **business**, Reade ... The metrologists forecast the wet **weather** will hang around for a few more days.

**Weather: Icy conditions for the south, while north remains warm and windy**

Stuff.co.nz

According to **MetService**, Timaru had the lowest overnight temperature at 0.6 degrees Celsius, while Christchurch was 7C as of 8am, Dunedin, ...

**Roads closed and caution urged as country battered by snow, gales and rain**

New Zealand Herald

**MetService** meteorologist Lewis Ferris told Morning Report the weather around the country was expected to ease further by Thursday, but another cold ...

### **Extreme weather (and other news) – Asia and the Middle East, Africa**

#### Cyclone Tauktae Kills 19, Heavy Rains Lash Parts of Gujarat

The Wire Science

In Gujarat, no damages have been reported at the refineries and sea **ports** that were expected to be ... today depending on the **weather** conditions,” S.K. Mehta, chairman of Kandla **Port**, said, adding there was no damage in the **port**.

#### Mumbai **doppler radar** failed once again, stopped working ahead of Cyclone Tauktae impact

India Today

Mumbai's only doppler **weather radar** (DWR) operated by India Meteorological Department (IMD) once again stopped working on Sunday when ...

### **Extreme weather (and other news) – Americas and Europe**

#### March Storm in Eastern Canada Caused \$50 Million in Insured Damage

Canada NewsWire

Taxpayers and **insurers** share the cost for severe **weather** damage. For every dollar paid in **insurance** claims for homes and businesses damaged by ...

#### US on track for \$10bn+ convective storm insured losses again in 2021: Aon

Artemis.bm

In 2021, winter **weather** remains the biggest contributor to **insurance** and reinsurance market losses from **weather** and catastrophe events, with the US ...

### **International news and research**

NOAA uses AI for more accurate weather forecasts, prompting **data** storage challenges

Federal News Network

Across its line offices, the agency provides **weather forecasting** and guidance information necessary to prepare local communities for major storms.

Why Tauktae? History and Process of Naming Tropical Cyclones Dates Back to 19th Century

The Weather Channel

But why did the Burmese and Iranian **meteorologists** get to name cyclones that hit India? Turns out it's not a case to case basis naming process.

## Aviation

Guidor App Helps Fleets Fly Efficiently

Aviation International News

Skyconseil has partnered with **IBM's Weather** Company, aeronautical information management provider M-click, and connectivity expert Atmosphere ...

## Business/Insurance

Insured catastrophe losses 30% above 10-year average

Business Insurance

Analysts at U.K.-based investment banking firm Jefferies International Ltd. said that global insured and reinsured losses from severe **weather** and ...

## Government (regional and national)

Vested Interests special issue: new Policy Quarterly

*The May 2021 issue of our free magazine **Policy Quarterly** is now available online. This issue takes a hard look at the many different aspects of vested interests in New Zealand. From **Grant Duncan** and **Simon Chapple**'s introductory article:*

As we recover from the impacts of Covid-19, we still face significant problems, such as social and economic inequality, the obesity epidemic, dirty water, online extremism and climate

change. None of these challenges can be met without collective action and effective policy and law. And among the barriers to this collective action, there will always stand those vested interests that intervene to protect an advantage they currently enjoy over others, even if changes to policy and law would lead to long-term social and economic benefits. The challenge is that these vested interests, as members of our communities, are also legitimate interests who deserve a fair hearing in democratic policymaking processes. Their participation should be transparent, however, and should not predetermine decision making. It is important for decision-making guides such as the Cabinet Manual to move on beyond simply a focus on honest conduct and more strongly focus on management and mitigation of vested interests.

## **Lightning**

NBN replaces 10000 modems after **lightning** 'fries' devices across Blue Mountains

The Guardian

Guardian **Australia** understands the company has replaced 10,000 – or half – of devices inside the home that the company has identified as being ...

## **Lightning suspected of killing 18 wild elephants in India**

Lightning is believed to have killed a herd of 18 wild Asiatic elephants in remote north-eastern India.

## **Outdoor recreation**

Happy Valley On Track For Queen's Birthday Weekend Opening

Winter ski season prep is well underway with Mt Ruapehu's Happy Valley ski area on track to welcome its first winter guests at Queen's Birthday weekend in early June.

## **Transport/roading/shipping/freight**

IMO moves on container losses at sea

Marine Log

The MSC therefore agreed to initiate new measures to detect and **report** containers lost at **sea**, which may enhance the positioning, tracking and ...

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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.

#### Dust Storms and Valley Fever in the American West

WeatherNation - May 17, 2021

Using NASA research and satellite data, the World Meteorological Organization is refining its Sand and Dust Storm Warning Advisory and Assessment System to help forecast where dust risk is greatest.

#### Antarctic ice sheet retreat could trigger chain reaction

ScienceDaily - May 13, 2021

The Antarctic ice sheet was even more unstable in the past than previously thought, and at times possibly came close to collapse, new research suggests. The findings raise concerns that, in a warmer climate, exposing the land underneath the ice sheet as it retreats will increase rainfall on Antarctica, and this could trigger processes that accelerate further ice loss.

#### Tuesday marks 68 years since the deadliest Texas tornado in more than a century

Spectrum News 1 - May 11, 2021

The year was 1953. Dwight D. Eisenhower was president. Allan Shivers was governor of Texas. The year also saw one of the deadliest known tornadoes in the history of the Lone Star State.

#### Who was the legendary 'Mr. Tornado'?

Yahoo! News - May 18, 2021

2021 marks 50 years since the initial rating system, the internationally recognized Fujita Scale, was introduced to the field of meteorology. But how did the scale come to be and who was Fujita, the man who conceptualized it?

#### New NASA data sheds light on climate models

Phys.org - May 17, 2021

Have you ever worn a dark T-shirt on a sunny day and felt the fabric warm in the sun's rays? Most of us know dark colors absorb sunlight and light colors reflect it—but did you know this doesn't work the same way in the sun's non-visible wavelengths?

African rainforests are surprisingly resilient to heat and drought

Earth.com - May 17, 2021

Scientists at the University of Leeds have tracked trees in 100 different tropical rainforests across six African countries. The study revealed that African rainforests continued to remove carbon from the atmosphere despite the extreme heat and drought of the last major El Niño event.

Forecasters navigate a highway to success around Lake Victoria

PreventionWeb - May 13, 2021

An early-warning system establishes international networks to help communities manage severe weather on Africa's largest lake.

New Report Ranks Most Environmentally At-Risk Cities

The Weather Channel - May 14, 2021

Some 1.5 billion people live in cities facing the biggest environmental challenges, including threats from climate change and pollution, according to a new report.

Adios La Niña: Key pattern relaxes and may shake up weather around the world

The Washington Post - May 13, 2021

The pattern, known to enhance Atlantic hurricane seasons, has returned to neutral levels.

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