

## **New Zealand weather and climate news**

Courtesy of MetService Librarian

### **MetService mentions**

#### **Weather: Thunderstorms and heavy rain warnings in central New Zealand**

Central New Zealand continues to suffer severe thunderstorms and heavy rainfall, but the remainder of the country is forecast to dodge the big wet.

#### **It's getting unsettled outside so settle in for a coronavirus lockdown**

Being confined to home doesn't look like too much of an onerous imposition for the first weekend of national lockdown, as MetService forecasts several days of unsettled weather.

#### **Wild Whanganui weather will give way to milder temperatures and a few showers this week**

New Zealand Herald

MetService's gardening advice suggests that autumn, with its cooling air temperatures, is the perfect time to prepare the winter garden in order to enjoy ...

#### **Hawke's Bay weather: A little rain goes a long way, but it's not enough**

New Zealand Herald

MetService meteorologist Tuporo Marsters said the rain was heaviest in Wairarapa and the Tararua districts, where a warning of heavy rain had been ...

### **MetOcean**

#### **New bid to farm seaweed in NZ touted as a 'holy grail'**

In a laboratory in Nelson, researchers are doing their best to grow a crop of seaweed they say could be significant enough to reduce methane emissions.

The Cawthron Institute started research in October to carve out a future industry for seaweed.

### **International news and research**

## Shrinking Ozone Hole, Climate Change Are Causing Atmospheric “Tug of War”

The Southern Hemisphere jet stream is shifting, bringing more rain to some spots and less to others

## Meteorologists helping map spread of COVID-19

WESTERNMASSNEWS.com

We haven't gotten there yet,” said meteorologist Logan Poole. ... Poole and Brandon Clement are meteorologists using their experience in weather ...

## Why are weather forecasters called meteorologists?

WGN-TV (blog)

Dear Tom, Why are you called a meteorologist? Meteors are astronomical, not meteorological. How did the meaning originate? Fred Attender

## National Weather Service meteorologists soldier on, despite social distancing

WLOS

Usually, there is plenty of collaboration between the tight-knit group of meteorologists when deciding whether or not to issue a warning. Warning ...

## The ozone layer is healing

The hole in the ozone layer is starting to recover thanks to regulations banning ozone-depleting substances, and this is now leading to changes in Earth's atmosphere. [Read more](#)

## International ozone treaty stops changes in Southern Hemisphere winds

The Montreal Protocol of 1987 phased out production of ozone-destroying substances such as chlorofluorocarbons (CFCs). Beginning around 2000, concentrations of those chemicals in the stratosphere started to decline and the ozone hole began to recover. In this study, researchers have shown that around the year 2000, the circulation of the Southern Hemisphere also stopped expanding polewards -- a pause or slight reversal of the earlier trends.

## Supercomputing facility of Compute Power of 650 TF to be installed at IIT Guwahati

Times of India

The Department of Science and Technology (DST) along with the Ministry of ... molecular modelling, weather forecasting, spacecraft aerodynamics, ...

## **Aviation**

### Virgin Australia says it plans to resume flights to New Zealand

Virgin Australia says it intends to resume flights across the Tasman after the coronavirus crisis has passed.

"We have announced a temporary suspension of all international flying, including New Zealand," a spokeswoman for the airline said.

### Coronavirus: Auckland Airport suspends second runway and other major projects

Auckland International Airport has suspended plans to build a second runway as part of a \$2 billion cost-cutting exercise designed to help it ride out the impact coronavirus is having on the business.

### Auckland Airport feels Covid-19 pinch

Auckland Airport has suspended big expansion plans, laid off contractors and is talking pay cuts and reduced hours for staff until normality resumes following the Covid-19 pandemic.

### Resilience Budget: Why The Gov't Is Bailing Out Singapore Airlines

Vulcan Post (press release)

Resilience Budget: Everything Singapore Workers Need To Know.

Tags: aviationresilience budgetSingapore Airlines ...

### Fiji Airways says it will suspend domestic flights

Fiji Airways will suspend all its domestic flights by 6pm today.

"This in line with the government's directive to stop the spread of the Covid-19 to the outer islands," the airline said.

### ResilienX, Drone Companies & Ohio Universities Partner to Win Milestone Project

sUAS News

TruWeather Solutions will deploy its dynamic platform that collects and presents real-time, predictive micro-weather analytics and insights. “Our goal is ...

Rocket Lab postpones next launch due to coronavirus pandemic

Space.com

A Rocket Lab Electron booster launches the NROL-151 satellite for the U.S. National Reconnaissance Office from Mahia Peninsula on New Zealand's ..

## **Communications/social media**

Why don't meteorologists wear green?

Siouxland News

— Have you ever noticed that Meteorologists Katie Nickolaou and Vivian Rennie never wear green dresses? Or that Meteorologist John Gerard never ...

Covid-19 / Business

Push the ‘go’ button on infrastructure plans

The EMA joined the call for Government and councils to push ahead and fast-track critical infrastructure projects throughout the upper North Island.

Westpac forecasts unemployment will climb by 200,000

Westpac is forecasting 200,000 jobs will be lost in New Zealand as a result of the response to the coronavirus pandemic.

Coronavirus: Government starts economic planning for post-lockdown New Zealand

A huge nation-building programme of infrastructure and public works will be needed to drag New Zealand out of recession when the country eventually emerges out of coronavirus lockdown, Finance Minister Grant Robertson says.

Rob Fyfe: Business must invent new ways of doing things fast

ANALYSIS: We all remember facing personal moments of crisis when everything else falls away, and we realise only one thing matters: the people we love.

When struck by a death in the family or a devastating flood or a business collapse, we stop business as usual. We cancel scheduled meetings, put off the long-planned next project or holiday, and focus on protecting and saving the ones we love.

#### Coronavirus: Auckland Council's \$1 billion rainy day plan

Auckland Council won't know for weeks the scale of the financial hit it will take from coronavirus, but says it has a \$1 billion back-up if needed.

#### Coronavirus lockdown: New Zealand setting internet traffic records

New Zealand has been setting new all-time internet traffic records, as people hunker down during the Covid-19 lockdown.

#### Coronavirus: Good public health is good economics

OPINION: The Government's move to implement a level 4 pandemic response is not just good public health, it is good economics. Being the last bus stop on the planet has given us time to learn fast from the experience of others.

#### Coronavirus: can the economy recover?

The economic ride down is likely to be sharp and steep. But when consumers eventually emerge from lockdown, what will the recovery look like? Andrea Vance and Iain McGregor investigate.

Weighing sheep in a yard in the brown foothills of North Canterbury's Hundalee Hills, Ben Ensor is an unlikely soldier on the frontline of New Zealand's economic recovery.

#### Coronavirus lockdown will leave almost no part of the economy untouched

ANALYSIS: Every corner of the New Zealand economy is affected by coronavirus. It was the case before the Government announced the shutdown of all non-essential businesses this week and it is certainly the case now.

#### Coronavirus: After the pandemic, nothing will be the same

OPINION: We are experiencing a major health and economic shock.

The consequences will be felt beyond the recession. Crisis management is needed at present. But we need to think about a different future too.

#### Coronavirus: Six months before UK 'returns to normal'

Lockdown measures to combat the spread of the coronavirus could last for months in the UK and the death toll will probably get worse in the coming weeks, according to the Deputy Chief Medical Officer for England Jenny Harries.

### **Covid-19 / Remote working**

'It only requires three gadgets': NBC12 meteorologist Andrew Freiden testing a work-from-home ...

Richmond.com

A small, inexpensive computer in the garage remotely controls the main weather graphics computers back at the station, like a slideshow. • An iPhone on ...

4 tips for getting anything done while working from home with your kids

Working and helping your kids with remote learning is challenging at best. Here, educators and parents share what works for them.

### **Covid-19 / Wellbeing**

How can I treat myself if I've got – or think I've got – coronavirus?

New cases of the coronavirus are reported every day, and as yet there's no vaccine. So what treatments are available if you're one of the unlucky ones who gets infected?

Coronavirus: it's tempting to drink your worries away but there are healthier ways to manage stress and keep your drinking in check

In these difficult times, it's not surprising some people are looking to alcohol for a little stress reduction. But there are healthier ways of coping with the challenges we currently face.

Why New Zealand's coronavirus cases will keep rising for weeks, even in level 4 lockdown

The number of New Zealanders testing positive for COVID-19 will continue to rise despite the strict conditions of the four-week lockdown that began this week.

### **Energy and Mining**

Experts see need for 'new focus, path' in wind energy science

KPVI News 6

Low-level wind doesn't have much of a role in influencing the weather. ... Wind energy has to be fully reliable and meet the intensive demand of the ...

## **Health**

### Heat takes its toll on mental health

Hot days increase the probability that an average adult in the US will report bad mental health, according to a new study.

### AccuWeather offers free weather warning service to hospitals with temporary structures

American Hospital Association

AccuWeather is offering its weather warning notification service complimentary to all hospitals and public health agencies that have erected temporary ...

## **Space weather**

### Met Office Waves £2 Million to Move Critical “Space Weather” Workloads onto AWS

Computer Business Review

The Met Office said it needs a Systems Integrator to help it make the move to “reduce operational costs for the service”. The contract will include DevOps ...

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

### Warning NZ ports may start to seize up this week if non-essential freight can't be moved

A "pile-up" is looming at the country's ports that will restrict the movement of food and medical supplies in and out of New Zealand if the Government doesn't act, Road Transport Forum chief executive Nick Leggett has warned.

Citizen science / crowd sourcing

### Bored at Home? Help Great Britain 'Rescue' Its Old Rainfall Records

Smithsonian

The Rainfall Rescue Project isn't Hawkins' first citizen science-driven rodeo. Three of his previous weather “rescue” projects—including one that ..

Climate change / global warming / sea level rise

Current oil and gas projects alone will warm Earth past 1.5°C

Holding warming to only 1.5 degrees Celsius would greatly reduce the consequences of climate change.

**Lockdown entertainment**

Tour the louvre

<https://www.youvisit.com/tour/louvremuseum>

Check out the animals at the San Diego Zoo

<https://animals.sandiegozoo.org/live-cams>

Or The Melbourne Zoo

<https://www.zoo.org.au/animal-house/>

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