

New Zealand weather and climate news

Clips below come courtesy of MetService Library

MetService focus

New Zealand's weather data shouldn't be a competition

OPINION: I'm glad the Commerce Commission has finally opened an investigation into the market for weather data in this country.

Weather: Sudden stratospheric warming to drive cold start to October

Newshub

The sudden stratospheric warming event is expected to cause a chilly start to October for New Zealand, with MetService warning this week will run ...

MetOcean

Julie Jakoboski joins Moana Project team at MetOcean Solutions

We are delighted to welcome Dr Julie Jakoboski to MetOcean Solutions. Julie is a physical oceanographer and will be working with the Moana Project team as a data scientist, based in our Raglan Office.

NIWA

NIWA meteorologist enlists colleagues for clever weather forecast marriage proposal

TVNZ

A NIWA meteorologist had "butterflies in his stomach" today as he proposed during a mock video broadcast to his girlfriend of four years. Ben Noll ...

Rare Antarctic event helps make September fourth coldest in New Zealand this century

An unusual warming high up in the atmosphere over Antarctica helped make last month the fourth coldest September in New Zealand this century.

Planning an ocean observation network

New Zealand's changing ocean environment has prompted the call to develop a system that will keep closer tabs on information from scientific monitoring buoys so the data they produce can be shared as widely as possible.

Extreme weather (and other news) – Antarctica and offshore

Feral cats 'devastate' sea bird populations on Auckland Island

Feral cats are causing havoc on Auckland Island and the Department of Conservation (DOC) is trying to work out how to rid the sub-Antarctic island of them.

Antarctic iceberg impacts on future Southern Hemisphere climate (Copy available on request)

Fabian Schloesser,

Tobias Friedrich,

Axel Timmermann,

Robert M. DeConto &

David Pollard

Nature Climate Change volume 9, pages672–677 (2019)

Future iceberg and meltwater discharge from the Antarctic ice sheet (AIS) could substantially exceed present levels, with strong implications for future climate and sea levels. Recent climate model simulations on the impact of a rapid disintegration of the AIS on climate have applied idealized freshwater forcing scenarios^{1,2} rather than the more realistic iceberg forcing. Here we use a coupled climate–iceberg model to determine the climatic effects of combined iceberg latent heat of fusion and freshwater forcing. The iceberg forcing is derived from an ensemble of future simulations conducted using the Penn State ice-sheet model³. In agreement with previous studies, the simulated AIS meltwater forcing causes a substantial delay in greenhouse warming in the Southern Hemisphere and activates a transient positive feedback between surface freshening, subsurface warming and ice-sheet/shelf melting, which can last for about 100 years and may contribute to an accelerated ice loss around Antarctica. However, accounting further for the oceanic heat loss due to iceberg melting considerably increases the surface cooling effect and reduces the subsurface temperature feedback amplitude. Our findings document the importance of considering realistic climate–ice sheet–iceberg coupling for future climate and sea-level projections.

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

El Niño triggers 27.9% decline of vegetable production in Philippines

FreshPlaza.com (press release)

Neda-Northern Mindanao traced the overall decline to the occurrence of the weak El Niño, which started in the later part of 2018 until July of this year, ...

Extreme weather (and other news) – Americas and Europe

Dairy farmer counts cost as extreme weather puts £60k-sized hole in his finances

East Anglian Daily Times

Dire weather has cost a Suffolk dairy farmer £60k - and he's just one ... Businesses were family-run which meant often farmers were willing to work for

International news and research

Top weather forecasting official dies in rough surf after rip current warning was issued

USA TODAY

Top weather forecasting official dies in rough surf after rip current warning was ... A top government forecasting official died Monday in surf on North ... U.S. agencies responsible for issuing forecasts and warnings for aviation, ocean, ...

The Weather Facts Of Climate Change

Forbes

Extreme weather events have been occurring more frequently than natural ... Aviation is also experiencing impacts of climate change and increased ...

Irish pronunciations and British royals cited as concerns during naming of 2019-20 winter storms

thejournal.ie

A list of names sent from the UK Met Office to Irish and Dutch meteorologists on 16 August shows that 18 other names were initially proposed, which ...

Hurricane Lorenzo: The story of another 'strongest-ever recorded'

Earlier this week, Lorenzo was a Category 5 hurricane - the strongest ever recorded in the central North Atlantic.

Extreme Weather Displaced Seven Million People in First Half of 2019

Daily Beast

This year's weather is set to be one of the most disastrous on record after new figures showed that weather events displaced a record seven million ...

The science behind Canada's classic fall storms

The Weather Network

The turbulent weather that marks Canada's fall season can be as varied as the colours of the changing leaves. So it's no surprise that a 'classic fall ...

Met Services Staff Trained To Enhance Weather Forecasting Capacity

St. Lucia Times Online News (press release) (blog)

Met Services Staff Trained To Enhance Weather Forecasting Capacity ... processing, storage, retrieval and publication of basic hydrological data.

Business/Insurance

Q&A: What New Zealanders should know about doing business with China

What's going on with China's economy, and what should New Zealanders know? In this series, the Asia Media Centre speaks to experts about aspects of China's diverse economy, from consumers to financial systems to investment.

Henry Chung is an Associate Professor in Marketing at Massey University. He shares his insights on cracking the Greater China market and tapping into a wealth of local knowledge on our doorstep.

Energy and Mining

PG&E meteorologists talk what leads to power shutoffs

Yahoo News

Meteorologists with PG&E were in El Dorado County to break down what weather conditions they look at before they suggest power to be shut off to a ...

Natural Gas: Weather Models Disagree Over Timing Of Heating Demand

Seeking Alpha

At the moment, we are seeing a large divergence between GFS-ENS and ECMWF-EPS. If ECMWF-EPS's forecast is correct, then we see natural gas

Australia's Horizon to replace overhead network with solar and batteries

pv magazine International

A recent project milestone saw the disconnection of properties from overhead lines and will enable 64km of poles and wires to be replaced by off-grid ...

Natural Gas Futures Find Support in Weather Data, Snap Losing Streak

Natural Gas Intelligence

Both the American and European weather models added demand ... The Energy Information Administration (EIA) reported a 112 Bcf injection into ...

At a Glance: How Engie is positioned to weather Peru's energy headwinds

BNamericas English

EEP, one of the country's principal power producers, points to “aggressive” competitors, slow growing demand and regulatory uncertainty.

Farming/horticulture/Aquaculture

Riesling will have a very different taste in the future

The year 2018 was an excellent vintage for German wine, despite the drought. However, with the climate getting warmer, Riesling, Germany's most famous wine, could start tasting differently. EURACTIV Germany reports.

Health

[Brits struggling with allergies, hay fever after moving to New Zealand](#)

New Zealand, a country of rolling green hills, furry pets and houses teeming with dust mites, is a hot-spot for airborne allergens. [Read more](#)

Lightning

[Stefan's Law: Life-saving legacy of Aussie goalie who died after tragic 2016 lightning strike in Malaysia](#)

Back in March I wrote about [Marco Petrovski](#), the father of the young Australian goalkeeper Stefan Petrovski who died after being struck by lightning in 2016.

Stefan, Marco's only son, passed away in a Malaysian hospital after the goalpost he was standing in front of was struck during a training session with his club side Melaka United — the sort of lightning strike that is commonplace in monsoonal storms in South East Asia.

Climate change / global warming / sea level rise

[Global bank urges cities to invest in new infrastructure to adapt to climate change](#)

The impacts of climate change on weather, sea levels, food and water supplies should be seen as an investment opportunity for our cities, says global investment banking firm Goldman Sachs.

Emergency preparedness / disaster planning / resilience

[Australian Disaster Resilience Conference](#)

2019 proceedings

Revisit our program via the proceedings. Browse and download presentations, abstracts and further readings from speakers across the five sessions of the 2019 Australian Disaster Resilience Conference.

For fun

[Rainy Day Jazz 1](#)

This week: jazz inspired by the rain, including Wes Montgomery with ‘Come Rain or Come Shine’, Paul Motian with ‘Somewhere Over the Rainbow’, and Dee Dee Bridgewater singing ‘Here’s That Rainy Day’.

Rainy Day Jazz 2

More jazz inspired by the rain, including Joanne Brackeen with Jobim’s ‘Waters of March’, Glenn Miller’s ‘Blue Rain’, and Herbie Hancock with ‘Rain Dance’.

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My latest WeatherEye from John Maunder

<https://www.sunlive.co.nz/blogs/13876-tauranga-september-rainfalls.html>

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Thanks to our regular contributors.