

Understanding Weather through the Web and on SmartPhone apps.

Terry Hart

Former Bureau of
Meteorology employee

Topics

- What is the weather now?
- What is the forecast?
- Past weather and climate

Plan

1300 - 1345 Bureau of Meteorology web site

BREAK - questions, and requests or special interests?

1400 – 1500 Other apps and web sites – Australia and overseas

OK?

There are lots of web references. So if you would like the handout notes for the presentation or the presentation itself, I can e-mail them to you. I have a sign up sheet for your e-mail address.

BoM web site www.bom.gov.au

- Satellite images
- Current Weather (Melbourne, Victoria)
- Radar (if interesting)
- Weather maps
- Forecasts and Warnings
- Climate information
- Tides
- **MetEye** – web mapping viewer
- Archives

The screenshot shows the BoM website homepage. At the top, there is a navigation bar with the Australian Government logo and Bureau of Meteorology name on the left, and links for HOME, ABOUT, MEDIA, CONTACTS, and a search bar on the right. Below this is a yellow banner for 'Warnings current' with state abbreviations (NSW, VIC, QLD, WA, SA, TAS, ACT, NT) and a 'Warning services' dropdown. The main content area features a satellite map of Australia with state abbreviations, a sidebar with links to 'Rain radars', 'Satellite images', 'Weather maps', and 'MetEye', and a 'BOM BLOG' section with a 'Subscribe now' button. Below the map is a 'Weather for Tuesday 5 January' section with a 'City observations' dropdown and a table of weather data for eight cities.

Weather for Tuesday 5 January							
City observations							
Sydney Now 25.8° ESE 13km/h Max 27° Shower or two. Possible storm.	Melbourne Now 18.0° SSE 13km/h Max 20° Rain, easing in the afternoon.	Brisbane Now 31.6° SE 4km/h Max 33° Partly cloudy.	Perth Now 23.9° ESE 0km/h Max 35° Sunny.	Adelaide Now 19.6° S 17km/h Max 24° Partly cloudy.	Hobart Now 18.8° SE 13km/h Max 22° Possible late shower.	Canberra Now 23.7° NW 7km/h Max 27° Shower or two.	Darwin Now 31.4° NW 19km/h Max 33° Possible shower.

BoM web site www.bom.gov.au

The screenshot shows the BoM website interface. At the top, there is a navigation bar with the Australian Government logo and the Bureau of Meteorology name. Below this is a search bar and a menu with links for various Australian states and territories (NSW, VIC, QLD, WA, SA, TAS, ACT, NT) and international options (AUSTRALIA, GLOBAL, ANTARCTICA). A yellow banner highlights 'Warnings current' with a warning icon and a dropdown for 'Warning services'. The main content area features a satellite image of Australia with a menu of weather services: 'Rain radars', 'Satellite images' (circled in red), 'Weather maps', and 'MetEye'. Below the satellite image is an 'Advertisement' placeholder. The bottom section is titled 'Weather for Wednesday 5 December' and includes a 'City observations' dropdown. It displays weather data for eight cities: Sydney, Melbourne, Brisbane, Perth, Adelaide, Hobart, Canberra, and Darwin. Each city's data includes the current temperature, wind speed and direction, maximum temperature, and a brief weather description.

Warnings current
NSW VIC QLD WA SA TAS ACT NT

Warning services

> Rain radars
> **Satellite images**
> Weather maps
> MetEye

Advertisement

Weather for Wednesday 5 December

City observations

City	Now	Max	Wind	Weather	Rain
Sydney	21.0°	23°	ENE 15km/h	Cloudy.	0.0mm rain since 9am in Sydney.
Melbourne	21.2°	26°	SSW 13km/h	Mostly sunny.	0.0mm rain since 9am in Melbourne.
Brisbane	22.8°	28°	ESE 17km/h	Shower or two.	0.0mm rain since 9am in Brisbane.
Perth	22.6°	25°	SSW 11km/h	Partly cloudy.	0.0mm rain since 9am in Perth.
Adelaide	32.9°	34°	NNE 6km/h	Sunny.	0.0mm rain since 9am in Adelaide.
Hobart	18.2°	23°	SE 19km/h	Mostly sunny.	0.0mm rain since 9am in Hobart.
Canberra	21.4°	27°	E 11km/h	Partly cloudy.	0.0mm rain since 9am in Canberra.
Darwin	33.3°	34°	W 19km/h	Shower or two. Possible storm.	0.2mm rain since 9am in Darwin.

Satellite images

Home > Australia > High-definition satellite images

High-definition satellite images

See images from Himawari-8 in the new satellite viewer

This demonstration product is most suitable for people with fast internet connection and high data allowance.

Explore images now

Low-definition satellite images

Satellite Viewer Help

Satellite View Selection

Region:

View:

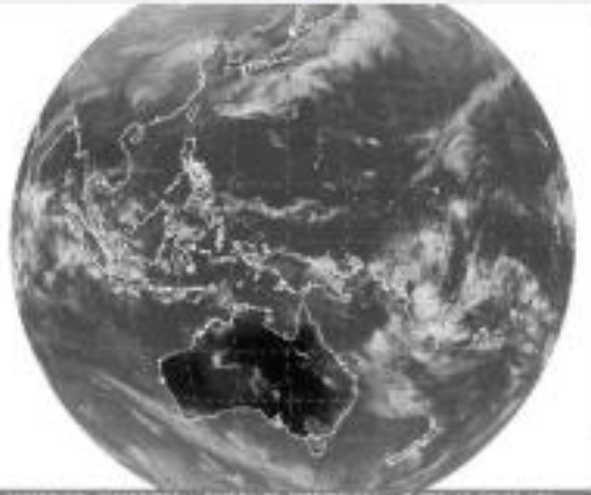
Animate

ABDI | ACSI | ACDD | ACSD | AWS1 | UIC

TUESDAY | WEDNESDAY

000100304800010001011

12:30 ACSI on Wednesday 3 December 2018 | Infrared, grey-scale, Full Disk



Operational Notices

- Explore the new lightning data layer now included with the High-Definition Satellite Viewer

Satellite Data

- Satellite Image Viewer
- About Satellite Images
- About Environmental Satellites
- Multi-Functional Transport Satellite (MTSAT)
- Himawari-8 and -9
- Regional AIGVS (Retransmission Service (RANS))

Applications

- Normalized Difference Vegetation Index (NDVI)
- Solar Exposure
- Arctic: Sea Ice Images
- Sea Surface Temperature
- Interactive Map Viewer
- Atmospheric Motion Vectors (external link)

Obtaining Satellite Data

- Data Requests
- Significant Events
- Registered Users

High resolution satellite image time lapse

<http://satview.bom.gov.au/>

- Day + Night
- Visible Greyscale
- Infrared Greyscale
- Infrared + Zehr
- Lightning

- Cities
- Roads
- Boundaries
- Coastal

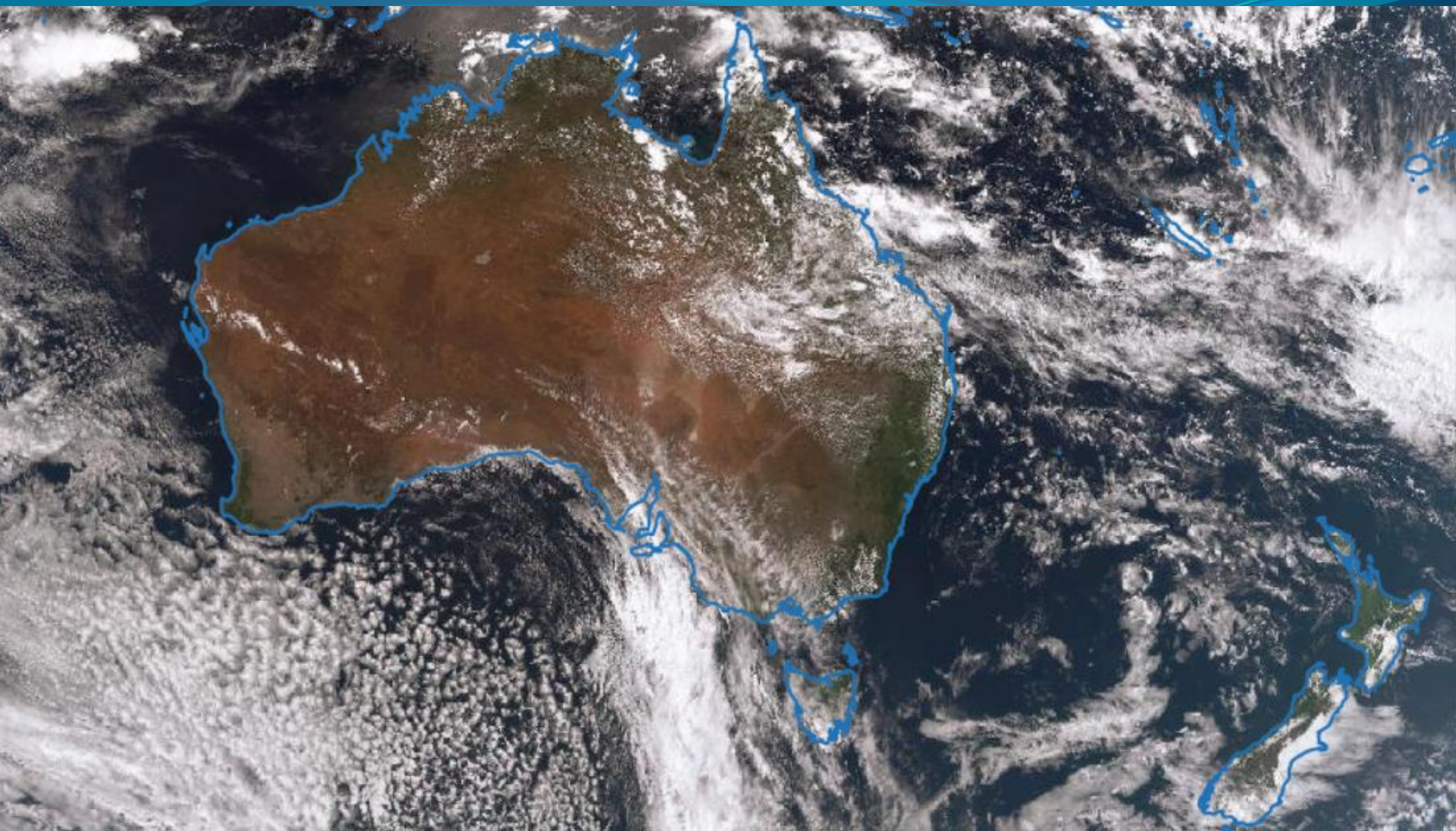
- Show Coordinates



Monday, 13 January 2020 04:40 pm AEDT

Layers +

Slower — ⏪ ▶ ⏩ + Faster



3 pm Monday 11 January 2021

BoM web site www.bom.gov.au

The screenshot shows the BoM website interface. At the top, there is a navigation bar with the Australian Government logo and Bureau of Meteorology name. A search bar is present with the text 'Enter search terms' and a 'Search' button. Below this, a secondary navigation bar lists various Australian states and territories: NSW, VIC, QLD, WA, SA, TAS, ACT, NT, AUSTRALIA, GLOBAL, and ANTARCTICA.

A prominent yellow banner at the top left features a warning icon and the text 'Warnings current', followed by a list of states and territories: NSW, VIC, QLD, WA, SA, TAS, ACT, NT. To the right of this banner is a 'Warning services' dropdown menu.

The main content area is dominated by a satellite image of Australia, with state abbreviations (NT, QLD, WA, SA, NSW, ACT, VIC, TAS) overlaid on the map. To the right of the map are four blue buttons with white text: '> Rain radars', '> Satellite images', '> Weather maps', and '> MetEye'. Below the map, there is an 'Advertisement' placeholder.

Below the satellite image, a section titled 'Weather for Wednesday 5 December' is displayed. To the right of this title is a 'City observations' dropdown menu. The weather data is presented in a grid of eight columns, one for each city: Sydney, Melbourne, Brisbane, Perth, Adelaide, Hobart, Canberra, and Darwin. Each column shows the current temperature, wind direction and speed, maximum temperature, and a brief weather description. At the bottom of each column, it indicates the amount of rain since 9am.

City	Now	Max	Weather	Rain since 9am
Sydney	21.0° ENE 15km/h	23°	Cloudy.	0.0mm rain since 9am in Sydney.
Melbourne	21.2° SSW 13km/h	26°	Mostly sunny.	0.0mm rain since 9am in Melbourne.
Brisbane	22.8° ESE 17km/h	28°	Shower or two.	0.0mm rain since 9am in Brisbane.
Perth	22.6° SSW 11km/h	25°	Partly cloudy.	0.0mm rain since 9am in Perth.
Adelaide	32.9° NNE 6km/h	34°	Sunny.	0.0mm rain since 9am in Adelaide.
Hobart	18.2° SE 19km/h	23°	Mostly sunny.	0.0mm rain since 9am in Hobart.
Canberra	21.4° E 11km/h	27°	Partly cloudy.	0.0mm rain since 9am in Canberra.
Darwin	33.3° W 19km/h	34°	Shower or two. Possible storm.	0.2mm rain since 9am in Darwin.

Current weather observations

<http://www.bom.gov.au/vic/observations/melbourne.shtml>

Latest Weather Observations for the Melbourne Area

[About weather observations](#) | [Map of Melbourne area stations](#) | [All VIC observations](#) | [Latest VIC observations](#) | [Latest Coastal VIC observations](#)

IDV80900

Issued at 3:21 pm EDT Monday 11 January 2021 (issued every 10 minutes, with the page automatically refreshed every 5 minutes)

Where no observation is available within the last 75 minutes, the latest observation is shown in *italics and coloured* and removed from the table after Station names link to data for the previous 72 hours. [These observations have not been quality controlled.](#)

MELBOURNE AREA

	Date/Time EDT	Temp °C	App Temp °C	Dew Point °C	Rel Hum %	Delta- T °C	Wind					Press MSL hPa	Rain since 9am mm	Low Temp °C time	High Temp °C time	Highest Wind Gust		
							Dir	Spd km/h	Gust km/h	Spd kts	Gust kts					Dir	km/h time	kts time
Melbourne (Olympic Park)	11/03:20pm	36.5	33.7	11.3	22	15.0	NNW	17	22	9	12	1007.9	0.0	19.5 04:37am	36.5 03:20pm	NNW	41 02:04pm	22 02:04pm
Melbourne Airport	11/03:20pm	35.9	27.1	3.6	13	17.1	N	39	44	21	24	1008.5	0.0	18.2 04:16am	36.0 03:00pm	N	57 03:18pm	31 03:18pm
Avalon	11/03:20pm	36.3	28.3	9.0	19	15.7	N	41	54	22	29	1007.3	0.0	15.9 04:51am	37.1 03:17pm	N	54 03:20pm	29 03:20pm
Cerberus	11/03:20pm	35.9	31.6	7.0	17	16.1	N	19	26	10	14	1008.0	0.0	16.4 12:23am	36.4 03:16pm	NNW	41 11:06am	22 11:06am
Coldstream	11/03:20pm	35.7	31.8	8.5	19	15.5	N	19	26	10	14	1009.1	0.0	13.9 05:37am	35.8 01:05pm	NNE	41 01:58pm	22 01:58pm
Essendon Airport	11/03:20pm	35.7	29.7	5.1	15	16.5	NNW	26	41	14	22	1008.3	0.0	18.9 05:39am	36.6 03:16pm	NNW	54 03:11pm	29 03:11pm
Fawkner Beacon	11/03:20pm	-	-	-	-	-	NNW	35	41	19	22	-	-	-	-	N	57 01:48pm	31 01:48pm
Ferry Creek	11/03:20pm	30.8	28.8	8.5	25	12.6	N	9	11	5	6	-	0.0	23.4 12:58am	31.0 03:19pm	NE	33 06:14am	18 06:14am
Frankston (Ballam Park)	11/03:20pm	35.5	32.5	10.5	22	14.7	NNW	17	22	9	12	-	0.0	17.4 04:41am	35.7 03:20pm	NNW	35 02:40pm	19 02:40pm
Frankston Beach	11/03:20pm	-	-	-	-	-	NNW	15	15	8	8	-	-	-	-	NNW	30 02:08pm	16 02:08pm
Geelong Racecourse	11/03:20pm	36.0	29.0	6.2	16	16.4	NNW	32	37	17	20	-	0.0	15.8 04:15am	36.9 02:56pm	N	48 12:56pm	26 12:56pm
Laverton	11/03:20pm	35.8	28.6	7.8	18	15.8	NNW	35	43	19	23	1008.0	0.0	17.1 06:45am	36.3 01:46pm	N	54 01:16pm	29 01:16pm
Moorabbin Airport	11/03:20pm	35.5	30.9	11.2	23	14.4	N	26	39	14	21	1008.1	0.0	17.4 06:02am	36.8 01:55pm	-	50 01:58pm	27 01:58pm
Rhyll	11/03:20pm	30.3	27.4	13.9	36	9.9	NNW	22	26	12	14	1008.3	0.0	19.1 06:53am	32.5 02:47pm	NNW	33 11:58am	18 11:58am
Scoresby	11/03:20pm	35.0	33.9	15.3	30	12.4	N	15	26	8	14	-	0.0	17.0 04:45am	35.9 03:14pm	NNW	44 01:35pm	24 01:35pm
Sheoaks	11/03:20pm	34.3	27.6	5.7	17	15.6	NNW	30	37	16	20	1008.0	0.0	17.1 02:44am	35.4 02:29pm	NNW	48 01:26pm	26 01:26pm
South Channel Island	11/03:20pm	-	-	-	-	-	N	35	37	19	20	-	-	-	-	N	39 10:52am	21 10:52am
St Kilda Harbour RMYS	11/03:20pm	-	-	-	-	-	NW	41	52	22	28	-	-	-	-	NNW	54 01:58pm	29 01:58pm

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Warning services



- > Rain radars
- > Satellite images
- > Weather maps
- > MetEye

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Weather for Wednesday 5 December

City observations

Sydney	Melbourne	Brisbane	Perth	Adelaide	Hobart	Canberra	Darwin
Now	Now	Now	Now	Now	Now	Now	Now
21.0°	21.2°	22.8°	22.6°	32.9°	18.2°	21.4°	33.3°
ENE 15km/h	SSW 13km/h	ESE 17km/h	SSW 11km/h	NNE 8km/h	SE 19km/h	E 11km/h	W 19km/h
Max 23°	Max 26°	Max 28°	Max 25°	Max 34°	Max 23°	Max 27°	Max 34°
Cloudy.	Mostly sunny.	Shower or two.	Partly cloudy.	Sunny.	Mostly sunny.	Partly cloudy.	Shower or two. Possible storm.
0.0mm rain since 9am in Sydney.	0.0mm rain since 9am in Melbourne.	0.0mm rain since 9am in Brisbane.	0.0mm rain since 9am in Perth.	0.0mm rain since 9am in Adelaide.	0.0mm rain since 9am in Hobart.	0.0mm rain since 9am in Canberra.	0.2mm rain since 9am in Darwin.

Radar Images

Select location to see its image (or use Radar sites tables: [NSW/ACT](#) | [VIC](#) | [QLD](#) | [WA](#) | [SA](#) | [TAS](#) | [NT](#))



Dedicated Weather Watch Radars should be online at all times, with images updated approximately every 10 minutes, unless there are technical difficulties or scheduled maintenance.

Part-time Windfinding Radars have routine periods when weather watch coverage is not available [See availability table](#).

[Bureau Home](#) > [Radar Images](#) > 128 km Melbourne Radar Loop

128 km Melbourne Radar Loop

[View the current warnings for Victoria](#)

This radar may be experiencing intermittent technical issues and our technicians are currently investigating. In the meantime, please view the alternative radar at [Broadmeadows](#), [other radar locations](#) or [satellite cloud and lightning imagery](#) and watch for [current weather warnings](#). Check [MetEve](#) for weather forecasts and current observations.

Loops	Single images	Radar Site Information	Other Radars	Radar Help		
Radar	64 km	128 km	256 km	512 km composite	National	Doppler wind
Rainfall	5 min	1 hour	Since 9 am	24 hour		

Copyright: Image by Bureau of Meteorology. For related Warnings, see www.bom.gov.au

Nearby radars

Weather observations

Select "Weather Observations" in the "Map Features" below to display the observations here and on the radar map.

Radar controls

Frame: 2
11:49 EDT 5/1/2021

Pointer data

Pointer

- 49 km East
- 15 km South
- 51 km Away
- 107 Degrees

Map Coordinates

- 37 deg 59 min S
- 145 deg 19 min E

Degrees & Minutes
 Decimal Degrees

Origin

- 0 km East
- 0 km North
- Rst.

Pointer data is relative to Origin. Click anywhere on radar image, to set a new

BOM BLOG

Subscribe now

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Map features

- Weather observations
- Locations
- Range
- Topography
- Lakes & major rivers
- Nearby Radars
- River catchments
- Forecast districts
- Roads
- Railways

Want to look at radar data in the past?

<http://www.theweatherchaser.com/radar-loop/>

The Weather Chaser

Weather Radar Map

BoM Radar

Observations

Snow

Composite Radar

Forecasts

Sat

Links

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[Snow Forecasts](#)

[Aus Weather Map](#)

BoM Weather Radar Loops Archive - Rain Rate & Doppler Wind

Historical & Current BoM weather radar loops for Australia including rain rate, and doppler wind radars. See a day, or a week of archived weather

Follow the links for the last day of radar images for the given location. Archives for older dates are maintained back into 2008, with more in the process of being added.

See Also : [Archived Monthly Weather Satellite Movies for Australia](#)



[Adelaide - IDR463](#)



[Adelaide \(Buckland Park\) - IDR643](#)



[Albany - IDR313](#)



[Alice Springs - IDR253](#)



[Bairnsdale - IDR683](#)



[Bowen - IDR243](#)



[Brisbane - IDR663](#)



[Brisbane Airport - IDR433](#)



[Broome - IDR173](#)



[Cairns - IDR193](#)



[Cairns Airport - IDR343](#)



[Canberra - IDR403](#)



[Darwin - IDR113](#)



[Gold Coast - IDR513](#)



[Melbourne - IDR213](#)



[Perth - IDR313](#)

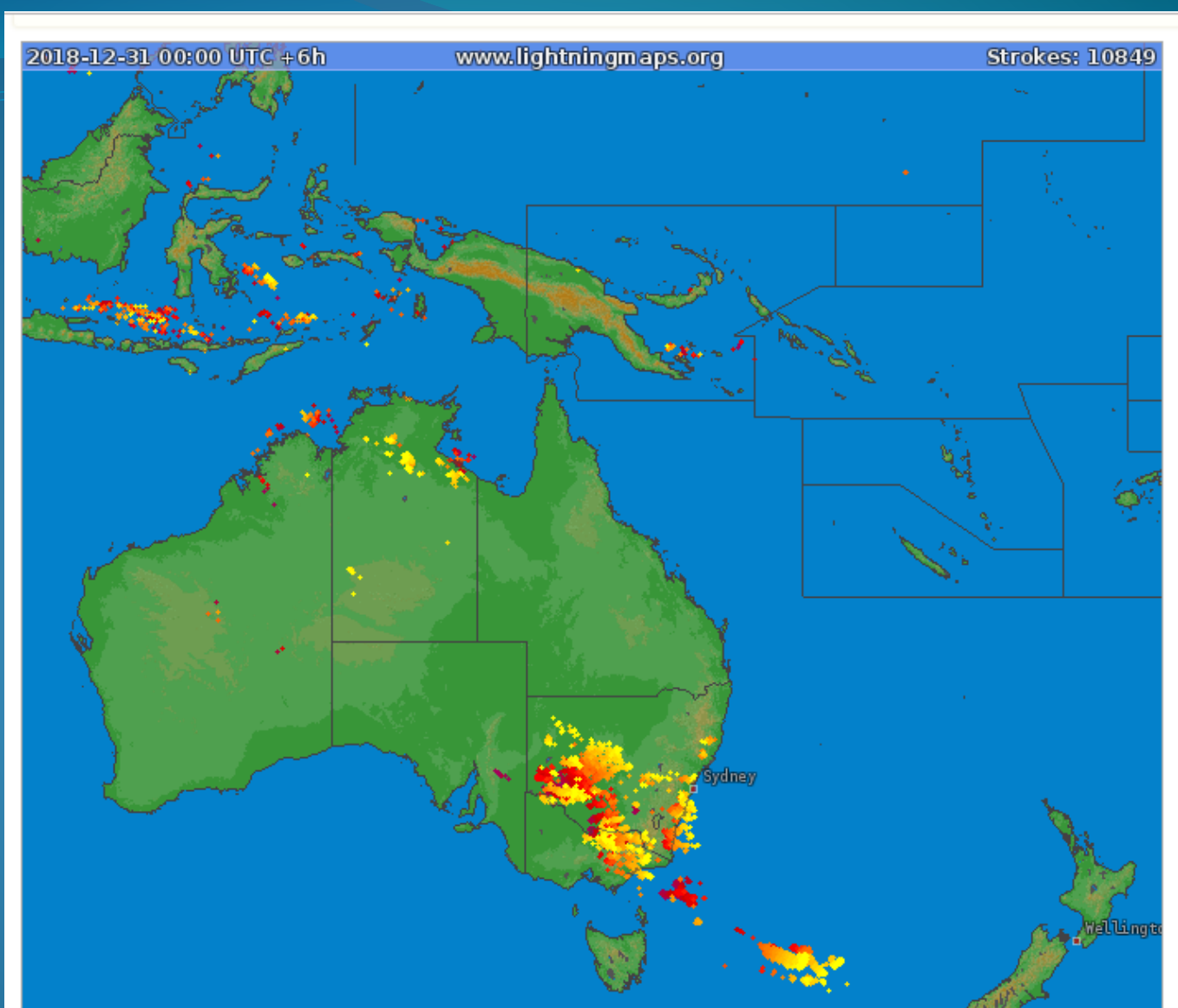


[Sydney - IDR413](#)



[Townsville - IDR213](#)

Lightning maps



<https://www.lightningmaps.org/>

BoM web site www.bom.gov.au

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> Satellite images
> **Weather maps**
> MetEye

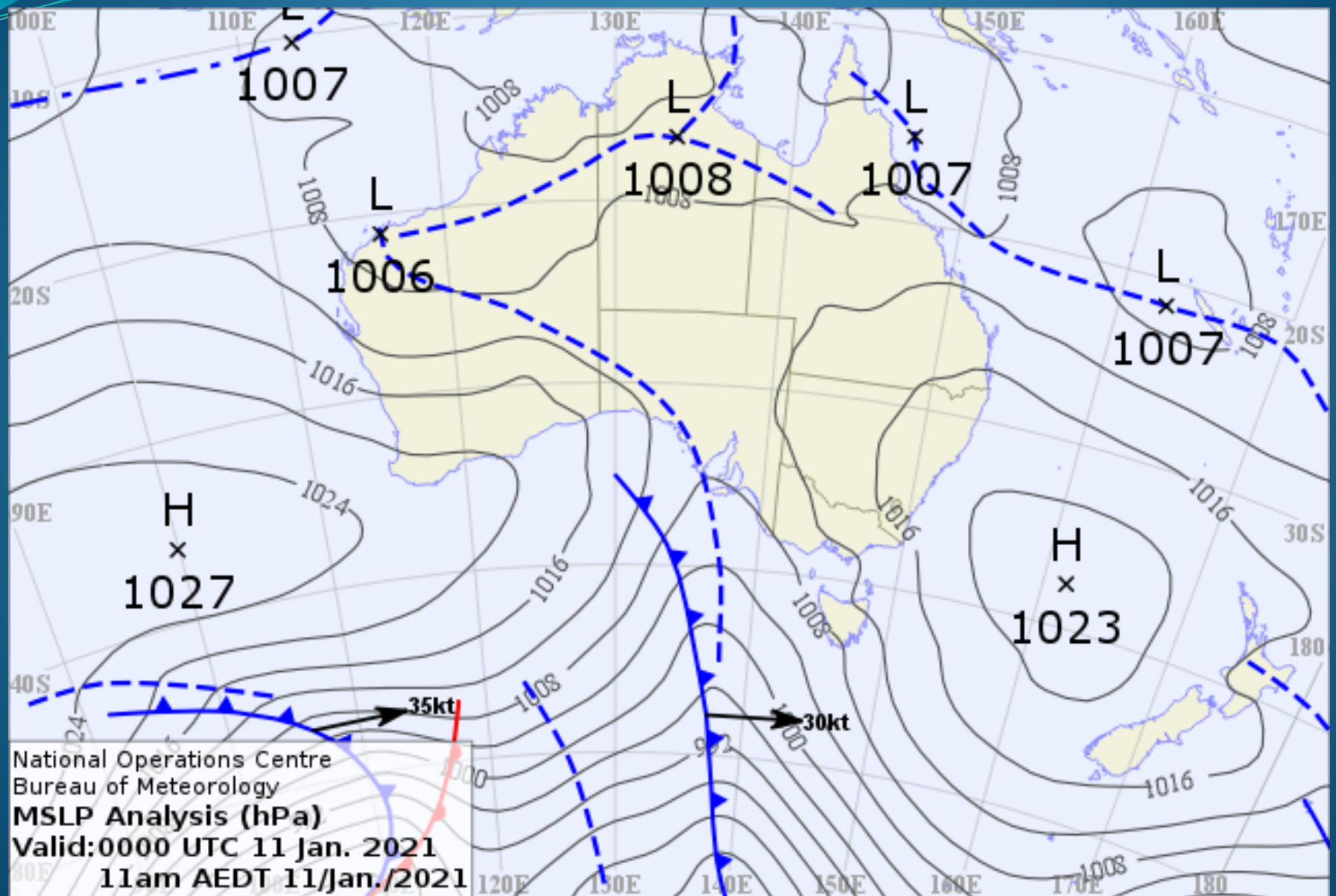
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Weather for Wednesday 5 December

City observations

City	Now	Max	Wind	Clouds	Rain
Sydney	21.0°	23°	ENE 15km/h	Cloudy.	0.0mm rain since 9am in Sydney.
Melbourne	21.2°	26°	SSW 13km/h	Mostly sunny.	0.0mm rain since 9am in Melbourne.
Brisbane	22.8°	28°	ESE 17km/h	Shower or two.	0.0mm rain since 9am in Brisbane.
Perth	22.6°	25°	SSW 11km/h	Partly cloudy.	0.0mm rain since 9am in Perth.
Adelaide	32.9°	34°	NNE 6km/h	Sunny.	0.0mm rain since 9am in Adelaide.
Hobart	18.2°	23°	SE 19km/h	Mostly sunny.	0.0mm rain since 9am in Hobart.
Canberra	21.4°	27°	E 11km/h	Partly cloudy.	0.0mm rain since 9am in Canberra.
Darwin	33.3°	34°	W 19km/h	Shower or two. Possible storm.	0.2mm rain since 9am in Darwin.

<http://www.bom.gov.au/australia/charts/>



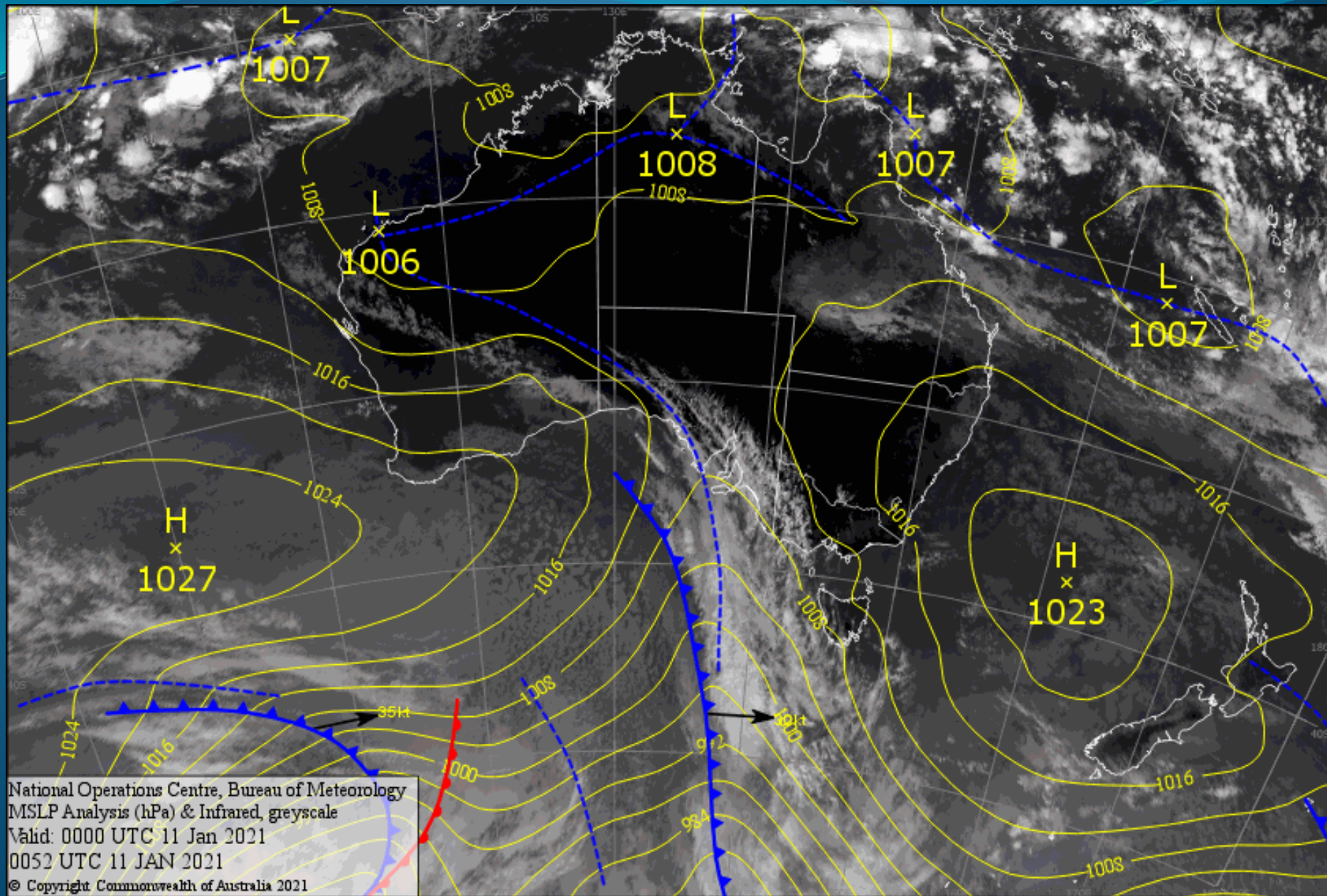
Difference between weather and climate?

Climate is the collective effect of weather events. It deals in statistics such as averages, extremes and typical weather.

Weather maps

Three basic rules for reading weather maps in our part of the world:

- The wind blows clockwise around lows, and anticlockwise around highs (in the Southern Hemisphere; the opposite way in the Northern Hemisphere)
- the closer the isobars (lines of equal pressure), the stronger the wind
- rain and thunderstorms tend to occur in the low pressure zone between highs.



BoM web site www.bom.gov.au

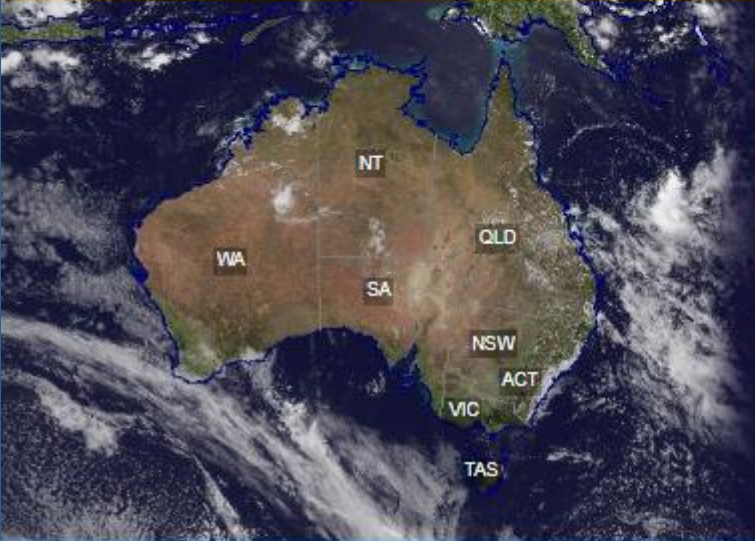
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- > Rain radars
- > Satellite images
- > Weather maps
- > MetEye

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Weather for Wednesday 5 December


City observations

City	Now	Max	Conditions	Rain
Sydney	21.0° ENE 15km/h	23°	Cloudy.	0.0mm rain since 9am in Sydney.
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Darwin	33.3° W 19km/h	34°	Shower or two. Possible storm.	0.2mm rain since 9am in Darwin.

Melbourne Forecast

<http://www.bom.gov.au/vic/forecasts/melbourne.shtml>

Melbourne Forecast

 View the current warnings for Victoria

Forecast issued at 5:05 am EDT on Monday 11 January 2021.

Forecast for the rest of Monday



Max **38**

Hot. Mostly sunny.

Chance of any rain: **10%** 

Melbourne area

Hot, before a cooler change late in the evening. Mostly sunny morning with cloud increasing during the afternoon. Slight chance of a shower in the northwest suburbs later tonight with possible thunder. Winds north to northeasterly 15 to 25 km/h tending north to northwesterly 25 to 35 km/h in the morning then becoming light in the late evening.

Fire Danger - Very High

Sun protection recommended from 9:10 am to 5:40 pm, UV Index predicted to reach 12 [Extreme]

Tuesday 12 January



Min **17** Max **23**

Partly cloudy.

Chance of any rain: **20%** 

Melbourne area

Partly cloudy. Slight (20%) chance of a shower in the early morning with possible thunder. Winds southwesterly 15 to 25 km/h turning southerly 20 to 30 km/h early in the morning.

Sun protection recommended from 9:10 am to 5:40 pm, UV Index predicted to reach 12 [Extreme]


Wednesday 13 January



Min **13** Max **34**

Partly cloudy.

Possible rainfall: **0 to 0.4 mm**

Chance of any rain: **30%** 

Melbourne area

Hot. Sunny morning. Slight (30%) chance of a shower in the afternoon and evening. Light winds becoming north to northwesterly 15 to 25 km/h during the day then turning west to southwesterly 20 to 30 km/h during the afternoon.

Sun protection recommended from 9:10 am to 5:40 pm, UV Index predicted to reach 11 [Extreme]

Thursday 14 January



Min **15** Max **21**









Cloudy.

Chance of any rain: **5%** 

Melbourne area

Partly cloudy. Winds southwesterly 15 to 25 km/h turning southerly 20 to 30 km/h during the afternoon.

7 day Town Forecasts

Location	Min	Max
 Melbourne	-	38
 Geelong	-	38
 Laverton	-	38
 Tullamarine	-	38
 Scoresby	-	38
 Watsonia	-	39
 Mount Dandenong	-	33
 Yarra Glen	-	37
 Frankston	-	36



BOM Weather app

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Forecasts

<http://www.bom.gov.au/vic>

[Bureau Home](#) > [Australia](#) > Victoria Weather and Warnings

Victoria Weather and Warnings




[View the current warnings for Victoria](#)


Forecasts


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[Marine services](#)

 [District and marine forecasts via clickable map](#)

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[Weather system maps – next 4 days](#)

[Australian Alps Weather](#)

Alpine weather overviews




Observations

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[Melbourne area latest observations](#)

[VIC latest observations](#)

 [Latest rainfall & river conditions via clickable map](#)

Radars

[Melbourne radar](#)



 [Select location to see its image.](#)


[All radar sites for Victoria](#)


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[Water Storage](#)

Discover how much



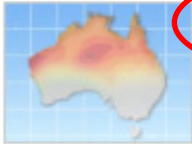
Weather Maps

<http://www.bom.gov.au/australia/charts/>

[Bureau Home](#) / [Australia](#) / [Weather maps](#)

Weather Maps

Numerical Weather and Ocean Prediction Maps



- [Interactive Weather and Wave Forecast Maps](#)
- [Numerical Weather Prediction \(NWP\) Products](#)

Australian Region



- [Mean Sea Level Pressure \(MSLP\) map](#)
- [Latest Colour Mean Sea-Level Pressure Analysis and Infrared Greyscale Satellite](#)
- [Short-term forecast](#)
- [Forecast map for next 4 days](#)
- [UV Forecast](#)

Tropical Region



Mean Sea Level Pressure (MSLP)

- [Asia MSLP Analysis 00 UTC](#)

Gradient Level Wind (GLW)

- [Gradient Level Wind Analysis: 00 UTC or 12 UTC](#)
- [Pacific Ocean GLW \(A\): 00 UTC or 12 UTC](#)
- [Indian Ocean GLW \(B\): 00 UTC or 12 UTC](#)

Southern Hemisphere



- [Southern Hemisphere MSLP Analysis](#)
- [Pacific Ocean MSLP Analyses](#)
- [Indian Ocean MSLP Analyses](#)

Related Information

- ▶ [Analysis & Prediction Operations Bulletins](#)
- ▶ [Interpreting the MSLP Analysis](#)
- ▶ [Interpreting the Gradient Level Wind Analysis \(Asia Region\)](#)



NWP Data Files

- ▶ [ACCESS Data Files Documentation](#)
- ▶ [AUSWAVE Data Files Documentation](#)

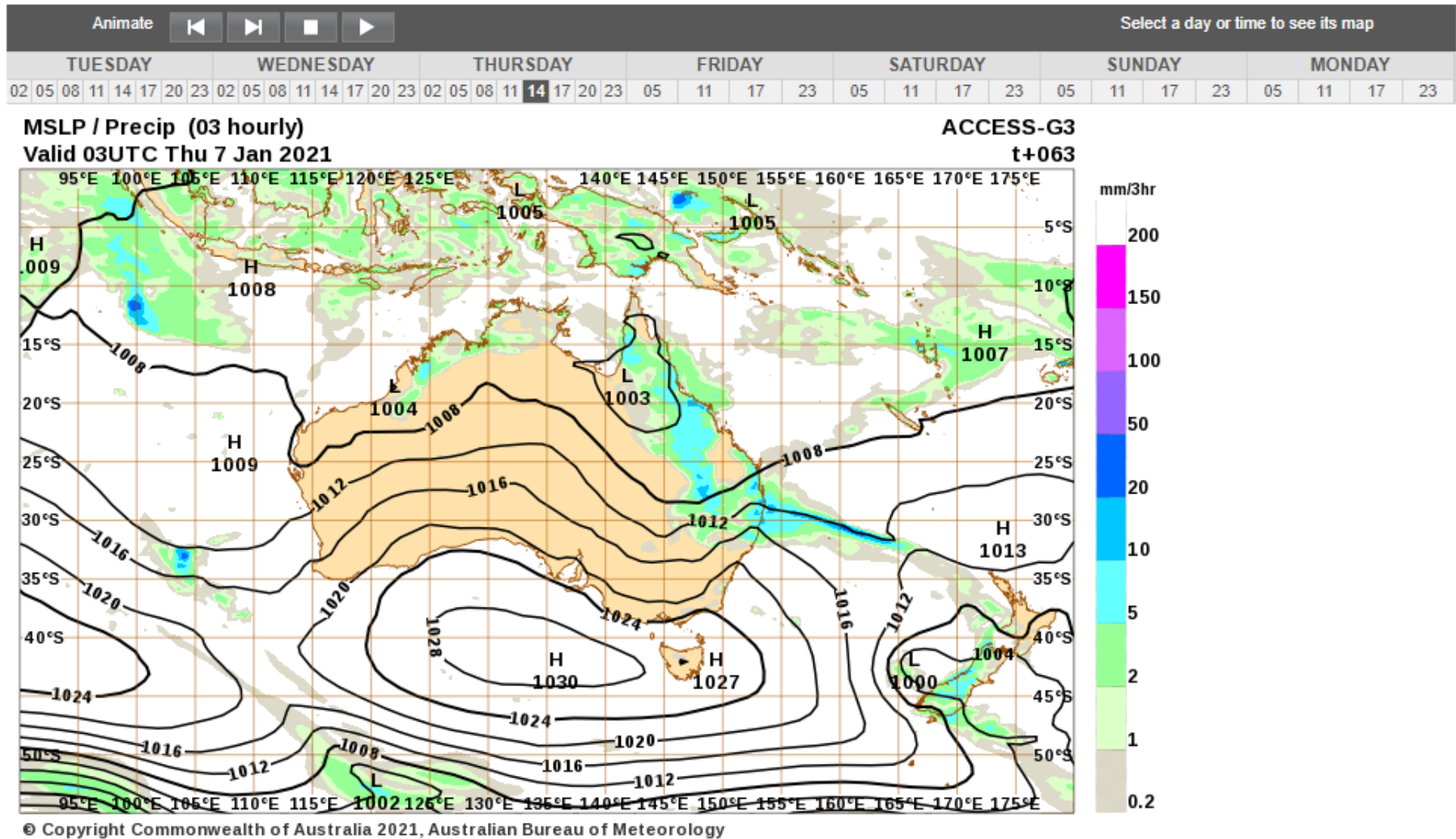
Map Archives

- ▶ [Analysis Chart Archive](#)
- ▶ [Climate Map Archive](#)




Computer forecast weather maps

<http://www.bom.gov.au/australia/charts/viewer/>



Forecast for 14:00 AEDT on Thursday 7 January 2021

Warnings current ANTARCTICA
 NSW | VIC | QLD | WA | SA | TAS | ACT | NT Warning services



- Rain radar
- Satellite
- Weather maps
- Meltye

Forecast for Friday 7 December City observations

Sydney	Melbourne	Brisbane	Perth	Adelaide	Hobart	Canberra	Darwin
Now	Now	Now	Now	Now	Now	Now	Now
22.5°	34.8°	24.2°	21.7°	37.8°	29.2°	27.6°	32.2°
NE 25km/h	NW 24km/h	SE 20km/h	SW 17km/h	W 11km/h	NNE 13km/h	ENE 15km/h	WNW 24km/h
17° 26°	25° 38°	19° 26°	13° 26°	28° 38°	15° 27°	13° 32°	29° 35°
Mostly sunny.	Hot. Windy.	Shower or two.	Sunny.	Very hot. Partly cloudy.	Partly cloudy.	Sunny.	Possible shower or storm.
0.0mm rain since 0am in Sydney.	0.0mm rain since 0am in Melbourne.	0.0mm rain since 0am in Brisbane.	0.0mm rain since 0am in Perth.	0.0mm rain since 0am in Adelaide.	0.0mm rain since 0am in Hobart.	0.0mm rain since 0am in Canberra.	0.0mm rain since 0am in Darwin.

Our services

- Agriculture
- Climate and Past Weather
- Water Information
- Aviation Weather Services
- Marine and Ocean
- UV and Sun Protection
- Environmental Information
- Registered Users and Data Services

News and events Specialised services

- Labelled media releases
- Business articles region 2017-18
- Business change
- Business Solutions
- Labelled ENSO wrap-up
- Service announcements
- Research
- Defence services
- Special climate statements
- All news and events
- WMO activities
- Space weather services

Heatwaves Forecast


Help shape the future of Bureau services

BOM Weather App available now

Business and Public Sector Solutions

Climate and past data

<http://www.bom.gov.au/climate/>




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NSW | VIC | QLD | WA | SA | TAS | ACT | NT | AUSTRALIA | ANTARCTICA

Bureau Home > Long-range weather and climate

Long-range weather and climate




Monthly, seasonal, annual and event summaries.
[Climate reports and summaries](#)



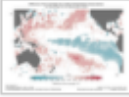
Moderate to heavy falls across the northern tropics; moderate falls across eastern Australia.
[Weekly rainfall report](#). 22 Dec 2020



Monsoon arrives early at Darwin
[Weekly tropical climate note](#) 22 December 2020




First quarter of 2021 likely to be wetter than average, particularly eastern states; warmer days in coastal regions; warmer nights almost Australia-wide.
[Rainfall and temperature outlooks](#) 24 December 2020



La Niña continues; may be approaching its peak
[Climate Driver Update](#) 22 December 2020



Deficiencies expand in southeast Queensland and continue in WA
[Drought statement](#) 4 December 2020



Early rainfall onset likely for most of northern Australia
[Northern rainfall onset outlook](#) 27 August 2020

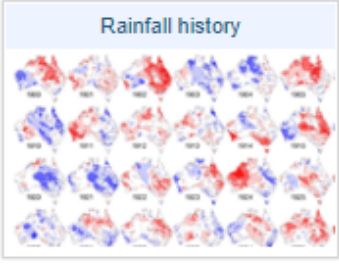
Recent rainfall



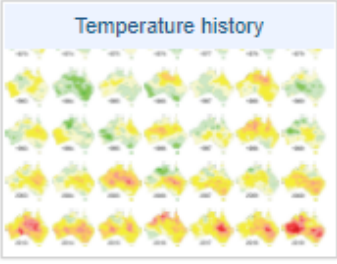
Rainfall outlook



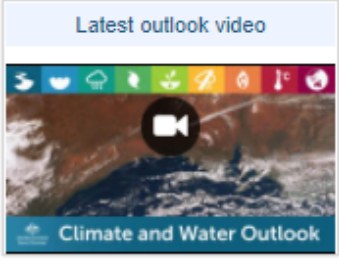
Rainfall history



Temperature history

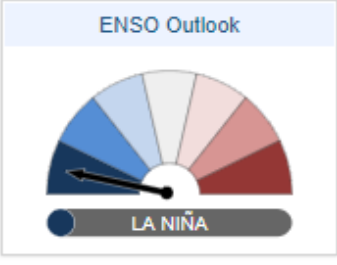


Latest outlook video



[Climate and Water Outlook](#)

ENSO Outlook



LA NIÑA




Climate

- Outlooks & drivers
- News & reports
- Weather station data
- Data services
- Maps – history to now
- Maps – averages
- Climate change
- Extremes and records
- About Australian climate

[Home](#) > [Marine & Ocean](#)


Marine & Ocean



[NSW](#) [VIC](#) [QLD](#) [WA](#) [SA](#) [TAS](#) [NT](#)

 **Warnings**   Select state using the tabs above.

Current:

- [Marine Wind Warning Summary for Victoria.](#)

 [Reference points used in Coastal Wind Warnings](#)

Forecasts	Observations
Port Phillip	Latest weather for the Melbourne area
Western Port	Live wind map for Victoria
MetEye forecast wind and wave maps for Port Phillip and Western Port	Latest coastal weather
Gippsland Lakes	 Coastal observations via clickable map
 Local & coastal waters forecasts via clickable map	 Latest weather graphs via clickable map
Bass Strait and approaches	Radar Viewer
MetEye forecast wind and wave maps	

National Services

Forecast Wind	Tide Predictions	Sea Temperature & Currents	Interactive Weather and Wave Maps
High Seas Forecasts	Coral Bleaching in the Great Barrier Reef	Marine Lite	Port Air Pressure

MetEye – a point and click map view of weather forecasts for any location <http://www.bom.gov.au/australia/meteye>

Australian Government Bureau of Meteorology

HOME | ABOUT | MEDIA | CONTACTS | Enter search terms | Search

NSW VIC QLD WA SA TAS ACT NT AUSTRALIA | ANTARCTICA

Bureau Home > Australia > MetEye

MetEye - your eye on the environment™

View the current warnings for Australia

Start typing, then select from list (town, city, postcode or lat/lon) | Locate | Find me | Time zone: AEDT

LATEST WEATHER

Current Temp, Rain, Wind ...

FORECASTS

Rainfall Forecasts

Wind Forecasts

Wind speed and direction (km/h)

Wind speed and direction (knots)

Updated 5 Jan 2021, 10:13 AM AEDT

Mixing height

Clear info

Overlay

Latest rain radar

Updated 5 Jan 2021, 12:24 PM AEDT

Mean Sea Level Pressure (hPa)

Waves Forecasts

Temperature Forecasts

Storms, Snow, Fog, Frost ...

Humidity Forecasts

UV Index Forecasts

Tuesday, 5 January 2021

Wed Thu Fri Sat Sun Mon Tue

11:00 14:00 17:00 20:00 23:00

LEGEND

Wind speed (knots)

- 15 +
- 35 - 45
- 30 - 35
- 25 - 30
- 20 - 25
- 15 - 20
- 10 - 15
- 5 - 10
- 0 - 5
- no data

Perth Darwin Brisbane Sydney Canberra Melbourne Hobart Adelaide

500 km 200 nm

14.98°S, 148.89°E

Place names

Search marker

Saved locations

Forecast locations

Forecast districts

Marine zones

Roads & railways

Rivers & lakes

Catchments

Text view – using Nunawading as the location

Home > Places > Victoria > Nunawading Weather

Nunawading Weather (beta)

MAP VIEW
MetEye

View the current warnings for Victoria

Change location

17.4 °C

Lowest Highest
15.2 °C 18.1 °C
9:30 pm 12:00 pm

0 mm
of rain since 9 am

Latest weather at 12:20pm

91% Humidity
SSE Wind Direction
17 km/h Wind Speed
9 knots
28 km/h Highest Gust
15 knots (11:18am)

WEATHER STATION

Scoresby

Approx. 9.5 km away

ID: 95867

Forecast

issued at 11:00 am AEDT on Tuesday 5 January 2021.

Rest of Tuesday  14 °C 21 °C


When will it rain?

	Possible rainfall	Chance of any rain
11:00 am - 2:00 pm	0.4 - 2 mm	60% 
2:00 pm - 5:00 pm	1 - 3 mm	80% 
5:00 pm - 8:00 pm	0 - 0.8 mm	40% 
8:00 pm - 11:00 pm	0 mm	20% 
11:00 pm - 2:00 am	0 mm	10% 
2:00 am - 5:00 am	0 mm	10% 


Wed 6 Jan  13 °C 20 °C

Possible rainfall: 0 to 0.4 mm Chance of any rain: 40% 

Thu 7 Jan  12 °C 27 °C

Possible rainfall: 0 mm Chance of any rain: 0% 

Fri 8 Jan  11 °C 27 °C

Possible rainfall: 0 mm Chance of any rain: 0% 

WEATHER OVERVIEW


DETAILED 3-HOURLY FORECAST

EXTENDED FORECAST (7-DAY)

CURRENT AND PAST WEATHER

BUREAU OF METEOROLOGY
CSIRO

State of the
Climate
2020

Read more 

Advertisement

RADAR



MetEye

- Underlying MetEye is a database of the official forecasts in gridded format
- The database is produced by Bureau forecasters working on guidance that comes from the computer weather models
- It is updated twice a day but old data is rolled off
- Other weather web sites and apps use a similar underpinning IT architecture but are often based on raw computer model output (often the USA model as it is freely available)
- The best computer model for the globe as a whole at the moment is that of the European Centre for Medium-Range Weather Forecasts (ECMWF)
- A good time for a break and questions



BOM Weather App

Australia's official weather app. Live, local and from the trusted source.

Download BOM Weather for access to localised hourly and 7 day forecasts, radar and warnings – wherever you are – from Australia's official weather source, the Bureau of Meteorology.

Available free and ad free on mobile and tablet devices, with widgets for Android users.

Download Australia's official weather app today



Mobile

Tablet

Weather overview

View weather that moves with your location



Radar

Our popular rain radar, now with pan and zoom



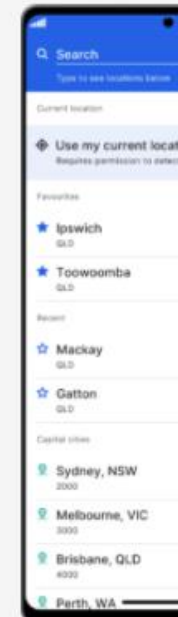
Hourly forecast

Hourly forecast information for 72 hours ahead



Locations

Save favourites and view locations



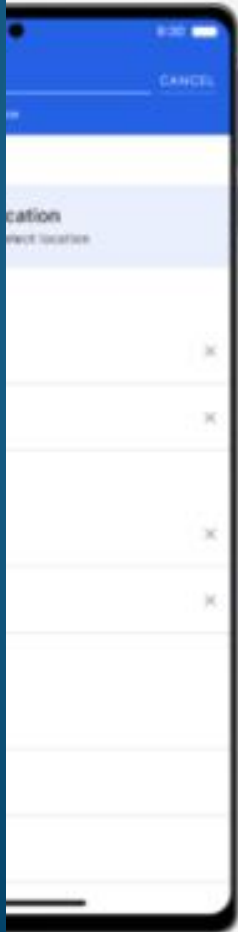


BOM Weather App

Mobile Phone version (continued)

Daily forecast

View daily forecasts, now with UV and fire danger ratings



Warnings

View localised weather warnings



Widget

Add widgets for locations that matter to you





BOM Weather App

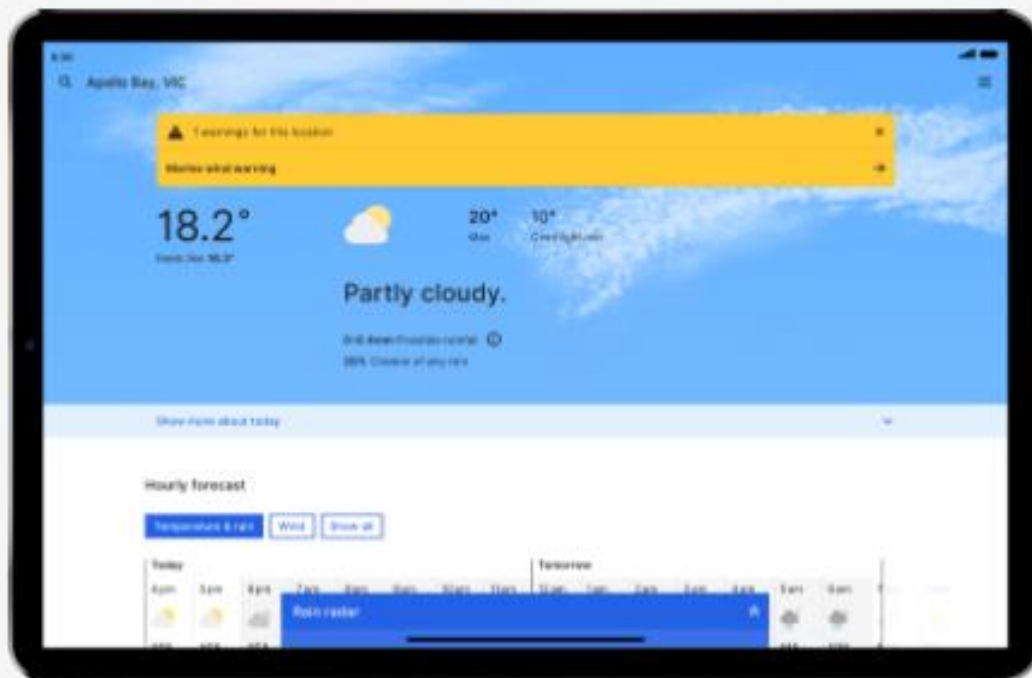
Tablet version

Mobile

Tablet

Weather overview

View weather that moves with your location



Radar

Our popular rain radar, now with pan and zoom



31.8°



Max 32° Overnight Min 17°

Feels like 30.5°

Wind NE 7km/h

Chance of any rain 0%



Show more about today

3 hourly forecast for the days ahead

Today		Tomorrow								Wednesday				
8pm	11pm	2am	5am	8am	11am	2pm	5pm	8pm	11pm	2am	5am	8am	11am	2pm
27°	21°	19°	17°	19°	27°	33°	33°	30°	25°	22°	21°	24°	30°	33°
0%	0%	0%	0%	0%	0%	5%	10%	0%	0%	5%	20%	10%	50%	50%

Show more

Forecast for the days ahead

Tomorrow	Wednesday	Thursday	Friday	Saturday	Sunday
34° 17°	33° 21°	21° 15°	25° 13°	28° 15°	23° 16°
Chance of rain 10%	Chance of rain 60%	Chance of rain 40%	Chance of rain 10%	Chance of rain 50%	Chance of rain 60%

Weather.bom.gov.au

A web page suitable for desktop computer, tablet, or smartphone.

Rain radar



Features of BOM Weather – and many other similar apps.

- Bureau's weather warnings, forecasts and observations - **all specific to the user's location**
- A radar viewer that allows users to pan and zoom between radars
- regularly updated advice on whether it's likely to rain at a location (if radar coverage is available)
- 3-hourly weather forecasts for the next 48 hours showing how the weather will change throughout the next two days
- metadata showing when the forecast was published, and where observation data are sourced.

Weatherzone

<http://www.weatherzone.com.au/>

The screenshot shows the Weatherzone website interface. At the top, there's a navigation menu with categories like WEATHER, RADAR & MAPS, MARINE, AGRICULTURE, SURF & SNOW, CLIMATE, SERVICES, and APPS. Below this, the 'Australian Weather' section is active, featuring a search bar and a 'CURRENT WARNINGS' section for Queensland (Qld) on Tuesday 11:42 EST, with a 'Flood Warning - Ross River' alert. The main part of the page is a map of Australia displaying current weather conditions for numerous cities, including Darwin (29°C/33°C), Kununurra (26°C/39°C), Cairns (25°C/32°C), Port Hedland (28°C/38°C), Townsville (25°C/30°C), Alice Springs (21°C/30°C), Rockhampton (24°C/34°C), Brisbane (23°C/33°C), Coorparua (17°C/30°C), Coffs Harbour (21°C/30°C), Geraldton (23°C/38°C), Ceduna (14°C/22°C), Sydney (19°C/27°C), Perth (19°C/35°C), Adelaide (13°C/24°C), Canberra (15°C/27°C), Melbourne (16°C/20°C), Devonport (12°C/21°C), and Hobart (13°C/22°C). A high-pressure system (H 1030) is shown over the southern part of the continent. Below the map, there are sections for 'NATIONAL SUMMARY' and 'CAPITAL CITIES', with a table for Sydney showing a possible thunderstorm with a high of 27.0, a low of 19, and a max of 27. A social media widget for Weatherzone (203,228 likes) is also visible.

The screenshot shows the Weatherzone mobile app interface for the location 'Nildottie'. The time is 9:41. The current weather is 'Now' with a temperature of 15.2°C, updated at 12:58 PM. It feels like 9.8°C. The forecast for 'Today' is 'Mostly Sunny' with a high of 17°C and a low of 10°C. Wind is from the West-Northwest (WNW) at 28 km/h, with gusts to 39 km/h. There is a 5% chance of rain (<1mm). The app also shows a 'RADAR' button and a photo of a river landscape.

Weatherzone – originally developed by a former BoM employee but now owned by Nine Media. It uses Bureau data mostly. Some free services but others require a subscription.

Home > Victoria > Melbourne > Nunawading

Nunawading Weather

37.82°S 145.18°E 124m AMSL

OBSERVATIONS ▾ CURRENT ▾ FORECAST

Scoresby Forecast



Today **21°C**
Tonight **13°C**

Now

17.9°C

Updated at 12:50 E

Melbourne for Tuesday Cloudy. Very high chance of rain, easing to show afternoo. Winds S 25 to 35 km/h.

CURRENTLY AT SCORESBY

Temperature	17.9°C
Dew Point	16.2°C
Feels Like	17.5°C
Relative Humidity	90%
Wind	▲ S 12km/h
Wind Gusts	19km/h
Pressure	-
Fire Danger	1.4
Rain since 9am last hr	0.0mm / -

24-Hour Graph

SUN ON TU

Sunrise
Sunset

NEARBY NO

Viewbank
Melbourne
Moorabbin Ap
Coldstream

FIRE DANGE

MOD

NEXT 12 HOURS IN SCORESBY

3pm	6pm	9pm	12am
Slight chance shower	Chance shower	Mostly cloudy	Slight chance shower
21°C	20°C	18°C	16°C

MELBOURNE WEATHER WARNINGS

View All

Vic - Tue 10:11 EDT

Severe Brown Rot Advice for Central, West & South Gippsland & East Gippsland. Brown Rot Advice for North East. Cancelled for South West.

Home > Victoria > Melbourne > Nunawading > Detailed Forecast

Nunawading Weather

37.82°S 145.18°E 124m AMSL

NEXT 48 HOURS IN SCORESBY

	Weather	Temp	Chance of rain	Cloud	Wind	Dew point	Humidity
Tuesday, January 5							
3pm	Slight chance shower	21°C	46%	53%	▲ S 17km/h	20°C	94%
6pm	Chance shower	20°C	65%	82%	▲ S 16km/h	19°C	93%
9pm	Mostly cloudy	18°C	28%	73%	▲ SSW 9km/h	17°C	97%
Wednesday, January 6							
12am	Slight chance shower	16°C	42%	84%	▲ SSW 7km/h	15°C	97%
3am	Intermittent rain	14°C	62%	84%	▲ SSW 7km/h	14°C	99%
6am	Mostly cloudy	13°C	24%	81%	▲ SSW 7km/h	13°C	99%
9am	Mostly cloudy	15°C	20%	88%	▲ SSW 12km/h	14°C	92%
12pm	Mostly cloudy	19°C	7%	78%	▲ SSW 14km/h	14°C	76%
3pm	Mostly clear	20°C	5%	34%	▲ SSW 15km/h	15°C	72%
6pm	Mostly clear	20°C	5%	49%	▲ SSW 15km/h	15°C	71%

Enter town or postcode...

SIGN UP LOGIN

DISPLAY YOUR LOCAL WEATHER

Weather News >

Deluge continues in north Queensland with towns on flood watch after Tropical Cyclone Imogen downgraded

12:28 EDT

Ex-tropical cyclone Imogen is continuing to dump heavy rain on Queensland's north, with "intense" falls, flash flooding and "damaging to destructive winds" possible as the system hovers over the region.

Tropical Cyclone Imogen delivers falls of more than 200mm to Queensland Gulf communities

00:28 EDT

Hundreds of people in Far North Queensland are set to spend a second night without power after Tropical Cyclone Imogen crossed the coast.

[Tweets by @weatherzone](#)



66,455



Enter Location or Postcode



°C



Weather Wind Rainfall Sun Moon UV Tides Swell More

Victoria Weather Forecast

Australia / VIC



Real-Time Extremes [View More](#)

Nation	State
Hottest	32.7 °C
Walpeup (Research S...	
Coldest	14.6 °C
Falls Creek, VIC	
Windiest	59.3km/h
Gabo Island Lightho...	



- Based on BoM data
- iPhone and Android Apps
- Can pay to remove ads

Weather Wind Rainfall Sun Moon UV Tides Swell More

Australia Weather Forecast

Australia

- Australian Capital Territory
- New South Wales
- Northern Territory
- Queensland
- South Australia
- Tasmania
- Victoria
- Western Australia
- Offshore Territories

Real-Time Extremes [View More](#)

- Hottest** 38.3 °C
Century Mine Airport, QLD
- Coldest** 8.4 °C
Kunanyi (Mount Wellington), TAS
- Windiest** 55.5 km/h
Geraldton Airport, WA
- Wettest (Last Hour)** 10.8 mm
Mount Baw Baw, VIC

Get an account to remove ads

Australia Weather News [All News](#)

Sydney news: Woman pinned in caravan as wild weather lashes Sydney and the Central Coast 5h ago
MORNING BRIEFING: A 26-year-old woman sustains neck injuries after a tree falls onto a caravan during yesterday afternoon's storms, while coronavirus warnings are issued for new venues in Sydney.

[Deluge continues in north](#) 8h ago

National Radar

National Satellite

National Sea Level Pressure



iOS App



Android App



Widgets



Warnings

WillyWeather for Android ★★★★★ 1,290

A feature-rich Android app delivering accurate local weather, from the Australian Bureau of Meteorology and other weather providers.

 Available Free
On Google Play



“Best Weather app ever!”

— Oscar Purtell

Willy Weather – app

6:21

Weather

Tuesday Jan. 14 18 29
Smoke haze

19 °C 18 °C 20 °C 25 °C 29 °C 29 °C 27 °C
2 am 5 am 8 am 11 am 2 pm 5 pm 8 pm

Melbourne

Patchy fog in the outer suburbs during the early morning. Mostly sunny apart from areas of smoke haze. Slight (20%) chance of a shower or thunderstorm across the outer northern suburbs during the late afternoon and evening. Winds west to northwesterly 15 to 20 km/h tending southeast to southwesterly in the middle of the day then tending west to southwesterly in the late evening.

Wednesday Jan. 15 21 31
Humid. Possible storm

Thursday Jan. 16 16 19
Cloudy

Friday Jan. 17 15 24
Partly cloudy

Saturday Jan. 18 17 27
Possible shower

Sunday Jan. 19 19 24
Shower or two

6:19

Wind

St Kilda Melbourne, VIC

Current Speed 7.4 km/h ↓ N **Gusts** 7.4 km/h

Recorded at **St Kilda Harbour (Royal Melbourne Yacht Squadron)** (1.4 km away)

1-Day **3-Day** **5-Day**

Wind speed

Mon Jan. 13

6:10 PM N 7.4 km/h Light

Wind Forecast

Wind Real-Time
St Kilda Harbour (Royal Melbourne Yacht Squadron) (1.4 ...

Issued Today at 5:17 PM

Elders Weather

FORECAST | RADARS & MAPS | WARNINGS | NEWS | RAIN | CHARTS | CLIMATE | MARINE & SURF | INFORMATION

Weather Home > Australia

FORECAST | CURRENT CONDITIONS | SYNOPTIC CHART | SATELLITE | RADAR

Australia Weather Forecast
FOR THURSDAY

NOW | **THU** | FRI | SAT | SUN

NATIONAL SUMMARY
A trough is generating hot, dry gusty winds in SA, VIC and TAS, raising fire danger. This and another trough are triggering showers and storms over inland WA, western SA and the tropics. A front is cooling southern WA with brisk winds and showers.

STATE FORECASTS
NSW NT QLD SA TAS VIC WA

FORECASTS FOR THURSDAY

Location	Forecast	Temperature		Rain		Frost Risk	UV	Wind		Relative Humidity	
		Min	Max	Chance	Amount			9am	3pm	9am	3pm
<u>Sydney</u>	Mostly sunny	17°C	26°C	5%	< 1mm	Nil	Extreme	NNE 17km/h	ENE 29km/h	55%	51%
<u>Melbourne</u>	Cloud and wind increasing	25°C	38°C	20%	< 1mm	Nil	Extreme	NNE 26km/h	N 24km/h	36%	28%
<u>Brisbane</u>	Possible shower	19°C	26°C	50%	< 1mm	Nil	Extreme	SE 28km/h	ESE 32km/h	58%	57%
<u>Perth</u>	Sunny	13°C	25°C	5%	< 1mm	Nil	Extreme	S 10km/h	SW 27km/h	55%	44%
<u>Adelaide</u>		28°C	38°C	50%	1-5mm	Nil	Extreme	NNE 25km/h	WNW 26km/h	18%	17%

WARNINGS

- SA THU 20:23 CDT Severe Thunder...
- NT THU 18:36 CST Severe Weather...
- WA THU 16:02 WST Coastal Wind ...
- WA THU 15:19 WST Fire Weather ...
- WA THU 15:05 WST Severe Thunder...
- QLD THU 15:50 EST Coastal Strong ...
- VIC THU 16:40 EDT Coastal Strong ...
- SA THU 16:09 CDT Total Fire Ban F...
- SA THU 15:57 CDT Coastal Wind ...
- NSWACT THU 16:05 EDT Coastal Wind ...

View all current warnings

ELDERS WEATHER APPS

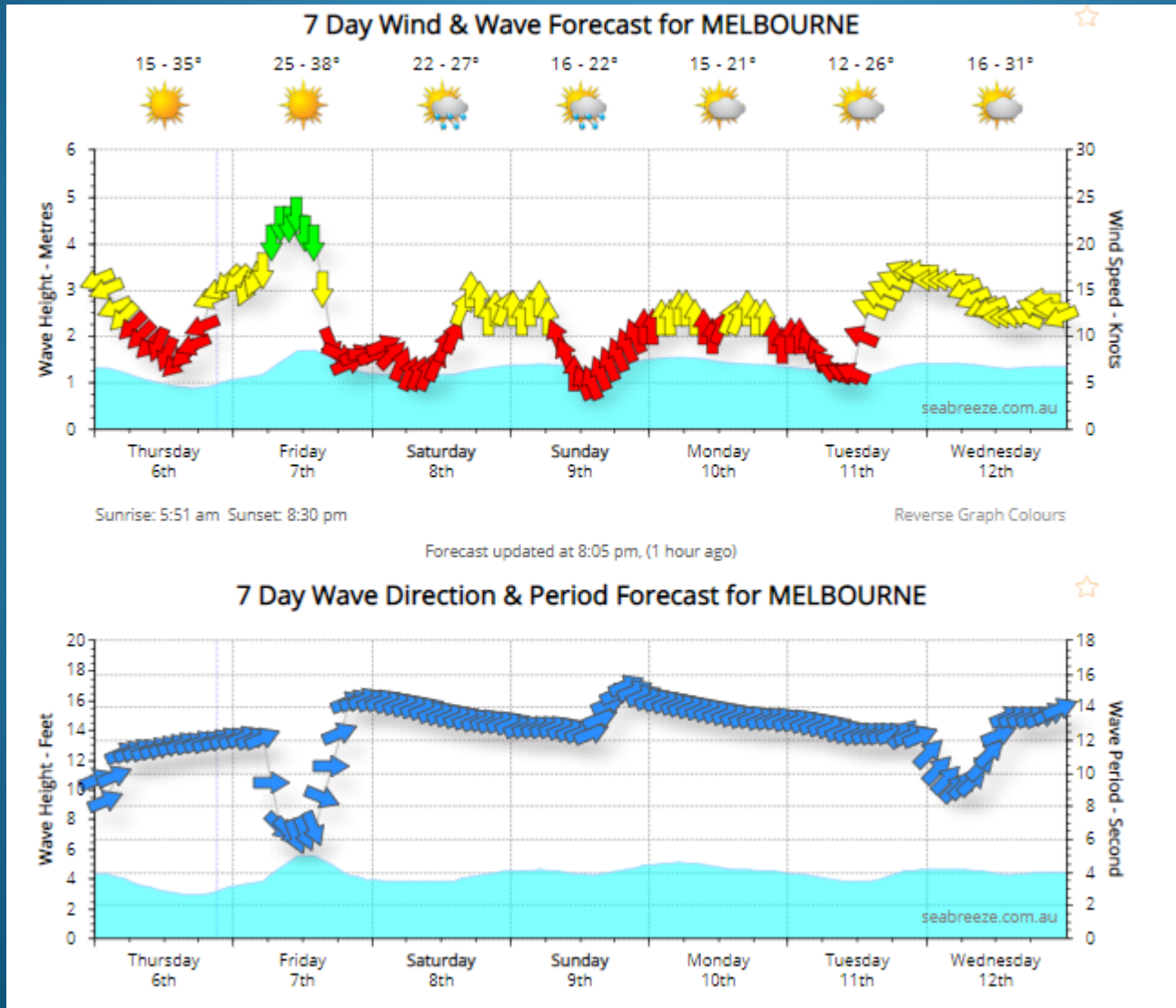
Download on the App Store | GET IT ON Google Play

Based on Information provided by Weatherzone



<https://www.seabreeze.com.au/weather/>

Also available as Smartphone/tablet app





Australian Weather

AUS Weather

Mobile Friendly

FAQs

Contact us



Australian Weather Information



Australian Weather Information for iPad



Australian Weather and Widgets

Australian Weather (AUS Weather) apps for iPhones, iPads and Android devices are weather tools for every day weather follower and professionals. We aim to display all important weather information in a user friendly interface that anyone can understand. It uses the power of design, graphs, charts and maps to display the weather information so you can be sure you are up to date with all the weather information.



http://weatherinfo.com.au/aus_weather/app/



Australian Weather

AUS Weather

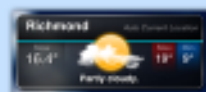


Australian Weather Information



Australian Weather Information for iPad

Australian Weather (AUS Weather) apps for iPhones, iPad Android devices are weather tools for every day weather for professionals. We aim to display all important weather information in a user friendly interface that anyone can understand. It uses good design, graphs, charts and maps to display the weather so you can be sure you are up to date with all the weather



Auto Location Finder

No matter where you are in Australia be assured the auto location finder will find the weather information for you. Auto location is implemented in all our apps and in the top favorite location. Auto location will locate your position and display the weather conditions specifically for that location.



Charts, Graphs and Maps

A picture is worth a thousand words. The use of charts, graphs and maps we made our app easy to read so you don't have to spend your time decrypting the weather information. Visually see the current and forecast weather information with the aid of powerful visual representations.



Accurate Information

We know that the main feature about any weather information is to have accurate weather observations and forecasts. So our apps are constantly updated from Australian Bureau of Meteorology (BOM). Thanks to these guys (BOM) we (Australians) have one of the most comprehensive and precise meteorology data in the world.

So you will be confident that you are getting the best weather observations and forecasts.



Radar Maps

Radar maps are one of the most powerful tools any weather user has in their disposal. So we have one of the fastest and latest radar maps available. The radar maps are:

- › Rain Radars (84km, 128km, 256km, 512km)
- › Rainfall Radars (6 min, 1 hour, Since 9am, 24 hour)
- › Doppler Wind Radar
- › National Rain Radar with Satellite Cloud Cover

Since we know the importance of viewing rain patterns and predictions

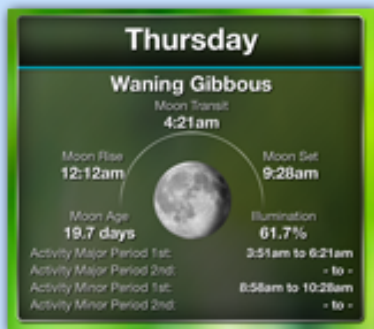
we have placed a static radar image in the home observation screen so you can view any incoming rain.



7 Day forecast

Our weather forecasts are detailed with all the information you will need to plan the week ahead. We provide one of the most detailed 7 day forecasts with the max temperature, min temperature, chance of rain and wind predictions.

This app is the only exclusive app that provides a District Forecast for a more in depth analysis of the forecast.



Marine and Moon Information

We have a Marine and Moon section where you can view tidal and moon information. These are great tool for outdoor people and want to know the tides, moon information. Also use moon major and moon minor periods to predict the best fishing and hunting periods of days of the week.



Push Notifications

Receive notifications on the hour for today's weather. Let the weather information come to you with our push notifications. So you can have the weather information ready on your screen with your morning alarm.

Receive push notifications Warnings for your state. Stay on top of any weather dangers coming your way with early Warning notifications.

All push notifications are customisable via the app.



Even notification about rainfall expected in the near future!



Badge Updates

View the current temperature, today's max and min temperature on your home screen with badge push updates. View the temperature without opening the app by pushing weather information to the badge icon.



AUS Rain Radar

Local and national BOM rain radars with the most accurate Australian weather forecasts available.



Download it from
APP STORE



Download it from
GOOGLE PLAY



<https://www.rainparrot.com/>

Only for Apple



Know exactly when it's going to rain...

The most useful weather app you'll own

Download from the AppStore





Rain Parrot!

9:41 am 100%

Hawker
Fine
36°

Rainfall 0.0 mm Since 9am → Wind 20 km/h WNW

2pm	5pm	6pm	11pm	2am	5am	8am
☁	☁	☁	☁	☁	☁	☁
30	28	27	25	24	23	25

Today	☁	33	16	
Wednesday	0.8 mm 76%	☁	38	19
Thursday	2 mm 67%	☁	34	21
Friday		☁	-	-
Saturday	17%	☁	28	14
Sunday	0.2 mm 30%	☁	30	16
Monday	0.3 mm 25%	☁	35	17

9:41 am 100%

Rain Parrot

Moderate

Patchy rain in 12 minutes, increasing up to moderate rain after 19 minutes

4 of 15
Max rain intensity

45 15
30 minutes

9:41 am 100%

Adelaide (Buckland Park)

Watch later Share

Rain Speed: 32 km/h
Rain Direction: WNW (291°)
Next Image: 3:22 pm
View: 256 km (#642)
Distance: 81 km

<https://youtu.be/VoLNy5hRpd4>



Weather Puppy: Real Time Weather Forecast & Radar


Weather Creative Inc. · Weather

★★★★★ 17,836

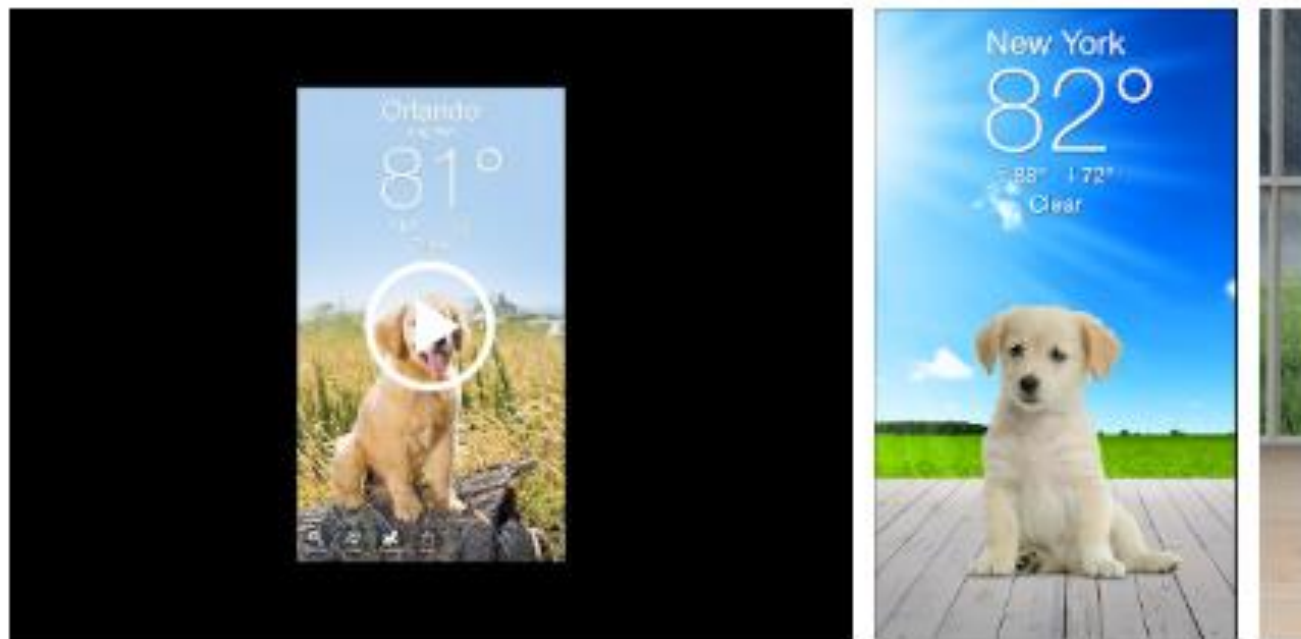


Contains Ads - Offers in-app purchases

 This app is compatible with your device.

 Add to Wishlist

Install



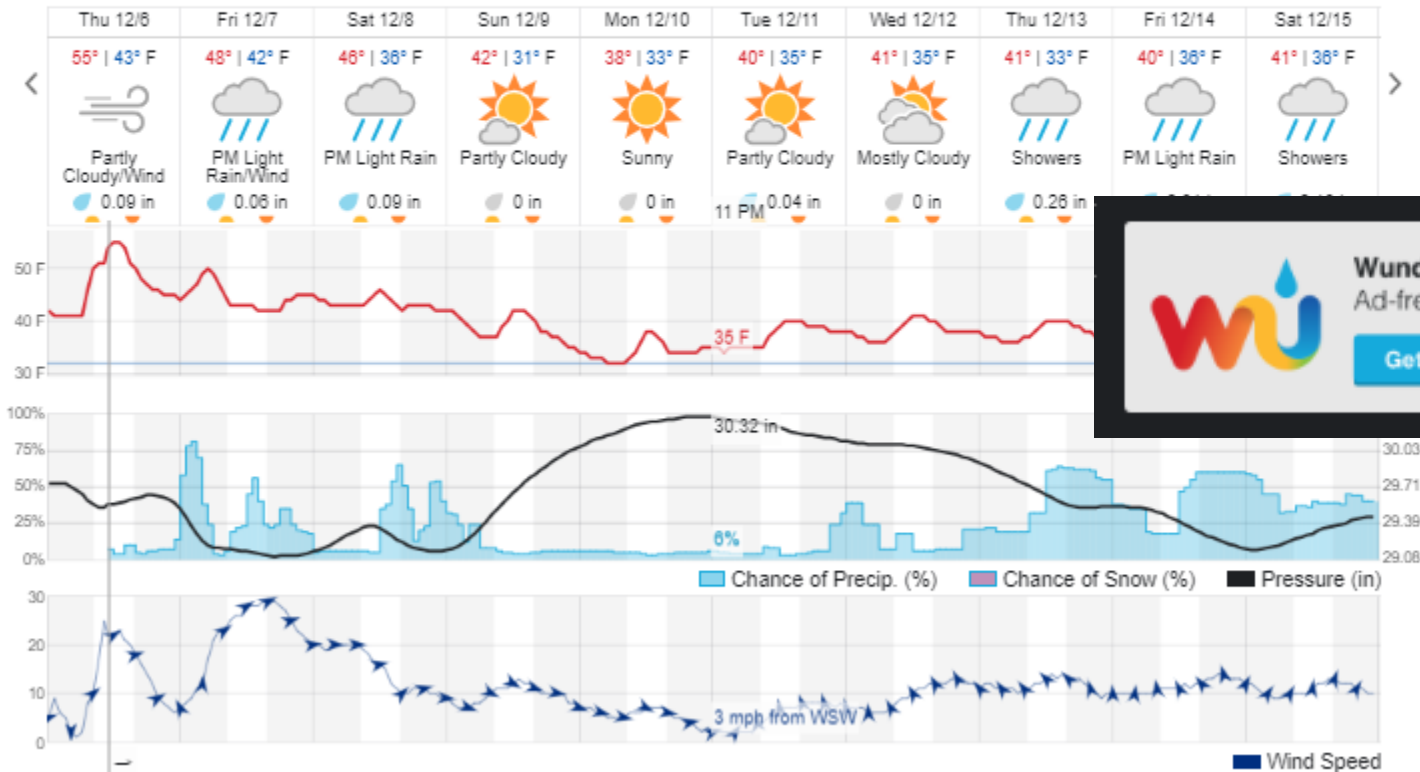
Download Weather Puppy, the best weather app that makes you smile every time you check the weather.

Edinburgh, United Kingdom ★ 🏠

☀️ 54° EDINBURGH STATION | [REPORT](#) | [CHANGE](#) ▾

TODAY HOURLY **10-DAY** CALENDAR HISTORY WUNDERMAP

⚙️ Customize



📅 View Calendar Forecast

🗣️ Scientific Forecaster Discussion



Weather Underground: Forecasts

Editors' Choice

Weather Underground Weather

★★★★★ 360,659

3+

Contains Ads · Offers in-app purchases

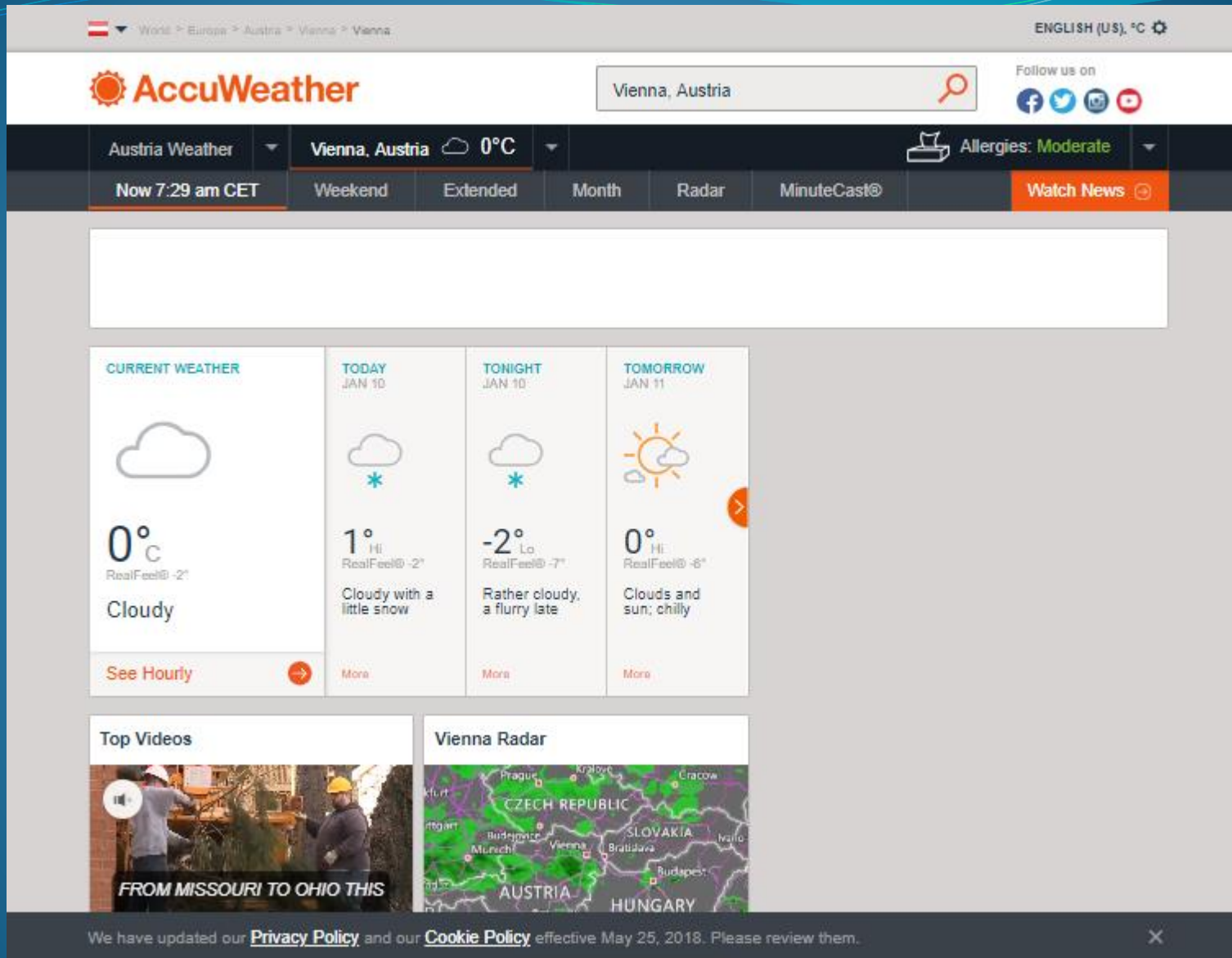
This app is compatible with all of your devices.

Add to Wishlist

Install



The new Weather Underground Android app provides the world's most accurate hyper-local weather



The screenshot shows the AccuWeather website interface for Vienna, Austria. At the top, there is a navigation bar with the AccuWeather logo, a search bar containing "Vienna, Austria", and social media icons for Facebook, Twitter, YouTube, and Instagram. Below the navigation bar, a dark header displays "Austria Weather" and "Vienna, Austria 0°C". A secondary navigation bar includes options for "Now 7:29 am CET", "Weekend", "Extended", "Month", "Radar", "MinuteCast®", and a "Watch News" button. The main content area features a large white box at the top, followed by a weather forecast grid. The grid includes "CURRENT WEATHER" (0°C, Cloudy), "TODAY JAN 10" (1° HI, Cloudy with a little snow), "TONIGHT JAN 10" (-2° LO, Rather cloudy, a flurry late), and "TOMORROW JAN 11" (0° HI, Clouds and sun; chilly). Below the forecast grid are sections for "Top Videos" (featuring a video titled "FROM MISSOURI TO OHIO THIS") and "Vienna Radar" (a weather radar map of the region). At the bottom, a footer contains a privacy policy update notice: "We have updated our Privacy Policy and our Cookie Policy effective May 25, 2018. Please review them."

Major US weather service company – providing forecasts worldwide



AccuWeather - Weather Alerts 4+

Live forecast & storm radar

[AccuWeather International, Inc.](#)

#21 in Weather

★★★★★ 4.6 • 18.9K Ratings

Free - Offers In-App Purchases

Screenshots

[iPhone](#)

[iPad](#)

[Apple TV](#)

[Apple Watch](#)





Search for a location...



Advanced search

☆ My places

Front page

France

Aquitaine

Bordeaux

Weather forecast for

Bordeaux, Aquitaine (France)

Updated at 8:57. Next update around 21:00.

★ Add to My places

PDF Forecast as PDF

Overview

Hour by hour

Long term

Statistics

Maps

RELEVANT PLACES

[Bordeaux](#)

[Melbourne](#)

[Orbost](#)

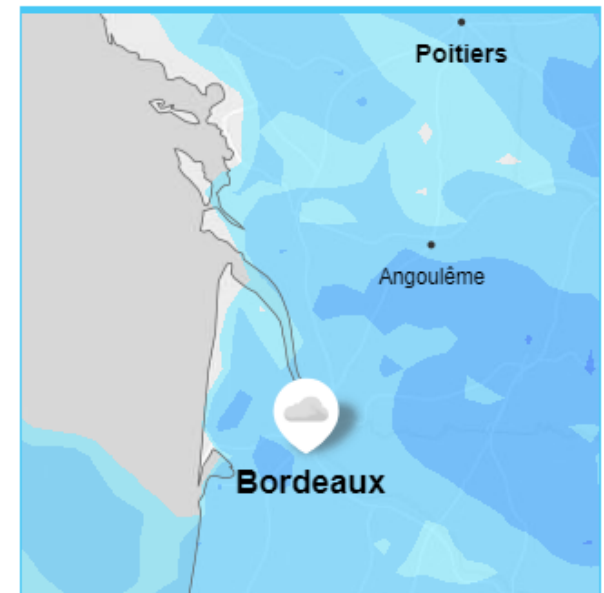
↓ To the main menu at the page bottom

Today, Thursday 06/12/2018

Time	Forecast	Temp.	Precipitation	Wind
12:00–18:00		15°	0 mm	Moderate breeze, 6 m/s from west
18:00–00:00		12°	0 mm	Light breeze, 2 m/s from west-southwest

Tomorrow, Friday 07/12/2018

Time	Forecast	Temp.	Precipitation	Wind
00:00–06:00		12°	0 mm	Light breeze, 3 m/s from south-southwest
06:00–12:00		12°	0 mm	Gentle breeze, 4 m/s from southwest
12:00–18:00		13°	2.9 mm	Gentle breeze, 5 m/s from south-southwest



Anywhere in the world – using ECMWF data

App Store Preview



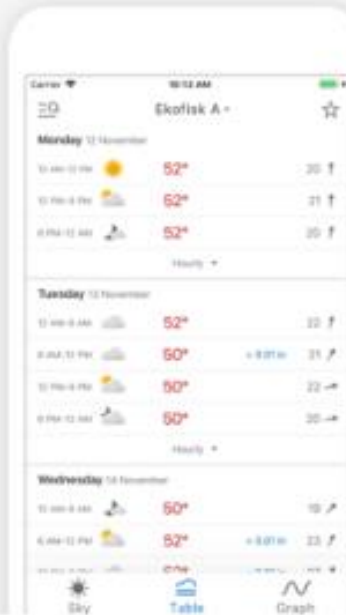
Yr.no 4+
NRK
#92 in Weather
Free

Screenshots [iPhone](#) [iPad](#) [Apple Watch](#)

Weather conditions brought to life on an animated sky



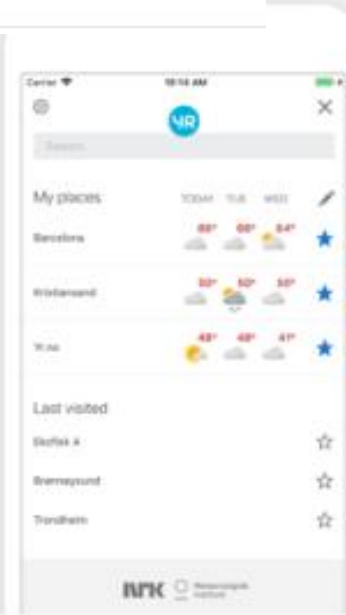
Daily and hourly long term forecast



Stun



0 million world



New Yr on iPhone and iPad is different from anything else you've seen in weather forecasting: Scroll through a beautiful and animated sky to see how the weather changes hourly, and get all the need-to-know details at the same time.

The weather visualization makes it a fun experience to check the weather – even when it's raining! [more](#)

<https://youtu.be/O84RUbfwJG8>

WORLD METEOROLOGICAL ORGANIZATION
Weather · Climate · Water

World Weather Information Service

Official Forecasts

English

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Home > Asia > India > Mumbai

Add Your Own City + Please enter city / country / territory name

Share

Mumbai +

India

32°C 33%
WNW 9 km/h

Thu, 6 Dec 2018 2:30 PM (Local Time)

India Meteorological Department

Date	Temp (°C)	Cond	Description
7 Dec (Fri)	20°C 34°C		Clear
8 Dec (Sat)	20°C 34°C		Clear
9 Dec (Sun)	21°C 33°C		Clear
10 Dec (Mon)	21°C 33°C		Clear
11 Dec (Tue)	20°C 32°C		Clear
12 Dec (Wed)	20°C 32°C		Clear

N.B.

Issued at 3:00 PM (Local Time) 6 Dec 2018

Official weather forecasts from national weather services



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World Weather Information Service Mobile Application



MyWorldWeather

The "MyWorldWeather" is the mobile application of the "World Weather Information Service", supporting the major iPhone and Android platforms. Equipped with location-based technology to detect a user's locality, the application can automatically display the latest official weather forecasts for the city closest to the user from over 1,600 cities around the world.



This website is operated on behalf of WMO by [Hong Kong Observatory](#) of Hong Kong, China.

[Home](#)

[Personalize](#)

[What's New](#)

<https://severeweather.wmo.int/v2/>



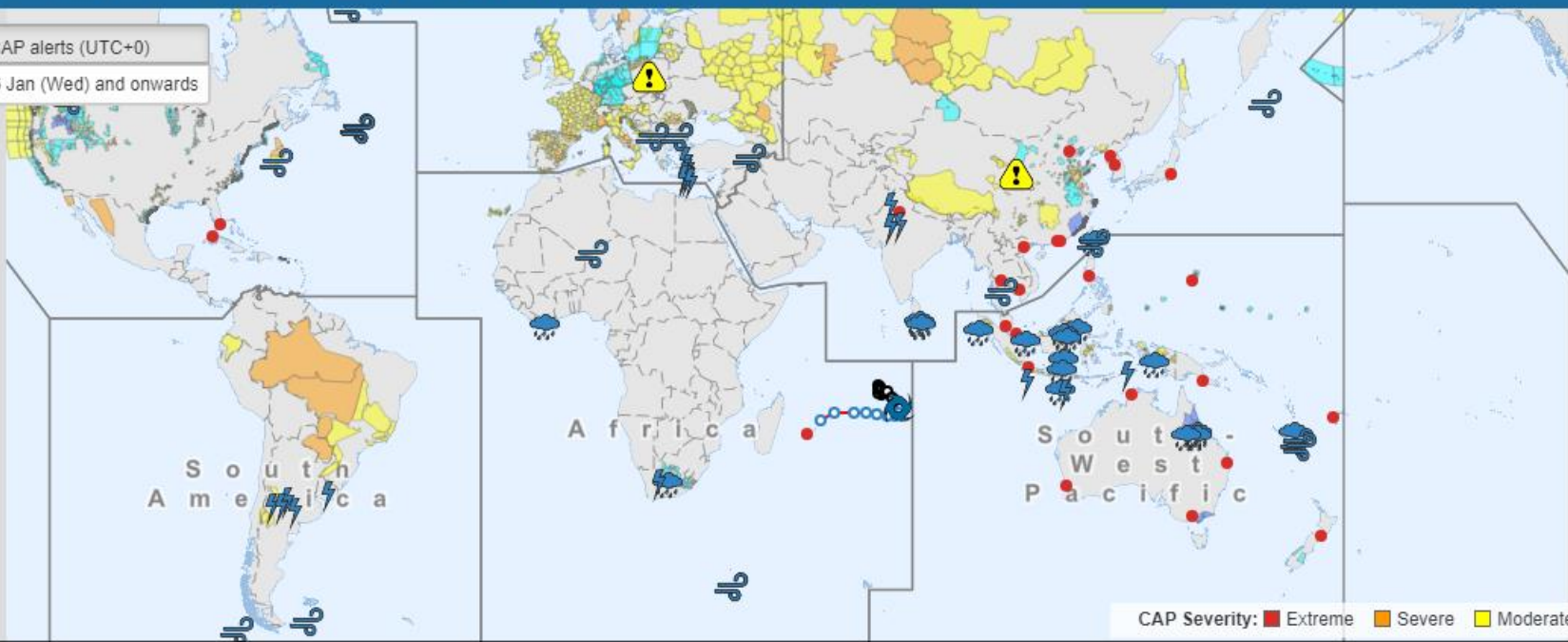
WORLD
METEOROLOGICAL
ORGANIZATION

Weather · Climate · Water

Severe Weather Information Centre 2.0 (Beta)

Home (Map) | Table View | Sources of Data | Links | About | Notes to User

+
-
Display all CAP alerts (UTC+0)
05 Jan (Tue) | 06 Jan (Wed) and onwards



CAP Severity: ■ Extreme ■ Severe ■ Moderate



Local forecast by "City, St" or ZIP code

[Location Help](#)

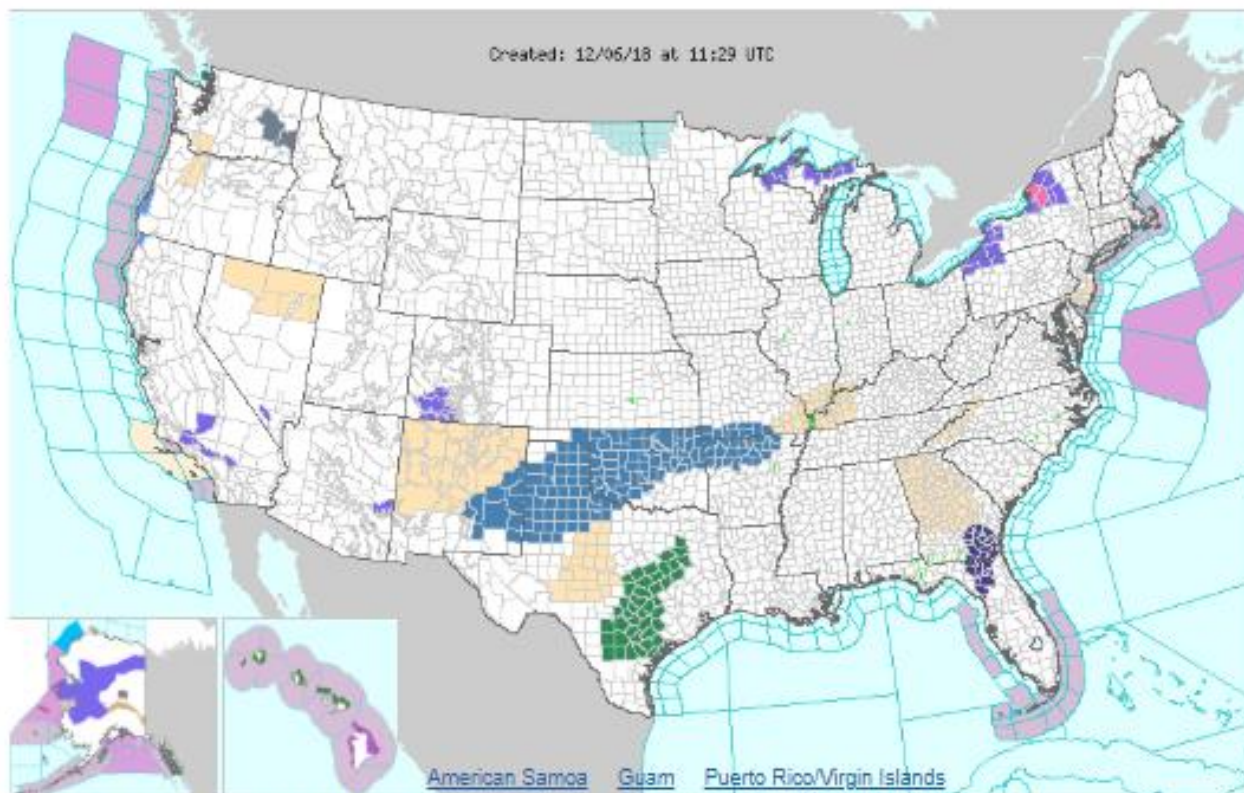


Developing Storm to Threaten Southern States with Heavy Rain Friday into the Weekend; Ice and Snow on the Northern Edge

A developing storm will track across the Southern Plains Friday to the Southeast states and possibly the Mid-Atlantic Coast through Sunday. On the warmer side of the storm, heavy rainfall could cause flooding of low lying areas particularly from Southeast Texas into western Louisiana. Along the northern edge of the storm, potential exists for heavy snow, ice, and dangerous travel conditions. [Read More >](#)



Created: 12/06/18 at 11:29 UTC



[American Samoa](#) [Guam](#) [Puerto Rico/Virgin Islands](#)

Click on the map above for detailed alerts or [Warnings By State](#) [Public Alerts in XML/CAP v1.1 and ATOM Formats](#)

Customize Your Weather.gov

City, ST

Enter Your City, ST or ZIP Code

Remember Me

[Privacy Policy](#)

<https://earth.nullschool.net/>

41.05° S, 172.93° E ×
355° @ 4 km/h

earth

Date | 2018-12-06 20:00 Local ⇌ UTC

Data | Wind @ Surface

Scale | 

Source | GFS / NCEP / US National Weather Service

Control | Now « ‹ › » ⊕ Grid ▶ HD

Mode | Air - Ocean - Chem - Particulates - Space

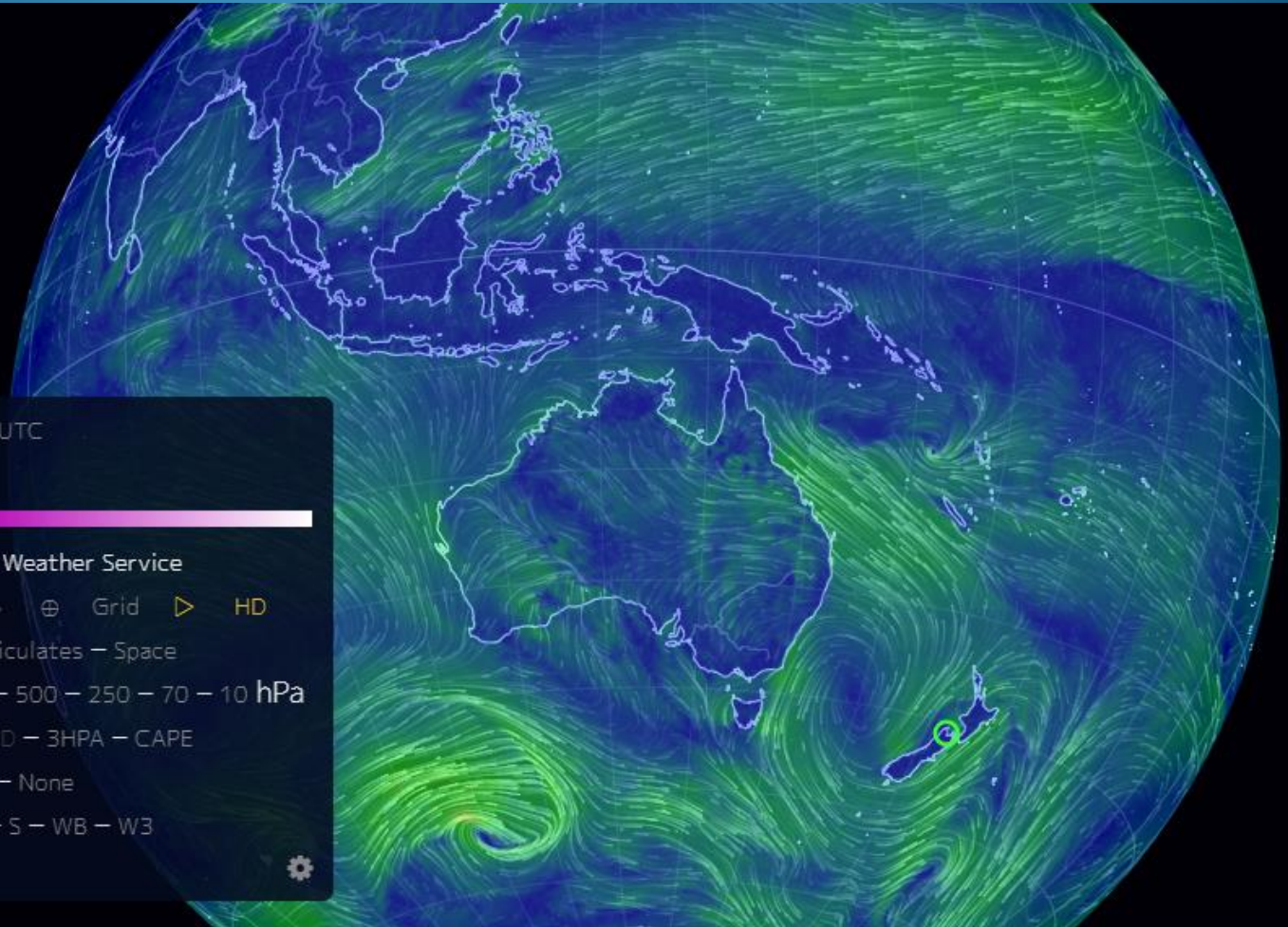
Height | Sfc - 1000 - 850 - 700 - 500 - 250 - 70 - 10 hPa

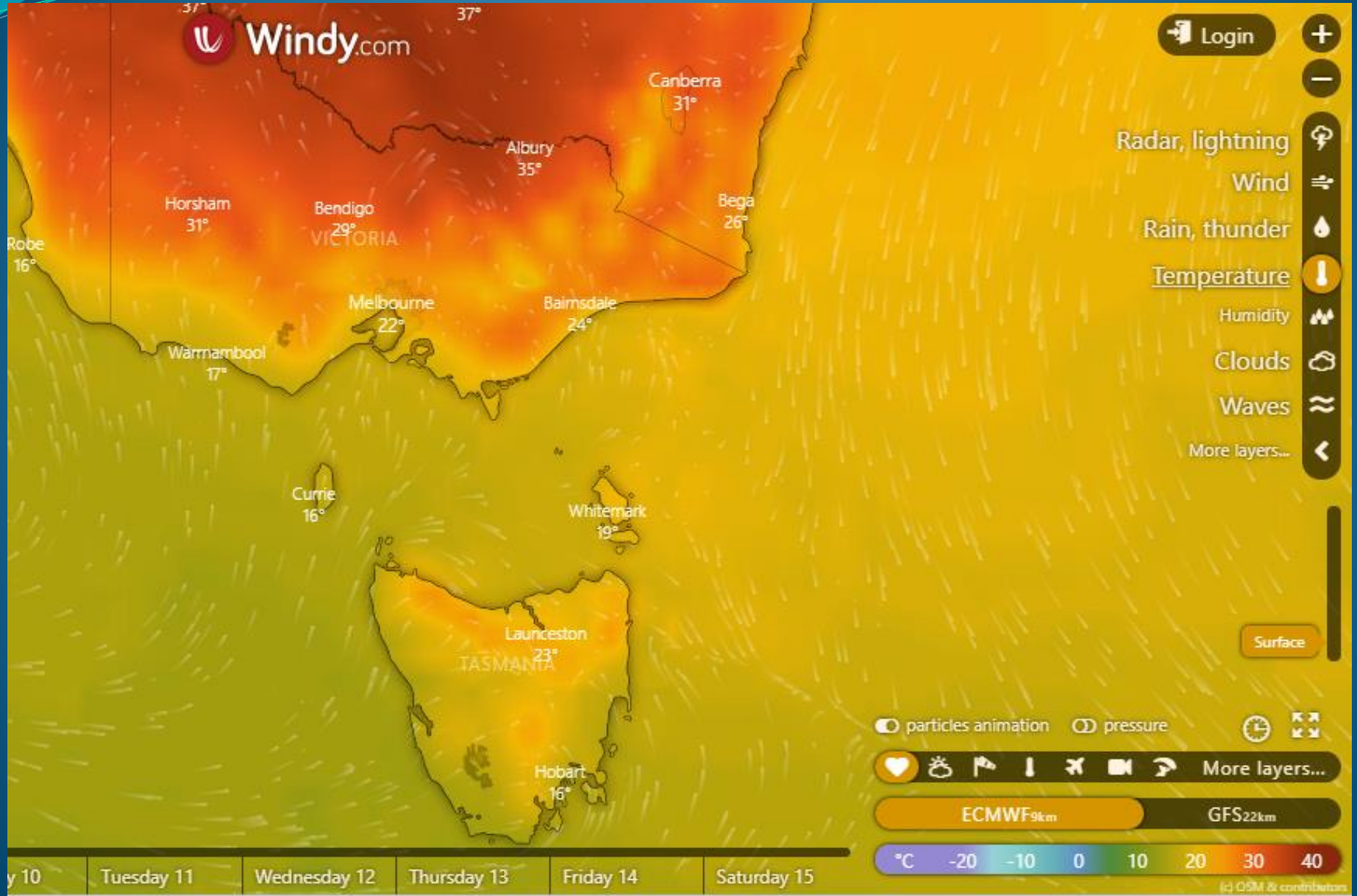
Overlay | Wind - Temp - RH - WPD - 3HPA - CAPE

| TPW - TCW - MSLP - MI - None

Projection | A - CE - E - O - P - S - WB - W3

about    





y 10 Tuesday 11 Wednesday 12 Thursday 13 Friday 14 Saturday 15



Windy.app: wind forecast & marine weather

Windy Weather World Inc Weather

★★★★☆ 55,826



Offers in-app purchases

This app is compatible with your device.

Installed

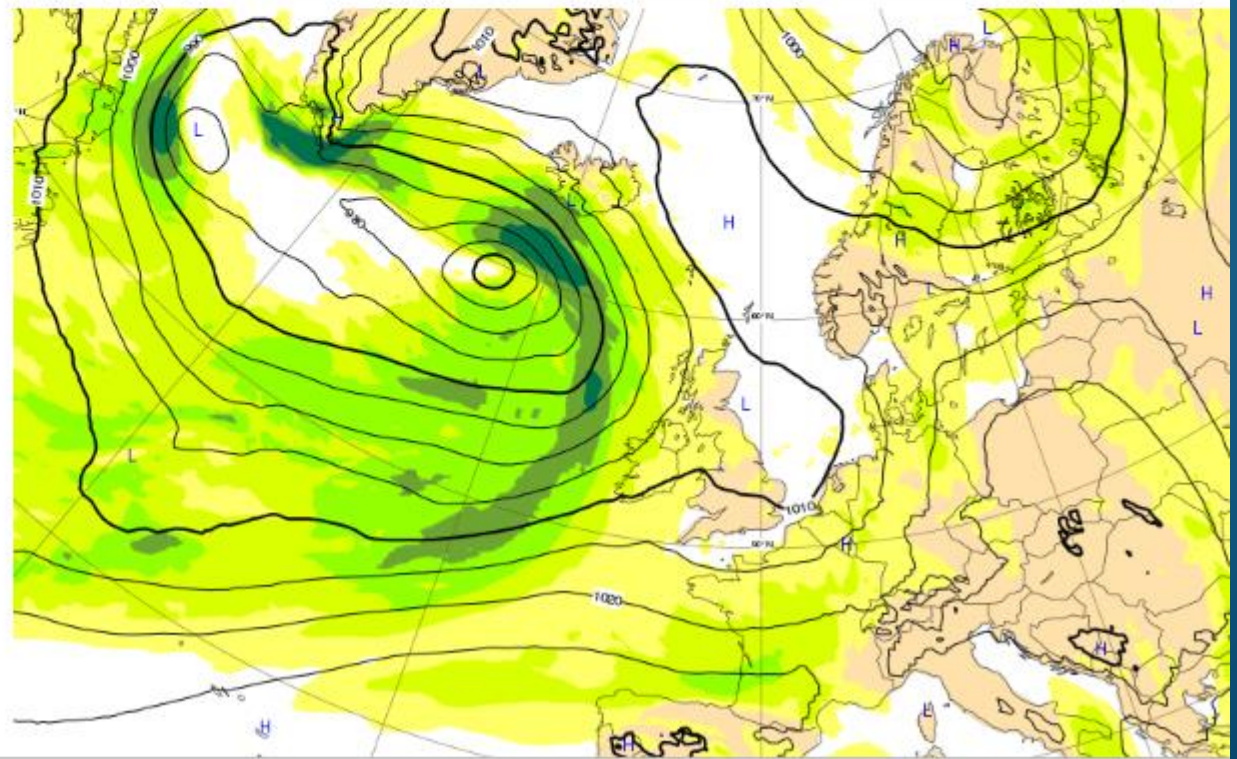


windy.app - wind, waves and weather forecast app for surfers, kitesurfers, windsurfers, sailors and other wind sports.

Mean sea level pressure and wind speed at 850 hPa

Base time: Thu 06 Dec 2018 00 UTC Area: Europe

850 hPa wind speed / Mean sea level pressure
Thursday 6 Dec, 00 UTC T+0 Valid: Thursday 6 Dec, 00 UTC



Charts

Results

38 matching items

No filters applied

High resolution forecast

- Mean sea level pressure an...
- Geopotential 500 hPa and t...

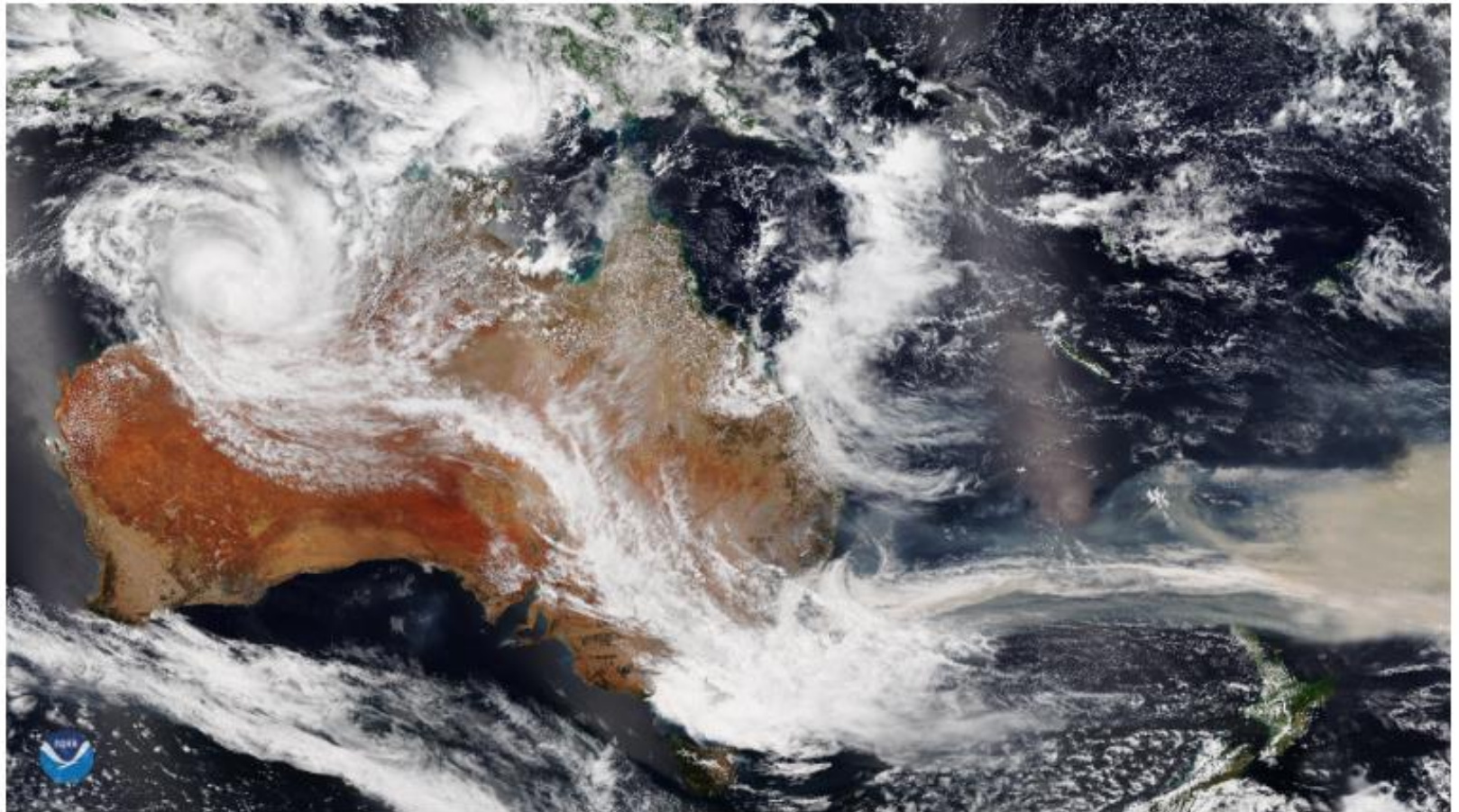
Ensemble mean and spread

- Ensemble mean and sprea...
<p>10-day forecasts from t...
- High resolution mean sea l...
 Ensemble forecasts ex...

Headline scores

- Lead time of ACC reaching ...
external document
- Lead time of CRPSS of T85...
external file
- Lead time of CRPSS of 24h...
external file
- Lead time of 1-SEEPS of 2...

Rain Brings Some Relief to Australia



As wildfires in Australia continue to burn throughout the continent, sooty rain and cooler temperatures have finally brought some welcome relief to affected communities and fire crews from Sydney to Melbourne, with "torrential" rain reported in some parts of New South Wales (NSW).

[Download Image](#)

If you would like the handout notes for the presentation or the presentation itself please let me know.

Questions?