



Australian Government
Bureau of Meteorology

MetEye™

A simple guide to using MetEye

When you enter MetEye you'll see a map of all the current temperatures around Australia. You can zoom in to get a clearer view. The latest rain radar activity is also shown on this map.

On the left side of the screen is a column of options to see different kinds of **LATEST WEATHER**, like:

- current temperature
- current relative humidity
- rainfall since 9.00 am
- rainfall in the last ten minutes
- wind speed and direction
- current sea surface temperature.

Below these options is the **Overlay** section where you can also turn on or off information like **Latest rain radar**, tropical cyclone tracks (when a cyclone is active), **River conditions** and **Current cloud cover**.

Also on the left side of the screen, the next main section shows options to see different kinds of **FORECASTS** on the map, like:

- rainfall forecasts
- temperature forecasts
- storms, snow, fog, frost, etc
- humidity forecasts
- wind forecasts
- waves forecasts.

Whenever you change any of the options, the map overlay and legend automatically adjusts to display your selections. When you select one of the forecast options, a timeline also appears above the map, with the forecast date or time highlighted. Use this clickable timeline to shift the displayed information through time, or animate it using the large **Play** button.

MetEye homepage

MAP VIEW MODE

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 AEST

LATEST WEATHER

Current Temp, Rain, Wind ...

- Current temperature (°C) Updated 3 Jul 2013, 9:23 AM AEST
- Current relative humidity (%)
- Rainfall since 9am (mm)
- Rainfall in the last 10 minutes (mm)
- Wind speed and direction (km/h)
- Wind speed and direction (knots)
- Current Sea Surface Temperature

Clear info

Overlay

- Latest rain radar
- Light Mod Heavy Offline
- Updated 3 Jul 2013, 9:10 AM AEST
- River conditions
- Current cloud cover

FORECASTS

- Rainfall Forecasts
- Temperature Forecasts
- Storms, Snow, Fog, Frost ...
- Humidity Forecasts
- Wind Forecasts
- Waves Forecasts

500 km 200 nmi 26.47°S, 130.39°E

Place names Search marker Saved locations Forecast locations

Forecast districts Marine zones Roads & railways Rivers & lakes Catchments

Show/Hide menu

To national Text Views mode

+ , - Zoom for the map

Enter your location in the text box

MetEye Help

Timeline for the map forecast

MAP VIEW MODE

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 AEST

LATEST WEATHER

Current Temp, Rain, Wind ...

FORECASTS

Rainfall Forecasts

Temperature Forecasts

3-hourly

- Air temperature
- Feels like

Daily

- Daily maximum Updated 9 Apr 2014, 6:03 PM AEST
- Overnight minimum

Clear info

Overlay

- Latest rain radar
- Light Mod Heavy Offline
- Updated 9 Apr 2014, 6:13 PM AEST
- Current tropical cyclones
- Updated 9 Apr 2014, 5:44 PM AEST

Storms, Snow, Fog, Frost ...

Humidity Forecasts

Wind Forecasts

Waves Forecasts

100 km 100 nmi 23.31°S, 148.00°E

Place names Search marker Saved locations Forecast locations

Forecast districts Marine zones Roads & railways Rivers & lakes Catchments

Forecast for 23.55°S, 148.12°E

	Wed, 9 Apr	Thu, 10 Apr	Fri, 11 Apr	Sat, 12 Apr	Sun, 13 Apr	Mon, 14 Apr	Tue, 15 Apr
Max (°C)	31	32	33	33	31	32	29
Min (°C)	-	18	19	19	21	-	-
Chance of rain (%)	-	0	5	50	70	0	0
Rainfall range (mm)	-	0	0	0 to 0.6	1 to 5	0	0.4 to 4

Issued 09 Apr 2014

See text views for location

Legend: Temperature (°C)

- 45+
- 42-45
- 39-42
- 36-39
- 33-36
- 30-33
- 27-30
- 24-27
- 21-24
- 18-21
- 15-18
- 12-15
- 9-12
- 6-9
- 3-6
- 0-3
- 3-
- 6-

Emerald

Show/Hide menu

A simple guide to using MetEye

How to find a forecast for your location

In MetEye's Map View you can enter your location into the text box above the map. When you begin to type, a list of locations drops down for you to make a selection. Picking a location from this list puts a location marker on the map, zooms there and displays its forecast weather popup box. Emerald, Queensland has been selected as the location for the examples in this guide. You can move around the map using its + or - buttons and click-and-drag. You can also click any point on the map to display the forecast weather popup box for that location. We call this a 'click anywhere' forecast.

The forecast weather popup box provides many useful features. Clicking on the **See text views for location** link takes you to the location's **Text View mode**, showing much more information about your location

Click on the **Find me** button to zoom in and automatically display the seven-day forecast for your location

MAP VIEW MODE

MetEye - your eye on the environment™

View the current warnings for Queensland

Change location Emerald, Qld [Locate] [Find Me]

Forecast for 23.55°S, 148.12°E

Save location	Wed, 9 Apr	Thu, 10 Apr	Fri, 11 Apr	Sat, 12 Apr	Sun, 13 Apr	Mon, 14 Apr	Tue, 15 Apr
Max (°C)	31	32	33	33	31	32	29
Min (°C)	-	18	19	19	21	20	19
Chance of rain (%)	-	0	5	50	70	40	10
Rainfall range (mm)	-	0	0	0 to 0.6	1 to 5	0	0.4 to 4

Issued 09 Apr 2014 [Detail] [Detail] [Hide] [Detail] [Detail] [Detail] [Detail]

Friday

	1:00 AM	4:00 AM	7:00 AM	10:00 AM	1:00 PM	4:00 PM	7:00 PM	10:00 PM
Temperature (°C)	21	19	19	26	31	33	27	24
Wind direction	NE	NNE	NE	NNE	N	ESE	E	NE
Wind speed (km/h)	9	6	4	7	2	2	7	9

LEGEND Temperature (°C)

- 45+
- 42-45
- 39-42
- 36-39
- 33-36
- 30-33
- 27-30
- 24-27
- 21-24
- 18-21
- 15-18
- 12-15
- 9-12
- 6-9
- 3-6
- 0-3
- 3-0
- 6--3
- <-6
- no data

TEXT VIEW MODE

Emerald Detailed Forecast

View the current warnings for Queensland

Change location Emerald, Qld [Locate] [Find Me]

Thursday 10 April

From	1:00 AM	4:00 AM	7:00 AM	10:00 AM	1:00 PM	4:00 PM	7:00 PM	10:00 PM
Chance of any rain	-	-	-	-	0%	0%	0%	0%
Possible rainfall (mm)	-	-	-	-	0	0	0	0

At	1:00 AM	4:00 AM	7:00 AM	10:00 AM	1:00 PM	4:00 PM	7:00 PM	10:00 PM
Air temperature (°C)	-	-	-	-	30	31	27	24
Feels like (°C)	-	-	-	-	30	31	27	24
Dew point temperature (°C)	-	-	-	-	14	13	15	15

From	1:00 AM	4:00 AM	7:00 AM	10:00 AM	1:00 PM	4:00 PM	7:00 PM	10:00 PM
Thunderstorms	-	-	-	-	○	○	○	○
Snow	-	-	-	-	○	○	○	○
Rain	-	-	-	-	○	○	○	○
Fog	-	-	-	-	○	○	○	○
Frost	-	-	-	-	○	○	○	○

At	1:00 AM	4:00 AM	7:00 AM	10:00 AM	1:00 PM	4:00 PM	7:00 PM	10:00 PM
Wind speed (km/h)	-	-	-	-	9	6	7	9
Wind direction	-	-	-	-	NE	ENE	ENE	ENE
Relative humidity (%)	-	-	-	-	37	34	48	57
Forest fuel dryness factor	-	-	-	-	8.8	8.8	8.8	8.8
Mixing height (m)	-	-	-	-	2341	2302	1337	501

Friday 11 April

Saturday 12 April

Sunday 13 April

Monday 14 April

Tuesday 15 April

Wednesday 16 April

You can enter a location in this box to search

Select the date table to see a detailed forecast for that day

If you want more information click on the popup box's **Detail** button to get three-hourly data

See **Current and past weather** at the nearest weather station

For detailed weather forecasts select **Detailed 3-Hourly Forecast**

Click **Map View** mode for your location using this symbol

Click here for a detailed daily forecast for the next seven days.

Emerald Weather

View the current warnings for Queensland

Change location Emerald, Qld [Locate] [Find Me]

30 °C

Forecast issued at 4:55 am EST on Thursday 10 April 2014.

Rest of Thursday **31 °C** Mostly sunny.

When will it rain?

	Chance of any rain	Rainfall amount
1:00 pm - 4:00 pm	0%	0 mm
4:00 pm - 7:00 pm	0%	0 mm
7:00 pm - 10:00 pm	0%	0 mm
10:00 pm - 1:00 am	0%	0 mm
1:00 am - 4:00 am	0%	0 mm
4:00 am - 7:00 am	0%	0 mm

Friday 11 Apr **19 °C 32 °C** Partly cloudy.

Chance of any rain: 0% Rainfall amount: 0 mm

The days ahead

WEATHER STATION **Emerald** Approx. 2.2 km away ID: 94363

WEATHER OVERVIEW

DETAILED 3-HOURLY FORECAST

EXTENDED FORECAST (7-DAY)

CURRENT AND PAST WEATHER

RADAR

WEIPPA, CAIRNS, WILLIS IS., MORNINGTON IS., TOWNSVILLE, BOWEN, MOUNT ISA, MACKAY

SATELLITE

Link to the nearby radars

Current satellite image and link to descriptive text



This family can use MetEye to plan their perfect day.

A simple guide to using MetEye

The MetEye system is great for a quick overview, but if you delve deeper you'll be rewarded with highly detailed forecast information out to seven days for most States.


Reference layers are available at the bottom of the map, and they can be used to refine your view or help you orient to a remote location. These appear below the map in **Map View** mode, and include:

- Bureau forecast districts
- Bureau marine zones
- Roads and railways
- Rivers and lakes
- Catchments boundaries

Selectable map reference layers. You can also display these features on the map by using the controls.

The screenshot shows the MetEye website interface. At the top, there's a navigation bar with 'MetEye - your eye on the environment' and icons for help, FAQ, and metadata. Below that, a search bar prompts the user to 'Start typing, then select from list (town, city, postcode or lat/lon)'. The main content area is divided into 'LATEST WEATHER' and 'FORECASTS'. The 'LATEST WEATHER' section includes current temperature, humidity, rainfall, wind speed, and sea surface temperature. The 'FORECASTS' section includes rainfall, temperature, storms, humidity, wind, and waves. At the bottom of the page, a control panel allows users to toggle various map reference layers: Place names, Forecast districts, Marine zones, Search marker, Roads & railways, Saved locations, Rivers & lakes, Forecast locations, and Catchments. A red circle highlights this control panel.

Need more comprehensive assistance?

In MetEye at the top of the screen you can access the full online help guide by clicking on the question mark icon.  A series of frequently asked questions and answers are also provided and these can be accessed by clicking on the **FAQ** icon.

HOT TIP

Did you know you can save a location from the **Map View** or the **Text View** mode as a bookmark-friendly browser link or URL?

This is how you do it:

First open MetEye and go to the URL: www.bom.gov.au/australia/meteye/

1. Search for your location in **Map View** (e.g. Sydney). The URL remains: www.bom.gov.au/australia/meteye/

2. Click the **See text views for location** link from the forecast weather popup box and the URL becomes: www.bom.gov.au/places/nsw/sydney/. You are now in **Text View** mode.

3. Click back to **Map View** mode using the **MAP VIEW MetEye** button (top right of page).

The URL now becomes:

www.bom.gov.au/australia/meteye/?lat=-33.85&lon=151.22&url=/nsw/sydney/&name=Sydney

This can be bookmarked, shared or copied.

This process also works for unnamed places on the map, for example:

• www.bom.gov.au/places/sa/DFJB/

• www.bom.gov.au/australia/meteye/?lat=-26.2&lon=129.51&url=/sa/DFJB/&name=26.2°S,%20129.51°E