

## About the Bureau of Meteorology (BoM)

The Bureau of Meteorology (BoM) is Australia's national weather, climate and water agency. Its expertise and services assist Australians in dealing with the harsh realities of their natural environment, including drought, floods, fires, storms, tsunami and tropical cyclones. Through regular forecasts, warnings, monitoring and advice spanning the Australian region and Antarctic territory, BoM provides one of the most fundamental and widely used services of government.

This guide has been prepared to help Tweed residents find and interpret information on the BoM website [www.bom.gov.au](http://www.bom.gov.au) that will help them prepare for and respond to local weather events.

## NSW weather and warnings summary

Weather information and warnings for NSW can be accessed at [www.bom.gov.au/nsw](http://www.bom.gov.au/nsw), including:

- [Current weather warnings](#) - information on this page automatically refreshes whenever a warning is issued. Click on the warning link for more information.
- [District forecasts](#) - click on the relevant region to see regional weather, wind, temperature and UV forecasts. (Select District 1 for a [Northern Rivers](#) forecast).
- [Seven-day forecasts](#) - click on the nearest town name to see weather and temperature forecasts.
- [Rainfall and river conditions](#) - use the checkboxes at the top of the page to choose which information to display, then move your mouse to hover over the coloured markers on the map to view current conditions at a given river or station.
- [MetEye](#) - use this interactive mapping tool to visualise a range of weather-related data for your area. More information about this tool is available [here](#).

## Weather Watch radars










[Weather Watch radars](#) are very effective tools for the detection of rain and help to provide warnings of major weather events such as severe thunderstorms, tropical cyclones and areas of heavy rainfall.

**The closest radar to the Tweed is the [128 km Brisbane \(Mt Stapylton\) Radar Loop](#).**

Radar images show the location of rain in relation to local features such as the coastline, with different colours used to show rainfall intensity.



The following values can be used as a general guide but they are not always accurate.

Level	Colour		Approx. Rainfall Intensity (mm/hr)
0	clear	Not visible	Under 0.2
1		Off-white	0.5
2		Sky-blue	1.5
3		Light Blue	2.5
4		Blue	4
5		Light Cyan	6
6		Cyan	10
7		Dark Cyan	15
8		Yellow	20
9		Yellow-orange	35
10		Orange	50
11		Orange-red	80
12		Red	120
13		Dark Red	200
14		Maroon	300
15		Dark Brown	over 360

The Bureau's radar images show the location of rain in relation to local features such as the coastline, with different colours used to depict show intensity.

For example, off-white represents light drizzle, while dark red is used to depict very heavy rain (possibly containing hailstones).

There are fifteen levels of rainfall intensity shown on the images - each level provides an approximate indication of the rainfall rate in millimetres per hour.

Click on the tabs or links at the top of the page to change the display to the information you are interested in:

Loops	Single images		Radar Site Information	Other Radars	Radars Help	
Radar	<a href="#">64 km</a>	<a href="#">128 km</a>	<a href="#">256 km</a>	<a href="#">512 km composite</a>	<a href="#">National</a>	<b>Doppler wind</b>
Rainfall	<a href="#">6 min</a>	<a href="#">1 hour</a>	<a href="#">Since 9 am</a>	<a href="#">24 hour</a>		

For more information, see [www.bom.gov.au/help](http://www.bom.gov.au/help).

