

MONTHLY WEATHER REVIEW - ARMIDALE NSW OCTOBER 2022

October 2022 was a cool, cloudy and wet month.

The rainfall total of 148.0 millimetres was 80 mm higher than the average and was the wettest October since 1972 (157.8 mm). The majority of the rain (108 mm) fell during the 11 day period from the 17th to the 27th. Flooding occurred in Dumaresq Creek on four days. The highest daily fall was 30.4 mm on the 17th.

It was a very cloudy month which kept day temperatures well below normal. The average maximum for the month of 19.0 degrees was the coolest for October since 2011 (18.8 deg). Minimum temperatures were much higher than normal as a result of numerous cloudy nights, and there were only two light frosts.

There were no notable temperature extremes.

Winds were light to moderate and variable in direction.

There were thunderstorms on three days including a hailstorm on the 17th - see below.

Noteworthy events:

17th: A low pressure trough over eastern New South Wales generated a number of moderate to heavy thunderstorms along the North Coast and Northern Tablelands. In the mid-afternoon a large multi-cell thunderstorm developed south of Uralla and slowly moved north reaching Armidale at 3.50pm with strong wind gusts and heavy rain. From 4.00 to 4.10pm small and medium hailstones up to 15 mm diameter fell, whitening the ground. The rain continued until around 4.30pm when the storm moved away to the north. 30.4 mm of rain and melted hail was recorded at the East Armidale station over the 40 minute period while the temperature dropped from 17 degrees to 9 degrees during the height of the storm. Some of the ice remained on the ground in shaded areas well into the following day before melting. The heavy rain was confined to the central and eastern parts of the city with west Armidale recording lighter falls

OCTOBER 2022 STATISTICS (long term averages in brackets)

Rainfall: 148.0 mm (67.7 mm)

Rain days: 18 (9)

2021 rainfall total Jan to Oct: 872.8 mm (610.1 mm)

Average maximum temp: 19.0 deg (20.9 deg)

Average minimum temp: 7.9 deg (5.7 deg)

Highest maximum temp: 25.5 deg on the 27th

Lowest maximum temp: 14.1 deg on the 5th

Highest minimum temp: 13.6 deg on the 21st

Lowest minimum temp: 0.5 deg on the 15th

Fine sunny days: 6 (17)

Ideal weather days: 1 (2)

Days with thunderstorms: 3 (4)

Days with frosts: 2 (6) light: 2

Days with fogs: 1 (2)

Wind direction at airport at 3pm & number of days: E: 9, W: 8, NW: 4, N: 3, NE: 3, SW: 2, SE: 1, S: 1

Average daily pan evaporation: 2.6 mm (4.6 mm)

Thunderstorm details:

17th: 3.15-3.50pm - thunder heard in south

3.50-4.35pm - moderate storm

4.00-4.10pm - hail, diameter of hailstones up to 15 mm, ground whitened

24th: 4.00-4.30pm - slight storm from west - 1.8 mm rain

27th: 4.10-4.30pm - slight storm from west