

MONTHLY WEATHER REVIEW - ARMIDALE NSW OCTOBER 2020

October 2020 was a mild to warm month with above average rainfall.

The rainfall total of 91.6 millimetres was 24 mm higher than the average with most of the rain falling in the second half of the month.

Temperatures were higher than normal, although there were no notable extremes.

It was a partly cloudy month with only 12 sunny days, and thunderstorms on four days including a hailstorm on the 8th - see below.

Prevailing winds were light to moderate westerlies which is normal for this time of year.

Noteworthy events:

28th - A low pressure trough over northern New South Wales generated thunderstorms over the north-east of the state with a number of them producing hail. Hail fell in North Armidale twice in the early afternoon with a more severe hailstorm just after 6pm. From 6.10 to 6.20pm hail whitened the ground in most of the city with hailstones between 5 and 15 millimetres diameter with a few as large as 20 mm diameter. Some damage to trees and gardens occurred. Rainfall and melted hail total for the 24 hours to 9am on Thursday the 9th was 29.0 mm at the city weather station and 33.8 mm at the airport.

OCTOBER 2020 STATISTICS (long term averages in brackets)

Rainfall: 91.6 mm (67.5 mm)

Rain days: 15 (9)

2020 rainfall total Jan to Oct: 764.0 mm (608.6 mm)

Average maximum temp: 22.5 deg (20.8 deg)

Average minimum temp: 6.8 deg (5.7 deg)

Highest maximum temp: 26.4 deg on 4th

Lowest maximum temp: 18.0 deg on 22nd

Highest minimum temp: 15.0 deg on 24th

Lowest minimum temp: -0.1 deg on 10th

Fine sunny days: 12 (17)

Ideal weather days: 6 (2)

Days with thunderstorms: 5 (4)

Days with frosts: 4 (6) light frosts: 4

Days with fogs: 1 (2)

Wind direction at airport at 3pm & number of days: SW: 9, NW: 7, E: 5, W: 3, S: 3, SE: 3, N: 1

Average daily pan evaporation: 3.6 mm (4.1 mm)

Thunderstorm details:

21st: 6.25-7.20pm - moderate storm from west, 15 mm rain approx

25th: 6.20-7.10pm - moderate storm from north-west, 7 mm rain approx

28th: 11.50am-12.25pm - moderate storm from north

1.15-1.25pm - slight storm from north

3.20-3.40pm - slight storm from north

5.50-7.15pm - heavy storm from north-west, 6.10-6.20pm - hail up to 20 mm diameter

8.10-9.00pm approx - slight storm from north-west

10.40-11.00pm approx - slight storm from north-west

29th: 10.20-11.20am - slight storm from north-west

11.50am-12.20pm - thunder only in east

30th: 6.10-6.20pm approx - slight storm from west, 1.0 mm rain