

MONTHLY WEATHER REVIEW - ARMIDALE NSW JANUARY 2018

January 2018 was a dry, sunny and very warm month.

The rainfall total of 67.8 millimetres was 33 mm lower than the average with most of it, 48.0 mm, falling in one evening - see below. There were no major rain systems during the month with all falls associated with thunderstorms.

Day temperatures were much higher than normal with maximums averaging 29.2 deg which was the highest for the month of January since 1952. Maximums reached or exceeded 30.0 deg on 13 days. Overnight minimums however were a little lower than normal with a number of cool nights between the 15th and 22nd. Thunderstorm activity was higher than normal with storms on nine days. No hail was observed with any of the storms.

Winds were predominantly from the west. Easterly winds usually prevail in January.

Noteworthy events:

11th - Thunderstorms in the evening brought heavy downpours of rain with 48.0 mm recorded for the 24 hours to 9am the following day, the 12th. This was the highest daily fall of rain since 3rd August 2016.

Minor flooding occurred in Dumaresq Creek in the evening of the 11th and throughout the following day.

17th - The minimum temperature of 3.8 deg recorded at 6.30am was the lowest for January since 12th January 2012 when the same temperature was recorded. The chilly night was the result of calm clear conditions and low humidity levels.

The lowest January temperature on record was 2.6 deg on 19th January 2010.

JANUARY 2018 STATISTICS (long term averages in brackets)

Rainfall: 67.8 mm (101.4 mm)

Rain days: 9 (10)

Average maximum temp: 29.2 deg (26.4 deg)

Average minimum temp: 12.3 deg (12.7 deg)

Highest maximum temp: 34.2 deg on the 8th

Lowest maximum temp: 22.5 deg on the 14th

Highest minimum temp: 18.0 deg on the 13th

Lowest minimum temp: 3.8 deg on the 17th

Fine sunny days: 17 (15)

Ideal weather days: 4 (1)

Days with thunderstorms: 9 (6)

Days with frosts: 0 (0)

Days with fogs: 1 (1)

Wind direction at airport at 3pm & number of days: W: 10, S: 5, SE: 5, SW: 4, E: 4, NE: 1 NW: 1, N: 1

Average daily pan evaporation: 5.9 mm (5.2 mm)

Thunderstorm details:

2nd: 11.25-11.35am - thunder heard, no rain; 12.20-12.45pm - slight storm, 5.0 mm rain

3rd: 12.05-12.30am - thunder heard, no rain; 1.15-3.00pm - moderate storm from SW & thunder heard
3.15-4.15pm - thunder heard, slight storm from south-west

9th: 11.30pm-12.00 midnight - thunder heard in south, no rain

10th: 12.00-1.00am - slight storm from west; 7.35-8.15am - slight storm from west
5.10-7.15pm - moderate & slight storms

11th: 5.00-9.15pm - moderate & slight storms from west

12th: 5.00-9.30pm - intermittent thunder heard, slight storm

25th: 3.10-7.00pm - thunder heard, slight storm - 0.2 mm rain

26th: 12.55-1.10pm - thunder heard in east, no rain; 4.25-7.30pm - thunder heard, moderate storm

27th: 6.45-7.00pm - thunder heard, no rain