

**MONTHLY WEATHER REVIEW - ARMIDALE NSW
DECEMBER 2024**

December 2024 was an unusually warm and partly cloudy month with good falls of rain. The rainfall total of 74.2 millimetres was 15 mm lower than the average. Rain was well distributed throughout the month with the highest daily fall being 22.4 mm in the afternoon of the 4th during a thunderstorm.

Temperatures were much higher than normal, particularly maximums which were at their highest for the month of December since the drought year of 2019. Temperatures reached 30.0C or higher on 10 days with the highest being 31.8C on the 27th. The warm temperatures were a result of a number of low pressure troughs developing over New South Wales drawing very warm air into the state from central Australia. There was one notable temperature extreme on the 8th. See below.

Thunderstorm activity was a little lower than normal with storms on five days. No hail was observed with these storms.

Winds were predominantly light to moderate westerlies which is normal for early summer.

Noteworthy Events:

8th: The overnight minimum temperature of 19.8C was just 0.2C lower than the record high for the month of December of 20.0C which occurred on 11th December 1988, and again on 2nd December 2020.

DECEMBER 2024 STATISTICS (long term averages in brackets)

Rainfall: 74.2 mm (89.3 mm)

Rain days: 8 (10)

2024 rainfall total: 865.4 mm (782.4 mm)

Average maximum temp: 28.8 deg (25.3 deg)

Average minimum temp: 12.9 deg (11.2 deg)

Highest maximum temp: 31.8 deg on the 27th

Lowest maximum temp: 23.4 deg on the 19th

Highest minimum temp: 19.8 deg on the 8th

Lowest minimum temp: 3.0 deg on the 24th

Fine sunny days: 15 (14.5)

Ideal weather days: 2 (1)

Days with thunderstorms: 5 (8)

Days with frosts: 0 (0.3)

Days with fogs: 1 (1)

Wind direction at airport at 3pm & number of days: W: 9, E: 7, NW: 5, SW: 4, SE: 2, NE: 2, N: 1, S: 1

Average daily pan evaporation: 5.4 mm (5.1 mm)

Thunderstorm Details:

1st: 3.30-4.00pm - slight storm from west, 0.2 mm rain

4th: 4.45-7.00pm - heavy & slight storms from west with heavy rain, 22.4 mm rain

22nd: 5.55pm - thunder heard, no rain

27th: 6.15-8.00pm - moderate & slight storms from west, 18.0 mm rain

31st: 3.30-5.00pm approx - moderate & slight storms from south

Armidale weather on-line: www.weatherarmidale.com