

MONTHLY WEATHER REVIEW - ARMIDALE NSW JULY 2024

July 2024 was a cold, cloudy and damp month.

The rainfall total of 59.8 millimetres was 13 mm higher than the average. It rained on 18 days with most of the falls being under five millimetres.

Due to the cloudy conditions daytime temperatures were well below normal, while overnight temperatures were well above normal. The average minimum for the month of 1.9C was the highest for July since 1999 (2.5C).

The high minimum temperatures and numerous cloudy nights reduced the total number of frosts to just nine which is eleven less than the average, creating a new record for the lowest number of frosts in July. The previous lowest was ten frosts in 1984 and 1989.

A cold outbreak over the 17th, 18th and 19th produced some noteworthy cold temperatures - see below. There were no thunderstorms, hail or snow, and winds were predominantly westerlies which is normal during the winter months.

Noteworthy events:

15th-17th - A deep low pressure system near Tasmania directed cold air from the Southern Ocean into New South Wales from the 15th to the 17th. Upper level cold air combined with this system to produce very low temperatures and snowfalls over the Central Tablelands, Barrington Tops and Northern Tablelands, with some light snow also falling in southern Queensland.

Snow fell in Guyra and other highland areas of the Northern Tablelands intermittently over the three days. No snow fell in Armidale.

Minimum/Maximum temperatures in Armidale:

15th: 1.7C/8.5C, 16th: 1.5C/7.6C, 17th: 2.6C/6.2C.

Strong winds on the 16th caused wind chill temperatures to drop as low as -4C during the morning.

The maximum of 6.2C on the 17th was the lowest (or coldest day) since 10th June 2021 (5.6C).

28th - Minor flooding occurred in Dumaresq Creek as a result of 27.2 mm of rain falling in the preceding 48 hours.

JULY 2024 STATISTICS (long term averages in brackets)

Rainfall: 59.8 mm (47.4 mm)

Rain days: 18 (9)

2024 rainfall total Jan to Jul: 551.0 mm (444.5 mm)

Average maximum temp: 11.9 deg (12.7 deg)

Average minimum temp: 1.9 deg (-0.3 deg)

Highest maximum temp: 17.0 deg on the 24th

Lowest maximum temp: 6.2 deg on the 17th

Highest minimum temp: 8.1 deg on the 9th

Lowest minimum temp: -5.5 deg on the 24th

Fine sunny days: 10 (15)

Ideal weather days: 3 (4)

Days with thunderstorms: 0 (1)

Days with frosts: 9 (20) light: 1, moderate: 4, severe: 4

Days with fogs: 0 (3)

Wind direction at airport at 3pm & number of days: W: 14, E: 7, SW: 4, NW: 3, SE: 1, N: 1, S: 1

Average daily pan evaporation: 1.2 mm (1.4 mm)

Armidale weather on-line: www.weatherarmidale.com