

MONTHLY WEATHER REVIEW - ARMIDALE NSW AUGUST 2024

August 2024 was a most unusual month weatherwise.

Conditions were close to normal in the first half of the month with cool to cold conditions and light falls of rain, but over the second half of the month it was completely dry with unusually high temperatures.

The rainfall total of 36.4 millimetres was 11 mm less than the average, falling on six days between the 6th and the 14th.

From the 15th to the end of the month temperatures were unseasonably warm with maximums exceeding 20.0 deg on nine days.

The warm conditions were the result of a number of low pressure troughs and fast moving fronts bringing in warm air to northern New South Wales from central Australia. See below under "Noteworthy Events" for details of extremes.

There were only ten sunny days, and due to the large number of cloudy nights total frosts were reduced to 14 which is six less than the average.

There were no thunderstorms, hail or snowfalls, and winds were predominantly moderate westerlies which is normal for late winter.

Noteworthy events:

The following extreme August temperature events occurred during the month.

Average maximum of 17.7C - 3rd highest on record after 18.1C in 2009 and 17.8 on 2023 (from 134 years of records).

Average minimum of 4.0C - highest on record. Previous highest 3.4C in 1998 (from 134 years of records).

Daily maximum of 24.3C on the 30th - highest since 24th August 2009 when 27.4C was recorded (from 117 years of records).

Daily minimum of 16.4C on the 31st - highest on record. Previous highest 14.8C on 24th August 2009 (from 86 years of records).

AUGUST 2024 STATISTICS (long term averages in brackets)

Rainfall: 36.4 mm (47.6 mm)

Rain days: 6 (9)

2024 rainfall total Jan to Aug: 587.4 mm (492.1 mm)

Average maximum temp: 17.7 deg (14.5 deg)

Average minimum temp: 4.0 deg (-0.1 deg)

Highest maximum temp: 24.3 deg on the 30th

Lowest maximum temp: 12.5 deg on the 12th

Highest minimum temp: 16.4 deg on the 31st

Lowest minimum temp: -4.0 deg on the 4th

Fine sunny days: 10 (18)

Ideal weather days: 1 (4)

Days with thunderstorms: 0 (0.7)

Days with frosts: 14 (20) light: 8, moderate: 5, severe: 1

Days with fogs: 5 (2)

Wind direction at airport at 3pm & number of days: W: 13, E: 6, NW: 3, S: 3, SW: 2, N: 2, NE: 1, SE: 1

Average daily pan evaporation: 2.1 mm (2.1 mm)

Armidale weather on-line: www.weatherarmidale.com