

MONTHLY WEATHER REVIEW - ARMIDALE NSW
FEBRUARY 2023

February 2023 was a warm to very warm month with mostly light falls of rain and light winds. The rainfall total of 64.8 millimetres was 23 mm lower than the average, and it was the fourth consecutive month with below average rain. Most of the falls were light except for 27.4 mm recorded from thunderstorms on the 27th.

Temperatures were mostly a little higher than normal with 31.0 degrees reached on three days. There was one notable extreme - see below.

There were thunderstorms on six days which contributed to most of the rain for the month. No hail was observed with any of the storms.

Prevailing winds were variable in direction and were mostly light.

Noteworthy events:

5th - The minimum temperature of 3.7C was the lowest for the month of February since 4th February 2005 when 2.5C was recorded. The unusually cool overnight conditions were caused by cool dry air being pushed north over New South Wales by a low pressure system and cold front passing over southern Australia.

FEBRUARY 2023 STATISTICS (long term averages in brackets)

Rainfall: 64.8 mm (88.3 mm)

Rain days: 10 (10)

2023 rainfall total Jan to Feb: 146.2 mm (189.5 mm)

Average maximum temp: 26.5 deg (25.5 deg)

Average minimum temp: 11.7 deg (10.5 deg)

Highest maximum temp: 31.0 deg on the 18th

Lowest maximum temp: 19.5 deg on the 23rd

Highest minimum temp: 16.8 deg on the 1st

Lowest minimum temp: 3.7 deg on the 5th

Fine sunny days: 13 (12)

Ideal weather days: 2 (1)

Days with thunderstorms: 6 (5)

Days with frosts: 0 (0)

Days with fogs: 4 (1.5)

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

Average daily pan evaporation: 4.8 mm (4.5 mm)

Thunderstorm details:

9th: 2.10-2.30pm - slight storm from west

13th: 10.50-1.15pm - moderate storm from north-west, 2.0 mm rain

14th: 9.25-9.50am - slight storm from west

11.30am-12.00pm - thunder heard in north, no rain

3.50-6.00pm approx - slight storms from west

19th: 12.40-2.15am approx - slight storms from west - 4.6 mm

27th: 3.05-3.50pm - thunder heard, no rain

6.25-7.30pm - moderate storm from west

11.05-11.55pm - moderate storm from south-west - 27.4 mm rain from both these storms

28th: 3.00-3.50pm - thunder heard in north, no rain

5.10-5.50pm - moderate storm from west, 2.8 mm rain