

## MONTHLY WEATHER REVIEW - ARMIDALE NSW NOVEMBER 2022

November 2022 was a partly dry month with unusually cool temperatures.

The first half of the month was mostly cloudy with light and moderate falls of rain, while the second half was dry and sunny.

The rainfall total of 59.4 millimetres was 23 mm lower than the average with all the rain falling in the first 15 days, with the exception of a light shower on the 28th. It was only the third month this year with below average rain.

Temperatures were unusually cool for the last month of spring. Maximums averaged 20.9 deg, lowest for November since 2010, and minimums averaged 6.3 deg, lowest for November since 1923. There were three notable temperature extremes on the 2nd, 3rd and 17th - see below.

There were two frosts on the 3rd and 17th, just one thunderstorm and no hail.

Winds were moderate to strong and predominantly from the west.

### ***Noteworthy events:***

**1st** - A strong cold front moved through north-eastern New South Wales in the early morning. Strong winds accompanied the front with gusts to 78 km per hour at Armidale airport between 2.30 and 3.30am, and gusts in excess of 50 km per hour in the Armidale valley. Heavy rain fell between 3.30 and 4.30am. Rainfall totals for the 24 hours to 9am: Armidale city 39.2 mm, Armidale airport 49.4 mm. The heavy rain caused moderate to major flooding in Dumaresq Creek.

**2nd/3rd** - The maximum temperature of 12.4C on the 2nd was the lowest for the month of November since 16th November 2006 (11.2C), and the minimum of -0.4C with a frost on the 3rd, was the lowest for November since 17th November 2006 (-2.2C). The unseasonably cold conditions were caused by cold air following a front and trough which passed through eastern New South Wales on the 1st and 2nd. A slightly colder minimum was recorded two weeks later on the 17th - see below.

**17th** - Cold dry southerly air following a cold front which passed through the region on the 15th caused the temperature to drop to -0.6C at 5.35am on the 17th. This was the lowest November minimum since 17th November 2006 (-2.2C).

### ***NOVEMBER 2022 STATISTICS*** (long term averages in brackets)

Rainfall: 59.4 mm (82.5 mm)

Rain days: 9 (9)

2021 rainfall total Jan to Nov: 932.2 mm (692.6 mm)

Average maximum temp: 20.9 deg (23.2 deg)

Average minimum temp: 6.3 deg (9.0 deg)

Highest maximum temp: 27.4 deg on the 27th

Lowest maximum temp: 12.4 deg on the 2nd

Highest minimum temp: 16.0 deg on the 14th

Lowest minimum temp: -0.6 deg on the 17th

Fine sunny days: 12 (13)

Ideal weather days: 1 (1)

Days with thunderstorms: 1 (6)

Days with frosts: 2 (1) light: 2

Days with fogs: 1 (1)

Wind direction at airport at 3pm & number of days: W: 15, NW: 4, SW: 4, E: 3, NE: 2, SE: 2

Average daily pan evaporation: 4.6 mm (4.6 mm)

### ***Thunderstorm details:***

7th: 5.10-5.20pm - slight storm