

## MONTHLY WEATHER REVIEW - ARMIDALE NSW AUGUST 2019

August 2019 was a cool very dry month with moderate winds and cold frosty nights.

As the drought of 2018/19 continued to intensify the rainfall total of 7.0 millimetres was the lowest for the month of August since 1995 (5.2 mm). The rain fell from the 8th to the 11th with the rest of the month remaining dry.

The progressive total for the year of 193.0 mm was just 39 per cent of the normal rain was the lowest on record for the January to August period. The previous lowest was 206.3 mm in 1874.

The dry conditions throughout the month resulted in numerous sunny days and clear nights which in turn caused day temperatures to be higher than normal and overnight minimums lower than normal. The average maximum of 16.5 degrees was the highest for the month of August since 2009 (18.1 deg).

There were no notable temperature extremes.

Winds were mostly moderate westerlies, and light snow fell on two days - see below.

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

**14th July to 8th August** - 26 consecutive frosts occurred which was a new record. It consisted of 6 light frosts, 8 moderate frosts and 12 severe frosts with the coldest being -8.2C on 20th July. The previous record was 25 consecutive frosts from 20th June to 14th July 1971.

**10th & 11th** - Very cold surface air following the passage of cold fronts on Friday 9th and Saturday 10th combining with upper level cold air produced snow over the Central and Northern Tablelands on the weekend. In Armidale there were light snow showers in the evening of Saturday 10th from 6.30 to 8.00pm approximately, but there was little settling of snow on the ground.

On Sunday 11th heavier snow fell from 8.30 to 9.15pm with snow settling on roofs, cars and lawns. The snow was still there the following morning Monday 12th, but melted quickly by 9am.

The maximum temperature on the 11th was 8.4 degrees at 12.55pm, but strong westerly winds throughout the day gusting over 50 kms per hour caused the wind chill to make it feel closer to around 2 or 3 degrees.

It was Armidale's first proper snowfall since 17th July 2015.

*Note: Long term records for Armidale include 154 years of complete rainfall recordings and 128 years of temperature records.*

### **AUGUST 2019 STATISTICS** (long term averages in brackets)

Rainfall: 7.0 mm (47.9 mm)

Rain days: 4 (9)

2019 rainfall total Jan to Aug: 193.0 mm (492.5 mm)

Average maximum temp: 16.5 deg (14.3 deg)

Average minimum temp: -1.3 deg (-0.2 deg)

Highest maximum temp: 21.6 deg on the 18th

Lowest maximum temp: 8.4 deg on the 11th

Highest minimum temp: 4.7 deg on the 22nd

Lowest minimum temp: -6.0 deg on the 5th

Fine sunny days: 19 (19)

Ideal weather days: 7 (4)

Days with thunderstorms: 1 (1)

Days with frosts: 24 (20) light: 6, moderate: 8, severe: 10

Days with fogs: 4 (2)

Wind direction at airport at 3pm & number of days: W: 22, SW: 5, SE: 3, NE: 1

Average daily pan evaporation: 2.9 mm (2.1 mm)

### ***Thunderstorm Details:***

8th: 3.50-4.05am -slight storm, 2 mm rain

*Armidale weather on-line: [www.weatherarmidale.com](http://www.weatherarmidale.com)*

