

## MONTHLY WEATHER REVIEW - ARMIDALE NSW NOVEMBER 2019

November 2019 was a dry, sunny and very warm month.

It was Armidale's eighth consecutive month with below average rainfall, the total of 25.6 millimetres was 57 mm lower than the average. As the drought of 2018/19 continued to worsen the total for the year to the end of November was just 244.0 mm, 450 mm lower than the average, or 35 per cent of the normal rainfall.

It was a sunny month resulting in well above normal day temperatures. The average maximum of 27.4 degrees was the third warmest on record for the month of November with temperatures reaching 30.0 degrees or higher on eight days.

There were thunderstorms on five days, none of them were severe, and no hail was observed.

Winds were predominantly moderate westerlies.

A number of bushfires burning in rugged country to the north-east and south-east of Armidale caused smoky conditions on a number of days - see below.

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

Visibility was reduced by smoke from bushfires to the east of Armidale on 12 days: 11th, 16th, 17th, 18th, 19th, 20th, 21st, 23rd, 24th, 25th, 27th, 28th.

On the 27th visibility was reduced during the morning by a dust haze. A smoke haze developed in the evening.

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

Rainfall: 25.6 mm (82.6 mm)

Rain days: 6 (9)

2019 rainfall total Jan to Nov: 244.0 mm (693.6 mm)

Average maximum temp: 27.4 deg (23.0 deg)

Average minimum temp: 8.6 deg (8.9 deg)

Highest maximum temp: 34.6 deg on the 20th

Lowest maximum temp: 17.8 deg on the 5th

Highest minimum temp: 15.5 deg on the 4th

Lowest minimum temp: 0.1 deg on the 14th

Fine sunny days: 21 (13)

Ideal weather days: 5 (6)

Days with thunderstorms: 5 (6)

Days with frosts: 3 (1) light: 3

Days with fogs: 0 (1)

Wind direction at airport at 3pm & number of days: W: 12, NW: 8, SW: 8, E: 1, NE: 1

Average daily pan evaporation: 7.4 mm (4.5 mm)

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

23rd: 5.00-5.45pm - thunder heard, no rain

24th: 12.00-6.00pm - slight and moderate storms

25th: 1.20-2.20pm - thunder heard from north & east - no rain

5.30-6.15pm - slight storm, 0.4 mm rain

26th: 5.30-6.00pm - thunder heard, no rain

6.00-6.25pm - moderate storm - 2.8 mm

30th: 5.40-6.50pm - slight storm from west