

MONTHLY WEATHER REVIEW - ARMIDALE NSW JULY 2016

July 2016 was a cloudy, windy and cool month.

The rainfall total of 33.6 millimetres was 14 mm lower than the average with most of it falling in two rain events: 5th to 7th, and 20th to 21st. See daily data table.

Despite there being a number of cloudy, windy and cold days, both daytime and overnight temperatures for the whole month averaged out to be much higher than normal. This was partly brought about by a warm spell from the 18th to 22nd with record high July maximums on the 19th and 20th - see below.

Due to the milder nights there were only four severe frosts with minimums below -4.0 degrees.

Winds were predominantly westerlies and were generally stronger than normal for July.

There were no thunderstorms, snow or hail.

Noteworthy events:

19th & 20th - The maximum temperatures of 20.4C on the 19th and 21.2C on the 20th were the highest July temperatures on record from 108 years of records. The previous highest was 20.1C on 28th July 1958 recorded at the post office (reading adjusted to be compatible with current recording site). The unusually warm conditions were caused by warm air from northern Australia being drawn into New South Wales by a low pressure trough.

21st - The minimum of 14.2C was the highest July minimum since 3rd July 1942 when 14.4C was recorded.

23rd - Strong winds swept across the Northern Tablelands in the morning associated with the passing of an intense cold front. Wind speeds at Armidale Airport averaged between 45 and 55 km per hour from midnight to 12 noon with the strongest gust of 91 km per hour recorded at 1.36am.

JULY 2016 STATISTICS (long term averages in brackets)

Rainfall: 33.6 (47.9 mm)

Rain days: 7 (9)

2016 rainfall total Jan to Jul: 378.0 mm (445.8 mm)

Average maximum temp: 14.1 deg (12.4 deg)

Average minimum temp: 1.7 deg (-0.3 deg)

Highest maximum temp: 21.2 deg on the 20th

Lowest maximum temp: 6.9 deg on the 24th

Highest minimum temp: 14.2 deg on the 21st

Lowest minimum temp: -6.1 deg on the 3rd

Fine sunny days: 13 (15)

Ideal weather days: 4 (3.5)

Days with thunderstorms: 0 (0.3)

Days with frosts: 19 (19) light: 8, moderate: 7, severe: 4

Days with fogs: 3 (3)

Wind direction at airport at 3pm & number of days: W: 23, NW: 3, E: 3, SE: 1, SW: 1

Average daily pan evaporation: 1.4 mm (1.4 mm)

[July 2016 daily data](#)