

Annual Weather Review

Armidale NSW - 2025

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2025 was a year with above average rainfall and well above average temperatures. Sunny weather prevailed on 136 days, and it rained on 133 days.

RAINFALL: The total for the year of 962.4 millimetres was 179 mm higher than the long term average (LTA). Rainfall was well above average in eight months, the wettest month was January with 147.0 mm, and the driest month was June with 20.6 mm. The highest daily fall was 43.4 mm on 11th December. The above average rain was partly the result of a higher than normal number of rain bearing low pressure troughs developing over New South Wales during the year drawing in moisture from tropical northern Australia.

TEMPERATURES: Based on 135 years of temperature data, it was Armidale's third warmest year on record with the mean temperature (average of all maximum and minimums) for the year exceeding the LTA by 1.40C. Maximum temperatures were above average in January, February, August, September, October, November and December, and minimums were above average in March, April, May, July, August and October. Temperatures reached 30.0C or higher on 21 days which was 4 days higher than the LTA. The highest maximum was 33.4C on 28th January, the coldest day was 2nd August with a record breaking low maximum of 2.5C, and the lowest overnight minimum was -7.1C on 17th July.

WINDS: Winds were light in April, May, June and September, and moderate in the remaining months. The year totalled 19 windy days* (annual average 14 days). Wind direction at 3pm at Armidale airport: west: 130 days, east: 89 days, south-west: 39 days, south-east: 36 days, north-west: 34 days, south: 22 days, north: 9 days, north-east: 6 days.

EVAPORATION: Pan evaporation for the year totalled 1,116.8 mm, 69 mm lower than the LTA. Average daily evaporation for the year was 3.1 mm.

FROSTS: Because of the high number of cloudy nights during the year the total number of frosts was reduced to 74 which is 23 less than the LTA. June was the frostiest month recording 18 frosts. There were 30 light frosts, 34 moderate frosts, and 10 severe frosts**. The first frost was on 24th May, ending a frost-free period of 241 days over the summer of 2024-25, and the last frost was on 13th November.

FOGS: There were fogs on 35 days which is four days more than the LTA. The foggiest month was June with fogs on seven days. Fogs occurred in the early mornings on 34 days, and in the late evening on one day. There may have been additional early morning fogs which were not observed and recorded.

SNOW: Snow fell on one day, 2nd August. This was a major snow event, it started at 9.30am, continuing until 5.30pm with snow settling on the ground up to 10 cms deep in places. The snow was widespread affecting the whole Northern Tablelands and also the area around Stanthorpe in southern Queensland. Armidale's annual average is 2.2 snow days.

THUNDERSTORMS: Thunderstorm activity was a little lower than normal with storms on 32 days, five days less than the LTA. Thunderstorm activity was highest in November with storms on 10 days. There may have been additional days with thunder which were not recorded. There was one severe thunderstorm on 23rd January with hailstones up to golf ball size which caused damage to cars, roofs, skylights and gardens.

HAIL: Hail was observed on two days during thunderstorms - 23rd January - hailstones up to 40 mm diameter, and 26th November - hailstones up to 10 mm diameter. There may have been additional falls of small hail during thunderstorms on other dates which were not observed and recorded. The annual average is 3.3 hail days.

FLOODS: Minor flooding occurred in Dumaresq Creek on 27th April, 22nd May, 18th July, & 11th December. Moderate flooding occurred on 2nd, 3rd & 4th August. Minor or flash flooding may also have occurred on other dates not noted here.

LTA - Long Term Average * Windy day - average wind speed higher than 20 kms per hour from 9am to 6pm at East Armidale site

** Intensity of frosts: light - minimum temp > 0.0C, moderate - min temp -3.9C to -0.1C, severe - min temp < -3.9C.

Weather Statistics 2025 - Armidale NSW

Data recorded at East Armidale, elevation 987 metres, Bureau of Meteorology station no 56037

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
RAINFALL mm	147.0	50.2	104.4	104.4	73.8	20.6	79.2	93.0	40.2	50.0	98.2	101.4	962.4
Long Term Average mm	100.9	88.2	67.0	44.9	42.5	54.3	47.5	47.6	50.3	68.1	82.4	89.2	782.9
RAIN DAYS	16	6	17	11	21	8	13	8	6	5	14	8	133
Long Term Average days	10	10	10	8	8	10	9	9	8	9	9	10	110
HIGHEST DAILY RAINFALL mm	31.2	24.6	24.8	41.8	34.4	7.4	24.8	35.4	19.2	27.0	21.2	43.4	43.4
Day	30	13	29	27	22	25	18	3	20	29	27	11	
AVERAGE DAILY MAX TEMP deg C	27.1	26.4	23.5	20.0	16.3	13.1	12.9	13.7	19.0	24.6	25.3	26.8	20.7
Long Term Average deg C	26.7	25.6	23.6	20.1	16.4	13.3	12.7	14.6	18.0	20.9	23.2	25.4	20.0
AVERAGE DAILY MIN TEMP deg C	12.9	12.9	13.4	7.4	7.4	0.5	0.8	1.5	2.2	7.7	9.4	11.2	7.3
Long Term Average deg C	12.9	12.6	10.5	6.5	3.0	0.8	-0.2	-0.1	2.6	5.8	9.0	11.2	6.2
AVERAGE GRASS MIN TEMP deg C	10.0	9.7	11.8	5.0	4.4	-2.9	-2.5	-1.6	-1.3	4.0	4.8	7.3	4.1
Long Term Average deg C	9.8	9.7	7.5	3.0	-1.6	-2.9	-4.1	-4.1	-1.5	2.0	5.8	8.0	2.6
HIGHEST MAXIMUM TEMP deg C	33.4	32.1	30.0	24.6	21.4	17.6	19.0	20.8	24.6	32.2	31.7	32.7	33.4
Day	28	28	1	19	26	22	5	26	30	21	25	19,21	
LOWEST MAXIMUM TEMP deg C	16.5	23.4	17.0	14.5	13.0	7.4	7.7	2.5	9.1	10.6	19.1	18.0	2.5
Day	17	22	27	2	28	9	2	2	11	28	4	2	
HIGHEST MINIMUM TEMP deg C	17.2	17.9	17.1	12.5	11.6	8.5	6.0	7.4	10.5	15.0	15.6	19.3	19.3
Day	29	15	9	13	15	1	27	27	20	27	16	22	
LOWEST MINIMUM TEMP deg C	5.8	4.4	9.0	1.9	0.1	-5.9	-7.1	-5.9	-3.7	-0.5	0.0	2.0	-7.1
Day	20	17	31	8	25	18	17	18	4	2	13	3	
LOWEST GRASS MIN TEMP deg C	3.1	2.5	5.7	-0.4	-2.4	-8.1	-10.6	-9.1	-7.1	-4.7	-4.2	-1.7	-10.6
Day	20	17	2	22	25	16,18	17	18	4	3	12	3	
FROSTS	0	0	0	0	2	18	15	15	17	4	3	0	74
Long Term Average days	0	0	1	5	14	16	19	20	15	6	1	0	97
FOGS days	2	3	1	2	4	7	2	6	4	2	0	2	35
Long Term Average days	1	1	3	4	5	4	3	2	2	2	1	1	31
THUNDERSTORMS days	8	5	0	2	0	0	1	0	1	2	10	3	32
Long Term Average days	7	5	3	1	1	1	0	1	2	4	6	8	37
EVAPORATION (Class A Pan) mm	140.6	121.6	85.4	62.2	35.6	30.6	38.2	51.2	82.8	144.2	154.6	169.8	1116.8
Long Term Average mm	160.7	125.6	112.5	75.4	50.3	36.4	41.9	65.7	95.2	126.1	137.0	159.2	1185.5
AVGE. DAILY EVAPORATION mm	4.5	4.3	2.8	2.1	1.1	1.0	1.2	1.8	2.8	4.7	5.2	5.5	3.1
AVERAGE DAILY WIND RUN* km	390.0	387.1	440.5	344.4	359.6	365.5	450.2	379.6	350.8	410.5	400.7	398.2	389.8
Long Term Average km	382.6	375.4	358.7	328.3	314.2	351.6	365.0	376.2	371.3	373.4	380.1	377.7	362.9
PREVAILING 3PM WIND DIRECTION*	W	E	E	E	E	W	W	W	W	W	W	W	-
FINE SUNNY DAYS ^	7	9	7	11	4	8	13	11	17	15	14	20	136
Long Term Average days	14	12	15	15	15	13	15	18	19	17	13	14	179
MAXIMUM TEMP > 29.9 deg. days	9	1	1	0	0	0	0	0	0	2	2	6	21
MAXIMUM TEMP < 10.0 deg. days	0	0	0	0	0	6	4	4	0	0	0	0	14
MINIMUM TEMP < 5.0 deg. days	0	1	0	9	8	25	28	24	25	8	6	2	136

* Wind run and 3pm wind direction recorded at Armidale Airport. Wind speeds at the airport are higher than at the East Armidale site

^ Fine Sunny Day - a dry sunny day generally free from excessive cloud

Compiled by Peter Burr, Jan 2026