

Monthly Weather Review

New South Wales

January 2013



Australian Government
Bureau of Meteorology

The *Monthly Weather Review - New South Wales* is produced twelve times each year by the Australian Bureau of Meteorology's New South Wales Climate Services Centre.

It is intended to provide a concise but informative overview of the temperatures, rainfall and significant weather events in New South Wales for the month.

To keep the *Monthly Weather Review* as timely as possible, much of the information is based on electronic reports. Although every effort is made to ensure the accuracy of these reports, the results can be considered only preliminary until complete quality control procedures have been carried out. Major discrepancies will be noted in later issues.

We are keen to ensure that the *Monthly Weather Review* is appropriate to the needs of its readers. If you have any comments or suggestions, please do not hesitate to contact us:

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You may also wish to visit the Bureau's home page, <http://www.bom.gov.au>.

Units of measurement

Except where noted, **temperature** is given in degrees Celsius (°C), **rainfall** in millimetres (mm), and **wind speed** in kilometres per hour (km/h).

Observation times and periods

Each station in New South Wales makes its main observation for the day at 9 am local time. At this time, the precipitation over the past 24 hours is determined, and maximum and minimum thermometers are also read and reset. In this publication, the following conventions are used for assigning dates to the observations made:

Maximum temperatures are for the 24 hours *from* 9 am on the date mentioned. They normally occur in the afternoon of that day.

Minimum temperatures are for the 24 hours *to* 9 am on the date mentioned. They normally occur in the early morning of that day.

Mean temperatures are the average of the daily maximum and daily minimum temperatures.

Daily rainfall is for the 24 hours *to* 9 am on the date mentioned. This means a significant fraction of the rain may have occurred on the previous calendar day.

Monthly rainfall is for the period from 9 am on the last day of the previous month to 9 am on the last day of this month.

Maximum daily wind gusts are in the 24 hours from midnight to midnight.

Climatological values

The climatological averages shown in the text and tables are generally long-term means based on observations from all available years of record, which vary widely from site to site. They are not shown for sites with less than 20 years of record, as they cannot then be calculated reliably. Climatological extremes are generally taken from available observations from all available years of record. The number of years can vary substantially from site to site.

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Product code IDCKGC25R1. Prepared on 28 February 2013. ISSN 1836-3067

Cover photograph

A bushfire crosses the Princes Hwy at Jerrawangala.

Photograph by James Morris, 8 January 2013. Used with permission.

If you have a photo you think would make a good cover for the Monthly Weather Review, please contact us at the address above.

Overview

- Warmest January mean temperatures since 1939
- Almost 500 fires across the state; first Catastrophic fire day since December 2009
- TC *Oswald* brings heavy rain and flooding in eastern NSW
- Dry weather continues west of the divide

Extremes in January 2013

Hottest day

(Highest daily maximum temperature)

48.6 °C at Wanaaring Post Office on the 12th

Warmest days on average

(Highest mean daily maximum temperature)

40.6 °C at Bourke Airport AWS

40.6 °C at Wanaaring Post Office

Coolest days on average

(Lowest mean daily maximum temperature)

19.3 °C at Thredbo AWS

Coldest day

(Lowest daily maximum temperature)

8.0 °C at Charlotte Pass (Kosciusko Chalet) on the 13th

Coldest night

(Lowest daily minimum temperature)

-2.2 °C at Thredbo AWS on the 14th

Coolest nights on average

(Lowest mean daily minimum temperature)

7.9 °C at Perisher Valley AWS

Warmest nights on average

(Highest mean daily minimum temperature)

24.3 °C at Lightning Ridge Visitors Information Centre

Warmest night

(Highest daily minimum temperature)

32.2 °C at Broken Hill Airport AWS on the 18th

Warmest on average overall

(Highest mean temperature)

32.2 °C at Wanaaring Post Office

Coolest on average overall

(Lowest mean temperature)

13.9 °C at Thredbo AWS

Wettest overall

(Highest total rainfall)

996.4 mm at Mount Numinbah

Driest overall

(Lowest total rainfall)

0 mm at multiple stations

Wettest day

(Highest daily rainfall)

444.0 mm at Chillingham on the 28th

Highest wind gust

131 km/h at Byron Bay (Cape Byron AWS) on the 28th

Significant weather

Thunderstorms and strong winds

8th - Strong winds reached 113 km/h at Montague Island and 107 km/h at Cabramurra as a cold front crossed southern NSW on the 8th.

13th - Severe thunderstorms in parts of northwest NSW were associated with wind gusts of up to 96 km/h at Armidale, 126 km/h at Tamworth and 128 km/h at Narrabri. The strong winds downed trees and powerlines as well as causing roof damage, with more than 20,000 people without power and almost 300 Requests For Assistance to the SES, particularly for Tamworth, Gunnedah and Wee Waa.

18th - The combination of a strong cold change and thunderstorm activity resulted in wind gusts of more than 90 km/h at eleven stations between Green Cape and Terrey Hills, with gusts reaching 115 km/h at Kiama. A waterspout was reported 10 nm from Sydney Airport.

21st - 23rd - Widespread thunderstorm activity across the state. Storms on the 21st resulted in wind gusts of up to 96 km/h at Narrandera, while a tornado caused damage to homes and infrastructure in Ungarie. Further storms on the 22nd brought 22 mm of rain in 10 minutes at Bilpin and 40 mm in 30 minutes at Bathurst, while a boat was reported missing off the coast of Port Stephens during storms and strong winds on the 23rd.

31st - Thunderstorm activity in northwest NSW, with wind gusts reaching 98 km/h at Coonamble.

Heatwave

A widespread and persistent heatwave impacted most of Australia including NSW during the first half of the month, with numerous sites across the state breaking long-term records for both daily and monthly maximum temperatures. This included the hottest day in more than 150 years of record at Sydney Observatory Hill on the 18th, while Tibooburra experienced a record-breaking seven days above 45 °C during the month. Cooler incursions on the 9th and 14th limited the number of records broken for hot spells, but Wilcannia recorded a record five consecutive days above 44 °C between the 4th and 8th. For further information on the heatwave see [Special Climate Statement 43](#).

Both the extended period of hot temperatures and individual extreme heat days had widespread impacts across NSW, resulting in the deaths of animals across the state including more than 15,000 flying foxes. On the 18th, close to 100 people were treated for heat exposure across the state, in addition to large numbers suffering dehydration. The extreme heat also impacted infrastructure, resulting in power outages and delays, including reports of melting road surfaces in northwest Sydney.

Bushfires

The combination of very dry conditions during recent months as well as the severe January heatwave resulted in widespread bushfire activity across the state. Total Fire Bans were declared on eight days, with Catastrophic fire danger ratings observed for the first time since December 2009. In many cases these fires were ignited by dry lightning strikes, associated with surface troughs which failed to cause significant rain on the 8th and 12th/13th.

There were 496 bushfires and grassfires recorded between the 7th and 21st of January, including more than 130 fires burning across NSW on the 8th, with more than 650,000 hectares burnt. Over 13,000 sheep and close to 500 cattle were lost during the fires, in addition to the destruction of 58 homes and the damage of Siding Springs Observatory. Natural Disasters were declared in 71 LGAs across the state as a result of the bushfires

Flooding

Ex-Tropical Cyclone *Oswald* caused widespread heavy rain in eastern NSW between the 27th and 29th of January. Daily totals in northern NSW reached 444.0 mm at Chillingham to 9 am on the 28th, with 3-day totals well in excess of 300 mm across the north coast. This included very heavy short-lived rainfall and flash flooding across eastern NSW.

The heavy rain resulted in minor to moderate flooding in the Northern Rivers, Mid North Coast and Hunter regions, as well as major flooding along the Clarence River. Flood heights reached 8.1 m at Grafton, the highest level since records began in 1839, with more than 2000 people evacuated from Grafton in addition to more than 1500 evacuated from parts of Lismore and other towns along the Clarence River.

The low also caused very strong winds and damaging surf on the north coast, resulting in widespread power outages and downed trees in addition to coastal erosion. Maximum wind gusts reached 131 km/h at Byron Bay on the 28th, with waves greater than 12 m recorded offshore from Coffs Harbour.

The SES received more than 4000 Requests For Assistance during this event, with more than 80 flood rescues and more than 40,000 people isolated for at least some period of time. Nineteen LGAs in northeast NSW were declared Natural Disasters as a result of this event. For further information on TC *Oswald* see [Special Climate Statement 44](#).

Synoptic summary

January began with high pressure over NSW, bringing warm, clear weather for most of the state. Temperatures warmed further from the 4th as the high pressure system stalled off the NSW coast and directed several days of deep northerly winds, drawing very warm air from central Australia into the state. This was enhanced by a semi-stationary surface trough in southwest NSW from the 5th, which triggered thunderstorm activity on the 5th and 6th but little rain.

This surface trough crossed the state over the 9th and 10th, bringing a temporary shift to southerly winds and cooler conditions as a second high pressure system crossed into the state, but little rainfall. Northerly winds were re-established from the 11th, bringing a return to hot weather across the state. Temperatures were very warm in northern NSW on the 12th and 13th, with widespread thunderstorm activity and some rainfall in coastal regions.

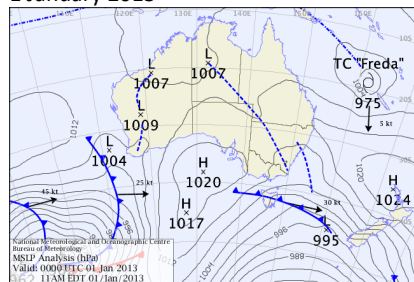
Temperatures were cooler on the 14th and 15th as a further high pressure system crossed the state, before a return to northerly winds brought further warm weather in NSW. Temperatures were particularly warm as an approaching cold front helped warm northwesterly winds extend to the coast on the 18th, breaking numerous coastal temperature records, followed by cooler weather and scattered showers and thunderstorms as the front crossed the state.

Between the 21st and 23rd a surface trough in central NSW contributed to further warm temperatures and widespread thunderstorm activity across the state. Winds shifted easterly from the 24th, with showers and cloudy conditions along the north coast while warm, clear conditions persisted elsewhere.

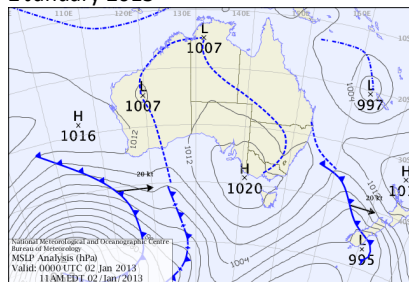
The major rainfall event of the month developed from the 26th, as a surface trough in eastern NSW and the decaying Tropical Cyclone *Oswald* in southern Queensland drew moist tropical air into the state. Rainfall was widespread in eastern NSW to 9 am on the 27th, with heavier falls in northeast NSW on the 28th as the tropical low moved into southeast Queensland. The low weakened and moved southward over the 28th, with widespread heavy falls in eastern NSW to 9 am on the 29th, while little rain was recorded on the 30th or 31st as the low decayed.

Daily mean sea level pressure analyses

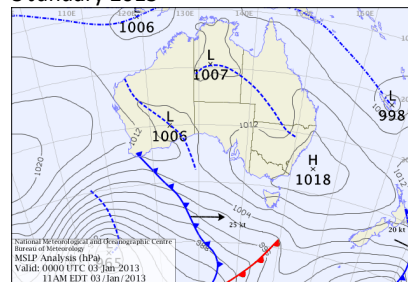
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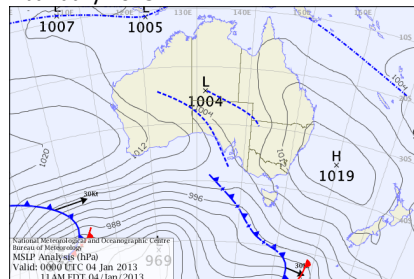
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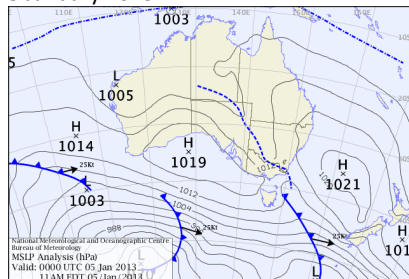
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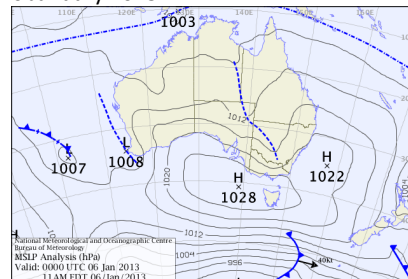
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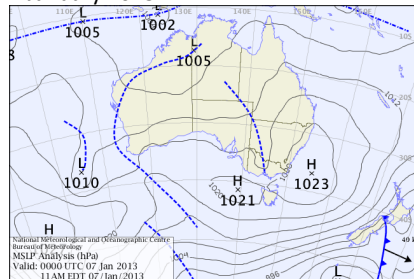
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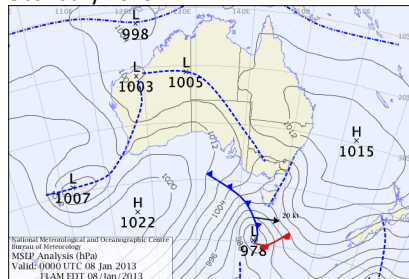
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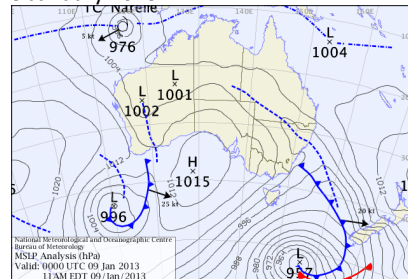
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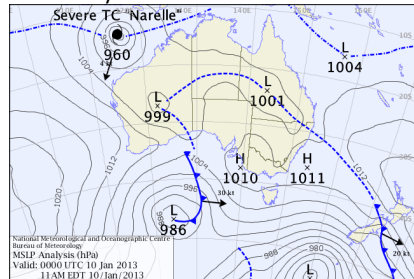
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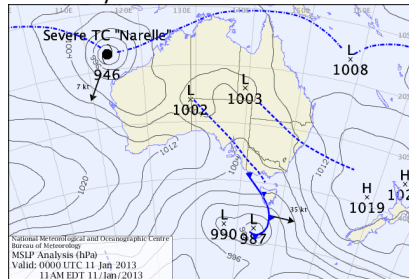
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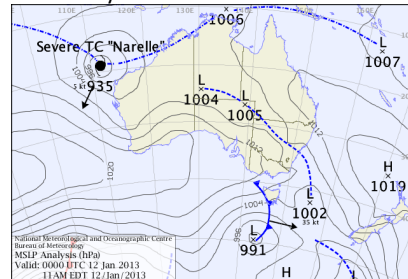
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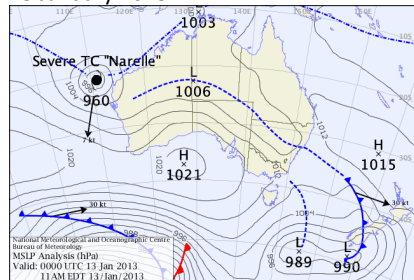
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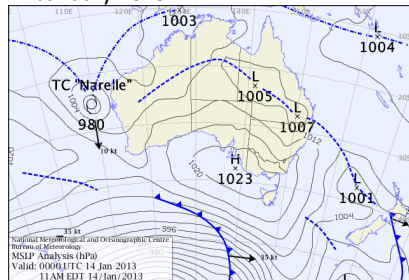
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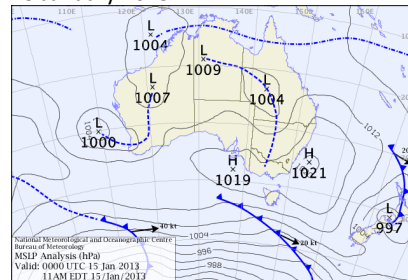
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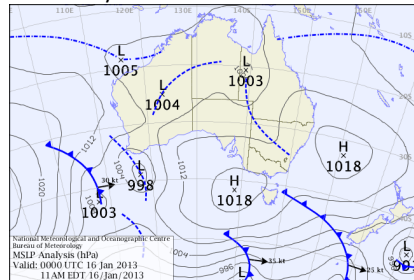
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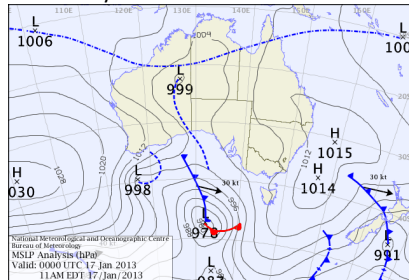
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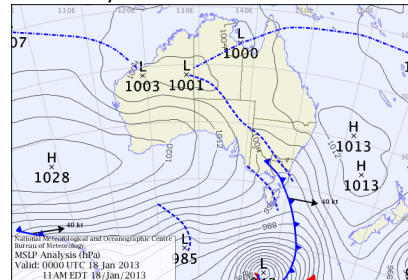
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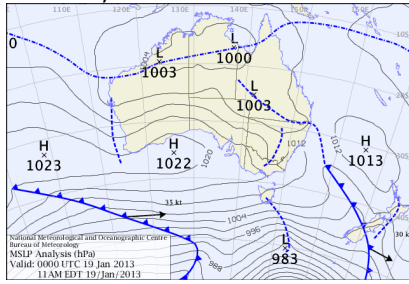
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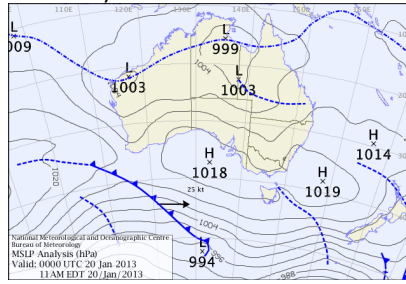
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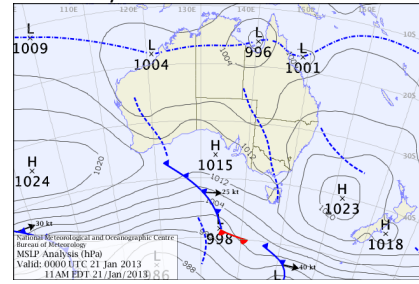
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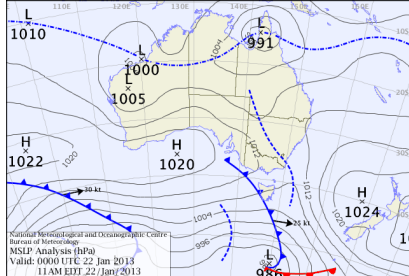
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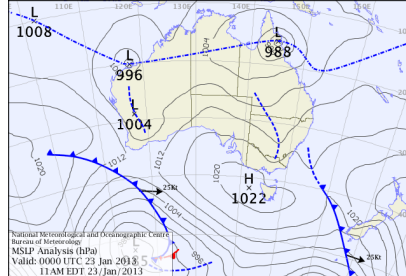
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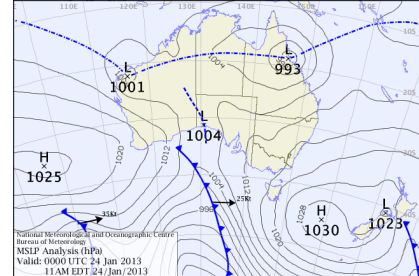
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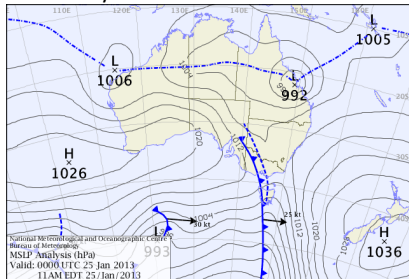
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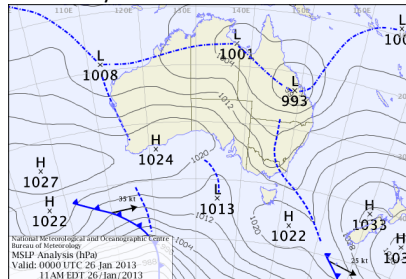
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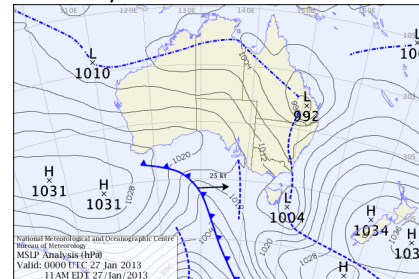
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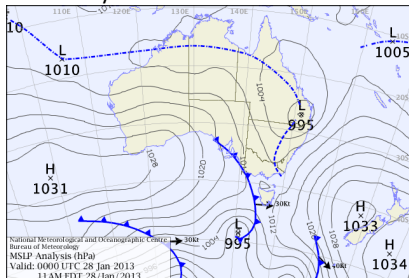
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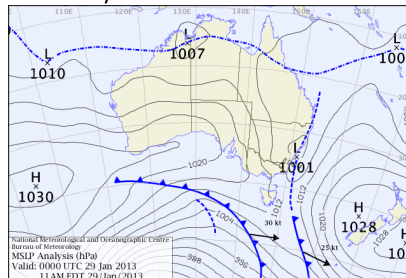
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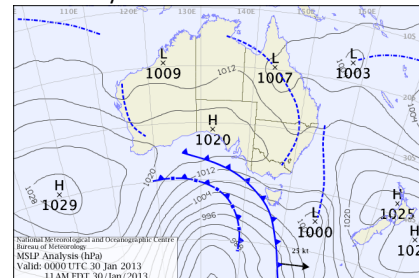
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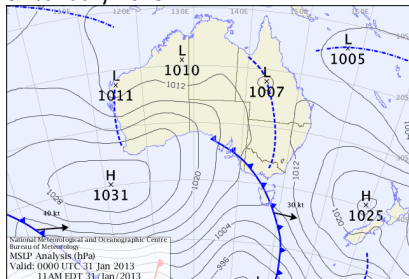
29 January 2013



30 January 2013



31 January 2013



Temperatures

The mean temperature for New South Wales in January 2013 was 27.47 °C, which is 2.79 °C above the long-term average. This was the 5th warmest January in NSW since records began in 1910, and the warmest January since 2006. Both days and nights were well above the historical average across the state, with most of NSW recording mean temperatures in the warmest 10% of years. Fifteen locations experienced their warmest January in at least 20 years, including more than 50 years at Mungindi and Taralga. Temperatures were particularly warm during the first half of the month, when a widespread and persistent heatwave impacted most of Australia.

The warmest on average was Wanaaring Post Office with 32.2 °C, followed by 32.1 °C at both Tibooburra Airport and Tibooburra Post Office.

The coolest on average was Thredbo AWS with 13.9 °C, followed by Perisher Valley AWS with 14.5 °C, followed by Thredbo Village with 16.7 °C.

New temperature records

Record highest January daily maximum temperature

	New record	Old record	Years of record
Sydney (Observatory Hill)	45.8 on 18th	45.3 on 14th in 1939	155
Tibooburra Post Office	47.9 on 12th	47.6 on 3rd in 1973	103
Nyngan Airport	47.0 on 12th	46.9 on 15th in 1939	86
Sydney Airport AMO	46.4 on 18th	45.2 on 1st in 2006	74
Gunnedah Resource Centre	42.3 on 13th = 42.3 on 7th in 1964		63
Williamtown RAAF	44.8 on 18th	44.4 on 1st in 2006	63
Moruya Heads Pilot Station	43.8 on 18th	43.2 on 30th in 2003	57
Hay (Miller Street)	47.7 on 5th	46.0 on 23rd in 2001	56
Newcastle Nobbys Signal Station AWS	42.5 on 18th	41.4 on 1st in 2006	56
Katoomba (Murri St)	36.4 on 12th	36.2 on 14th in 2005	51
Mungindi Post Office	46.8 on 12th	46.5 on 4th in 1990	48
Murrumbidgee Post Office	40.9 on 12th	40.2 on 27th in 1981	48
Prospect Reservoir	45.1 on 18th	44.7 on 15th in 2001	48
Bathurst Agricultural Station	40.2 on 12th	39.0 on 12th in 2007	47
Peak Hill Post Office	44.5 on 12th	44.3 on 3rd in 1973	46
Quirindi Post Office	42.9 on 12th	41.4 on 27th in 2011	46
Bankstown Airport AWS	46.1 on 18th	44.8 on 18th in 2003	45
Dunedoo Post Office	43.7 on 12th	43.4 on 3rd in 1973	45
Parramatta North (Masons Drive)	45.5 on 18th	44.8 on 1st in 2006	45
Trangie Research Station AWS	46.1 on 12th	45.0 on 30th in 2003	45
Tumbarumba Post Office	40.0 on 6th	39.8 on 30th in 2009	45
Wellington (Agrowplow)	43.7 on 12th	42.5 on 15th in 2001	44
Lostock Dam	43.5 on 13th	42.4 on 23rd in 2001	42
Woolbrook (Danglemah Road)	36.5 on 12th = 36.5 on 31st in 2003		41
Gulgong Post Office	42.0 on 18th	41.5 on 15th in 2001	39
Paterson (Tocal AWS)	44.4 on 18th	43.7 on 15th in 2001	39
Orange Agricultural Institute	37.2 on 12th	36.7 on 15th in 2001	38
Camden Airport AWS	46.4 on 18th	45.0 on 30th in 2003	37
Gosford (Narara Research Station) AWS	44.8 on 18th	43.8 on 1st in 2006	30
Oberon (Springbank)	36.0 on 18th	35.9 on 3rd in 1973	30
Riverview Observatory	45.4 on 18th	44.0 on 1st in 2006	29
Narooma (Marine Rescue)	43.8 on 18th	43.5 on 1st in 2006	28
Batemans Bay (Catalina Country Club)	45.6 on 18th	44.8 on 30th in 2003	22
Bathurst Airport AWS	40.1 on 18th	39.1 on 30th in 2003	22
Bombala AWS	39.2 on 18th	38.8 on 31st in 2009	22
Braidwood Racecourse AWS	40.8 on 18th	40.0 on 30th in 2003	22
Cessnock Airport AWS	45.0 on 18th	43.4 on 1st in 2006	22
Mudgee Airport AWS	41.7 on 12th	40.9 on 30th in 2003	22
Nullo Mountain AWS	36.4 on 18th	35.5 on 15th in 2001	22
Scone Airport AWS	44.2 on 12th	42.5 on 26th in 2011	22
Ulladulla AWS	44.5 on 18th	43.8 on 1st in 2006	22
Young Airport	42.6 on 18th	42.5 on 30th in 2003	22
Bega AWS	44.6 on 18th	44.4 on 12th in 2010	21
Dubbo Airport AWS	45.0 on 12th	42.9 on 15th in 2001	21
Tamworth Airport AWS	42.5 on 12th	41.0 on 7th in 2004	21
Wanaaring Post Office	48.6 on 12th	47.0 on 15th in 2001	21

Record highest January mean maximum temperature

	New record	Old record	Years of record
Nyngan Airport	39.2	38.9 in 1932	90
Barraba Post Office	35.4	34.7 in 2007	46
Peak Hill Post Office	37.1	37.0 in 1981	45
Montague Island Lighthouse	24.3 = 24.3 in 1969		41
Orange Agricultural Institute	30.6	29.9 in 2001	37
Goulburn TAFE	30.9	30.5 in 2009	35
Thredbo AWS	19.3	19.2 in 2006	32
Bathurst Airport AWS	31.8	30.8 in 2003	21
Bombala AWS	28.6 = 28.6 in 2009		21
Cooma Airport AWS	29.3 = 29.3 in 2009		21
Goulburn Airport AWS	31.1	30.4 in 2007	21
Mount Boyce AWS	26.6	26.1 in 2009	21
Mudgee Airport AWS	33.1	32.8 in 2003	21
Young Airport	35.0	34.6 in 2001	21
Dubbo Airport AWS	36.9	36.0 in 2006	20
Tamworth Airport AWS	35.5	35.1 in 2006	20
Wanaaring Post Office	40.6	39.6 in 2006	20

Highest January mean maximum temperature for at least 20 years

	Observed this month	Most recent higher	Years since higher
Burrinjuck Dam	34.4	35.8 in 1939 *	65
Trangie Research Station AWS	37.7	38.7 in 1939 *	54
Wellington (Agrowplow)	36.0	36.1 in 1946 *	54
Mungindi Post Office	38.8	39.7 in 1952 *	52
Collarenebri (Albert St)	38.2	38.4 in 1969	44
Oberon (Springbank)	28.6	28.7 in 1952 *	34
Bathurst Agricultural Station	31.8 = 31.8 in 1981		32
Condobolin Ag Research Stn	37.7	37.8 in 1981	32
Dunedoo Post Office	35.3 = 35.3 in 1981 *		28
Tumbarumba Post Office	32.1 = 32.1 in 1988		25
Coonabarabran (Namoi Street)	34.2	34.7 in 1993	20

Record highest January daily minimum temperature

	New record	Old record	Years of record
Hay (Miller Street)	31.0 on 8th = 31.0 on 24th in 2001		56
Scone SCS	29.9 on 9th	29.4 on 9th in 1969	49
Peak Hill Post Office	30.9 on 18th	29.4 on 1st in 2006	46
Trangie Research Station AWS	31.3 on 18th	28.4 on 28th in 1981	45
Lostock Dam	28.5 on 9th	25.5 on 31st in 2003	42
Thredbo Village	21.0 on 8th	19.2 on 8th in 1979	42
Griffith Airport AWS	30.0 on 8th = 30.0 on 30th in 2006		38
Thredbo AWS	17.1 on 5th	17.0 on 26th in 2003	33
Cessnock Airport AWS	29.7 on 9th	25.1 on 9th in 1969	22
Scone Airport AWS	29.0 on 9th	26.4 on 31st in 2003	22

Record highest January mean minimum temperature

	New record	Old record	Years of record
Woolbrook (Danglemah Road)	14.9	14.8 in 1978	40
Guyra Hospital	14.0	13.6 in 2006	26
Ballina Airport AWS	21.0	20.8 in 2006	20

Highest January mean minimum temperature for at least 20 years

	Observed this month	Most recent higher	Years since higher
Barraba Post Office	18.7	18.9 in 1993	20

Record highest January mean temperature

	New record	Old record	Years of record
Taralga Post Office	21.6	21.3 in 2010	52
Barraba Post Office	27.1	26.8 in 1981	46
Bowral (Parry Drive)	21.3 = 21.3 in 1991		43
Goulburn TAFE	23.0	22.9 in 1981	34
Guyra Hospital	19.8	19.4 in 1993	26
Bathurst Airport AWS	23.2	23.1 in 2006	21
Mount Boyce AWS	20.5	20.1 in 2009	21
Tamworth Airport AWS	27.5 = 27.5 in 2006		20

Highest January mean temperature for at least 20 years

	Observed this month	Most recent higher	Years since higher
Mungindi Post Office	30.8	31.0 in 1952 *	51
Katoomba (Murri St)	20.3	21.2 in 1960 *	47
Yarras (Mount Seaview)	24.7	25.1 in 1969	44
Orange Agricultural Institute	22.9	23.1 in 1981	32
Woolbrook (Danglemah Road)	22.3	22.9 in 1981 *	29
Dunedoo Post Office	27.6	27.7 in 1981 *	28
Newcastle Nobbys Signal Station AWS	23.8	24.1 in 1991	22

* **note:** there are gaps in the historical record at this site, so it is possible a higher value has gone unreported.

Maximum temperatures

NSW recorded a statewide average maximum temperature of 35.34 °C during January, 3.66 °C above the historical average. This is the third warmest January since records began in 1910, following 1932 and 1939. Temperatures were above average across the state but particularly in the northwest, where some areas were more than 5 °C above normal. More than 80% of the state experienced temperatures in the warmest 10% of years, with seventeen stations breaking their long-term record and a further eleven the warmest in at least twenty years.

Temperatures were particularly warm during the first half of the month when a major and prolonged heatwave impacted most of Australia, described in more detail in [Special Climate Statement 43](#). Temperatures were more than 6 °C above average across the state between the 1st and the 8th, with at least one site exceeding 45 °C on each day between the 4th and 8th, including record-breaking heat at Hay and Tumbarumba.

While a surface trough and southerly winds brought cooler conditions on the 9th, most of the state again experienced temperatures more than 8 °C above normal on the 11th, with temperatures more than 12 °C above normal in northern NSW on the 12th and 13th. Eighteen sites experienced their warmest January day on record on the 12th, most of which were also an annual record, including the warmest day in over 100 years at Tibooburra Post Office. Temperatures reached 48.6 °C at Wanaaring on this day, the equal-third warmest January day on record for anywhere in NSW.

This was followed by milder weather on the 14th and 15th before the final phase of the heatwave. On the 18th, the warm northern air extended across most of the state and into coastal NSW, with coastal temperatures reaching 46.5 °C at Penrith in western Sydney. Sydney Observatory Hill recorded a maximum temperature of 45.8 °C, the warmest day in more than 150 years of record and 0.5 °C higher than the previous record, with records also broken at 23 coastal stations from Moruya to Williamtown. Several stations broke their previous January record on both the 12th and 18th, including the long-record stations of Gulgong, Katoomba, and Paterson.

Temperatures were closer to normal during the remainder of January, with the statewide average temperature between the 19th and 31st remaining 1.5 °C above normal but localised cold weather in the northeast associated with rainfall on the 28th. In total, six days during January had recorded a statewide average maximum temperature exceeding 40 degrees, the second highest frequency for any month following eight days in January 1939. On ten days at least one NSW site recorded at least 45 °C, while at least one NSW site recorded temperatures above 40 °C on every day between the 1st and 13th.

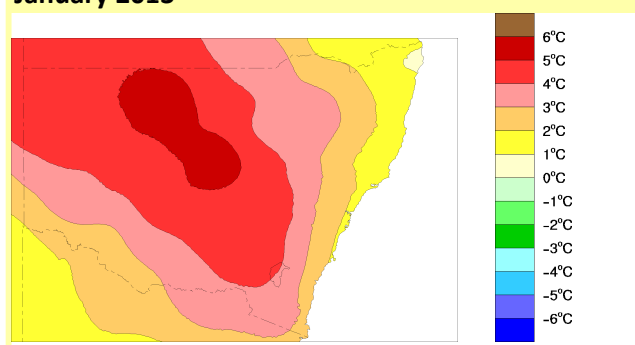
The hottest day reached 48.6 °C at Wanaaring Post Office on the 12th, followed by 48.5 °C at Walgett Airport AWS on the 13th and 48.3 °C at Bourke Airport AWS on the 12th.

The warmest days on average were 40.6 °C at both Bourke Airport AWS and Wanaaring Post Office, followed by 40.2 °C at Tibooburra Airport.

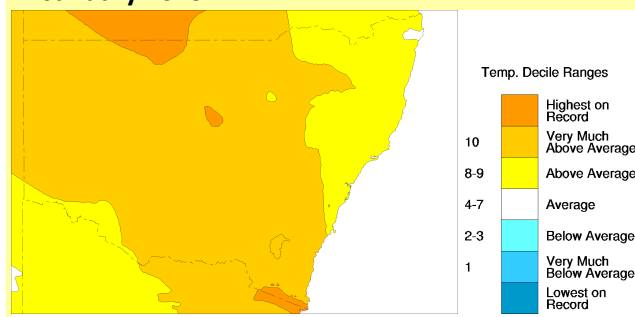
The coolest day was the 13th, with 8.0 °C at Charlotte Pass (Kosciusko Chalet) and 10.2 °C at Thredbo AWS, followed by 11.9 °C at Perisher Valley AWS on the 14th.

The coolest days on average were at Thredbo AWS with 19.3 °C, followed by Perisher Valley AWS with 21.4 °C, followed by Mount Ginini AWS with 23.3 °C.

Anomalies of mean daily maximum temperature in January 2013



Decile rank of mean daily maximum temperature in January 2013



There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

Minimum temperatures

NSW recorded a statewide average minimum temperature of 19.61 °C during January, 1.92 °C above the historical average. This is the ninth warmest January on record for minimum temperatures and the warmest since 2006, with nights warmer than average across most of the state.

The warm nights were influenced by the very warm daytime temperatures and spells of warm northerly winds during the first half of the month, but temperatures were generally mild throughout the month. Nights were particularly warm in southern NSW on the 8th, the warmest night on record at Hay, with further records in northern NSW on the 9th. Nights were also particularly warm in western NSW on the 18th, with widespread temperatures more than 8 °C above normal including records at Peak Hill and Trangie.

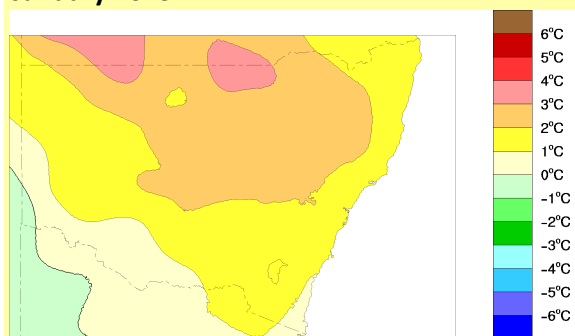
The coldest night was the 14th, with -2.2 °C at Thredbo AWS, -2.0 °C at Charlotte Pass (Kosciusko Chalet), and -0.4 °C at Perisher Valley AWS; Perisher Valley AWS also recorded -0.4 °C on the 15th.

The coolest nights on average were at Perisher Valley AWS with 7.9 °C, followed by Thredbo AWS with 8.4 °C, followed by Thredbo Village with 9.1 °C.

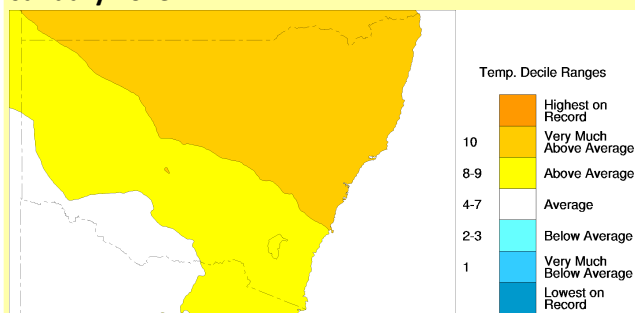
The warmest nights on average were at Lightning Ridge Visitors Information Cen with 24.3 °C, followed by Tibooburra Post Office with 24.1 °C, followed by Tibooburra Airport with 24.0 °C.

The warmest night was on the 18th, with 32.2 °C recorded at Broken Hill Airport AWS, Pooncarie Mail Agency, and Tibooburra Post Office.

Anomalies of mean daily minimum temperature in January 2013



Decile rank of mean daily minimum temperature in January 2013



There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

Rainfall

The statewide average rainfall during January was 56.19 mm, slightly below the historical average of 65.59 mm. This is significantly drier than the recent years 2011 and 2012, but the highest monthly total for NSW since March 2012. The Murray-Darling Basin was slightly drier, with an average of 36.5 mm compared to the historical average of 55.14 mm.

Conditions were generally dry across the state during most of January, with a statewide average rainfall of less than 20 mm between the 1st and 26th and less than 5 mm in much of southern and western NSW. Rain during this period was typically patchy and related to thunderstorms and surface troughs, with more consistent rainfall on the north coast. These conditions persistent in western NSW until the end of the month, with 36 stations recording their driest January in at least 20 years, several of which recorded no rainfall at all.

The major rainfall feature of the month developed as ex-Tropical Cyclone *Oswald* progressed into northern NSW from the 27th. Large areas of the Northern Rivers recorded more than 100 mm of rain on the 28th, reaching 600 mm at Mt Numinbah and breaking daily rainfall records at 29 stations including Grafton. Heavy falls extended to much of the coastal strip on the 29th, breaking daily records at 42 stations including Forster and Bowral and reaching 282 mm at Chillingham.

In total, during the three days between the 27th and 29th much of the central and northern coasts of NSW recorded totals of at least 200 mm, with totals reaching 753 mm at Chillingham and exceeding 300 mm at numerous stations including Coffs Harbour, Katoomba and Murwillumbah. The heavy totals resulted in minor to major flooding in the Northern Rivers, Mid North Coast and Hunter regions, with 89 stations recording their highest total rainfall for January in more than 20 years.

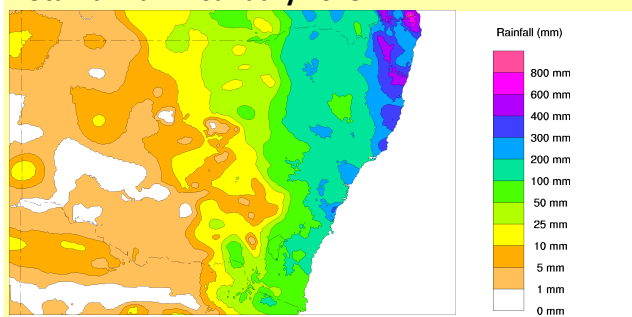
For further information on ex-TC *Oswald* see [Special Climate Statement 44](#).

The wettest overall was Chillingham with 852.0 mm, followed by 844.0 mm at Chillingham (Limpinwood) and 790.6 mm at Doon Doon (McCabes Road).

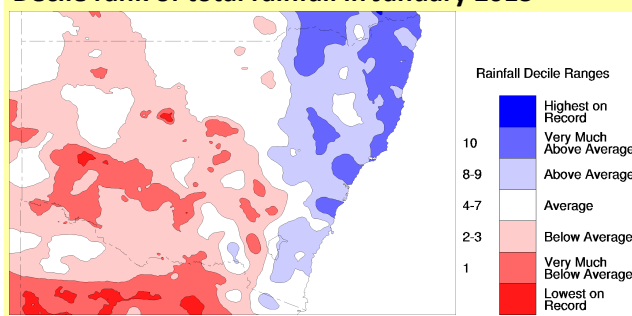
The driest overall was 0 mm, recorded at several stations in western NSW including Menindee Post Office, Pooncarie Mail Agency, and Griffith Airport.

The wettest single day was on the 28th, with 444.0 mm at Chillingham (Limpinwood), 380.0 mm at Chillingham, and 348.0 mm at Boat Harbour (Rous River).

Total rainfall in January 2013



Decile rank of total rainfall in January 2013



There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

New rainfall records

Record highest January daily rainfall			
	New record	Old record	Years of record
Willow Tree (Valais)	127.0 on 29th	126.2 on 30th in 1984	132
Picton Council Depot	223.8 on 29th	211.6 on 23rd in 1933	123
Werris Creek Post Office	109.4 on 29th	104.2 on 8th in 1974	122
Forster - Tuncurry Marine Rescue	160.0 on 29th	142.7 on 13th in 1911	117
Wyee (Wyee Farms Rd)	171.8 on 29th	148.6 on 15th in 1948	114
Old Koreelah (McPherson)	205.0 on 28th	143.0 on 5th in 2008	101
Broke (Harrowby)	85.0 on 29th	83.0 on 17th in 1988	96
Pine Ridge (Billabong)	131.0 on 29th	106.0 on 23rd in 1991	84
Kookabookra	102.4 on 28th	97.8 on 13th in 1968	83
Chillingham (Limpinwood)	444.0 on 28th	335.0 on 26th in 1974	76
Humula (Rylands)	78.0 on 28th	57.0 on 26th in 1984	70
Chillingham	380.0 on 28th	268.6 on 26th in 1974	61
Willow Tree (Cooinda)	93.6 on 29th	86.0 on 24th in 1976	61
Mumbil (Burrendong Dam)	102.8 on 27th	86.8 on 24th in 1978	60
Doon Doon (McCabes Road)	330.0 on 28th	208.8 on 6th in 1962	55
Rosebank (Repentance Creek)	312.0 on 28th	215.6 on 26th in 1974	55
Congewai (Greenock)	110.0 on 29th	92.4 on 30th in 1984	54
Emmaville (Ben Vale)	79.8 on 28th	79.4 on 28th in 1978	53
Clunes (Main Rd)	220.0 on 28th	180.0 on 19th in 2006	52
Pokolbin (Jacksons Hill)	106.0 on 29th	100.2 on 30th in 1984	52
Yarras (Mount Seaview)	201.2 on 28th	166.0 on 9th in 1974	52
Berkeley (Northcliffe Drive)	143.0 on 29th	90.9 on 27th in 1967	50
Bowral (Parry Drive)	85.4 on 29th	73.7 on 12th in 1962	50
Grafton South (South Grafton (Yeerong))	149.0 on 28th	148.3 on 30th in 1967	49
Whiporie Post Office	143.8 on 28th	102.0 on 31st in 2001	49
Windang Bowling Club	121.6 on 29th	89.0 on 16th in 2002	49
Watagan Central	104.2 on 29th	103.2 on 17th in 1988	48
Crooble Station	67.0 on 28th	64.0 on 6th in 1978	47
Grafton Olympic Pool	131.4 on 28th	111.8 on 5th in 1967	47
Mount Mitchell (Tirranna)	90.0 on 28th	77.7 on 13th in 1968	47
Bulga (Down Town)	88.8 on 29th	81.6 on 17th in 1988	46
North Star (Bonanza)	106.0 on 29th	64.0 on 23rd in 1993	46
Green Pigeon (Morning View)	240.2 on 28th	227.4 on 5th in 2008	45
Tabulam (Muirne)	200.6 on 28th	170.2 on 5th in 2008	43
Buxton (Amaroo)	133.0 on 29th	71.1 on 26th in 1967	42
Parkville (Aroona)	123.8 on 29th	80.8 on 23rd in 1976	42
Bowraville (Cow Cownty)	137.0 on 28th	118.2 on 7th in 2006	40
Cooma Visitors Centre	68.2 on 27th	65.0 on 9th in 1992	40
Camden Airport AWS	125.2 on 29th	88.9 on 28th in 1973	39
Douglas Park (St. Marys Towers)	94.0 on 29th	42.2 on 17th in 1988	39
Rosebank (Upper Coopers Creek)	321.8 on 28th	191.0 on 19th in 2006	38
Black Swamp (Maxwell)	134.0 on 28th	122.4 on 11th in 2011	36
Oakdale (Cooyong Park)	131.0 on 29th	86.0 on 17th in 2006	36
Avalon Beach (Avalon (Palmgrove Rd))	118.0 on 29th	74.9 on 14th in 1968	35
Gosford North (Glennie St)	162.2 on 29th	154.0 on 7th in 1989	35
Campbelltown (Kentlyn (Georges River Roa	117.0 on 29th	93.2 on 28th in 1973	34
Kars Springs (Welldun)	126.0 on 29th	85.4 on 7th in 1974	33
Smiths Lake (Patsys Flat Road)	176.0 on 28th	142.0 on 7th in 2006	33
Audley (Royal National Park)	139.0 on 29th	117.0 on 31st in 2001	31
Schofields Boundary Rd	84.2 on 29th	75.7 on 17th in 1988	30
Upper Mongogarie (Marangaroo)	150.6 on 27th	125.4 on 20th in 1988	28
Mandalong (Mandalong Road)	152.0 on 29th	132.5 on 17th in 1988	27
Nana Glen (Cowling Close)	147.0 on 29th	130.0 on 26th in 2012	27
Elands (Black Sands Creek)	82.0 on 29th	78.0 on 8th in 2006	26
Mallanganee (Hereford Hills)	165.0 on 28th	120.0 on 5th in 2008	26
Swansea (Catherine St)	129.8 on 28th	64.4 on 22nd in 1999	26
Winmalee (Pentlands Drive)	149.6 on 29th	67.6 on 30th in 1997	26
Gunderman (Wisemans Ferry Rd)	98.0 on 29th	72.9 on 5th in 1968	25
Lowanna (Grafton St)	259.0 on 28th	196.3 on 28th in 1974	25
Millbank	88.0 on 28th	87.0 on 7th in 1996	25

Record highest January daily rainfall

	New record	Old record	Years of record
Grafton Research Stn	116.2 on 28th	110.5 on 27th in 1927	24
Blayney (Orange Road)	79.6 on 27th	61.4 on 3rd in 1996	23
Chatswood Bowling Club	132.0 on 29th	102.9 on 23rd in 1955	23
Curlewis (Wongalee)	90.0 on 29th	65.0 on 20th in 1995	23
Mount Numinbah	600.0 on 28th	275.1 on 5th in 2008	23
Putty Tea Rooms	103.6 on 29th	76.2 on 9th in 1974	23
Belrose (Evelyn Place)	157.8 on 29th	77.4 on 22nd in 1999	22
Boonoo Boonoo (Currawong)	173.0 on 28th	151.6 on 11th in 2011	22
Cessnock Airport AWS	80.4 on 29th	57.4 on 18th in 2008	22
Braidwood Racecourse AWS	65.8 on 29th	49.0 on 21st in 1995	21
Howes Valley (Putty Rd)	98.0 on 29th	78.0 on 5th in 1968	21
Ingleburn (Sackville Street)	114.4 on 29th	86.0 on 31st in 2001	21
Robertson (The Pie Shop)	163.8 on 29th	72.0 on 2nd in 1989	21
Wilsons Downfall	277.2 on 28th	140.4 on 5th in 2008	21
Eraring (Payten St)	120.8 on 29th	48.6 on 25th in 1999	20

Record highest January total rainfall

	New record	Old record	Years of record
Rosebank (Repentance Creek)	725.6	721.2 in 1962	53
Wollombi (Narone Creek Rd)	221.4	218.4 in 1968	44
Rosebank (Upper Coopers Creek)	693.4	564.2 in 2006	38
Smiths Lake (Patsys Flat Road)	396.2	357.0 in 1989	33
Audley (Royal National Park)	185.0	179.8 in 1986	31
Hollisdale (Pappinbarra Rd)	357.8	331.0 in 2006	29
Belrose (Evelyn Place)	222.8	208.0 in 1999	22
Braidwood Racecourse AWS	122.8	121.4 in 2006	21
Ingleburn (Sackville Street)	160.4	138.3 in 2001	21
Mount Numinbah	996.4	778.4 in 2008	21
Eraring (Payten St)	206.0	200.0 in 1996	20
Jamberoo (The Ridge)	247.2	220.0 in 2001	20

Highest January total rainfall for at least 20 years

	Observed this month	Most recent higher	Years since higher
Forster - Tuncurry Marine Rescue	383.8	404.7 in 1951	62
Laurieton (Elouera St)	370.0	511.4 in 1962 *	49
Coffs Harbour MO	480.8	512.6 in 1967	46
Ebor (Wongwibinda)	287.4	289.1 in 1968 *	44
Moorland (Denro-An)	334.6	342.6 in 1968 *	42
Kangaroo Creek (Hayfield)	364.6	386.6 in 1974	39
Bulahdelah Post Office	297.8	310.6 in 1974 *	38
Chillingham	852.0	1144.4 in 1974 *	38
Chillingham (Limpinwood)	844.0	1203.0 in 1974 *	38
Doon Doon (McCabes Road)	790.6	995.8 in 1974 *	38
Ebor (The Racecourse)	396.4	432.7 in 1974 *	38
Grafton South (South Grafton (Yeerong))	318.2	427.8 in 1974 *	38
Cangai (Smelter Creek)	561.2	645.8 in 1974 *	37
Albion Park Post Office	225.6	269.0 in 1976 *	36
Congewai (Greenock)	238.0	255.4 in 1974 *	36
Nulkaba (O'Connors Road)	181.4	187.0 in 1976 *	36
Yallambie (Mount Auban)	183.4	190.6 in 1976 *	36
Yarras (Mount Seaview)	622.2	706.8 in 1974 *	36
Berkeley (Northcliffe Drive)	215.4	258.4 in 1978	35
Bowral (Parry Drive)	155.6	190.6 in 1978 *	34
Buxton (Amaroo)	236.4	258.0 in 1976 *	34
Mittagong (Alfred Street)	172.8	216.0 in 1978 *	34
Cataract Dam	184.4	334.4 in 1978 *	33
Douglas Park (St. Marys Towers)	208.0	210.2 in 1978 *	33
Windang Bowling Club	211.8	242.6 in 1978 *	31
Camden Airport AWS	179.4	263.6 in 1978 *	30
Braidwood (Wallace Street)	133.8	172.4 in 1984	29
Bungonia (Inverary Park)	100.6	173.0 in 1984	29
Moss Vale (Hoskins Street)	123.0	143.2 in 1984	29
Nymboida (Armidale Road)	442.2	644.4 in 1974 *	29
Pokolbin (Jacksons Hill)	190.2	192.4 in 1984	29
Pokolbin (Somerset)	167.4	191.0 in 1984	29
Raymond Terrace (Kinross)	158.2	185.6 in 1984	29
Upper Rouchel (Mount View)	174.0	244.2 in 1984 *	28
Curlewis Post Office	174.1	303.4 in 1984 *	27
Glendon Brook (Lilyvale)	138.0	174.6 in 1984 *	27
Parkville (Aroona)	205.0	232.2 in 1984 *	27
Williamtown RAAF	203.4	205.6 in 1986	27
Bunnann (Milhaven)	182.2	235.2 in 1984 *	26
Kars Springs (Welldun)	256.6	271.8 in 1976 *	26
Richmond - UWS Hawkesbury	165.9	187.0 in 1984 *	26
Broke (Harrowby)	187.4	199.8 in 1984 *	25
Denman (Palace Street)	127.2	182.0 in 1988	25
Kulnura (Mangrove Creek Dam)	184.0	208.0 in 1988	25
Merriwa (Mar-Lea)	174.2	175.2 in 1987 *	25
Pokolbin (Ben Ean)	185.4	189.6 in 1984 *	25
Gosford (Narara Research Station) AWS	312.0	406.7 in 1989	24
Mandalong (Mandalong Road)	238.4	336.5 in 1989	24
Newcastle Nobbys Signal Station AWS	136.6	139.8 in 1989	24
Picton Council Depot	239.8	307.8 in 1978 *	24
Sedgefield (Bundajon)	139.9	214.0 in 1987 *	24
Wittittrin	393.0	662.4 in 1974 *	24
Wyee (Wyee Farms Rd)	263.8	327.3 in 1989	24
Yarramalong (Lewensbrook)	228.8	252.2 in 1989	24
Branxton (Dalwood Vineyard)	149.6	197.4 in 1989 *	23
Bulga (Down Town)	165.8	167.2 in 1988 *	23
Cooranbong (Avondale)	239.0	265.4 in 1989 *	23
Crescent Head	373.9	490.2 in 1989 *	23
Elderslie	162.0	212.0 in 1989 *	23
Gundy (Miller St)	162.8	185.3 in 1984 *	23
Mona Vale Golf Club	222.0	259.0 in 1989 *	23
Ouimbah (Dog Trap Road)	265.8	381.4 in 1989 *	23
Swansea (Catherine St)	218.4	219.0 in 1989 *	23
Wisemans Ferry (Old PO)	175.0	190.0 in 1988 *	23
Avalon Beach (Avalon (Palmgrove Rd))	200.5	208.1 in 1968 *	22
Avoca Beach Bowling Club	265.0	438.0 in 1989 *	22
Bowmans Creek (Grenell)	147.2	159.0 in 1991	22
Campbelltown (Kentlyn (Georges River Roa	164.0	197.8 in 1978 *	22
Gresford Post Office	145.0	160.2 in 1988 *	22
Lowanna (Grafton St)	655.8	1088.7 in 1974 *	22
Maroota (Old Telegraph Road)	164.4	170.5 in 1988 *	22
Mullaley Post Office	168.3	186.0 in 1991	22
Oakdale (Cooyong Park)	222.8	386.2 in 1978 *	22

Highest January total rainfall for at least 20 years

	Observed this month	Most recent higher	Years since higher
Rouchel Brook (Albano)	128.0	180.2 in 1991	22
Scone SCS	173.8	197.6 in 1991	22
Gosford North (Glennie St)	288.2	413.5 in 1989 *	21
Wollomombi Post Office	184.0	187.3 in 1972 *	20

* **note:** there are gaps in the historical record at this site, so it is possible a higher value has gone unreported.

Record lowest January total rainfall

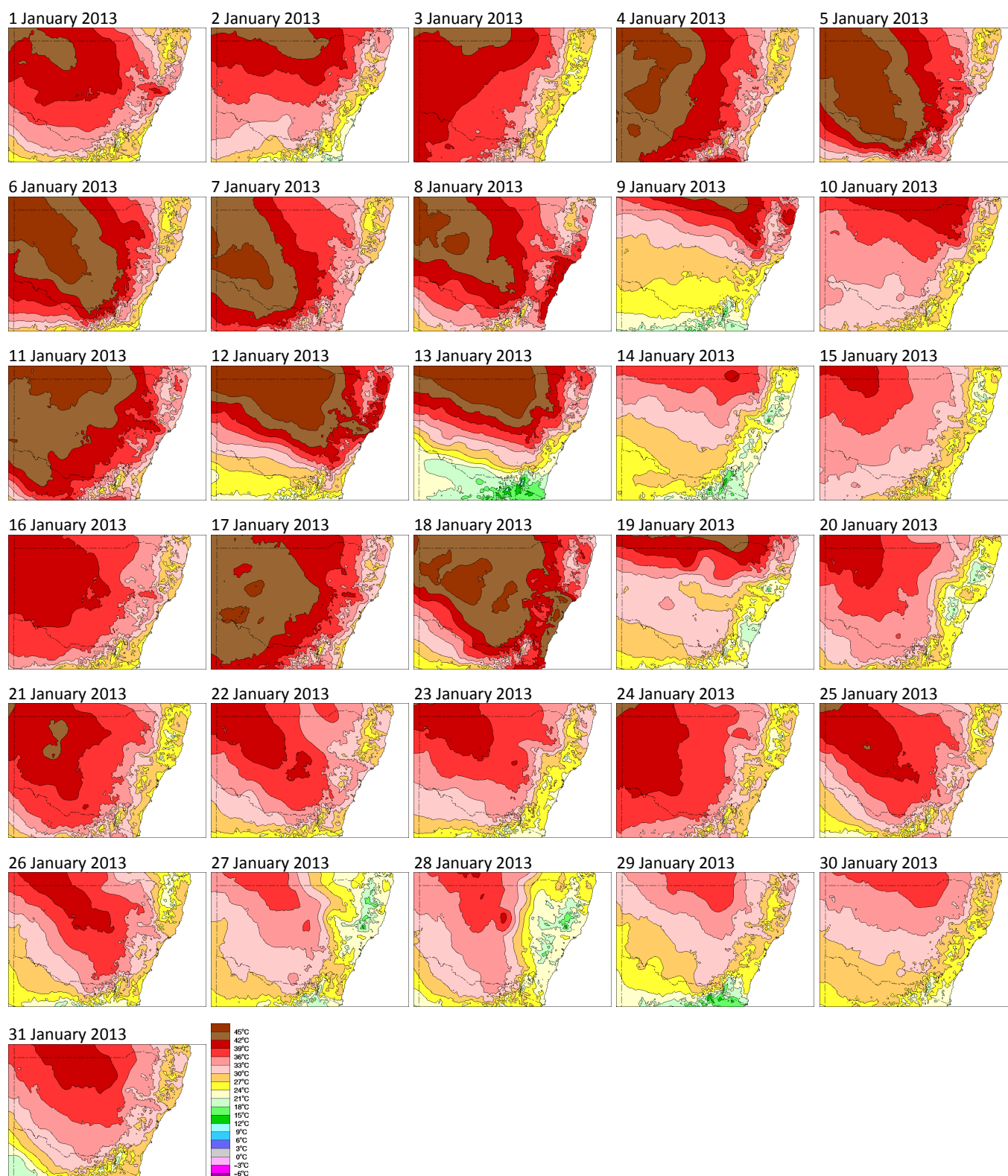
	New record	Old record	Years of record
Menindee Post Office	0.0	= 0.0 in 2004	134
Pooncarie (Tarcoola)	0.0	= 0.0 in 2003	134
Pooncarie Mail Agency	0.0	= 0.0 in 2009	130
Pooncarie (Karpa Kora Station)	0.0	= 0.0 in 2000	128
Booligal (Ulonga)	0.0	= 0.0 in 2000	127
Broken Hill (Stephens Creek Reservoir)	0.0	= 0.0 in 2004	122
Umberumberka Reservoir	0.0	= 0.0 in 2004	102
Cobar (Tambua)	0.0	= 0.0 in 2003	94
Wentworth (Woodlands)	0.0	= 0.0 in 2009	90
Yenda (Henry Street)	0.0	= 0.0 in 1987	89
Merriwagga (The Old School Caravan Park	0.0	= 0.0 in 1957	80
Broken Hill (Waterbag)	0.0	= 0.0 in 2010	67
Cobar MO	0.6	1.4 in 2002	51
Griffith Airport AWS	0.0	= 0.0 in 1994	50
Weethalle (Mountain View)	0.0	= 0.0 in 1965	49
Merriwagga (Sylvanham)	0.0	= 0.0 in 1994	45
Wilmatha (Wanganui)	1.0	1.6 in 1985	45
Coleambally Irrigation	1.0	1.6 in 1994	35

Lowest January total rainfall for at least 20 years

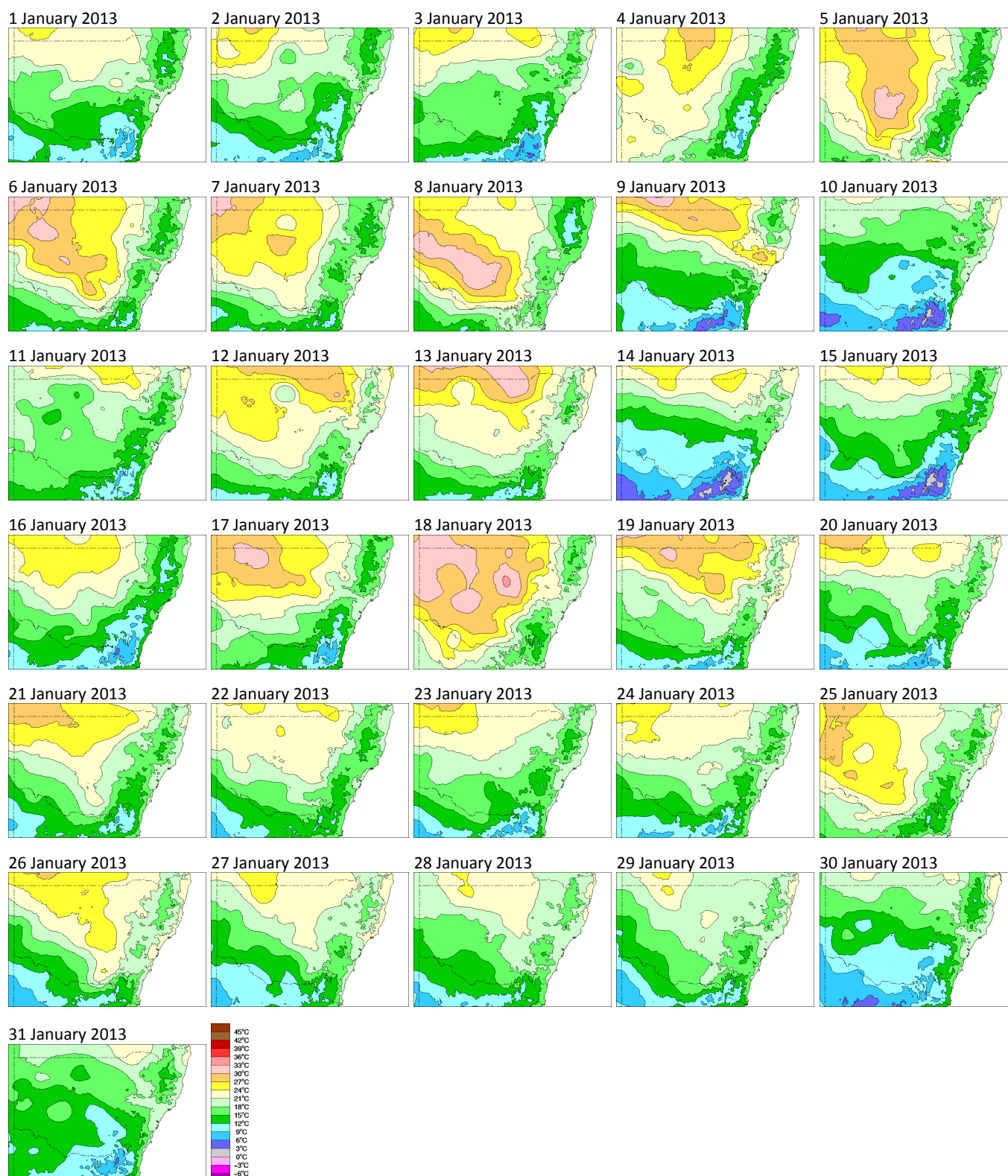
	Observed this month	Most recent lower	Years since lower
Canowindra (Canowindra Street)	3.0	0.0 in 1965	48
Nyngan (Mudall)	3.0	0.0 in 1965	48
Tumut (Simpson Street)	4.4	0.0 in 1965	48
Harden (Dunolly)	3.0	0.0 in 1965 *	47
Batlow Post Office	6.2	0.0 in 1965 *	46
Murringo (Yallambee)	3.8	0.0 in 1968 *	44
Tullamore (Old Post Office)	3.6	= 3.6 in 1979	34
Gunbar (Kelsey)	1.0	0.0 in 1983	30
Urana Post Office	1.3	1.2 in 1983	30
Wallendbeen (Corang)	3.8	1.4 in 1983 *	29
Blowering Dam	7.6	7.4 in 1985	28
Bigga (Birrellan)	15.0	8.0 in 1985 *	27
Corowa Airport	3.4	1.8 in 1986	27
Yalgogrin North (Roloma)	1.6	0.6 in 1985 *	27
Leeton (Bents Hill)	2.6	0.0 in 1987	26
Narrandera Golf Club	2.4	1.8 in 1987 *	25
Walla Walla Post Office	2.1	1.0 in 1987 *	25
Hay (Mulberrygong)	1.0	0.0 in 1983 *	23

* **note:** there are gaps in the historical record at this site, so it is possible a lower value has gone unreported.

Daily maximum temperature for January 2013

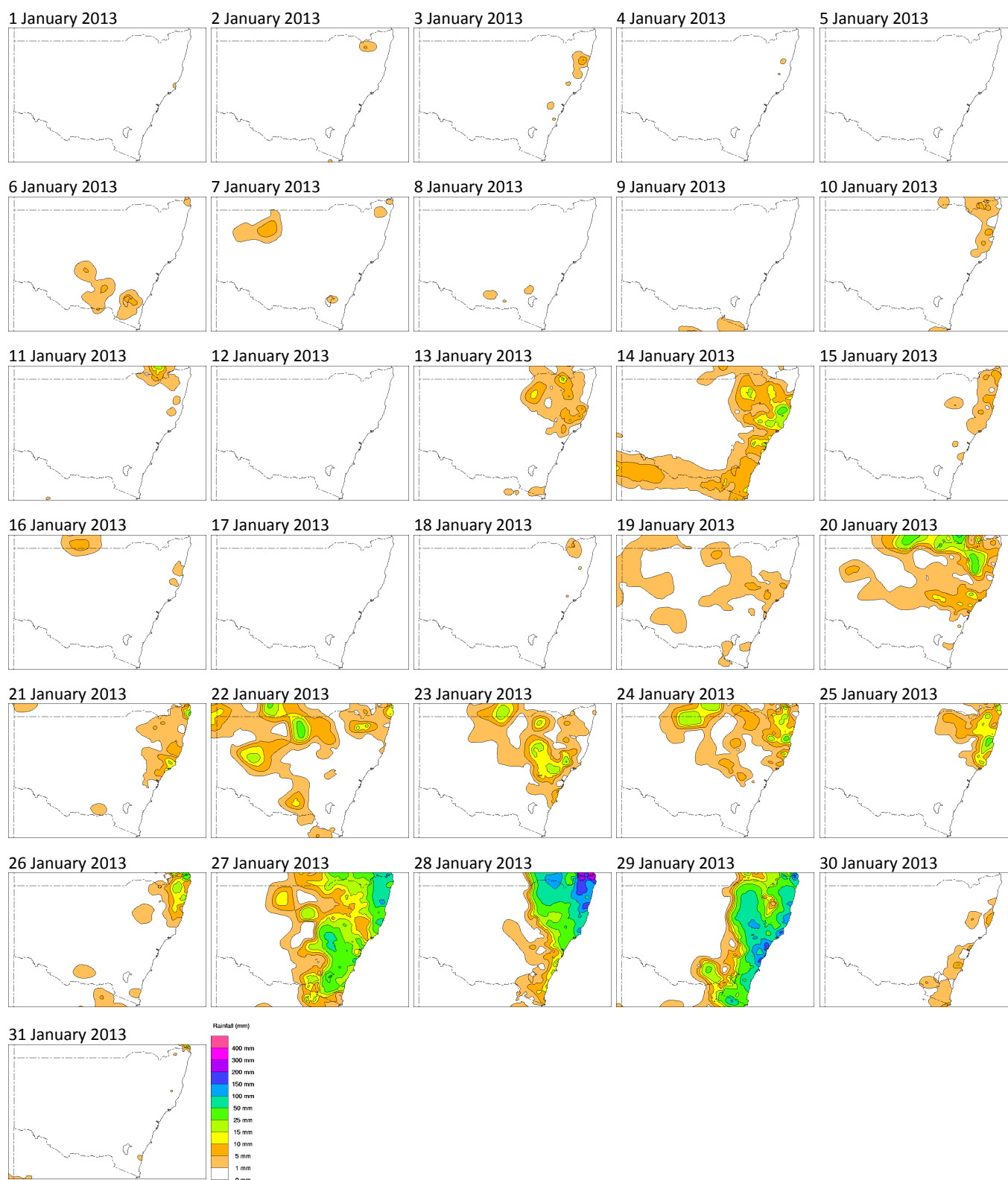


These maps are presented to give a statewide overview of conditions on each day through the month. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

Daily minimum temperature for January 2013

These maps are presented to give a statewide overview of conditions on each day through the month. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

Daily rainfall for January 2013



These maps are presented to give a statewide overview of conditions on each day through the month. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

Summary of observations for Sydney in January 2013

Observations and climatology are from Observatory Hill, except for evaporation, sunshine and wind which are from Sydney Airport.

	Observed this month		Climatological value	
Temperature				
Mean daily maximum temperature	27.6 °C		25.9 °C	
Mean daily minimum temperature	20.5 °C		18.7 °C	
Mean temperature	24.1 °C		22.3 °C	
Mean temperature at 9 am	23.7 °C		22.5 °C	
Mean temperature at 3 pm	25.9 °C		24.8 °C	
Highest temperature	45.8 °C	on the 18th	45.3 °C	on the 14th in 1939
Lowest temperature	16.8 °C	on the 15th	10.6 °C	on the 18th in 1949
Days 28 °C or warmer	11		6.2	
Days 30 °C or warmer	3		3.1	
Days 35 °C or warmer	2		0.8	
Nights 5 °C or cooler	0		0.0	
Nights 2 °C or cooler	0		0.0	
Humidity				
Mean relative humidity at 9 am	68 %		71 %	
Mean relative humidity at 3 pm	59 %		62 %	
Pressure				
Mean MSL pressure at 9 am	1012.6 hPa		1014.4 hPa	
Mean MSL pressure at 3 pm	1010.9 hPa		1012.7 hPa	
Wind				
Strongest wind gust	S 87 km/h	on the 18th	NNW 152 km/h	on the 15th in 1949
Mean wind speed at 9 am	19 km/h		15 km/h	
Mean wind speed at 3 pm	30 km/h		24 km/h	
Days with strong wind	8		6.8	
Days with gales	1		0.5	
Days with gale-force gusts	5		5.3	
Rainfall				
Total precipitation	137.8 mm		101.7 mm	
Number of rain days	8		12.2	
Wettest day	95.2 mm	on the 29th	191.0 mm	on the 17th in 1988
Sunshine				
Mean daily sunshine	7.3 hours		7.5 hours	
Evaporation				
Mean daily evaporation	7.9 mm		7.2 mm	

Summary of observations for Canberra in January 2013

Observations and climatology are from Canberra Airport, with the climatology based on both the "old" and "new" sites.

	Observed this month		Climatological value	
Temperature				
Mean daily maximum temperature	32.3 °C		28.1 °C	
Mean daily minimum temperature	13.9 °C		13.2 °C	
Mean temperature	23.1 °C		20.7 °C	
Mean temperature at 9 am	20.6 °C		19.1 °C	
Mean temperature at 3 pm	30.1 °C		26.5 °C	
Highest temperature	42.0 °C	on the 18th	42.0 °C	on the 18th in 2013
Lowest temperature	5.6 °C	on the 15th	1.6 °C	on the 12th in 2012
Days 28 °C or warmer	25		15.7	
Days 30 °C or warmer	20		11.2	
Days 35 °C or warmer	10		2.8	
Nights 5 °C or cooler	0		0.3	
Nights 2 °C or cooler	0		0.0	
Nights −2 °C or cooler	0		0.0	
Humidity				
Mean relative humidity at 9 am	60 %		63 %	
Mean relative humidity at 3 pm	27 %		36 %	
Pressure				
Mean MSL pressure at 9 am	1011.7 hPa		1013.7 hPa	
Mean MSL pressure at 3 pm	1008.6 hPa		1010.8 hPa	
Wind				
Strongest wind gust	NW 83 km/h on the 8th		W 120 km/h on the 9th in 1975	
Mean wind speed at 9 am	11 km/h		7 km/h	
Mean wind speed at 3 pm	20 km/h		17 km/h	
Days with strong wind	2		2.1	
Days with gales	0		0.2	
Days with gale-force gusts	3		2.7	
Rainfall				
Total precipitation	72.6 mm		58.4 mm	
Number of rain days	7		7.3	
Wettest day	43.0 mm	on the 27th	95.0 mm	on the 12th in 1945
Sunshine				
Mean daily sunshine			9.5 hours	
Evaporation				
Mean daily evaporation	9.4 mm		8.2 mm	
Phenomena				
Days of thunder	1		4.0	
Days of hail	0		0.6	
Days of frost	0		0.1	
Days of fog	0		1.1	
Days with mist or haze	5		14.1	
Days with snow	0		0.0	

Daily and mean maximum temperatures for January 2013

Mean is the average of the daily maximum temperature for January 2013; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily maximum temperature for January 2013 and the long-term average maximum temperature for January. **Decile** is the decile rank of mean daily maximum temperature for January 2013 in the climate record of other January mean daily maximum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The **lowest** and **highest** maximum temperatures for each site for January 2013 are highlighted.

Western (Far Northwest) (46)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Tibooburra Airport			40.2			41.4	40.3	40.6	44.7	46.9	46.0	43.6	44.8	33.2	36.0	44.5	47.7	44.3	35.1	38.6	39.9	42.3	43.8	38.8	40.2	40.0	39.7	40.2	41.5	41.5	38.1	34.1	34.5	32.3	33.6	36.7	
White Cliffs AWS			39.2			41.0	39.2	40.5	44.9	47.0	46.1	44.1	44.8	30.4	36.0	44.7	42.7	40.6	31.7	38.0	39.9	42.2	45.2	29.3	39.0	41.2	40.0	39.1	40.5	41.3	35.9	32.9	34.4	31.9	33.1	37.2	
Wilcannia Aerodrome AWS			39.3			40.6	38.5	41.0	45.1	47.5	47.6	45.0	45.7	30.0	35.6	44.4	42.1	39.6	32.1	37.3	41.2	44.6	46.8	31.9	38.9	41.8	39.7	38.6	40.6	41.5	35.1	32.6	34.4	30.1	32.7	37.1	
Western (Lower Darling) (47)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Broken Hill Airport AWS			36.1	+2.9	10	38.0	35.8	39.5	43.4	44.2	42.1	44.1	43.8	27.3	33.2	42.2	36.4	33.9	28.8	34.8	39.8	42.3	41.6	30.6	34.6	38.7	35.4	34.5	39.5	35.2	30.3	29.1	30.2	26.6	29.7	33.0	
Lake Victoria Storage			34.2	+2.1	9	35.5	34.9	40.1	43.1	42.9	41.0	43.9	37.4	27.9	32.5	43.8	31.1	24.1	44.7	33.2	30.4	33.8	37.2	32.8	33.0	34.0	30.7	27.7	29.7	30.0	26.5	27.8	28.8				
Menindee Post Office			37.7	+3.4	9	39.0	36.4	40.5	45.1	46.0	43.9	45.6	42.3	28.6	33.8	44.1	37.8	33.8	28.9	36.0	40.3	44.1	41.2	31.4	36.4	39.5	36.4	36.7	40.8	36.5	31.4		31.6	31.5	34.2		
Western (Upper Darling) (48)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bourke Airport AWS			40.6			41.5	42.0	41.3	45.0	44.4	44.0	39.3	42.4	35.7	37.3	45.0	48.3	48.0	36.0	37.7	39.6	42.9	45.1	39.8	37.7	41.0	38.5	39.8	38.7	39.2	39.8	37.6	38.5	35.4	35.4	40.5	
Brewarrina Hospital																	48.1	35.2	36.6	39.1	41.8	44.1	34.6	37.6	39.6			37.1	36.2	36.8	38.0	35.9	35.9	36.0	35.9	40.2	
Cobar Airport AWS			39.0			41.2	38.7	39.9	42.6	44.0	44.4	41.0	42.3	30.1	35.7	43.9	46.7	42.2	32.7	36.3	39.9	43.5	44.7	29.5	37.2	38.7	39.2	39.2	37.9	39.7	39.8	34.5	36.7	32.5	34.4	38.5	
Collarenebri (Albert St)			38.2	+2.6	9	41.4	40.0	39.0	38.2	38.3	36.4	38.8	38.8	40.0	44.2	46.6	46.0	37.9	33.9				41.2	43.2	38.4	36.2	38.0	34.5	37.3	35.8	37.0	35.6	30.3	27.7	36.9	37.4	37.8
Western (Southwest Plains) (49)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Balranald (RSL)						33.0	38.9	44.3	45.0	40.0	44.1	37.0	25.8	32.8	41.8	30.0	24.0								34.4	37.0	32.5	32.0	38.6		32.5	30.6	31.2	26.5	29.8	32.4	
Ivanhoe Aerodrome AWS			38.0			39.4	35.7	39.6	44.2	46.7	46.4	45.3	43.4	28.3	34.2	43.1	39.5	34.6	29.5	35.9	40.3	44.5	44.9	33.0	37.4	40.9		36.6	40.0	39.1	34.1	31.7	34.0	29.7	31.3	36.0	
Central Western Plains (South) (50)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Condobolin Airport AWS			37.9			39.2	36.9	37.4	41.6	44.4	44.1	41.2	43.5	28.8	34.1	41.7	44.1	38.2	31.1	34.4	39.5	43.3	45.9	29.0	35.4	37.3	39.7	37.9	37.7	39.7	38.5	33.9	32.5	32.6	32.1	38.4	
West Wyalong Airport AWS			36.8			37.5	35.3	35.8	40.1	43.7	44.1	41.3	42.7	27.4	34.0	41.2	40.4	32.9	30.4	33.5	38.1	41.6	44.8	31.6	35.9	37.0	38.0	36.3	37.1	38.2	37.6	32.5	33.5	31.6	30.8	36.2	
Central Western Plains (North) (51)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Coonamble Airport AWS			37.6			39.5	40.1	38.2	38.3	38.5	40.8	36.9	38.1	33.3	37.7	41.7	45.1	46.7	35.6	34.0	36.8	40.3	43.4	37.5	34.0	36.6	34.9	35.6	36.1	37.2	38.2	32.6	28.5	35.4	34.7	38.2	
Nyngan Airport			39.2	+5.0	H	41.1	39.3	38.5	40.8	42.0	42.5	38.5	41.0	31.4	37.0	44.0	47.0	44.7	33.3	35.0	39.2	42.6		45.0	36.5	38.7	39.0	36.5	37.0		38.8	34.6	34.8	39.0			
Northwest Plains (West) (52)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Mungindi Post Office			38.8	+3.4	10	38.0	42.3	41.2	39.3	38.9	38.5		38.4	43.1	42.2	44.0	46.8	46.0	39.8	35.2	38.9	41.9		44.6	37.0	38.2	37.8	39.0	37.2	36.6	33.8	25.4	27.4	36.1	39.0	38.2	
Walgett Airport AWS			38.7			38.9	41.9	40.2	39.7	39.8	39.7	36.9	39.1	36.7	38.8	44.2	47.3	48.5	36.4	34.7	37.1	41.2	44.6	37.4	36.9	38.9	33.8	37.2	36.1	37.1	37.3	33.3	32.6	37.3	37.2	39.4	
Northwest Plains (East) (53)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Moree Aero			35.7			34.8	38.9	36.7	35.8	35.6	36.9	35.2	35.1	40.5	39.7	41.4	42.5	42.7	36.3	32.9	35.0	38.4	41.6	39.6	32.9	35.9	34.8	35.1	33.9	34.6	33.5	24.7	23.0	32.3	34.2	33.0	
Northwest Slopes (North) (54)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Barraba Post Office			35.4	+3.7	H	35.9	37.2	36.3	35.9	36.5	37.8	36.5	35.1	39.5	39.5	39.6	39.3	41.0	35.4	32.6	34.1	37.9	40.0	38.5	30.9	35.2	33.1	36.4	34.5	34.8	35.3	24.6	22.2	31.2	34.6	34.6	
Narrabri Airport AWS			36.8			36.4	40.1	37.7	37.8	37.2	40.3	37.5	36.1	40.7	39.6	40.7	42.9	44.2	34.8	33.5	35.5	39.0	42.1	38.8	34.2	37.5	34.6	37.6	36.7	37.3	35.4	28.9	21.9	33.5	34.9	34.7	
Northwest Slopes (South) (55)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Gunnedah Airport AWS			36.2			36.5	39.7	36.2	36.8	38.0	39.2	36.9	37.1	41.5	39.4	40.0	42.7	42.7	32.1	33.3	36.1	38.6	42.4	33.0	31.5	36.3	33.3	36.7	35.9	36.8	36.7	27.4	21.5	33.5	34.5	34.9	
Tamworth Airport AWS			35.5	+3.1	H	35.7	37.5	34.8	36.3	37.7	38.4	37.4	36.7	40.0	38.7	40.6	42.5	44.7	33.6	32.5	35.1	38.7	40.7	36.6	28.4	35.2	32.0	36.7	33.8	36.4	35.2	26.4	21.7	31.4	34.1	34.5	
Woolbrook (Danglemead Road)			29.7	+2.2	10	30.5	31.6	29.5	31.0	32.0	30.0	30.0	31.5	33.0	34.0	34.5	36.5	35.0	24.2	27.5	30.0	33.5	35.5	32.5	22.0	30.0	29.0	30.0	26.0	28.0	26.0	21.0	20.0	27.0	30.0	30.0	
Northern Tablelands (West) (56)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Armidale Airport AWS			27.6			28.5	31.4	25.9	28.1	29.8	27.5	27.8																									

Daily and mean maximum temperatures for January 2013

Mean is the average of the daily maximum temperature for January 2013; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily maximum temperature for January 2013 and the long-term average maximum temperature for January.

Decile is the decile rank of mean daily maximum temperature for January 2013 in the climate record of other January mean daily maximum temperatures; “L” indicates this is the lowest on record, and “H” it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The **lowest** and **highest** maximum temperatures for each site for January 2013 are highlighted.

South Coast (69)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Batemans Bay (Catalina Country Club)	27.1	+1.4	10	26.4	21.1	24.3	30.5	32.5	25.4	34.4	41.6	23.1	25.5	30.0	24.2	20.3	22.0	23.7	25.0	28.7	45.6	20.6	24.5	27.4	28.8	24.8	26.4	30.5	25.0	27.6	22.0	26.0	23.3	29.2		
Bega AWS	29.9	+2.9	10	32.2	25.0	29.2	38.6	38.2	28.2	37.9	41.3	27.0	25.8	35.8	28.7	18.8	22.2	26.3	30.4	31.6	44.6	25.1	27.5	31.1	28.9	26.2	31.3	34.1	29.1	29.6	23.3	25.7	20.7	32.2		
Braidwood Racecourse AWS	29.3	+2.7	10	32.0	22.4	27.6	35.6	37.7	31.9	35.3	36.9	25.3	27.5	35.8	37.1	20.7	18.9	26.4	29.4	35.3	40.8	16.4	25.5	31.7	34.6	22.2	29.0	33.5	29.3	27.1	22.0	25.2	25.9	29.9		
Moruya Airport AWS	26.2			24.2	21.7	23.5	26.2	28.4	24.4	35.9	41.7	23.3	24.5	27.0	24.2	20.1	22.0	23.3	24.6	25.9	45.9	20.5	24.0	26.0	26.1	24.6	26.0	28.4	24.0	26.8	21.8	26.2	23.3	26.8		
Narooma (Marine Rescue)	24.9	+1.3	9	23.0	21.5	22.4	24.2	24.9	23.6	29.5	40.5	24.4	23.0	24.2	23.7	19.4	21.2	21.2	24.9	24.0	43.8	21.6	21.7	23.2	25.6	24.0	27.0	26.0	24.2	24.4	21.5	26.2	23.0	24.9		
Ulladulla AWS	25.2	+1.2	10	22.7	20.9	22.1	25.0	25.5	24.3	34.1	40.3	22.1	23.3	24.8	24.7	20.9	21.0	22.4	24.6	25.3	44.5	20.4	22.3	24.2	27.1	24.1	25.6	26.1	24.0	24.2	21.6	23.6	22.9	25.4		
Southern Tablelands (Goulburn-Monaro) (70)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Bombala AWS	28.6	+3.4	H	31.6	22.3	30.4	36.4	38.6	30.2	31.5	35.7	19.8	27.3	35.7	28.6	15.3	18.9	26.7	29.7	35.2	39.2	25.7	27.9	32.5	33.0	23.5	28.7	34.4	27.0	25.3	25.1	19.8	20.7	30.5		
Cooma Visitors Centre	30.0	+2.8	10	30.0	27.0	30.8	35.0	37.8	36.5	36.4	34.4	24.4	28.6	34.0	35.0	20.6	21.0	29.0	30.3	35.0	38.0	25.0	29.5	33.1	32.5	25.0	30.0	32.2	30.0	27.9	25.1	20.0	27.0	28.9		
Goulburn Airport AWS	31.1	+3.4	H	33.0	27.8	29.1	34.9	38.6	35.7	36.2	36.4	26.3	28.3	36.4	39.1	28.7	21.5	29.0	33.5	36.7	40.2	19.1	25.9	32.3	35.6	26.3	30.9	34.3	32.6	27.7	22.4	27.6	27.3	31.4		
Taralga Post Office	29.5	+3.5	10	31.0	28.2	26.4	33.0	37.0	33.5	32.7	34.5	26.0	26.0	35.0	38.0	28.0	19.5	28.1	32.5	36.0	38.2	22.4	23.0	29.8	34.0	23.5	28.0	32.5	30.0	24.5	19.8	26.0	27.0	30.5		
Tuggeranong (Isabella Plains) AWS	32.0			32.3	30.9	32.0	37.1	39.7	37.3	36.0	37.4	25.5	29.4	35.3	37.9	27.6	23.1	28.7	33.8	36.6	40.1	26.4	29.9	33.9	35.0	29.0	32.4	33.3	33.1	29.7	25.9	24.9	28.4	30.3		
Southern Tablelands (Snowy Mountains) (71)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Charlotte Pass (Kosciuszko Chalet)				21.0	22.0	24.0				25.0	27.0				23.0																				15.0	
Thredbo AWS	19.3	+3.1	H	17.4	17.8	21.6	23.4	25.8	26.4	23.1	22.5	13.9	19.3	19.8	20.5	10.2	14.8	17.3	19.1	22.0	25.7	19.0	19.6	19.5	20.4	19.3	21.0	17.6	20.6	16.5	18.6	13.9	16.6	15.4		
Southwest Slopes (South) (72)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Albury Airport AWS	34.9			34.5	33.6	36.9	40.7	43.4	42.0	40.4	39.2	25.1	32.2	38.8	28.8	22.3	27.1	31.4	36.1	39.9	43.1	32.2	34.6	36.8	36.5	34.0	37.0	35.2	36.5	32.9	34.7	32.1	29.9	33.9		
Cabramurra SMHEA AWS	23.9			22.5	22.5	26.2	28.1	30.6	30.9	28.4	26.6	16.9	22.3	26.4	23.8	16.3	14.6	20.6	23.8	27.5	31.1	21.3	24.3	25.5	25.6	24.9	25.7	23.1	26.0	21.3	21.9	19.8	20.1	21.8		
Tumbarumba Post Office	32.1	+3.4	10	31.5	31.3	35.0	36.5	40.0	40.0	35.9	36.0	24.7	30.5	35.2	29.2	24.0	25.1	29.2	32.5	36.5	39.0	30.0	31.8	33.4	33.5	32.5	33.5	30.5	33.5	29.0	30.0	28.0	27.5	30.0		
Wagga Wagga AMO	35.3	+3.7	10	35.6	34.1	35.2	39.3	43.5	42.7	40.0	41.3	25.9	32.8	38.2	32.1	31.0	29.0	31.2	36.1	39.4	44.1	31.1	33.7	35.8	37.6	34.6	35.8	36.1	37.1	33.2	31.9	31.5	30.0	33.6		
Southwest Slopes (North) (73)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Wyalong Post Office	36.1	+3.4	10	36.6	35.0	36.0	39.4	42.8	43.4	40.6	41.8	26.9	34.0	40.2	40.0	32.7	30.0	32.8	37.1	41.1	43.6	31.0	34.7	36.1	37.2	35.5	36.6	37.5	37.5	32.0	32.5	30.4	31.0	34.5		
Young Airport	35.0	+3.5	H	34.9	33.9	34.0	37.6	40.4	41.3	38.5	39.9	26.5	32.7	38.3	40.2	33.2	27.4	31.0	35.7	39.1	42.6	32.5	33.5	34.7	37.5	34.9	34.9	36.8	36.2	31.6	27.8	31.5	30.1	34.5		
Riverina (East) (74)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Deniliquin Airport AWS	34.2			35.4	30.7	36.3	41.9	45.9	39.7	43.4	37.8	25.5	31.6	41.1	29.0	20.3	26.6	32.5	36.7	42.0	39.3	30.0	34.5	37.7	33.7	31.9	37.3	34.9	31.8	30.6	32.7	27.5	28.6	32.9		
Riverina (West) (75)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Griffith Airport AWS	35.9	+3.1	9	37.6	33.2	36.4	41.6	44.7	44.3	43.1	42.2	26.3	32.0	41.0	33.9	29.0	28.7	32.4	36.8	42.0	43.4	30.4	35.0	38.5	37.9	33.7	37.6	37.6	35.4	31.2	34.2	29.5	29.5	35.1		
Hay (Miller Street)	36.1	+3.1	10	37.3	33.6	37.4	43.0	47.7	44.0	44.8	40.0	26.6	33.2	41.4	30.2	27.1	27.9	34.7	39.0	43.9	42.2	31.7	35.6	39.8	35.9	33.8	39.0	37.0	33.1	31.4	33.8	29.2	30.1	34.1		
Hay Airport AWS	36.6			38.2	33.6	38.6	43.7	47.9	44.7	45.4	41.1	27.1	33.0	42.6	30.9	28.0	29.2	34.8	39.0	44.4	42.8	32.2	36.1	40.4	36.9	34.1	39.5	37.5	33.3	31.9	34.2	29.1	30.4	35.2		
Offshore Islands (200)			Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Lord Howe Island Aero	26.2	+1.0	9	26.3	27.5	22.8	24.5	24.6	25.4	27.2	26.5	27.4	27.6	27.6	27.8	27.9	23.9	23.8	24.7	25.1	26.6	27.6	28.3	24.8	26.5	27.5	27.1	25.6	26.6	26.0	26.6	27.2	26.7			
Norfolk Island Aero	24.6	+0.1	6	23.9	25.3	26.2	22.4	22.6	23.0	23.9	22.9	24.7	26.0	24.7	24.3	24.8	26.1	24.2	23.6	23.8	24.0	24.7	24.3	24.6	25.2	26.4	25.8	25.2	25.8	25.6	24.7	24.9	25.1	24.9		

Daily and mean minimum temperatures for January 2013

Mean is the average of the daily minimum temperature for January 2013; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily minimum temperature for January 2013 and the long-term average minimum temperature for January. **Decile** is the decile rank of mean daily minimum temperature for January 2013 in the climate record of other January mean daily minimum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The **lowest** and **highest** minimum temperatures for each site for January 2013 are highlighted.

Western (Far Northwest) (46)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Tibooburra Airport				24.0			23.0	24.0	24.8	23.7	26.6	29.2	29.1	26.1	23.5	18.6	20.4	25.6	27.8	20.0	21.1	25.3	29.6	31.5	26.3	25.6	27.6	20.8	24.8	24.0	25.8	24.3	19.9	19.8	18.9	18.6	17.8				
White Cliffs AWS				22.7			21.3	23.7	20.7	23.4	25.2	32.0	26.9	27.5	19.8	18.9	19.6	27.0	24.3	16.1	18.5	24.2	29.0	29.0	23.1	20.2	23.7	22.8	22.7	24.1	26.2	23.0	19.0	19.3	18.5	15.3	17.8				
Wilcannia Aerodrome AWS				20.5			15.5	20.8	19.3	22.4	24.6	28.2	25.2	29.6	18.8	14.1	13.7	25.8	22.1	14.6	18.5	24.3	26.7	29.6	18.8	17.9	20.9	20.9	19.9	22.1	22.3	21.9	18.7	15.3	18.4	11.5	13.1				
Western (Lower Darling) (47)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Broken Hill Airport AWS				18.8	-0.2	5	16.3	16.5	21.3	23.1	23.3	21.7	24.8	31.2	13.7	12.1	18.7	23.1	19.5	11.6	13.1	17.0	27.0	32.2	18.0	14.9	18.1	18.7	16.7	20.2	27.7	14.8	13.3	15.0	13.0	11.5	13.9				
Lake Victoria Storage				16.6	+0.1	6	16.5	14.7	16.0	22.5	21.2	20.0	21.9	22.1	12.5	11.9	17.5	18.7	18.9	11.0				25.1	17.8	14.5	15.7	14.7	16.7	14.7	21.5	13.2	13.0	13.0	13.0	11.1	14.6				
Menindee Post Office				20.5	+2.0	9	17.4	20.2	16.6	23.8	23.4	27.5	25.2	29.8	15.6	14.8	17.6	24.4	21.4	12.2	16.4	20.2	24.8	29.7	22.9	17.5	19.8	21.8	19.2	19.6	26.4	18.6	16.6		16.6	15.6					
Western (Upper Darling) (48)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Bourke Airport AWS				22.9			21.3	17.5	21.7	27.1	28.3	25.1	23.3	21.7	29.0	17.8	15.5	19.3	27.6	21.0	22.2	25.1	26.3	28.9	28.0	22.9	26.6	23.9	23.2	21.3	24.8	24.1	22.8	23.5	20.0	15.6	14.5				
Brewarrina Hospital																				20.9	21.1	25.0	24.4	29.8	26.7	22.5	26.1	21.8													
Cobar Airport AWS				21.7			21.4	16.0	16.0	26.7	29.7	26.2	28.4	27.0	20.0	14.0	15.8	22.4	22.4	16.2	18.9	22.5	27.6	30.0	25.9	19.8	24.8	21.7	22.4	20.9	25.3	24.0	21.5	18.7	20.7	12.9	12.9				
Collarenebri (Albert St)				23.3	+2.8	10	21.4			22.0	23.6	24.2	23.8	23.8	23.3	27.8	16.0	22.6	28.6	31.1	25.0	23.0	23.8	26.2	27.5	24.7	24.9	21.4	21.6	22.3	21.7	23.0	23.1	21.8	18.8	18.6	18.8				
Western (Southwest Plains) (49)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Balranald (RSL)							19.2	22.1	22.3	20.2	20.9	24.1	12.9	13.2	16.2	20.6	19.5	10.0													15.2	16.0	15.5	16.2	23.7		12.0	13.9	13.9	10.0	12.8
Ivanhoe Aerodrome AWS				20.1			18.4	19.2	16.7	23.2	29.3	29.2	23.8	31.3	15.6	12.7	17.8	24.8	22.2	11.4	15.0	22.3	22.3	31.4	18.2	15.5	19.4			18.6	27.4	18.7	15.7	16.6	16.4	12.3	16.9				
Central Western Plains (South) (50)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Coodanbulla Airport AWS				19.9			15.5	18.3	14.5	21.3	27.9	27.6	25.1	28.6	17.7	9.0	17.5	20.9	21.1	13.2	15.1	17.9	20.8	25.9	20.4	18.7	21.4	21.7	20.2	21.3	23.1	26.6	22.5	18.0	20.8	12.8	11.3				
West Wyalong Airport AWS				18.0			13.8	18.1	15.6	19.2	26.6	22.4	21.7	28.4	13.8	10.2	14.8	22.2	22.2	10.9	14.2	15.1	15.9	23.4	18.8	18.3	20.3	19.6	14.7	17.5	21.6	21.9	18.5	19.1	18.6	10.4	11.3				
Central Western Plains (North) (51)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Coonamble Airport AWS				21.0			19.0	18.3	17.1	22.0	24.5	22.7	24.0	22.6	24.8	15.1	20.2	24.7	24.2	19.8	17.6	21.3	21.3	29.2	26.7	21.1	20.9	21.2	16.3	20.4	19.8	22.1	20.3	22.1	17.7	18.2	16.1				
Nyngan Airport				21.3	+1.8	9	21.5	18.7	19.5	23.4	26.5	25.0	25.9	22.5	20.5	16.6	20.6	22.2	24.0	16.6	18.0	22.5	27.0		19.8	21.9	23.8	20.5	20.5	22.0				21.5	16.5	16.0					
Northwest Plains (West) (52)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Mungindi Post Office				23.2	+2.7	10	22.0	20.4	25.0	23.3	22.6	24.0	22.6	21.7	18.2	24.6	29.1	28.8	25.8	22.9	23.0	23.6	26.9		24.1	24.4	24.9	22.1	22.0	21.1	23.5	22.5	21.4	19.5	19.0	23.2					
Walgett Airport AWS				22.8			21.7	19.9	21.7	24.3	25.7	24.6	24.5	21.9	28.5	12.9	19.4	26.3	30.5	22.6	21.0	24.0	24.5	28.2	25.2	23.5	25.1	21.2	21.1	23.2	21.4	23.6	22.4	23.5	18.9	17.7	16.4				
Northwest Plains (East) (53)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Moree Aero				21.8			21.1	19.4	22.6	20.9	21.3	22.3	20.3	19.3	23.9	16.7	24.0	27.3	23.4	22.1	20.8	19.8	22.5	25.2	28.1	22.5	23.5	22.9	20.5	21.1	20.1	22.5	22.1	20.3	20.3	19.6	20.4				
Northwest Slopes (North) (54)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Barraba Post Office				18.7	+2.3	10	18.0	16.8	16.2	16.9	19.0	18.0	15.0	16.6	22.1	13.5	17.8	26.3	25.8	21.4	17.6	16.5	19.2	22.1	26.0	22.0	17.5	17.2	19.5	20.5	16.4	16.1	17.7	14.9		19.6	15.2				
Narrabri Airport AWS				22.1			22.6	20.8	20.3	21.0	23.7	23.6	19.6	22.3	26.5	17.8	22.0	30.3	24.0	21.9	19.1	22.2	21.5	28.5	24.6	22.3	20.0	24.6	20.3	21.9	18.9	22.3	21.7	20.4	20.4	20.8	18.9				
Northwest Slopes (South) (55)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Gunnedah Airport AWS				19.5			17.4	18.8	18.3	17.8	19.9	19.9	18.4	17.1	20.3	18.2	19.9	21.9	21.1	20.3	16.8	18.2	20.4	20.9	25.2	19.0	18.2	21.0	19.8	19.7	19.0	20.7	20.6	19.7	19.7	16.8	20.2				
Tamworth Airport AWS				19.4	+2.1	10	18.3	18.1	20.8	16.1	18.5	18.3	19.4	16.4	24.3	19.9	18.0	23.3	20.4	21.3	17.6	17.3	19.4	22.1	24.4	22.3	18.0	18.0	19.3	17.8	17.6	20.8	20.7	19.6	19.8	16.7	18.4				
Woolbrook (Danglemead Road)				14.9	+2.5	H	11.6	14.8	16.4	14.8	13.4	10.8	14.4	9.0	14.2	16.8	14.0	17.5	14.8	18.0	13.8	15.0	13.2	14.8	19.4	15.4	15.4	15.0	13.0	16.3	15.5	17.0	17.8	17.0	17.2	11.5	15.2				
Northern Tablelands (West) (56)				Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
Armidale Airport AWS				15.1			12.6	14.2	14.4	13.2	13.0	15.3	12.9	10.8	18.9	15.9	14.9	20.2	16.6	18.8	10.9	11.5	15.0	17.																	

Daily and mean minimum temperatures for January 2013

Mean is the average of the daily minimum temperature for January 2013; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily minimum temperature for January 2013 and the long-term average minimum temperature for January.

Decile is the decile rank of mean daily minimum temperature for January 2013 in the climate record of other January mean daily minimum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The **lowest** and **highest** minimum temperatures for each site for January 2013 are highlighted.

South Coast (69)		Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Batemans Bay (Catalina Country Club)		16.3	+0.7	7	15.4	17.8	12.9	12.9	15.9	19.8	18.7	17.0	15.3	15.4	13.7	16.7	18.1	10.2	10.0	12.2	13.7	16.5	18.5	14.0	15.5	16.3	18.8	19.7	18.5	20.6		19.4	17.6	17.8	19.2
Bega AWS		14.7	-0.2	5	10.7	17.4	9.9	13.0	14.7	15.0	15.6	15.2	15.2	9.8	14.2	15.4	16.0	12.3	6.5	11.3	11.1	17.3	18.3	15.5	13.8	16.6	17.9	15.1	15.6	19.7	18.7	17.4	16.6	12.4	16.3
Braidwood Racecourse AWS		12.2	+0.1	6	10.1	11.9	9.4	7.5	12.6	14.8	15.2	17.2	11.9	9.6	7.8	13.0	14.7	7.7	4.1	6.9	9.7	11.7	14.5	12.6	12.0	12.0	14.9	12.9	11.8	16.5	15.9	16.4	15.2	14.1	15.0
Moruya Airport AWS		16.0			14.2	17.5	12.3	11.9	16.5	18.4	19.0	16.3	15.5	14.2	16.4	16.2	17.7	11.2	10.4	12.3	12.7	16.1	18.0	15.5	16.2	17.3	18.6	17.1	15.6	19.7	19.8	18.1	17.6	16.4	16.5
Narooma (Marine Rescue)		17.0	+0.5	7	15.3	17.2	14.2	15.5	18.7	18.2	18.7	18.0	14.2	16.8	18.6	19.1	17.4	13.3	12.5	14.8	14.9	18.8	17.8	15.8	18.4	17.8	18.2	17.3	19.1	19.7	19.2	17.3	16.5	16.0	18.0
Ulladulla AWS		18.1	+0.9	9	18.4	18.2	15.8	14.9	19.2	20.4	19.5	21.1	15.1	17.1	18.3	19.8	18.5	13.9	13.7	15.2	17.3	19.4	17.7	17.1	19.1	20.1	19.1	18.9	18.6	19.3	20.7	19.9	18.9	17.8	18.3
Southern Tablelands (Goulburn-Monaro) (70)		Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Bombala AWS		10.2	-0.5	4	7.0	9.2	6.5	10.1	18.0	11.6	9.6	18.8	7.0	3.9	8.1	9.8	10.8	6.7	2.5	7.0	7.6	15.0	11.3	9.3	9.7	12.1	8.0	12.3	14.1	14.1	14.1	13.3	11.6	9.9	7.6
Cooma Visitors Centre		10.9	+0.2	6	7.0	14.0	6.1	9.3	10.5	12.5	13.2	19.0	9.0	5.3	10.0	8.8	14.4	5.9	3.4	7.4	8.0	12.5	13.0	12.8	11.0	12.5				16.5	14.3	15.1	12.9	11.5	9.0
Goulburn Airport AWS		12.8	+0.2	6	7.3	8.4	11.8	7.3	11.1	13.6	17.0	16.4	16.2	7.8	10.9	12.5	15.8	8.5	5.4	7.6	10.7	11.9	16.1	13.2	14.9	11.7	16.0	15.2	12.6	19.0	16.6	18.3	15.9	15.2	13.2
Taralga Post Office		13.7	+1.9	9	11.2	11.0	11.0	9.4	12.0	16.0	16.0	18.0	15.5	11.5	12.5	18.5	16.0	9.2	8.5	9.5	11.0	15.2	15.7	12.6	13.5	12.8	14.0	13.5	15.2	19.2	16.5	17.2	14.8	13.0	14.0
Tuggeranong (Isabella Plains) AWS		14.8			8.6	11.7	13.2	12.1	14.7	16.0	17.6	20.4	14.3	12.7	13.5	13.6	18.7	10.4	7.9	10.9	11.7	14.4	17.2	15.4	17.4	16.6	17.1	16.4	14.3	20.3	17.0	18.3	16.7	15.2	15.5
Southern Tablelands (Snowy Mountains) (71)		Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Charlotte Pass (Kosciuszko Chalet)					6.0	7.0	12.0					12.0	15.0																						
Thredbo AWS		8.4	+1.8	8	9.7	8.9	6.7	10.7	17.1	13.7	12.1	15.5	0.6	2.0	9.7	13.9	9.7	-2.2	0.7	5.6	7.9	16.3	8.0	6.5	8.3	11.7	3.8	6.2	11.1	9.7	8.2	8.0	7.8	7.8	5.4
Southwest Slopes (South) (72)		Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Albury Airport AWS		16.4			12.1	13.8	15.8	18.6	19.8	20.9	21.9	21.9	13.3	11.2	14.5	17.0	18.1	8.9	11.2	13.6	15.5	18.9	18.1	16.4	19.2	16.6	15.7	15.9	21.2	21.6	15.3	18.4	20.4	9.9	11.5
Cabramurra SMHEA AWS		12.9			12.9	12.1	12.0	17.7	20.8	20.0	17.3	19.0	5.5	7.0	12.3	16.0	13.9	2.0	4.7	12.1	14.4	19.6	11.9	10.0	14.3	15.3	11.1	10.2	15.9	14.3	13.1	13.0	12.5	9.0	10.5
Tumbarumba Post Office		13.6	+1.6	8	10.0	10.0	10.4	13.0	19.0	17.0	17.5	24.5	10.0	6.2	12.0	17.0	18.0	8.5	6.5	10.0	11.4	20.0	17.0	12.5	14.5	17.0	9.0	11.8	15.0	18.5	15.5	15.0	17.0	7.5	9.0
Wagga Wagga AMO		17.8	+1.6	8	11.7	16.5	15.9	18.7	24.9	25.2	20.6	26.0	12.7	10.6	17.1	18.9	19.2	8.9	14.6	13.0	16.4	24.4	18.7	18.5	21.3	17.9	12.8	19.6	21.9	24.9	19.0	17.3	19.6	10.7	12.9
Southwest Slopes (North) (73)		Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Wyalong Post Office		19.1	+1.6	8	17.0	19.5	15.6	20.1	26.2	24.5	22.0	26.6	14.0	11.8	17.0	24.4	22.1	11.3	14.1	17.3	17.6	24.7	19.7	20.2	21.0	20.1	16.7	18.4	22.1	23.8	18.8	19.5	19.6	12.7	13.5
Young Airport		14.9	+0.3	6	8.8	9.9	14.3	15.7	16.4	23.0	19.0	20.3	13.5	5.9	12.8	13.3	20.8	7.9	12.1	10.1	15.0	16.6	18.8	17.4	16.9	15.1	13.3	17.2	15.2	22.2	19.3	18.2	18.3	7.1	7.6
Riverina (East) (74)		Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Deniliquin Airport AWS		16.1			13.1	13.9	14.9	22.9	27.0	18.9	19.7	24.1	12.6	10.8	16.0	18.9	17.3	10.3	12.0	15.3	17.1	26.4	15.7	10.5	16.3	15.1	16.4	14.0	23.3	14.1	12.3	11.8	15.8	9.3	12.6
Riverina (West) (75)		Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Griffith Airport AWS		18.4	+1.4	7	12.6	17.5	16.1	23.0	29.3	26.2	26.8	30.0	13.8	11.5	15.0	21.0	21.1	11.2	14.7	18.1	19.3	26.5	17.8	15.4	20.7	17.0	13.7	17.8	25.6	18.0	14.4	15.5	16.9	9.7	13.6
Hay (Miller Street)		17.7	+1.1	7	15.0	15.6	16.0	22.9	29.7	21.9	21.7	31.0	13.6	11.0	17.5	21.8	20.0	9.4	12.8	15.6	20.7	28.1	16.1	11.9	18.2	16.6	17.2	15.4	26.2	15.8	14.0	14.2	16.0	10.5	12.8
Hay Airport AWS		17.2			12.9	15.2	15.5	22.8	29.9	21.7	21.3	30.1	13.4	9.9	15.7	21.3	20.0	8.9	12.7	14.6	19.2	28.3	16.2	11.7	16.5	15.7	16.0	14.4	26.6	15.6	13.8	14.1	16.0	9.5	12.3
Offshore Islands (200)		Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Lord Howe Island Aero		21.4	+0.8	8	20.6	23.2	19.8	19.6	20.8	20.5	19.0	17.9	23.0	23.5	23.3	23.2	23.6	23.8	19.6	18.2	14.0	17.1	22.9	23.8	21.9	22.0	21.5	23.4	23.5	23.1	22.7	23.1	22.1	23.0	20.7
Norfolk Island Aero		19.2	+0.1	5	20.2	20.6	21.2	20.2	18.5	18.3	19.6	17.4	18.1	20.0	19.8	18.0	17.6	18.5	19.8	18.5	17.3	16.8	18.4	18.2	18.4	20.1	20.2	20.9	21.5	20.2	20.4	18.8	19.6	19.0	20.6

Daily and total rainfall for January 2013

Total is the total precipitation for January 2013; a missing total indicates there is concern about the quality of some of the daily values. **Avg** is the long-term average total precipitation for January. **Decile** is the decile rank of total precipitation for January 2013 in the climate record of other January totals; "L" indicates this is the lowest on record, and "H" it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as "-". When a reading was accumulated over more than one day, "»" is shown on the days that are part of the accumulation.

Western (Far Northwest) (46)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tibooburra Airport				1.8			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-	-	-
White Cliffs AWS				6.6			-	-	-	-	-	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-	-	-	-	-	-	
Wilcannia (Reid St)				18.8	26	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-	17.0	-	-	-	-	-	-	-	-	-	
Wilcannia Aerodrome AWS				13.4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	0.4	9.8	-	-	-	-	-	-	-	-	-	
Western (Lower Darling) (47)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Broken Hill Airport AWS				1.2	29	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	-	-	-	
Lake Victoria Storage				0.8	20	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Menindee Post Office				-	24	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pooncarie Mail Agency				-	23	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Wentworth Post Office				0.8	21	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Western (Upper Darling) (48)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Bourke Airport AWS				12.0			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	1.6	-	-	-	-	10.0	0.2	-	-	
Brewarrina Hospital				31.4	51	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1.6	28.2	»	0.2	-	-	-	-	-		
Cobar MO				0.6	47	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-		
Collarenebri (Albert St)				29.0	68	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	11.6	-	-	-	-	12.0	3.2	1.6		
Lightning Ridge Visitors Information Cen				14.7			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	-	5.4	-	-	-	-	-	1.0	0.5	-	-	
Louth (Bloxxham Street)				6.4	37	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	1.6	2.0	-	-	-	-	-	-		
Wanaaring Post Office				4.8	35	4	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	1.8	-	-	-	-	-		
Western (Southwest Plains) (49)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Balranald (RSL)				1.4	22	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ivanhoe Aerodrome AWS				1.0			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	0.2	-	-	-	-	-	-	-	-		
Central Western Plains (South) (50)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Condobolin Airport AWS				5.6			-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	1.2	1.8	-	-	-	-	-	-	2.2	-	-	
Peak Hill Post Office				9.6	58	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	2.8	-	-	-	-	-	-	3.0	2.4	1.0	
Tullamore (Old Post Office)				3.6	50	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	1.8	-	
West Wyalong Airport AWS				9.2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	-	0.2	-	4.8	-	-		
Central Western Plains (North) (51)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Coonamble Airport AWS				7.2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	0.2	1.6	1.0	-	-	3.4	-	0.8	-	
Nyngan Airport				5.8	51	1	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	2.6	3.0	-	-	-	-	-		
Quambone Station				30.0	51	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	7.0	-	-	-	21.0	-	-	-		
Trangie Research Station AWS				10.4	54	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	2.6	-	-	-	-	1.2	1.8	-		
Northwest Plains (West) (52)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Burren Junction (Hastings Street)				31.4	70	4	-	-	-	-	-	-	9.8	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	4.2	-	-	-	-	-	2.0	4.2	7.0	
Gwabegar Post Office				38.0	73	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	-	11.0	4.0	-	-	3.0	-	15.0	-	
Mungindi Post Office				37.2	71	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	3.2	0.4	-	-	19.8	7.2	6.2		
Walgett Airport AWS				8.2	60	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	0.2	-	6.8	-	-	-	0.6	-	-		
Northwest Plains (East) (53)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Baradine Post Office				55.4	72	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	-	15.8	10.8	-	-	-	-	-	21.0	
Bellata Post Office				228.4	86	10	-	-	-	-	-	-	-	-	-	-	-	-	-	»	»	21.2	-	-	-	-	-	-	28.0	-	-	6.8	»	»	»	172.4	
Garah Post Office				134.2	76	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	1.0	-	»	»	»	130.2	
Moree Aero				178.4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.2	4.6	-	-	-	-	-	0.4	18.4	5.2	3.2	-	5.0	76.8	54.6		
Narrabri West Post Office				154.0	84	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0	-	-	4.0	-	-	-	5.0	56.2	74.0		
Northwest Slopes (North) (54)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Barraba Post Office				124.9	88	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.4	-	-	-	-	-	-	-	11.4	-	-	4.5	40.2	57.4	-	
Bingara Post Office				157.1	93	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	-	-	5.8	-	0.5	3.0	0.9	0.7	-	-	»	140.6	
Gravesend Post Office				190.6	84	10	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	5.6	-	-	-	-	1.0	-	-	-	-	5.8	-	73.6	-	103.6		
Narrabri Airport AWS				142.4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	-	-	-	-	1.2	-	-	0.2	-	0.2	-	4.8	49.4	77.2	0.2	
Pindari Dam				175.7	94	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	9.9	-	-	-	-	64.2	5.5	1.0	1.0	5.5	-	-	71.2	11.3	0.9	
Northwest Slopes (South) (55)				Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22</									

Daily and total rainfall for January 2013

Total is the total precipitation for January 2013; a missing total indicates there is concern about the quality of some of the daily values. **Avg** is the long-term average total precipitation for January. **Decile** is the decile rank of total precipitation for January 2013 in the climate record of other January totals; "L" indicates this is the lowest on record, and "H" it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as "-". When a reading was accumulated over more than one day, "»" is shown on the days that are part of the accumulation.

Hunter (61)	Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cessnock Airport AWS	156.0	73	10	-	-	-	-	-	-	-	-	-	-	-	-	4.4	4.0	0.4	-	-	-	2.0	4.4	4.0	-	3.4	-	-	-	15.6	37.4	80.4	-	-	
Cooranbong (Lake Macquarie AWS)	235.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.0	0.2	-	-	-	3.0	13.4	9.0	-	2.4	0.2	-	-	22.6	37.6	133.8	0.8	0.4	
Dungog - Main Creek (Yeranda)	189.4	138	8	-	-	-	1.4	-	-	-	-	-	-	-	-	2.8	-	1.2	24.8	3.8	-	-	4.0	11.6	6.0	-	6.0	10.2	1.8	-	7.0	28.0	79.0	1.8	-
Gosford (Narara Research Station) AWS	312.0	135	10	-	-	-	-	-	-	-	-	0.4	-	-	-	-	15.4	-	-	-	-	0.4	7.2	2.6	-	0.6	-	-	-	-	31.8	51.2	197.2	5.2	-
Maitland Visitors Centre	140.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	3.6	0.2	-	-	-	1.2	8.8	5.6	-	3.8	-	0.6	-	5.0	41.2	67.1	0.5	-	
Mangrove Mountain AWS	231.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.4	0.2	-	-	-	2.8	7.8	4.2	0.2	1.8	-	-	-	-	32.2	169.4	1.6	-	
Merriwa (Roscommon)	115.0	79	8	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	2.4	1.6	-	-	13.6	-	-	-	17.4	8.4	70.4	-	-	
Murrumbidgee Gap AWS	163.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	11.6	-	-	-	-	5.0	7.6	3.2	0.2	1.0	-	1.4	-	14.6	29.4	89.2	-	-	
Murrumbidgee Post Office	172.4	91	9	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0	-	-	-	-	6.2	7.6	5.6	-	1.0	8.8	-	-	11.6	33.2	88.4	-	-	
Nelson Bay (Nelson Head)	199.1	100	10	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	0.1	-	-	-	0.8	6.9	11.8	0.2	-	0.1	-	2.4	25.6	61.5	80.0	0.2	0.2	
Newcastle Nobbys Signal Station AWS	136.6	88	9	-	-	-	-	-	-	-	-	-	-	-	-	0.6	7.8	-	-	-	-	3.4	5.8	13.0	0.2	0.6	1.0	1.0	-	4.4	35.8	63.0	-	-	
Newcastle University	150.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	1.4	-	-	-	3.4	6.4	13.2	-	2.0	0.8	0.6	-	8.6	38.6	68.8	-	-	
Norah Head AWS	178.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	1.0	-	-	-	3.4	6.4	3.6	-	1.0	-	-	-	30.6	30.6	83.4	6.4	0.6	
Scone Airport AWS	150.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8	-	-	-	-	4.2	6.8	1.6	-	3.0	-	-	-	9.2	26.4	84.2	0.2	-	
Singleton STP	142.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	4.8	-	-	-	-	-	-	10.0	-	8.8	-	-	18.4	19.2	77.6	-	-	
Upper Chichester (Simmonds)	153.6	131	8	-	-	-	0.6	-	-	-	-	-	-	-	-	0.6	21.2	5.0	-	-	-	4.0	12.4	4.0	-	18.4	3.0	1.0	-	4.0	29.4	49.4	0.6	-	
Williamtown RAAF	203.4	98	9	-	-	-	-	-	-	-	-	-	-	-	-	»	»	7.4	5.0	-	-	»	12.8	-	»	11.2	1.4	2.2	-	»	»	57.8	104.2	1.4	-
Central Tablelands (North) (62)	Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cassilis Post Office	130.0	70	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.0	-	-	-	-	»	92.0	-	-
Gulgong Post Office	101.4	71	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	7.0	-	-	16.8	-	-	-	39.2	0.8	37.4	-	-	
Mudgee Airport AWS	87.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	10.6	-	-	12.2	-	-	-	31.6	-	31.2	-	-	
Nullo Mountain AWS	226.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-	-	0.6	12.8	1.0	-	30.6	-	-	-	24.6	4.0	147.6	-	-	
Central Tablelands (South) (63)	Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bathurst Airport AWS	59.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-	-	-	0.8	-	0.2	8.4	1.8	-	-	31.0	-	16.2	-	-	
Blackheath (Lawrence St)	175.6	136	8	-	-	3.6	-	-	-	-	-	-	-	1.4	-	»	13.0	-	3.2	-	-	-	-	-	-	-	-	-	-	-	»	142.8	1.6	1.6	
Blayney (Orange Road)	88.6	72	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	2.0	1.0	-	-	-	-	-	-	79.6	-	4.6	-	-	
Hill End Post Office	96.1	72	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-	2.1	20.4	11.0	-	-	39.6	-	14.8	-	-	
Katoomba (Murri St)	-	-	-	-	2.4	-	-	-	-	-	-	0.6	-	-	-	-	12.6	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	»	7.0	
Lithgow (Coerwull)	113.2	84	8	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	0.2	-	-	3.2	1.8	-	-	-	10.4	0.2	-	-	42.0	2.0	47.2	0.2	-	
Oberon (Springbank)	50.3	81	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-	0.2	0.4	-	-	0.3	-	-	-	26.0	1.6	19.6	-	0.2	
Orange Airport AWS	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	1.2	-	-	-	-	-	0.4	0.4	-	-	1.0	-	-	-	1.6	-	-	-	
Rockley Post Office	83.6	73	7	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	0.8	-	-	-	-	5.0	-	-	58.4	-	17.8	-	-	
Springwood (Valley Heights)	198.4	126	9	-	-	1.2	-	-	-	-	-	-	-	-	-	-	12.4	-	-	-	-	0.4	1.0	0.4	-	7.4	-	-	-	32.2	4.4	136.0	3.0	-	
Central Western Slopes (North) (64)	Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Coonabarabran (Namoi Street)	87.2	91	6	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	-	1.0	3.6	-	-	15.0	-	-	-	9.0	6.0	51.2	-	-	
Coonabarabran Airport AWS	99.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	-	-	2.2	3.6	-	-	17.0	-	-	-	7.6	5.0	63.2	-	-	
Dunedoo Post Office	75.5	70	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6	-	»	1.8	-	10.5	-	-	28.0	1.2	30.4	-	-	
Central Western Slopes (South) (65)	Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Cowra Airport AWS	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	0.4	-	-	-	-	-	-	-	-	6.4	-	-	
Dubbo Airport AWS	63.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	3.6	-	-	-	-	-	-	54.6	-	2.2	0.2	-	
Eugowra Post Office	12.6	57	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	»	»	5.0	-	-	-	-	-	»	»	7.6	-	-	
Forbes Airport AWS	27.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	-	-	-	-	-	-	26.6	-	0.2	-	-	
Molong (Hill St)	86.0	68	7	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	1.6	-	-	0.6	-	-	-	82.2	-	1.4	-	-	
Parkes Airport AWS	19.4	62	2	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	1.8	1.2	-	-	-	-	-	-	12.0	1.6	2.6	-	-	
Wellington (Agrowplow)	84.2	59	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.8	-	0.6	-	-									

Daily and total rainfall for January 2013

Total is the total precipitation for January 2013; a missing total indicates there is concern about the quality of some of the daily values. **Avg** is the long-term average total precipitation for January. **Decile** is the decile rank of total precipitation for January 2013 in the climate record of other January totals; “L” indicates this is the lowest on record, and “H” it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as “.”. When a reading was accumulated over more than one day, “»” is shown on the days that are part of the accumulation.

Southern Tablelands (Goulburn-Monaro) (70)		Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Ainslie Tyson St	72.0	58	7	.	.	.	.	.	.	8.4	.	0.2	.	.	.	.	.	4.0	.	.	.	.	.	.	.	.	.	.	.	.	48.6	0.2	10.6	.	.	
Aranda (Bindaga St)	67.0	59	7	.	.	.	.	.	.	3.6	.	.	.	.	.	.	.	.	4.2	.	.	.	.	.	.	.	.	.	.	.	3.0	45.2	0.6	10.4	.	.
Bombala AWS	69.0			.	0.2	2.2	.	.	.	2.4	9.8	2.8	0.2	11.6	1.4	34.4	4.0	.
Captains Flat (Foxlow St)	95.4	69	8	9.0	6.6	0.2	21.4	2.0	56.0	0.2	.
Cooma Visitors Centre	104.7	57	9	2.2	6.2	1.4	68.2	2.8	23.0	0.9	.
Goulburn Airport AWS	98.8			1.0	7.4	51.8	.	38.4	0.2	.
Gunning Rural Supplies	78.5	57	8	4.0	»	36.5	38.0	.	.
Melba (Verbrugghen Street)	72.2	63	7	2.6	4.0	55.6	.	10.0	.	.
Mount Ginini AWS	43.6			.	.	.	.	.	.	.	0.6	.	.	.	.	.	.	5.2	0.2	.	.	.	.	0.4	0.2	.	0.2	0.2	.	.	.	18.4	4.6	13.2	0.4	.
Queanbeyan Bowling Club	103.2	56	9	3.4	8.0	5.0	72.0	.	14.8	.	.
Taralga Post Office	72.1	73	6	.	.	0.2	.	.	.	.	.	.	.	.	.	.	.	3.0	0.2	.	.	.	.	0.3	.	.	.	.	.	.	.	39.4	.	28.5	0.5	.
Tharwa General Store	87.8	63	8	9.0	0.4	8.0	55.0	0.6	13.4	1.4	.
Tuggeranong (Isabella Plains) AWS	88.0			.	.	.	.	.	.	1.4	0.8	.	.	0.4	.	.	.	5.4	.	.	.	.	.	.	.	.	.	.	.	.	.	65.2	0.8	14.0	.	.
Southern Tablelands (Snowy Mountains) (71)		Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Adaminaby Alpine Tourist Park	52.8	58	6	.	.	.	.	.	.	.	1.2	.	0.4	.	.	.	.	7.6	.	.	.	.	0.4	.	0.4	.	.	.	.	.	37.8	1.2	3.4	0.4	.	.
Charlotte Pass (Kosciusko Chalet)	71.5	126	3	»	7.5	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	»	64.0	.
Dalgety (Hamilton St)	120.8	60	9	5.0	0.4	3.2	.	.	.	0.4	46.4	1.2	64.2	.	.
Thredbo Village	52.8	104	2	2.2	0.4	15.5	1.8	0.1	10.7	2.1	20.0	.	.
Southwest Slopes (South) (72)		Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Albury Airport AWS	16.8			.	.	.	.	.	.	12.6	.	.	.	.	.	.	.	3.2	.	.	.	.	0.8	.	.	0.2	.	.	.	.	.	.	.	.	.	.
Batlow Post Office	6.2	73	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	5.2	.	.	.	.
Cabramurra SMHEA AWS	18.2			.	.	.	.	.	.	.	.	.	0.2	.	.	.	.	6.2	.	.	.	.	3.4	.	.	.	.	.	.	.	4.2	.	1.2	3.0	.	.
Hume Reservoir	14.8	45	3	.	.	.	.	.	.	3.6	.	.	.	.	.	.	.	3.2	.	.	.	.	0.4	.	.	7.6	.	.	.	.	.	.	.	.	.	.
Khancoban AWS	16.4			.	.	.	.	.	.	.	.	.	.	.	.	.	.	5.6	0.2	.	.	.	.	.	.	.	.	.	.	.	.	5.8	0.2	4.4	0.2	.
Tarcutta Post Office	25.6	48	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.4	.	.	.	.	.	.	.	.	.	.	.	.	.	1.2	.	24.0	.	.
Tumbarumba Post Office	15.8	62	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	9.0	.	2.8	.	.
Tumut (Simpson Street)	4.4	58	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.2	.	.	.	.	.	.	.	.	.	.	.	.	.	3.2	.	.	.	.
Wagga Wagga AMO	13.0	40	3	.	.	.	.	.	.	1.8	.	0.4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.6	.	10.2	.	.
Southwest Slopes (North) (73)		Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Burrinjuck Dam	17.3	62	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.6	.	.	.	.	.	.	.	.	.	.	.	.	.	14.2	.	2.5	.	.
Cootamundra Airport	11.2			.	.	.	.	.	.	0.8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10.4	.	.	.	.
Grenfell (Manganese Rd)	14.2	52	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.8	0.4	.	.	.	.	.	.	.	11.0	.	2.0	.	.
Gundagai (William St)	14.6			.	.	.	.	.	.	1.0	.	0.6	.	.	.	.	.	0.2	.	.	.	.	.	.	.	.	.	.	.	.	.	12.6	.	.	0.2	.
Quandialla Post Office	2.2	48	1	.	.	.	.	.	.	2.2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Temora Airport	10.4			.	.	.	.	.	.	8.4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.0	.	.	.	.
Young Airport	7.0			.	.	.	.	.	.	0.8	.	.	.	.	.	.	.	.	.	.	.	.	0.2	.	.	.	.	.	.	.	.	2.8	.	3.2	.	.
Riverina (East) (74)		Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Barellan Post Office	6.4	37	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6.4	.	.	.	.	.	.	.	.	.	.	.
Coleambally Irrigation	1.0	35	L	.	.	.	.	.	.	.	.	.	.	.	.	.	»	»	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Coolamon Post Office	58.6	40	8	.	.	.	.	.	.	9.6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	49.0	.	.
Corowa Airport	3.4	36	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3.4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Deniliquin Airport AWS	4.4			.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Henty Post Office	9.1	41	2	.	.	.	.	.	.	.	.	2.2	.	.	.	.	»	»	1.1	.	.	.	.	»	»	0.8	.	.	.	.	»	»	»	5.0	.	.
Jerilderie (Pooginook)	2.0	30	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Jerilderie Treatment Works	3.8	28	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.8	.	.	.	.	.	.	.	.	.	.	.	.	2.0	.	.	.	.	.
Lockhart Bowling Club	21.8	35	5	.	.	.	.	.	.	6.0	.	.	.	.	.	.	.	0.8	.	.	.	.	.	.	.	15.0	.	.	.	.	.	.	.	.	.	.
Narrandera Airport	12.4	34	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.2	.	.	.	.	.	.	.	12.2	.	.	.	.	.	.	.	.	.	.
Tocumwal Airport	3.6	32	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3.6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Urana Post Office	1.3	32	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Yanco Agricultural Institute	0.2	29	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Riverina (West) (75)		Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Griffith Airport AWS	.	33	L
Hay (Miller Street)	5.6	28	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.2	.	.	.	.	4.4	.	.	.	.	.	.	.	.	.	.	.	.	.
Hay Airport AWS	1.2			.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.0	0.2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Moulamein Post Office	2.4	24	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2.4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Offshore Islands (200)		Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Lord Howe Island Aero	44.4	118	2	.	.	7.4	.	.	.	.	.	.	.	.	.	.	.	0.8	13.4	.	.	.	.	6.0	0.6	10.2	1.0	1.8	.	0.8	0.2	0.8	.	1.4		
Norfolk Island Aero	13.2	86	2	.	.	.	3.8	0.2	.	.	.	.	.	.	.	.	.	.	1.0	0.2	.	.	.	.	.	1.6	1.4	.	.	1.0	0.2	3.6	.	0.2	.	