



Australian Government
Bureau of Meteorology

Monthly Weather Review Australia February 2014



The *Monthly Weather Review - Australia* is produced by the Bureau of Meteorology to provide a concise but informative overview of the temperatures, rainfall and significant weather events in Australia 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. Any major discrepancies will be noted in later issues.

We are keen to ensure that the *Monthly Weather Review* is appropriate to its readers' needs. If you have any comments or suggestions, please contact us:

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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 Australia 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.

Area averages for temperature are calculated using the ACORN-SAT dataset.

Climatological values

The climatological averages shown in the text and tables are generally long-term means based on observations from the years 1961–1990. They are not shown for sites with less than 25 years of record in that time, as they cannot then be calculated reliably. Climatological extremes are generally taken from all available years of record; the number of years can vary markedly from site to site.

Records

The tables of records are not exhaustive, as they only show sites with at least 30 years of record. This may exclude locations where a new site has been established; this means even some major cities and towns may not be listed.

Maps

The temperature and rainfall maps are intended to give an overview of the country. 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. A wide range of maps of rainfall, temperature and other variables, covering the whole country and smaller regions can be found at www.bom.gov.au/climate/maps.

Accessing data

Tables of daily values for selected sites are included toward the back of the *Monthly Weather Review*. Data from many more sites and for other times are available from www.bom.gov.au/climate/data/.

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Cover photograph

A thunderstorm seen from the driveway of Newcastle Waters Station in the Northern Territory.

Photograph by Jessi Grace Wainwright, 24 February 2014. Copyright © 2014, Jessi Grace Wainwright. Used with permission.

Overview

- below-average maxima
- above- average minima
- above average rainfall
- two tropical cyclones: *Edna* and *Fletcher*

February had below-average mean temperature for Australia as a whole. Southeastern Australia and the western coast of Australia were above average, but remaining parts were cooler than average including most of northern Australia, extending down to most of eastern Western Australia, northern South Australia and inland Queensland.

Maxima were above average along the western coast of Australia, and through the southeastern states, extending into southeast Queensland. Below average maxima were experienced in central Northern Territory, inland Queensland and throughout most of eastern and southern Western Australia.

Minima were above average in similar places to maxima, though the anomalies were less intense than those experiencing high maxima.

Rainfall was above average across the country with an average of 104 mm (37% above the long-term average). Regionally, falls were above average across northern Australia, parts of the western and eastern interior, and the central- southern parts of the mainland, along with central Tasmania. Below average rainfall was recorded in most of west Western Australia, southern Victoria, and the southeast coast of Queensland, extending into the northern New South Wales coast. Northern Tasmania was also below average. The remaining parts of Australia were close to average.

Victoria was 31% below average, Tasmania was 20% below average, and New South Wales was 2% below average. In contrast, over three-quarters of South Australia was above average, just over half of Queensland was above average, 45% of the Northern Territory above average, and nearly one-fifth of Western Australia was above average.

February had two tropical cyclones: the short-lived *Edna* and *Fletcher*. A report on tropical cyclone *Fletcher* is available from the Bureau's website.

Areal averages in February 2014

	Rainfall anomaly	Mean maximum temperature anomaly	Mean minimum temperature anomaly	Mean temperature anomaly
Australia	+42%	-0.47 °C	+0.12 °C	-0.17 °C
Western Australia	+25%	-0.56 °C	-0.38 °C	-0.47 °C
Northern Territory	+60%	-2.35 °C	-0.76 °C	-1.55 °C
South Australia	+79%	+0.49 °C	+0.84 °C	+0.67 °C
Queensland	+51%	-0.76 °C	+0.41 °C	-0.17 °C
New South Wales	-1%	+1.58 °C	+1.39 °C	+1.49 °C
Victoria	-30%	+1.63 °C equal 10th-highest	+0.68 °C	+1.15 °C
Tasmania	-18%	+1.43 °C	+0.73 °C	+1.08 °C

Extremes in February 2014

	Hottest day	Coldest night	Wettest day	Warmest overall	Coollest overall	Wettest overall	Strongest wind gust
Australia	46.6 °C at Keith (Munkora) (SA) on the 2nd	-2.8 °C at Liawenee (TAS) on the 28th	414.0 mm at Russell River (QLD) on the 3rd	33.4 °C at Emu Creek Station (WA)	10.6 °C at Mount Wellington (TAS)	1470.6 mm at Kowanyama Airport (QLD)	156 km/h at Mount Wellington (TAS) on the 9th
Western Australia	45.7 °C at Mardie on the 8th and Emu Creek Station on the 9th	3.8 °C at Bridgetown on the 9th	269.4 mm at Cygnet Bay on the 10th	33.4 °C at Emu Creek Station	18.2 °C at Hopetoun North	597.2 mm at Kununurra Aero	120 km/h at Telfer Aero on the 9th
Northern Territory	41.8 °C at Jervois on the 14th	11.2 °C at Kulgera on the 23rd	262.0 mm at Walker Creek on the 18th	29.6 °C at Ngukurr Airport	26.5 °C at Central Arnhem Plateau	842.7 mm at Walker Creek	94 km/h at Cape Wessel on the 19th
South Australia	46.6 °C at Keith (Munkora) on the 2nd	4.3 °C at Coonawarra on the 27th	115.0 mm at Adelaide (Tea Tree Gully Council) on the 14th	31.2 °C at Moomba Airport	18.4 °C at Robe Comparison	158.4 mm at Mount Pleasant	104 km/h at Sellicks Hill (Mount Terrible Radar) on the 4th
Queensland	44.1 °C at Birdsville Airport on the 13th and 14th	11.3 °C at Warwick on the 8th	414.0 mm at Russell River on the 3rd	31.1 °C at Birdsville Airport	21.6 °C at Applethorpe	1470.6 mm at Kowanyama Airport	89 km/h at Cape Moreton Lighthouse on the 23rd
New South Wales	45.9 °C at Pooncarie Mail Agency on the 1st	-0.4 °C at Thredbo AWS on the 5th	260.8 mm at Dora Creek (Dora St) on the 28th	30.2 °C at Tibooburra Airport	12.6 °C at Thredbo AWS	349.8 mm at Dora Creek (Dora St)	104 km/h at Jervis Bay (Point Perpendicular) on the 3rd
Victoria	45.5 °C at Hopetoun Airport on the 2nd	-0.6 °C at Mount Hotham on the 20th and 21st	68.0 mm at Merrinee on the 15th	25.4 °C at Mildura Airport	13.5 °C at Mount Hotham	99.4 mm at Mount Baw Baw	120 km/h at Wilsons Promontory Lighthouse on the 20th
Tasmania	39.4 °C at Flinders Island Airport on the 9th	-2.8 °C at Liawenee on the 28th	162.6 mm at Mount Read on the 21st	19.3 °C at Launceston (Ti Tree Bend)	10.6 °C at Mount Wellington	262.0 mm at Mount Read	156 km/h at Mount Wellington on the 9th

In this table *Hottest day* is the highest daily maximum temperature, *Coldest night* is the lowest daily minimum temperature, *Wettest day* is the highest daily rainfall total, *Warmest overall* is the highest mean monthly temperature, *Coollest overall* is the lowest mean monthly temperature and *Wettest overall* is the highest total monthly precipitation.

Heat wave in southern Australia continues from January

Very warm conditions which returned to the south of Australia during the last days of January continued into February. Beginning on 26 January, heat emerged around the Western Australia-South Australia border at the top of the Great Australian Bight and stretched from the Nullarbor to southern Victoria on the following day, with unusual warmth also in southern Tasmania. Maximum temperatures were again very high across southern South Australia, Victoria and Tasmania on 28 January (in the 99th percentile for southeast South Australia, western Victoria and southern Tasmania). In southern Tasmania temperatures were around 40 °C combined with strong winds saw a number of fires flare on 28 January, although no major injury or property loss was reported.

Unusual warmth was focussed further north, extending from central northern South Australia through southern New South Wales, on 29 January before becoming more generalised over the southeast mainland on 30 January. From 30 January to 2 February, temperatures more than 10 °C above average were recorded from the Nullarbor through southern South Australia, southern New South Wales and Victoria, and in western Tasmania on 2 February. The heat was restricted to the northeastern half of Victoria and southern New South Wales on 3 February, after which temperatures returned to near-average. After a brief reprieve, heat again built over the southeast from 6 February.

Ex tropical cyclone *Dylan* brings heavy rain to Queensland

Ex-tropical cyclone *Dylan* assisted the monsoon trough to migrate south to the central coast of Queensland, while a strengthening high in the Tasman Sea on the 1st and 2nd shifted the monsoon trough north, through the central coast and into the east coast northern tropics. Totals ranging from 200 to 300 mm recorded in the 24 hours to 9 am on 1 February around the Capricornia Coast, and totals of 200 to 400 mm in the 24 hours to 9 am on the 3rd around the north tropical Queensland coast. Moderate to heavy rainfall was also observed about the Gulf of Carpentaria coast. Kowanyana had six days in a row with rainfall greater than 150 mm, with the highest daily total of 361.2 mm recorded at Kowanyama throughout the 7th (with the daily total recorded to 9 am on the 8th). Kowanyama went on to record 1470.6 mm of rainfall for the month of February,

making it the wettest month at the station since records began in 1913.

Destructive winds in southern South Australia

Strong to gale force southeasterly winds affected southern districts from early afternoon on the 3rd through to late morning on the 4th. Kangaroo Island, southern Yorke Peninsula and the Adelaide region experienced gale force winds, with the eastern suburbs of Adelaide and the adjacent Adelaide Hills being worst affected in terms of damage.

The severe winds brought down hundreds of trees and tree limbs, which fell onto power lines, homes, cars and fences resulting in major disruption to the power network, significant property damage and traffic chaos. About 700 power lines were brought down and 90,000 properties lost power, many for periods in excess of 24 hours, some in excess of 48 hours. The State Emergency Service (SES) responded to over 1100 calls for assistance and the damage and clean-up bill is expected to be several million dollars.

This was a high impact event for eastern Adelaide, due to the large population exposed to the conditions as well as the intensity and duration of the severe winds, which had a significant downslope wind component in addition to the strength of the general southeasterly flow.

Official recordings of severe winds included southeast winds of 60 to 70 km/h at Cape Borda on Kangaroo Island early afternoon and at Minlaton on Yorke Peninsula during the late afternoon of the 3rd. Southeast winds of 60 to 75 km/h were recorded at Sellicks Hill on Fleurieu Peninsula between mid-evening on the 3rd and mid-morning on the 4th.

Squally showers in South Australia

On the 9th a line of squally showers associated with a cold front moved across the South East district on the early morning. One of these showers produced a westerly wind gust of 93 km/h at Cape Jaffa.

High temperatures, then thunderstorms and destructive winds in Tasmania

A cold front associated with an intense low pressure system crossed Tasmania during the afternoon of the 9th, with damaging winds and extensive thunderstorm activity about much of the State. Hot

and windy conditions caused very high to severe fire dangers ahead of the front about the eastern half of the State. There was widespread damage caused by the winds, especially in southern Tasmania where fallen trees, power outages, structure damage and blocked roads were common. A man was killed when a falling tree hit a car on the Channel Highway just north of Margate, and several other vehicle crashes also occurred in the wet and windy conditions. Much of the damage was done in less than an hour as the change moved through. At the peak, at least 70 000 premises were without power, and some remained so until the 10th or even the 11th. The State Emergency Service logged over 110 calls for assistance, especially from Hobart's western shore, Kingston, Huon Valley and Sorell.

The strongest gust reported during the event was 156 km/h at Mount Wellington, with Scotts Peak Dam reaching 154 km/h. Hobart recorded a February record gust to 130 km/h, and several other sites reported gusts in excess of 100 km/h.

Bushfires, especially in Victoria

Lightning started a fire at Montuama on the north coast of Tasmania on the 5th, burning approximately 3400 hectares and destroying three premises before it was contained by the 11th. Nearby residents were forced to evacuate to refuge centres on the 8th.

Significant bushfires in eastern Victoria on the 8th worsened on the 9th. Strong, gusty northerly winds ahead of a southwesterly change saw fire danger in Victoria on the 9th the worst since Black Saturday as a result of extended hot weather, heat waves and lack of summer rain. The most serious fire was in Warrandyte, Gisborne, East Gippsland and Latrobe Valley. Houses lost across Victoria include: seven in Kilmore; four in Mickleham; five at Wallan; three in Warrandyte; three in Martins Creek; two in Goongerah; two in Wunghu; two in Glenaladale; and one each in Beveridge, Yarram and Walpa. Three properties were destroyed on the 9th and ignited a fire in a disused part of the open cut coal mine at Hazlewood. The mine fire caused extremely poor air quality for nearby parts of Morwell, and a smaller mine fire also started in a disused part of the Yallourn Mine. A grass fire in Warrandyte, northeast of Melbourne destroyed at least four houses, while a large fire was burning north of Melbourne, near to Riddles Creek. There was also a fire at Numurkah, near Shepparton, with 8 000 hectares burnt and two houses lost. Other fires on 9 February include: east of Bendigo at Maiden Gully, a fire in the Strzelecki State

Forest, south of Morwell; and a fire at Rokeby, north of Warragul.

The Mickleham-Kilmore-Wallan fire near Craigieburn, north of Melbourne started in grassland and burnt through bush as moving north. On the 11th the fire had burnt as far as Darraweit Guim, west of Wallan, and the area affected reached 23 600 hectares by the 13th. Numerous houses were damaged with at least 17 completely destroyed. There were two areas of fires in East Gippsland, near the Snowy River (near to the township of Goongerah) and a cluster of fires around Buchan, and on in the Latrobe Valley. The Goongerah-Deddick fire, started by lightning around 28 January had burnt 80 000 hectares (mainly in the Errinundra National Park, near the New South Wales border) by the 11th.

Also by the 11th, in the Snowy Mountains, the Buchanan-Jacksons Crossing fire had burnt 30 000 hectares. A combined estimated of 180 000 hectares had burnt by the 14th in East Gippsland total, destroying 11 houses, eight sheds and five vehicles as well as a large number of livestock. Two fires in the Latrobe Valley merged near Morwell to burn a combined 7 800 hectares; the Driffield fire which started on the night of 7 February and the Hernes Oak fire, on the outskirts of Moe.

By 26 February, more than 210 000 hectares of East Gippsland had burned, about 130 000 of which burned in the Snowy River Complex. The other two fires — Morwell-Hernes Oak and Mickleham-Kilmore — were much smaller but burned closer to populated areas.

Thunderstorms, heavy rain and flash flooding in South Australia

Moisture associated with a tropical low over eastern Western Australia generated a narrow west to east orientated rain band which affected central districts of South Australia on the 13th. Moderate to heavy rain was focused in a narrow band through Adelaide and the nearby Adelaide Hills. Falls of around 40 mm in 4-5 hours caused local flash flooding of streets and buildings in the City and adjacent suburbs.

Scattered thunderstorms affected the central north of South Australia on the 14th, to the north of the low which produced the heavy rain mentioned above. Several of these thunderstorms produced squally winds and heavy rain. At Oodnadatta, a wind gust to 91 km/h was recorded and at Port Augusta, 28 mm of rain fell in 30 minutes.

Moisture associated with the tropical low over eastern Western Australia continued to affect most of

the South Australia on the 14th. A second low developed over the Nullarbor, deepened early on the 14th, then tracked eastwards across Eyre Peninsula, the Mid North and Riverland during the day. This low brought heavy rain to many areas along its path, leading to flash flooding.

Areas affected by heavy rain and flash flooding included Streaky Bay, where 109 mm was recorded during the early morning, flooding about 30 properties in the town; falls of 80-150 mm in the area north of Cleve during the middle of the day; various recordings of 40-70 mm in about two hours, with falls of 30-50 mm in an hour mid-afternoon in and around the towns of Port Pirie, Snowtown and Clare, causing flash flooding of creeks and cutting roads. Just south of Clare, 50 mm was recorded between 4 and 5 pm.

Heavy rain affected the northern suburbs of Adelaide during the morning hours, with falls of 50-60 mm occurring in 4 to 5 hours between about 3 am and 8 am. At Valley View, Dry Creek burst its banks and in several northwestern suburbs, streets and properties were flooded with the Peterhead area one of the worst affected. There was traffic chaos during the morning peak and SES were in heavy demand.

The heavy rain also fell on the Bangor fire ground in the southern Flinders Ranges. The heavy rain extinguished the fire which had been burning for the previous month and caused significant erosion and damage to roads in the area, including the Port Germein Gorge Road.

A brief but intense thunderstorm on the same day caused flash flooding in Geelong when 54 mm of rain was received, most falling in just over half an hour between 5:20 pm and 5:53 pm.

Heavy rain in northwest Queensland

Rain returned to Queensland between the 15th and 20th from thunderstorms producing heavy rain. On the 15th, severe thunderstorms over the northwest and Channel Country of Queensland caused localised flash flooding, while caused localised flash flooding between Longreach and Emerald in central Queensland. A number of locations had set records for February monthly totals well before the end of the month bringing welcome relief in areas which had been suffering prolonged dry conditions.

Thunderstorms and flash flooding in Canberra

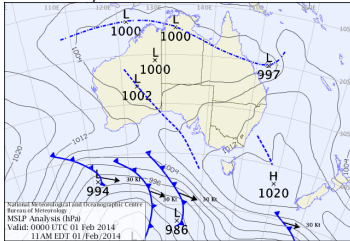
On the 19th, thunderstorms cause flash flooding in Canberra as the average monthly total fell over a three-hour period during the afternoon. The worst storm damage was reported around Tuggeranong but flooding, downed trees, cut power lines and several injuries were reported across many suburbs, with 528 calls to the State Emergency Service (SES) placed as a result of the storm.

Flash flooding on the NSW Central Coast

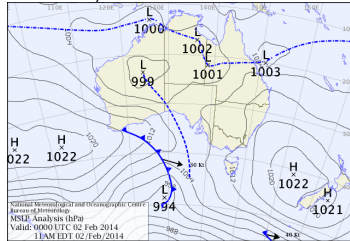
On the 28th, a trough produced locally heavy rain and flash flooding on the Central Coast of New South Wales. Daily totals were as high as 260.8 mm at Dora Creek and 233 mm at Cooranbong, the wettest day at Cooranbong for any month.

Synoptic analyses and summary

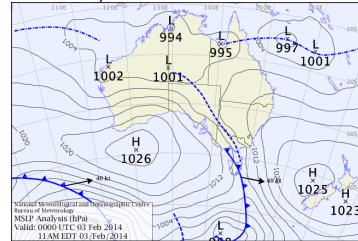
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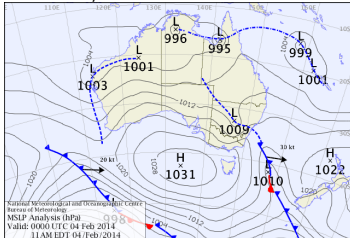
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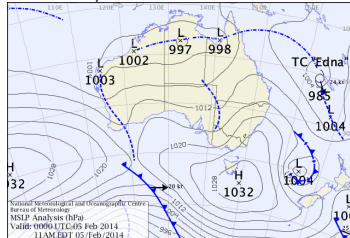
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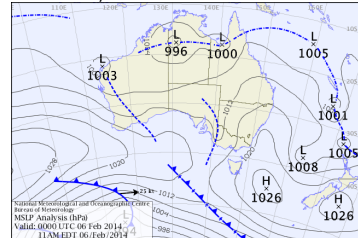
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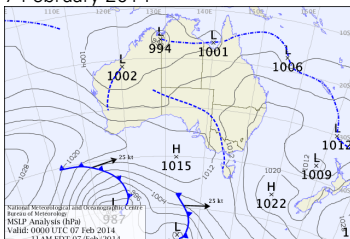
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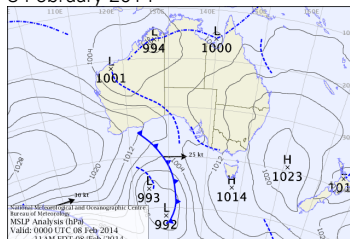
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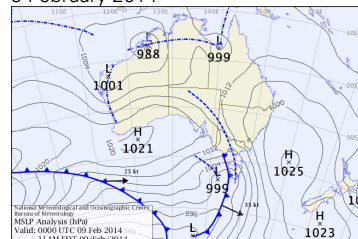
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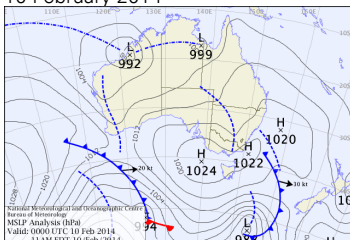
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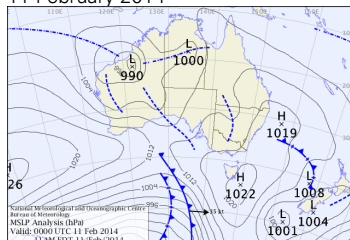
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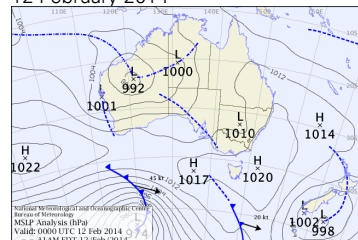
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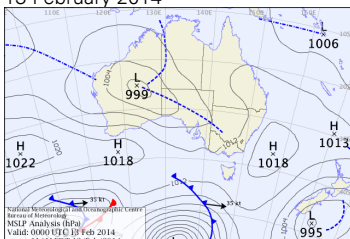
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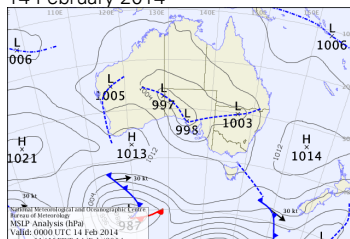
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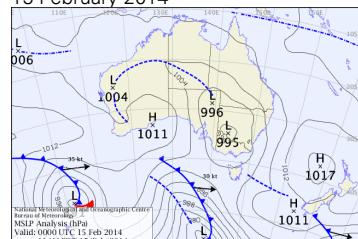
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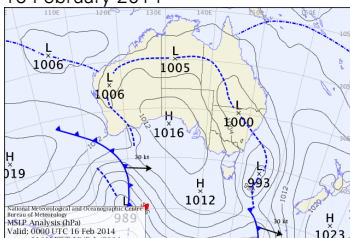
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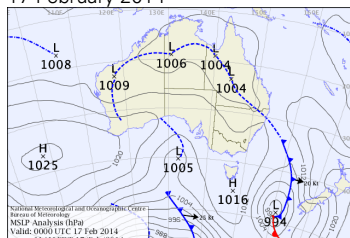
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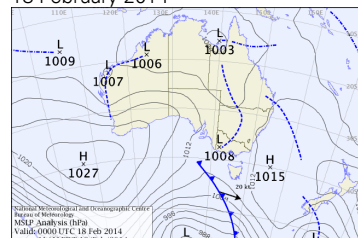
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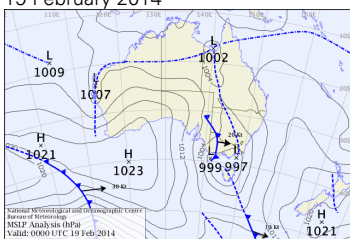
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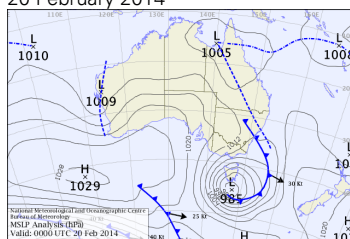
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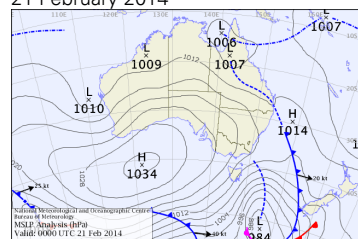
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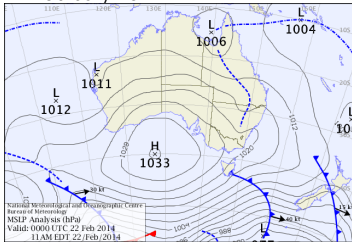
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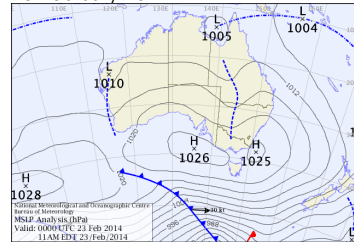
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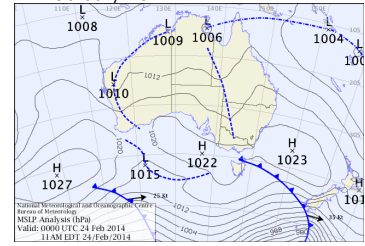
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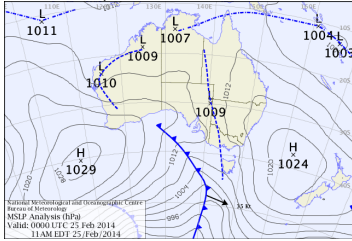
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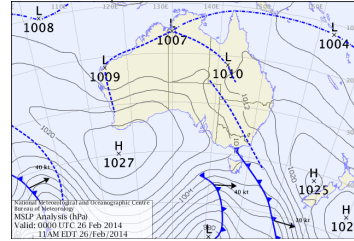
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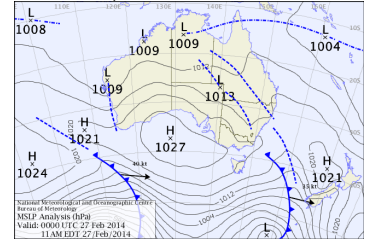
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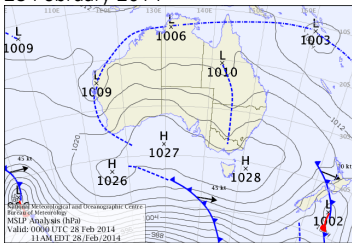
26 February 2014



27 February 2014



28 February 2014



Synoptic summary

An active monsoon trough situated over the Gulf of Carpentaria and through the Coral Sea linked to a series of low pressure systems across the north of Australia in the first week of the month. The formation of a series of surface troughs also swept across the continent. Tropical cyclone *Edna* was named on 1 February, though weakened rapidly, then tropical cyclone *Fletcher* was named on the 3rd. Ex-tropical cyclone *Dylan*, and tropical cyclones *Edna* and *Fletcher* brought heavy rainfall to northern Australia.

During the second week the monsoon trough weakened across the northeast of the country. Low pressure systems and associated surface troughs across western and central Australia along with a series of strong cold fronts continued to form and move eastwards bringing some significant weather to the southern states. Mid-month saw some deep low

pressure systems remaining in the northwest, though the monsoon trough did weaken as a low pressure system in central Western Australia but lingered over South Australia on 14 February.

The eastward tracking low pressure systems were replaced by a series of strong high pressure systems at the start of the third week of February, with these sitting over the Great Australian Bight for a number of days. An intense low pressure system and associated front linked to a surface trough and low in the Gulf of Carpentaria at the end of the third week.

In the last week, high pressure dominated southern parts of Australia, whilst there were numerous surface troughs located over western, central and eastern Australia, and the monsoon trough linking to low pressure systems in the eastern Coral Sea.

Temperatures

Overall, February was cooler than average for Australia with the national anomaly of $-0.17\text{ }^{\circ}\text{C}$. This was the first month since July 2012 where Australia's mean temperature was below average. The Northern Territory, Western Australia and Queensland were all below average, with anomalies of $-1.55\text{ }^{\circ}\text{C}$, $-0.47\text{ }^{\circ}\text{C}$ and $-0.17\text{ }^{\circ}\text{C}$ respectively. The Northern Territory was ranked the thirteenth coolest February on record and was the lowest since 1976. In contrast, New South Wales, Victoria, Tasmania and South Australia were all above average with anomalies of $+1.49\text{ }^{\circ}\text{C}$, $+1.15\text{ }^{\circ}\text{C}$, $+1.08\text{ }^{\circ}\text{C}$ and $+0.67\text{ }^{\circ}\text{C}$ respectively.

Warm anomalies were present over confined parts of the central west coast of Western Australia, as well as northwestern areas of New South Wales where these areas were up to $3\text{ }^{\circ}\text{C}$ above average. A large expanse of the western and central South Australia, most of Victoria along with New South Wales west of the Great Dividing Range, and the northwest of Tasmania were 1 to $2\text{ }^{\circ}\text{C}$ above average.

Cool anomalies of 2 to $3\text{ }^{\circ}\text{C}$ below average were experienced through central Northern Territory extending across into northeast Western Australia. Anomalies of 1 to $2\text{ }^{\circ}\text{C}$ below average surrounded areas of cooler anomalies in the Northern Territory, and throughout most of eastern Western Australia extending down to the southern coast of Western Australia. These anomalies also extended from the Northern Territory across in to northwestern and the central interior of Queensland with most of Northern Australia below average.

February was a warm month for southeast Australia and the west of Western Australia although it was cooler than average for much of the north and the southeast of Western Australia. The national area-averaged maximum temperature anomaly was $-0.45\text{ }^{\circ}\text{C}$. The minimum temperature anomaly was $+0.14\text{ }^{\circ}\text{C}$ and the mean temperature anomaly $-0.16\text{ }^{\circ}\text{C}$.

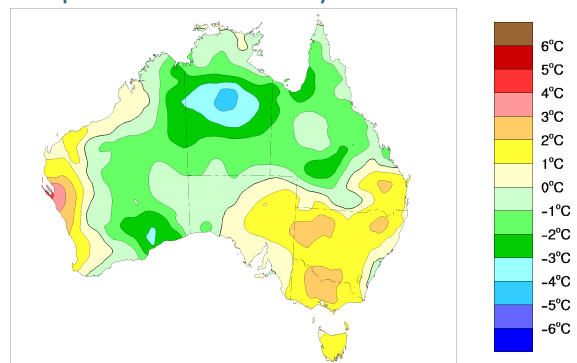
The warmest on average was Emu Creek Station in Western Australia with $33.4\text{ }^{\circ}\text{C}$, and the coolest on average was Mount Wellington in Tasmania with $10.6\text{ }^{\circ}\text{C}$.

Maximum temperatures

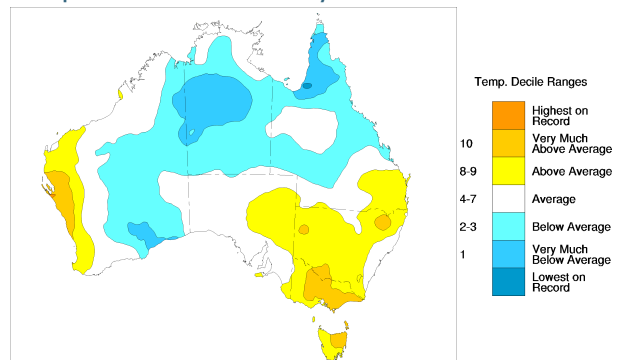
Below average maxima were recorded overall for Australia with an anomaly of $-0.47\text{ }^{\circ}\text{C}$, the first month with a negative anomaly since June 2012. The Northern Territory, Queensland, and Western Australia all recorded below-average average maximum temperatures, with anomalies of $-2.35\text{ }^{\circ}\text{C}$,

$-0.76\text{ }^{\circ}\text{C}$ and $-0.56\text{ }^{\circ}\text{C}$ respectively. Large regions of the Northern Territory extending across the Peninsula and Gulf Country of Queensland and southwest Western Australia recorded maxima in the lowest 10% of records. For the Northern Territory as a whole, February maxima were the 11th-coolest on record, and the lowest since 2007. Above average maxima were recorded in Victoria, New South Wales, Tasmania and South Australia, with anomalies of $+1.63\text{ }^{\circ}\text{C}$, $+1.58\text{ }^{\circ}\text{C}$, $+1.43\text{ }^{\circ}\text{C}$ and $+0.49\text{ }^{\circ}\text{C}$ respectively. Victoria recorded its equal 10th-warmest February on record, New South Wales its 16th-warmest and Tasmania its 11th-warmest.

Anomalies of mean daily maximum temperature in February 2014



Decile rank of mean daily maximum temperature in February 2014



At the beginning of the month, a strong high pressure system located over the Tasman Sea between Tasmania and New Zealand directed north to northeasterly winds from inland Australia, bringing very warm conditions to South Australia, western Victoria, southwest New South Wales as well as western Tasmania, with these areas over $10\text{ }^{\circ}\text{C}$ above average. Temperatures over $42\text{ }^{\circ}\text{C}$ were recorded in a vast area from the Western Australia–South Australia border, stretching across South Australia and extending into the New South Wales and Victoria. The hottest day in February occurred on the 2nd, with Keith (Munkora) soaring to $46.6\text{ }^{\circ}\text{C}$. In contrast areas

across northern Australia, central Queensland and southwest Australia were up to 6 °C below average on the same day.

On the 3rd, hot and dry easterly winds originating from central Australia blew across the central west of Western Australia. A high pressure system located near New Zealand also directed northerly winds through central and western New South Wales on the same day. In contrast maximum temperatures were well below average through the northern tropics and central Northern Territory. On the 4th and 5th, the southwest of Western Australia recorded maximum temperatures over 8 °C above average and New South Wales interior recorded over 6 °C above average. Areas that received rainfall saw maximum temperatures well below average, mainly the northern half of the country.

Heat built again on the 6th, as another strong high pressure system moved through the Great Australian Bight bringing warm and dry air over southern states as well as unusual warmth in Tasmania, with hot conditions easing by 12 February in the south of Western Australia, and by 14 February in South Australia, Victoria and southwest New South Wales. Below-average maximum temperatures were experienced after rain fell across southern Australia with the passage of the low pressure system.

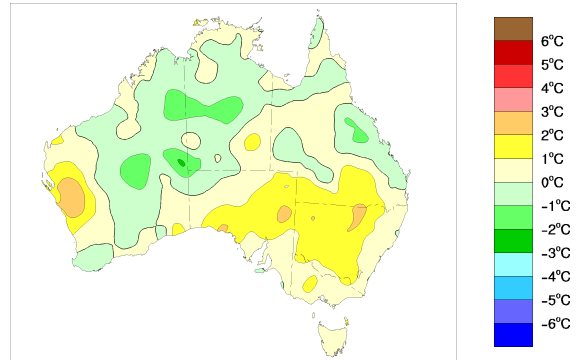
The southwest coast of Australia experienced warmer than average conditions again from 18 to 20 February a persistent ridge of high pressure strengthened to the south of Western Australia. The coolest day was at Mount Baw Baw and Mount Buller, both with 4.9 °C on the 20th. Near the end of the month, warm than average maximum temperatures remained along the west coast of Western Australia.

Minimum temperatures

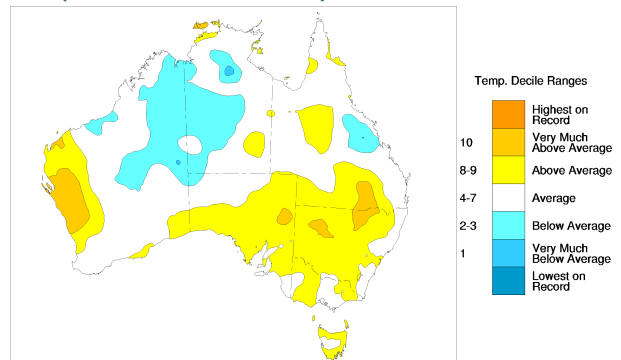
Above average minima were recorded overall for Australia with an anomaly of +0.12 °C, marking the 18th consecutive month with mean minimum temperature above the 1961–1990 average. Minimum temperatures were above average for most of the west coast of Western Australia and across southern and northeastern South Australia, the southeast including Tasmania and southern Queensland as well as a small area in inland western Queensland. Minima were below average for an area of eastern Queensland inland of Mackay and for a large area extending from the centre of the Northern Territory into Western Australia in the eastern Kimberley and south to the area around Giles. New South Wales, South Australia, Tasmania, Victoria and Queensland all recorded above average minimum temperatures, with

anomalies of +1.39 °C, +0.84 °C, +0.73, +0.68 and +0.41 °C respectively. For New South Wales, February minima were the 13th-warmest on record and the highest since 2010.

Anomalies of mean daily minimum temperature in February 2014



Decile rank of mean daily minimum temperature in February 2014



Very warm minimum temperatures were experienced at the beginning of the month across southern Australia, including most of western Victoria, southwest New South Wales extending into southeastern South Australia. In these areas, the first three days of February recorded minima over 6 °C above average. Broad areas of eastern South Australia, western New South Wales, most of Victoria and western Tasmania recorded over 6 °C above average on the 3rd, with most of western Victoria recording minimum temperatures 10 to 12 °C above average. On the 6th, warm overnight temperatures were recorded in southern Western Australia as well as most of the northeast of South Australia, western New South Wales and western Victoria.

By the 9th, very warm minimum temperatures - over 12 °C above average - were again recorded in northern Victoria and eastern South Australia. On the 10th, a strip across central Australia extending from the west to east coast of mainland Australia was above average in contrast to the relatively cool northern tropics and exposed south coast and Tasmania.

Along the east coast and southeastern Australia including Tasmania were below average. Between the 12th and 14th, South Australia again had very warm nights, with most of the state over 6 °C above average. This warm shifted eastwards to the southern interior crossing the Queensland-New South Wales border by the 15th or 16th. The warmest night was at Thargomindah Airport, with 32.7 °C on 15th.

On the 20th, most of Australia except the west coast strip and eastern Queensland and and northeast New South Wales had a well below average morning, with

western New South Wales, northwestern Victoria and eastern South Australia over 6 °C below average. The cool conditions persisted for several days. By the month's end, below average nights were recorded over most of Australia, with only small areas in Western Australia and through the central interior of Queensland and New South Wales close to average. The coldest night was at Liawenee with -2.8 °C on the 28th and Liawenee also had the coolest nights on average with 5.4 °C.

At the beginning of the February, the monsoon trough extended from a low west of Broome in Western Australia across the Top End to ex-tropical cyclone *Dylan*, located over the central interior of Queensland. Localised heavy falls in the Northern Territory and across the eastern Queensland coast were observed on the 1st. Another disturbance, tropical cyclone *Edna*, was named on 1 February and located over the central Coral Sea about 400 km east northeast of Mackay in the Coral Sea. *Edna* moved southeast and weakened into a monsoon low by the 2nd and gradually drifted northwards, away from the central coast of Queensland. *Edna* reintensified under favourable atmospheric conditions on the 4th before moving into the Fiji Meteorological Service area of responsibility.

Another relatively weak system initially forming as a tropical low in the Joseph Bonaparte Gulf on 30 January adopted a general eastwards track while moving across the Top End as a well organised system over the following few days, and produced heavy rain, including 150 - 200 mm in the Adelaide River catchment, causing the river to exceed the major flood level at Adelaide River township on 1 February, with heavy rain also contributing to minor to moderate flooding in the Katherine and Daly Rivers. *Fletcher* remained as a well organised tropical low as it reached the Gulf of Carpentaria and eventually formed into a tropical cyclone approximately 45 km north-northwest of Karumba on the 3rd. This system was short-lived, only lasting at tropical cyclone status briefly, and crossing the southeast Gulf of Carpentaria coast of the Gilbert River Mouth later in the afternoon of the 3rd as a tropical low. Some localised, very heavy daily rainfall totals exceeding 300 mm were recorded along the north tropical coast and Gulf Country. The highest daily rainfall total during February was recorded at Russell River with 414.0 mm on the 3rd.

By the 4th the monsoon trough extended from a low over the Top End, across the Northern Territory to ex-tropical cyclone *Fletcher*, over the southeastern Gulf of Carpentaria and then to tropical cyclone *Edna* over the Coral Sea. *Fletcher* remained slow moving as a tropical low along a very active monsoon trough about the southeast Gulf of Carpentaria, before crossing the coast for the final time on the 9th. The active monsoon trough and associated tropical cyclone activity brought widespread moderate to heavy rainfall to the Top End of the Northern Territory, much of the Queensland and Kimberley region of Western Australia during the first week of February. Kowanyama received a new annual daily extreme of

361.2 mm, recorded to 9 am on the 8th and recorded six days in a row with daily totals exceeding 150 mm. Kowanyama also recorded the highest monthly rainfall total for February with 1470.6 mm.

A surface trough over the southwest of the country on the 6th generated areas of cloud and isolated thunderstorms that extended from southwestern Western Australia towards the Great Australian Bight. An active monsoon trough persisted south of the Top End in the Northern Territory with vigorous west to northwest monsoon flow continuing to its north. The tropical low located over the Victoria River District in the Northern Territory moved slowly west-northwest over the following days, with squally showers and storms with rain areas and some persistent heavy falls in the north, mainly near the monsoon trough and tropical low, with heavy rainfall continuing over the Kimberley region. A number of daily rainfall records were set in the Kimberley including Camballin with 152.8 mm on the 10th, and Kununurra Aero with 163.8 mm on the 8th.

A pre-frontal trough and weak cold front generated light rainfall along the southern coastline and some moderate falls in southwestern Tasmania by the 10th. As ex-tropical cyclone *Fletcher* moved over the interior between the 10th and 12th, it produced 100 - 150 mm of rain in the Roper-McArthur and southeast Victoria River districts on the Northern Territory. This led to significant stream rises and flooding of low lying area, including the McArthur River at Borroloola.

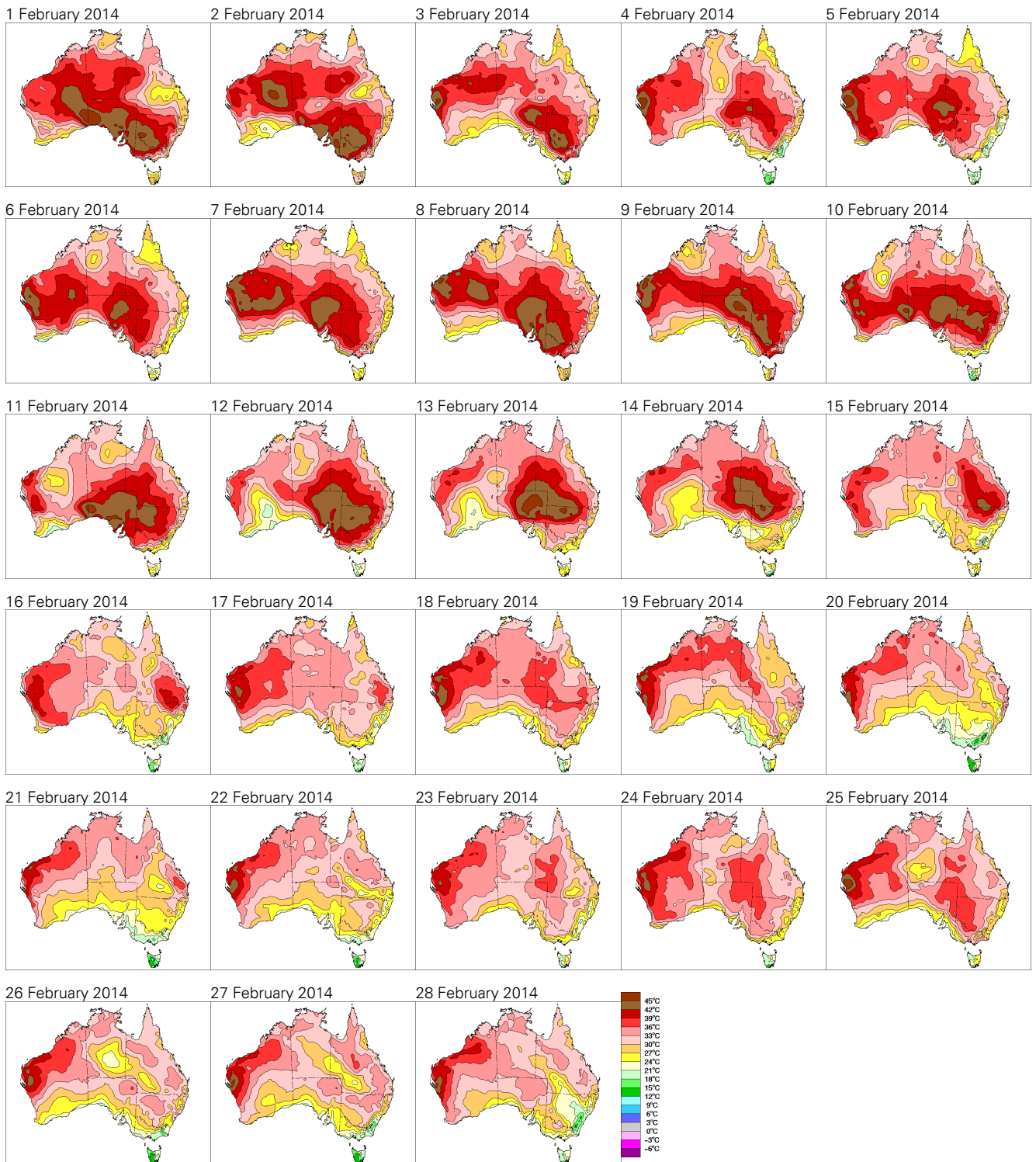
On the 12th, the monsoon trough extended from the Indian Ocean to a tropical low over northern Western Australia, to another low over the centre of the Northern Territory, brought thunderstorm activity in the vicinity of the tropical lows and a broad cloud band with embedded thunderstorms extended south through Western Australia to the Great Australian Bight and western South Australia. A high pressure system over the Tasman Sea moved slowly east and weakened over the following days, while a low over northern Western Australia moved southeastwards to reach western parts of South Australia on the 14th. The low moved across the state on the 15th, and in its wake, widespread showers and thunderstorms with moderate to heavy rainfall was reported in Western Australia, South Australia, New South Wales, northern Victoria and Tasmania. Extreme daily totals included: 115 mm at Adelaide (Tea Tree Gully Council), 109 mm at Streaky Bay and 106.4 mm at Kapunda (Bagot Well), all in South Australia. Numerous daily rainfall records were broken (see page 0).

In the afternoon of the 15th, a trough crossing Tasmania brought thunderstorms to many parts of the state: Mount Morrision in the Midlands registered 87.4 mm and several sites in the Derwent Valley and Southern Midlands received over 50 mm.

On the 19th a complex area of low pressure over the state brought rain, thunderstorms and some very

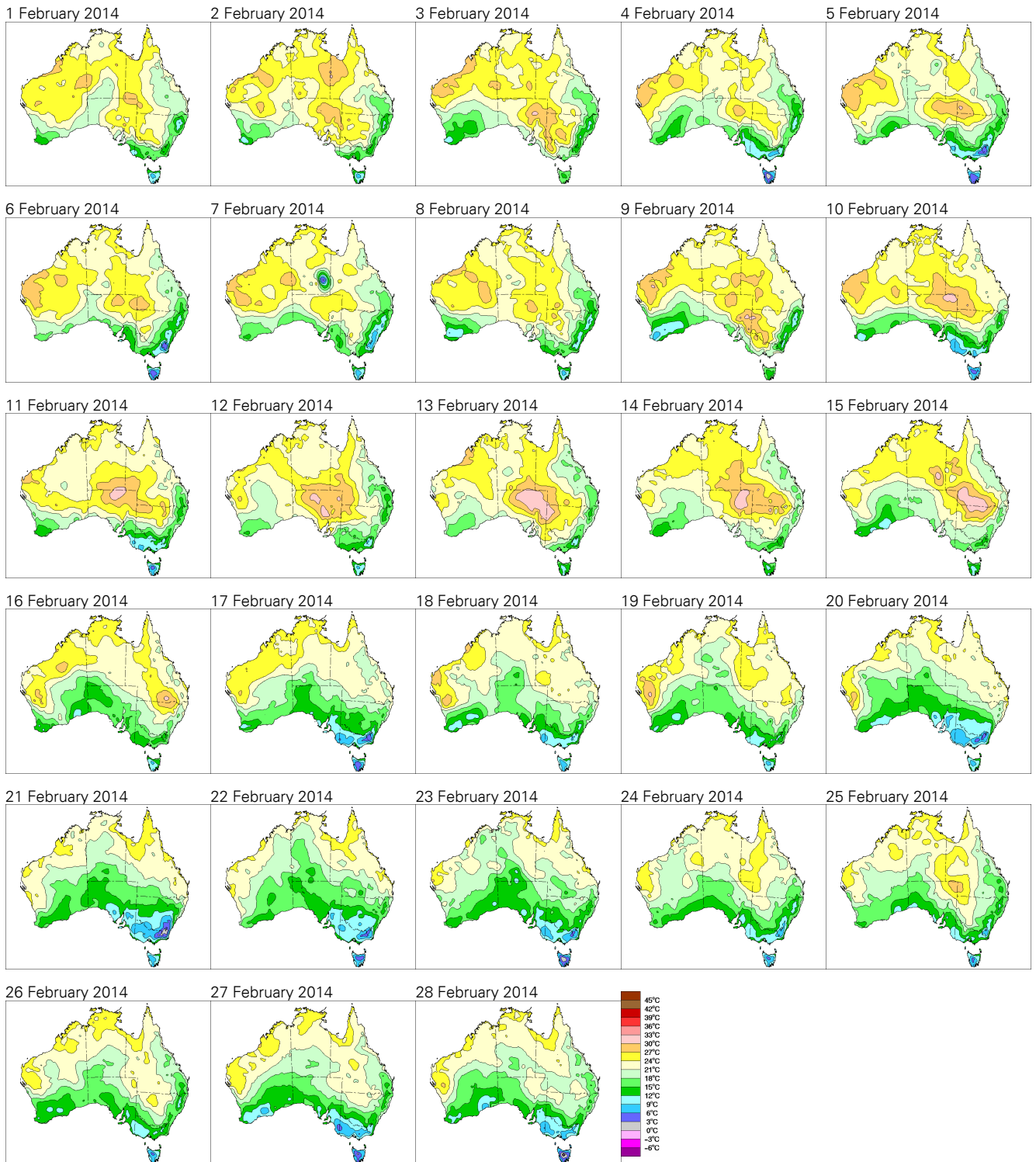
intense falls including Friendly Beaches with 23 mm in 10 minutes and 37 mm in 30 minutes that morning. Strong southwest winds that developed as the low moved away to the southeast and brought heavy rain to the west on the 20th and 21st, giving Mount Read 162.6 mm in 24 hours and was the wettest day in the site's 18-year history.

Daily maximum temperature maps



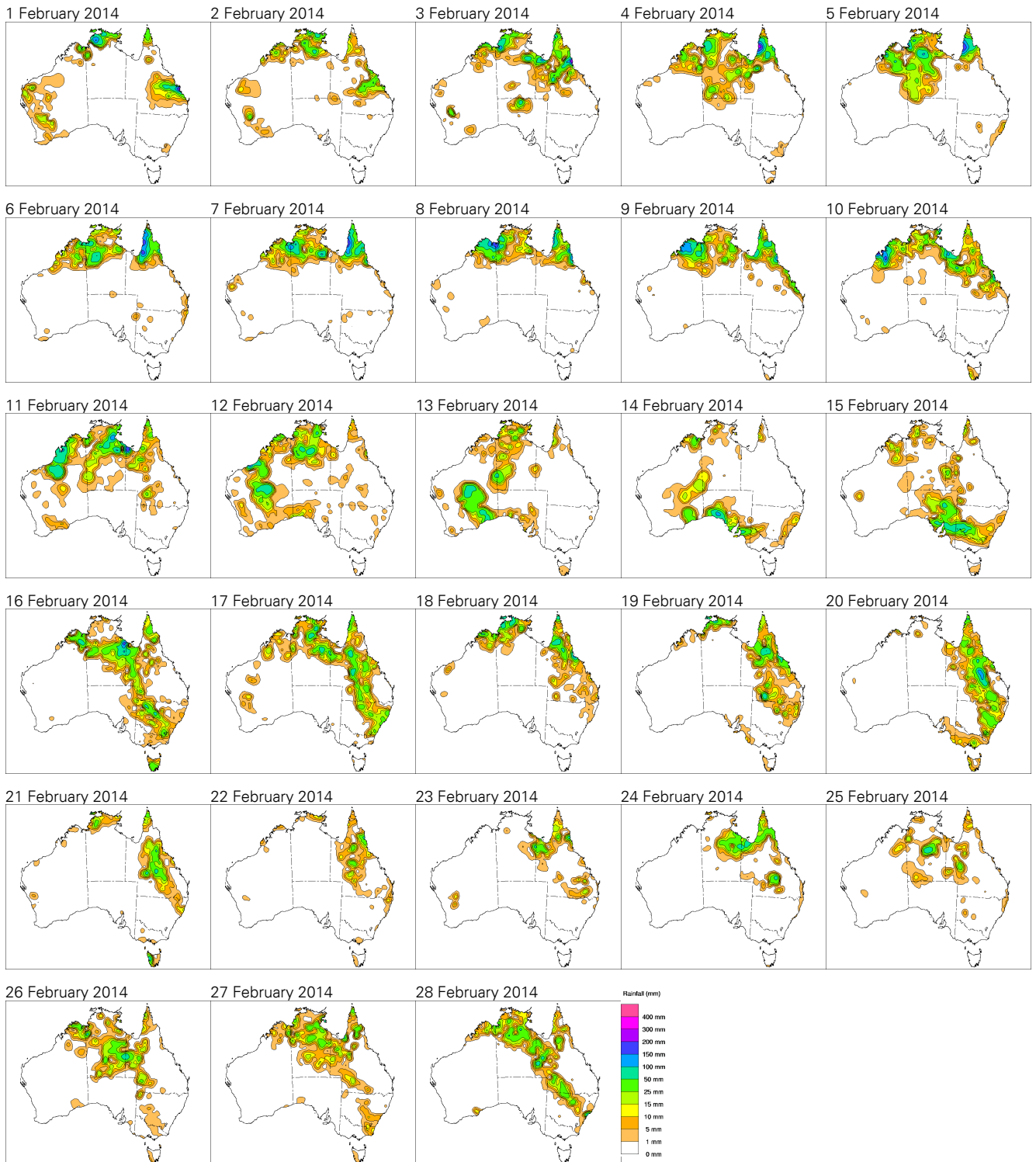
These maps are intended to give an overview of daily maximum temperature across the country. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated. A wide range of maps of rainfall, temperature and other variables, covering the whole country and smaller regions can be found at www.bom.gov.au/climate/maps/.

Daily minimum temperature maps



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Daily rainfall maps



These maps are intended to give an overview of daily rainfall across the country. 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. A wide range of maps of rainfall, temperature and other variables, covering the whole country and smaller regions can be found at www.bom.gov.au/climate/maps/.

Records

Record highest February daily maximum temperature			
	New record	Old record	Years of record
Western Australia			
200284 Cocos Island Airport	32.5 on 14th	32.4 on 19th in 1979	63
South Australia			
018079 Streaky Bay	44.0 on 11th	43.6 on 6th in 1993	57
022018 Warooka	41.6 on 1st	41.5 on 7th in 1983	49
023083 Edinburgh RAAF	45.0 on 2nd =	45.0 on 14th in 2004	42
023090 Adelaide (Kent Town)	44.7 on 2nd	44.3 on 14th in 2004	38
023733 Mount Barker	43.0 on 2nd	41.9 on 6th in 2009	58
024518 Meningie	44.2 on 2nd	43.6 on 14th in 2004	48
025507 Keith	46.5 on 2nd	44.8 on 14th in 2004	53
026021 Mount Gambier Aero	44.9 on 2nd	43.6 on 16th in 1983	73
New South Wales			
056013 Glen Innes Ag Research Stn	34.5 on 10th	33.6 on 17th in 1983	39
070278 Cooma Visitors Centre	38.9 on 3rd	38.3 on 7th in 2009	40
Victoria			
084070 Point Hicks (Lighthouse)	41.0 on 9th	40.4 on 1st in 2011	44
Tasmania			
096003 Butlers Gorge	33.5 on 2nd	32.5 on 7th in 1975	40
099005 Flinders Island Airport	39.4 on 9th	38.3 on 1st in 1983	52

= indicates the new record equals the old one.

Record highest February mean maximum temperature			
	New record	Old record	Years of record
New South Wales			
056013 Glen Innes Ag Research Stn	27.4 =	27.4 in 1983	38

= indicates the new record equals the old one.

Highest February mean maximum temperature for at least 30 years			
	Observed this month	Most recent higher	Years since higher
New South Wales			
056018 Inverell Research Centre	31.6	31.8 in 1965	49

Record lowest February daily maximum temperature			
	New record	Old record	Years of record
Northern Territory			
014850 Timber Creek	26.0 on 7th	26.6 on 19th in 2002	34
South Australia			
022015 Price	19.2 on 20th	19.5 on 29th in 2012	50
Queensland			
028004 Palmerville	24.9 on 5th	25.0 on 13th in 1977	64
029038 Kowanyama Airport	24.6 on 6th	= 24.6 on 16th in 1972	48
Tasmania			
091223 Marrawah	13.0 on 20th	= 13.0 on 1st in 1990	43

= indicates the new record equals the old one.

Lowest February mean maximum temperature for at least 30 years			
	Observed this month	Most recent lower	Years since lower
Queensland			
032004 Cardwell Marine Pde	29.5	29.3 in 1984	30
New South Wales			
200288 Norfolk Island Aero	23.8	23.6 in 1979	35

Record lowest February daily minimum temperature			
	New record	Old record	Years of record
New South Wales			
073014 Grenfell (Manganese Rd)	5.9 on 21st	6.1 on 12th in 1965	48

Lowest February mean minimum temperature for at least 30 years			
	Observed this month	Most recent lower	Years since lower
Western Australia			
002032 Warmun	23.5	22.4 in 1978 *	34
Queensland			
033013 Collinsville Post Office	20.7	20.2 in 1972 *	41

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

Record highest February daily minimum temperature			
	New record	Old record	Years of record
South Australia			
023013 Parafield Airport	30.3 on 12th =	30.3 on 12th in 1977	58
Queensland			
037010 Camooweal Township	30.0 on 2nd	29.7 on 19th in 1986	73
New South Wales			
058158 Murwillumbah (Bray Park)	26.1 on 20th	25.5 on 22nd in 2004	38
Victoria			
078077 Warracknabeal Museum	29.1 on 3rd	27.3 on 9th in 1970	41
079028 Longerenong	27.1 on 3rd	26.8 on 15th in 2004	50
081049 Tatura Inst Sustainable Ag	26.2 on 9th =	26.2 on 7th in 1997	50
084070 Point Hicks (Lighthouse)	24.2 on 9th	23.5 on 8th in 1982	44
088110 Castlemaine Prison	25.9 on 9th =	25.9 on 6th in 1997	43
Tasmania			
091219 Scottsdale (West Minstone Road)	20.2 on 9th	19.7 on 8th in 1997	42

= indicates the new record equals the old one.

Record highest February mean minimum temperature			
	New record	Old record	Years of record
Western Australia			
005017 Onslow Airport	26.4 =	26.4 in 2007	48

= indicates the new record equals the old one.

Record highest February mean temperature			
	New record	Old record	Years of record
New South Wales			
056018 Inverell Research Centre	24.3 =	24.3 in 1981	56

= indicates the new record equals the old one.

Lowest February mean temperature for at least 30 years			
	Observed this month	Most recent lower	Years since lower
Northern Territory			
015131 Elliott	27.9	27.5 in 1981 *	32
Queensland			
028004 Palmerville	27.0	26.8 in 1975 *	34
032004 Cardwell Marine Pde	26.4	26.2 in 1984	30

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

Record highest February daily rainfall				
	New record	Old record	Years of record	
Western Australia				
002009	Gibb River	143.4 on 9th	141.0 on 27th in 1995	90
002044	Lake Argyle Resort	132.4 on 7th	107.0 on 21st in 2002	46
002056	Kununurra Aero	163.8 on 8th	110.4 on 20th in 2002	41
003040	Camballin	152.8 on 10th	143.0 on 22nd in 1991	44
003057	Cygnets Bay	269.4 on 10th	190.5 on 15th in 1980	51
011019	Eyre	64.6 on 13th	48.8 on 2nd in 2001	65
011029	Arubiddy	61.4 on 13th	41.6 on 2nd in 2001	49
011030	Rawlinna Homestead	46.0 on 13th	42.0 on 14th in 2011	50
013005	Lorna Glen	113.0 on 13th	95.5 on 20th in 1967	70
Northern Territory				
014718	Redbank Mine	189.0 on 11th	169.0 on 13th in 2004	36
014901	Douglas River	212.0 on 1st	206.4 on 5th in 1980	41

Record highest February daily rainfall			
	New record	Old record	Years of record
South Australia			
017012	Beltana Station	55.0 on 14th	54.1 on 25th in 1939 102
018007	Yeelana (Brooker)	47.0 on 14th	45.0 on 19th in 2011 99
018012	Ceduna AMO	52.2 on 14th	33.8 on 28th in 1987 75
018040	Kimba	53.2 on 15th	44.6 on 7th in 1998 94
018054	Port Kenny (Mount Cooper)	75.0 on 14th	42.4 on 8th in 1976 74
018077	Smoky Bay	88.0 on 14th	65.3 on 20th in 1938 102
018079	Streaky Bay	109.0 on 14th	77.5 on 20th in 1938 135
018118	Haslam	74.6 on 14th	41.9 on 5th in 1932 52
018150	Port Kenny	57.5 on 14th	40.0 on 7th in 1976 46
018165	Lock (Terrah Winds)	41.2 on 15th	32.6 on 19th in 2011 44
018176	Cowell (Winter Springs)	80.4 on 15th	59.0 on 24th in 1979 45
018182	Ceduna (Uworra)	51.2 on 14th	43.0 on 14th in 1981 42
021001	Auburn	80.6 on 15th	71.1 on 6th in 1973 132
021020	Georgetown	67.2 on 15th	56.6 on 6th in 1973 132
021034	Mount Bryan	60.0 on 15th	55.0 on 5th in 2011 114
021036	Mundooro	82.6 on 15th	65.0 on 17th in 1946 121
021047	Spalding	59.4 on 15th	53.8 on 28th in 1939 111
021072	Huddleston (Willow Ponds)	69.0 on 15th	57.9 on 5th in 1973 57
021076	Manooro (Cooinda)	90.0 on 14th	77.0 on 6th in 1973 57
021077	Burra Community School	74.8 on 15th	53.8 on 20th in 1987 54
021104	Balaklava (Wanappe)	87.0 on 15th	62.5 on 6th in 1973 46
021108	Port Broughton (Wandearah)	58.0 on 15th	45.2 on 6th in 1973 46
021110	Tickera	64.2 on 14th	52.8 on 21st in 2003 45
021123	Mintaro (Martindale)	90.0 on 15th	54.6 on 7th in 1997 33
022003	Curramulka	65.4 on 14th	58.0 on 19th in 2011 127
022033	Ardrossan (Vitana)	66.0 on 15th	60.9 on 7th in 1997 44
023005	Adelaide (Glen Osmond)	72.0 on 14th	66.3 on 17th in 1943 116
023026	Adelaide (Pooraka)	87.8 on 14th	73.2 on 5th in 1890 131
023042	Burnside	77.6 on 14th	64.5 on 14th in 1913 36
023087	Reeves Plains (Parana Park)	45.0 on 15th	43.4 on 20th in 2000 40
023090	Adelaide (Kent Town)	75.2 on 14th	33.8 on 20th in 2003 38
023096	Adelaide (Hope Valley Reservoir)	84.2 on 14th	37.8 on 20th in 2003 35
023311	Marrabel	80.0 on 15th	69.9 on 18th in 1946 130
023323	Tarnma	69.0 on 15th	67.0 on 22nd in 2000 57
023354	Kapunda (Bagot Well)	106.4 on 15th	69.0 on 16th in 2011 46
023355	Riverton (Leeward)	80.0 on 15th	67.3 on 6th in 1973 46
023360	St Kitts	76.6 on 15th	62.7 on 5th in 1973 57
023726	Lobethal	99.8 on 14th	61.0 on 1st in 1974 130
023748	Adelaide (Tea Tree Gully Council)	115.0 on 14th	86.9 on 9th in 1969 130
023750	Uraidla	84.5 on 14th	70.0 on 1st in 1974 123
023806	Upper Hermitage	58.2 on 14th	50.8 on 1st in 1974 44
023817	Aldgate	69.0 on 14th	65.5 on 1st in 1974 46
023829	Woodside	93.2 on 14th	61.0 on 1st in 1974 119
023839	Blackwood (Wittunga)	63.0 on 14th	44.8 on 20th in 2000 36
024003	Renmark Irrigation	72.8 on 15th	67.8 on 5th in 2011 96
024008	Lyrup	79.5 on 15th	64.8 on 2nd in 1950 106
024010	Moorook	69.6 on 15th	67.2 on 20th in 2000 115
024017	Taldra	104.0 on 15th	52.0 on 23rd in 1979 95
024025	Berri	84.0 on 15th	35.6 on 6th in 1973 54
024509	Dutton	78.8 on 15th	64.0 on 21st in 2003 95
024526	Point Pass	57.2 on 15th	52.3 on 6th in 1973 93

Record highest February daily rainfall				
		New record	Old record	Years of record
024534	Sutherlands	61.0 on 15th	60.8 on 7th in 1997	114
024555	Eudunda (Moondah)	83.8 on 15th	66.0 on 21st in 2000	45
024573	Truro	77.0 on 15th	60.2 on 14th in 1913	133
025000	Alawoona	60.0 on 14th	58.4 on 2nd in 1950	92
025004	Galga	74.6 on 14th	68.0 on 16th in 2011	80
025050	Caliph	70.2 on 15th	40.4 on 24th in 1979	40
025051	Mantung	74.0 on 15th	61.0 on 23rd in 1979	36
Queensland				
029038	Kowanyama Airport	361.2 on 8th	342.9 on 15th in 1949	101
031029	Herberton Mowbray Rd	156.6 on 3rd	154.9 on 1st in 1913	112
033229	Belmont Agforce	315.0 on 1st	191.2 on 6th in 2003	61
034061	Junee Station	123.5 on 1st	97.5 on 26th in 2003	40
035018	Carnarvon Station	105.4 on 20th	105.2 on 3rd in 1997	61
035042	Mantuan Downs	130.0 on 20th	111.8 on 1st in 1922	97
035079	Wharton Creek Station	114.0 on 20th	104.6 on 10th in 1956	68
035164	Monklands	160.0 on 19th	100.0 on 23rd in 1997	40
035188	Yandaburra	100.0 on 20th	92.8 on 10th in 1980	74
036076	Eastmere	146.0 on 20th	130.0 on 1st in 1997	45
037107	The Monument	89.1 on 28th	85.2 on 14th in 1987	34
042022	Meandarra Post Office	78.0 on 20th	73.4 on 15th in 2010	72
043065	Katoota	70.0 on 27th	63.0 on 16th in 1997	52
New South Wales				
047033	Pooncarie (Tarcoola)	85.0 on 15th	74.4 on 28th in 1906	135
054024	Barraba (Log Cabin)	243.0 on 21st	108.0 on 2nd in 2012	44
061012	Cooranbong (Avondale)	233.0 on 28th	157.7 on 24th in 1908	98
070308	Torrens (Darke St)	86.4 on 20th	75.2 on 5th in 2001	30
Victoria				
076133	Lindsay Point	54.0 on 15th	49.0 on 5th in 2011	41
Tasmania				
094014	Colebrook (The Meadows)	76.0 on 16th	74.2 on 5th in 1938	98
095033	Ellendale Post Office	73.0 on 16th	72.4 on 5th in 1938	42
097021	Renison Bell	86.0 on 21st	67.6 on 7th in 1999	84

Record highest February total rainfall		New record	Old record	Years of record
Western Australia				
002056	Kununurra Aero	597.2	425.4 in 2011	41
Northern Territory				
014850	Timber Creek	494.8	452.6 in 2002	33
South Australia				
018054	Port Kenny (Mount Cooper)	114.4	96.8 in 1976	74
018060	Nundroo	90.2	89.8 in 1975	82
018088	Ungarra	95.2	87.3 in 1946	99
018150	Port Kenny	88.5	87.4 in 1976	45
018184	Cleve (Ningana)	95.0	87.0 in 1997	41
021123	Mintaro (Martindale)	103.6	66.4 in 2000	31
022032	Ardrossan (Mulara)	91.6	71.9 in 2011	42
022033	Ardrossan (Vitana)	82.2	80.1 in 1997	45
023005	Adelaide (Glen Osmond)	92.8	88.9 in 1943	127
023013	Parafield Airport	98.4	81.7 in 1946	67
023023	Adelaide (Salisbury Bowling Club)	104.2	100.4 in 1969	141
023026	Adelaide (Pooraka)	112.2	99.6 in 1919	136
023042	Burnside	98.4	78.7 in 1919	36
023083	Edinburgh RAAF	104.0	75.8 in 1974	42
023087	Reeves Plains (Parana Park)	98.0	93.0 in 2000	39
023090	Adelaide (Kent Town)	98.2	63.0 in 2003	38
023096	Adelaide (Hope Valley Reservoir)	125.4	75.6 in 2003	35
023305	Greenock	114.2	105.4 in 1969	133
023309	Lyndoch	113.8	99.0 in 1973	128
023343	Rosedale (Turretfield Research Centre)	105.7	98.5 in 1969	119
023360	St Kitts	119.4	104.3 in 1973	57
023752	Williamstown	117.5	107.2 in 1946	133
023756	Williamstown (Glen Gillian)	117.6	109.6 in 1969	63
023758	Kersbrook (Mabenjo)	121.0	112.0 in 1969	58
023806	Upper Hermitage	104.4	87.6 in 2000	43
023817	Aldgate	107.2	103.8 in 1976	45
023820	Williamstown (South Para Reservoir)	129.4	109.9 in 1969	46
024017	Taldra	105.6	97.5 in 1917	98
024024	Loxton Research Centre	101.6	93.4 in 2000	30
024025	Berri	111.2	105.4 in 2000	53
024509	Dutton	136.4	105.4 in 1950	95
024573	Truro	117.5	112.6 in 2000	135
025000	Alawoona	130.0	100.6 in 1950	93
025002	Purnong (Claypans)	106.5	101.7 in 1973	88
025004	Galga	128.5	105.3 in 1973	80
025050	Caliph	118.2	70.8 in 1979	40
025051	Mantung	121.0	108.6 in 1979	36
Queensland				
027000	Aurukun Shire Council	1156.0	863.7 in 2002	99
028015	Wrotham Park	535.0	476.0 in 1999	55
029038	Kowanyama Airport	1470.6	881.8 in 1918	100
029061	Herbert Vale	381.6	348.9 in 1891	57

Highest February total rainfall for at least 30 years

		Observed this month	Most recent higher	Years since higher
Western Australia				
001010	Theda	559.0	629.3 in 1969 *	42
002044	Lake Argyle Resort	429.4	588.6 in 1969	45
Northern Territory				
014821	Rosewood	352.6	402.0 in 1980 *	32
015131	Elliott	408.1	471.2 in 1974 *	39
* note: there are gaps in the historical record at this site, so it is possible a higher value has gone unreported.				

Highest February total rainfall for at least 30 years				
		Observed this month	Most recent higher	Years since higher
South Australia				
018001	Arno Bay	54.0	95.6 in 1969	45
018002	Penong (Penalumba)	68.4	92.8 in 1975 *	37
018007	Yeelana (Brooker)	64.8	67.6 in 1917	97
018019	Coulta	55.8	88.6 in 1976	38
018023	Cummins	68.0	104.1 in 1938 *	75
018043	Koppio	73.4	122.1 in 1938 *	74
018053	Minnipa	64.8	69.6 in 1976	38
018058	Whyalla (Mullaquana)	110.4	121.5 in 1979	35
018068	Poochera	70.4	70.8 in 1968	46
018077	Smoky Bay	90.0	102.1 in 1938 *	75
018079	Streaky Bay	114.4	133.0 in 1938	76
018089	Waddikee	91.2	154.1 in 1946	68
018094	Wirrulla	97.6	184.5 in 1938 *	75
018096	Cleve (Pineview)	56.8	91.4 in 1979 *	34
018098	Yaninee	66.0	81.2 in 1946 *	63
018118	Haslam	76.5	81.2 in 1976 *	37
018171	Mount Hope (Fairview)	65.8	94.6 in 1976	38
018193	Kimba (Cortlinye)	98.9	152.5 in 1946 *	42
019037	Port Germein	61.0	130.0 in 1973	41
021001	Auburn	98.6	135.9 in 1973	41
021009	Spalding (Bundaleer Reservoir)	64.6	88.4 in 1979	35
021020	Georgetown	76.8	130.4 in 1973 *	39
021022	Gulnare	63.2	78.6 in 1979	35
021031	Laura	86.1	121.7 in 1973	41
021033	Mintaro	97.2	146.6 in 1973 *	30
021036	Mundoora	95.5	107.4 in 1973 *	39
021042	Port Broughton	90.6	95.5 in 1973	41
021054	Watervale	83.9	145.6 in 1973 *	40
021072	Huddleston (Willow Ponds)	78.0	128.5 in 1973 *	40
021076	Manoora (Cooinda)	97.4	122.8 in 1973	41
021104	Balaklava (Wanappe)	105.0	120.2 in 1973	41
021110	Tickera	74.2	93.0 in 1973 *	40
022002	Corny Point	98.5	121.5 in 1946 *	65
022003	Curramulka	86.4	125.5 in 1969	45
023011	North Adelaide	96.6	175.3 in 1925	89
023021	Roseworthy	92.8	95.4 in 1946 *	66
023024	Adelaide (Seaton)	91.8	101.1 in 1969 *	44
023028	Two Wells	95.6	103.5 in 1969 *	42
023034	Adelaide Airport	81.0	103.2 in 1969	45
023098	Adelaide (Morphettville Racecourse)	79.4	89.1 in 1973 *	32
023300	Angaston	93.4	98.0 in 1973	41
023311	Marrabel	105.6	118.8 in 1973 *	40
023318	Tanunda	92.8	94.0 in 1973	41
023325	Freeling	90.3	100.6 in 1973	41
023355	Riverton (Leeward)	102.4	115.4 in 1973	41
023365	Tarlee (Hazelton)	73.4	117.9 in 1973 *	40
023705	Birdwood	142.0	164.7 in 1969 *	44
023707	Bridgewater	113.4	161.7 in 1969 *	43
023709	Cherry Gardens	76.4	152.0 in 1969	45
023713	Echunga Golf Course	80.8	92.2 in 1976 *	37

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

Highest February total rainfall for at least 30 years		Observed this month	Most recent higher	Years since higher
023719	Gumeracha	138.8	151.8 in 1969 *	42
023720	Hahndorf	99.6	168.2 in 1969 *	44
023722	Harrogate	149.2	170.5 in 1969	45
023726	Lobethal	151.7	170.5 in 1969 *	43
023727	Longwood	90.4	144.8 in 1976	38
023737	Mount Pleasant	158.4	159.6 in 1969 *	44
023748	Adelaide (Tea Tree Gully Council)	123.3	127.0 in 1946 *	66
023750	Uraidla	123.9	154.7 in 1969 *	44
023801	Lenswood Research Centre	125.4	174.8 in 1969	45
023803	Ashton Co-op	127.6	167.3 in 1969 *	43
023829	Woodside	133.8	162.3 in 1969 *	30
024008	Lyrup	102.9	133.2 in 1950 *	60
024010	Moorook	90.0	116.7 in 1950 *	61
024013	Loxton (Pyap)	99.0	99.9 in 1973	41
024501	Australia Plains	74.6	98.3 in 1973 *	37
024502	Black Hill	97.2	104.1 in 1969 *	35
024510	Tailem Bend (Woodlands)	86.6	90.7 in 1973	41
024513	Cambrai (Kongolia)	116.0	125.8 in 1969 *	44
024517	Mannum Council Depot	121.8	131.4 in 1969	45
024521	Murray Bridge Comparison	81.2	88.7 in 1973	41
024525	Palmer	143.8	179.1 in 1969	45
024528	Robertstown	93.6	116.5 in 1947 *	66
024530	Sedan (Sandleton)	112.4	113.2 in 1946	68
024531	Sedan	114.4	124.1 in 1969 *	39
024533	Murray Bridge (Tepko)	115.0	131.4 in 1969 *	44
024547	Nildottie	111.2	116.9 in 1973	41
025006	Karoonda	93.4	113.1 in 1969 *	44
025010	Mindarie	110.0	127.3 in 1973	41
025018	Alawoona (Schells Well)	95.4	113.1 in 1973	41
025056	Blanchetown (Wyn-Moor)	98.4	110.5 in 1973 *	40
Queensland				
027015	Moreton Telegraph Station	584.2	589.6 in 1894 *	99
028012	Koolburra	497.0	590.8 in 1981 *	30
029014	Dunbar Station	854.0	1224.4 in 1942	72
035000	Alpha Post Office	255.0	298.6 in 1956	58
036007	Barcaldine Post Office	237.8	336.3 in 1954	60
036016	Coreena	220.0	264.2 in 1940	74
044071	Cheepie Post Office	172.3	214.0 in 1976 *	35
New South Wales				
054024	Barraba (Log Cabin)	260.0	268.8 in 1971 *	32
Victoria				
076069	Winnambool (Kulwin)	70.1	79.6 in 1981 *	32
Tasmania				
094014	Colebrook (The Meadows)	92.4	116.6 in 1969 *	40

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

Record lowest February total rainfall			
	New record	Old record	Years of record
Western Australia			
009754 Mettler	1.4	1.6 in 1987	48
009837 Wellstead	0.6 =	0.6 in 1988	40
Northern Territory			
014705 Calvert Hills	19.6	19.8 in 1986	39
Queensland			
039036 Eidsvold Post Office	0.0	0.7 in 1983	125
040004 Amberley AMO	13.0	17.1 in 2005	73
040093 Gympie	11.0	13.8 in 1983	144
040112 40922 Kingaroy^	1.8	3.1 in 1921	108
040118 Little Yabba SFR 274	15.5	22.0 in 1983	70
040145 Mt Mee	9.8	21.1 in 1919	102
040162 Numinbah State Farm	24.7	39.6 in 1952	73
040175 Point Lookout Bowls Club	17.0	37.8 in 1948	61
040211 Archerfield Airport	13.4	17.0 in 2005	82
040214 40913 Brisbane^	15.8	17.8 in 1932	152
040223 40842 Brisbane Airport^	15.0	24.1 in 1963	64
040269 Karragarra Island	27.5	32.8 in 1986	59
040307 Vincent Vale	4.4	9.4 in 1974	53
040282 40988 Nambour^	41.4	54.4 in 1986	61
040312 New Beith	12.2	14.8 in 2005	52
040317 Range View	5.4	11.4 in 2005	52
040319 Rocky Point Sugar Mill	25.2	37.6 in 2005	55
040320 Fort Lytton	18.8	39.4 in 1987	47
040383 Greenslopes Private Hospital	12.1	20.6 in 1987	36
040413 Central Kerry	1.0	12.0 in 1993	48
040458 Capalaba Water Treat	19.2	37.4 in 2005	43
040531 Boondall	22.4	34.3 in 2002	37
040534 Wunburra	31.2	40.8 in 1988	55
040542 Maclean Bridge	10.8	17.4 in 2007	32
040659 Greenbank Thompson Road	8.2	14.4 in 2007	38
040674 Mt Stanley Station	4.6	15.2 in 1985	37
040686 Beenham Valley Rd	27.0	30.4 in 2005	31
040951 Heathwood (Wadeville St)	13.4	18.2 in 2005	39
041037 Goombungee Post Office	3.9	4.8 in 1921	105
041131 Cooranga North	1.4	3.0 in 2005	53
041175 Applethorpe	6.8	12.0 in 1974	44
041277 Glenroy	1.0	3.0 in 1985	56
041310 Kuyura	4.0	6.6 in 2005	56
041318 Carramar	0.0	2.0 in 1989	52
041469 Macalister	4.0	14.0 in 1987	43
042042 Kilbeggan	0.0	2.0 in 1983	44

= indicates the new record equals the old one.

^ note: the observations are taken from the current (open) site, and comparing all available records from both the open site and old (closed) site.

Record lowest February total rainfall			
	New record	Old record	Years of record
New South Wales			
056094 Dundee (Wattle Dale)	17.0	21.6 in 2011	56
056098 Dundee (Karinga)	18.8	23.4 in 1978	56
057093 Cangai (Smelter Creek)	16.8	19.1 in 1923	54
058005 Brays Creek (Misty Mountain)	13.0	36.0 in 2005	64
058011 Chillingham	26.5	39.0 in 2005	60
058073 Copmanhurst (Stockyard Creek)	17.0	21.3 in 1960	54
058074 Kangaroo Creek (Jaloom)	16.8	22.2 in 1996	52
058078 Bentley	24.0	27.0 in 2005	49
058080 Wooli Beach	49.4	51.3 in 1965	47
058099 Whiporie Post Office	19.4	33.7 in 1965	50
058102 Grafton South (South Grafton (Yeerong))	12.4	23.6 in 1978	49
058103 Brunswick Heads Bowling Club	18.6	37.2 in 2005	48
058109 Tyalgum (Kerrs Lane)	22.4	29.0 in 2005	41
058129 Kunghur (The Junction)	11.0	27.8 in 2005	44
058135 Meerschaumvale (Meerschaum Vale (Barden))	46.0	53.6 in 1986	45
058146 Kyogle (Larkin Street)	28.2	37.0 in 2005	41
058158 Murwillumbah (Bray Park)	15.2	40.6 in 1988	40
058165 Rosebank (Upper Coopers Creek)	45.0	48.8 in 1986	38
058171 Meerschaum Vale (Jenbetdaph)	36.0	73.4 in 1986	37
060103 Krumbach (Tipperary)	6.0	15.6 in 1991	43
Victoria			
087043 Meredith (Darra)	1.8	2.3 in 1956	140
087124 Buckley (Balliwindi)	0.0	0.6 in 1970	46
Tasmania			
091126 Devonport Airport	0.9	1.5 in 1965	51

=indicates the new record equals the old one.
[^] *note: the observations are taken from the current (open) site, and comparing all available records from both the open site and old (closed) site.*

Lowest February total rainfall for at least 30 years

		Observed this month	Most recent lower	Years since lower
Western Australia				
004033	Pyramid Station	1.2	0.0 in 1959 *	52
005012	Millstream	5.0	3.8 in 1964 *	47
009518	Cape Leeuwin	0.2	0.0 in 1903	111

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

Lowest February total rainfall for at least 30 years		Observed this month	Most recent lower	Years since lower
Queensland				
035014	Wandoan Post Office	6.0	3.6 in 1969 *	44
035063	Somerby	16.2	7.4 in 1984	30
039085	Sandy Cape Lighthouse	22.2	21.1 in 1965	49
040051	Conondale Township	18.6	7.6 in 1936 *	62
040068	Double Island Point Lighthouse	11.6	5.1 in 1904 *	107
040075	Esk Post Office	7.4	3.8 in 1923	91
040079	Forest Hill	2.1	0.0 in 1923 *	89
040082	University of Queensland Gatton	1.8	0.0 in 1923	91
040083	Gatton Allan Street	4.8	0.5 in 1923 *	89
040099	Imbil Post Office	12.4	1.5 in 1926	88
040104	Englesberg Village	11.1	6.8 in 1936 *	72
040106	Kenilworth Township	24.2	16.0 in 1983	31
040113	Kumbia Post Office	4.0	2.8 in 1932	82
040120	Lowood Don St	9.2	4.9 in 1939 *	73
040126	Maryborough	23.6	11.8 in 1983	31
040138	Mounefontein	7.8	3.8 in 1965 *	48
040139	Mt Alford	11.8	1.0 in 1926 *	59
040140	Mt Brisbane	3.0	0.0 in 1926 *	86
040141	Mount Cotton West	24.4	6.8 in 1926 *	82
040157	Nambour Bowling Club	35.2	20.9 in 1926 *	81
040158	Nanango Wills St	14.4	8.2 in 1983	31
040177	Proston Post Office	5.8	2.8 in 1957	57
040178	Rathdowney Post Office	9.0	3.3 in 1923 *	87
040183	Rosevale	12.8	0.3 in 1952 *	60
040184	Rosewood Walloon Rd	8.0	1.5 in 1926 *	87
040196	Tallebudgera Guineas Creek Road	28.1	27.9 in 1944 *	67
040200	Theebine	23.0	15.5 in 1983	31
040206	Traveston	21.6	13.7 in 1965 *	44
040224	Alderley	28.6	24.9 in 1963	51
040244	Sunnybank Bowls Club	12.0	4.1 in 1926	88
040245	Toowong Bowls Club	19.6	14.6 in 1944 *	65
040247	Lindfield	13.4	7.6 in 1926	88
040259	Yarraman Upper	17.0	14.6 in 1983	31
040290	Maroon	12.8	10.2 in 1969 *	44
040385	Minmore	2.0	0.0 in 1938 *	75
040390	Teddington Waterworks	17.9	4.9 in 1983	31
040469	Marodian Homestead	15.0	10.2 in 1965 *	48
040486	Yabba Station	12.6	7.8 in 1983	31
040493	Homeleigh	2.8	0.0 in 1926 *	85
040609	Elanora Water Treatment Plant	37.1	28.2 in 1944 *	43
041022	Dalveen	14.9	3.4 in 1939	75
041024	Doctors Creek	5.0	1.2 in 1974	40
041052	Jingi Jingi	4.4	0.8 in 1938 *	73
041062	Laguna	5.6	4.8 in 1974	40
041063	Leyburn Post Office	3.8	1.2 in 1974 *	38
041069	Millmerran Post Office	5.0	0.0 in 1926	88
041072	Mount Irving	4.8	0.0 in 1926 *	85
041082	Pittsworth	10.0	9.8 in 1974 *	39
041095	Stanthorpe Leslie Parade	12.1	3.5 in 1974 *	34
041166	Springside	4.0	3.0 in 1974 *	39

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

Lowest February total rainfall for at least 30 years

		Observed this month	Most recent lower	Years since lower
041219	Redbank	4.4	0.0 in 1974	40
041250	Pampas	3.8	0.0 in 1965 *	47
041306	Tosari	14.0	2.6 in 1974	40
041388	Murrallah	11.6	7.2 in 1983 *	30
041404	Ellangowan	7.8	5.6 in 1974	40
041504	Glen Royal	6.4	4.6 in 1969 *	42
042010	Dulacca Truck Stop	9.6	2.7 in 1974 *	39
042075	Bawnduggie	3.2	0.0 in 1964 *	48
New South Wales				
053035	Bellata (Aberfeldie)	8.8	6.4 in 1979	35
056018	Inverell Research Centre	17.6	13.5 in 1967	47
056022	Legume (New Koreelah)	22.0	3.1 in 1939	75
056207	Maryland	11.6	11.2 in 1939 *	74
057005	Drake (Village Resource Centre)	34.4	33.8 in 1939 *	73
057018	Tabulam Post Office	22.0	16.5 in 1939 *	74
058002	Bangalow (Fowlers Lane)	41.6	36.0 in 1944 *	36
058006	Brushgrove (Clarence St)	9.6	5.8 in 1939 *	71
058007	Byron Bay (Jacaranda Drive)	31.0	30.7 in 1944	70
058012	Yamba Pilot Station	26.8	14.1 in 1939	75
058015	Coraki (Union St)	35.1	25.7 in 1939 *	73
058027	Harwood Island (Harwood Sugar Mill)	17.0	5.6 in 1939 *	74
058032	Kyogle Post Office	30.2	14.1 in 1939 *	74
058045	Nymboida (Armidale Road)	14.4	14.2 in 1939 *	65
058059	Ulmarra (Newsagency)	12.4	5.8 in 1939 *	72
058061	Woodburn (Cedar St)	35.8	18.3 in 1939 *	74
058077	Grafton Research Stn	8.0	0.0 in 1926 *	50
058138	Kangaroo Creek (Hayfield)	7.6	5.6 in 1939 *	71
060005	Comboyne Post Office	32.0	6.5 in 1939	75
068048	Nowra Treatment Works	2.8	0.6 in 1899 *	113
Victoria				
084016	Gabo Island Lighthouse	6.6	2.0 in 1982	32
084028	Nowa Nowa	8.0	1.6 in 1983 *	30
085034	Glenmaggie Weir	0.4	0.0 in 1968	46
085053	Madalya	19.6	5.0 in 1983 *	30
085091	Walhalla	5.8	0.0 in 1968 *	36
087042	Meredith	3.0	2.1 in 1967 *	44
087126	Wurdiboluc Reservoir	3.4	2.0 in 1983	31
090167	Winchelsea (Post Office)	1.9	1.0 in 1983	31

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

Selected observations

Daily and mean maximum temperatures for February 2014

Western Australia	Mean Anom	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		
001013 Wyndham	34.0	34.6	29.5	32.6	35.0	35.2	34.0	27.0	31.1	33.0	33.0	32.8	33.1	35.5	34.0	35.4	30.3	34.7	35.0	36.9	37.6	36.6	35.9	36.2	35.5	34.6	34.5	35.5	34.1		
001019 Kalbaruru	32.7	32.5	29.3	33.4	34.7	31.5	32.3	32.7	30.6	30.7	30.0	29.6	32.8	32.0	32.9	33.2	32.8	33.1	33.6	34.3	35.6	34.9	35.1	34.5	34.4	34.4	34.4	31.1			
002012 Halls Creek Airport	33.2	-2.4	35.9	36.1	33.8	34.2	29.2	32.7	32.2	28.8	27.5	31.1	33.7	33.7	33.5	35.0	33.3	30.2	34.5	35.0	35.7	35.4	35.3	33.3	32.7	32.0	34.4	33.6	32.7	34.0	
002066 Kununurra Aero	33.5	34.8	30.9	33.0	35.5	33.8	21.5	27.0	30.7	29.1	31.5	33.7	31.9	34.6	37.0	33.6	31.1	34.6	35.4	37.0	37.5	36.1	35.0	35.8	35.1	33.4	34.4	33.8	33.5		
003003 Broome Airport	33.3	+0.4	33.7	33.6	32.6	33.1	31.8	32.5	31.5	33.0	33.7	29.4	30.1	31.6	31.9	31.6	32.1	32.0	32.4	33.5	32.5	32.6	32.9	36.6	36.6	37.4	35.8	35.1	35.0	37.6	
003032 Derby Aero	34.6	36.8	35.3	35.7	35.2	34.1	32.0	35.8	36.1	29.0	28.6	32.0	32.9	33.6	33.5	33.1	33.4	34.8	35.0	34.3	35.7	36.2	36.7	36.6	37.3	36.5	36.1	34.9	38.1		
004032 Port Hedland Airport	37.6	+1.3	37.8	34.8	40.1	38.1	38.9	35.8	38.4	38.7	40.5	37.7	35.5	33.6	33.7	34.9	36.1	34.5	35.5	38.5	40.3	37.9	39.5	38.3	37.0	39.3	39.8	40.0	38.5	38.9	
004083 Karratha Aero	37.4	36.1	35.5	35.7	37.5	40.4	34.2	40.4	42.1	40.4	38.9	39.2	33.1	32.5	34.7	33.4	34.0	35.8	39.0	37.6	37.3	38.5	38.9	38.3	39.0	40.6	37.1	38.8	37.7		
004106 Marble Bar	39.5	39.6	41.4	42.0	40.1	40.9	39.2	41.6	42.4	41.3	34.6	30.8	38.4	40.7	40.5	40.6	39.5	40.1	40.0	39.0	38.4	39.2	38.9	39.0	39.6	40.3	39.8	39.2	39.2		
005007 Learmonth Airport	38.3	35.7	38.1	39.5	37.5	39.3	36.8	43.3	43.1	40.8	41.0	38.9	34.9	31.9	32.9	33.9	33.0	39.0	41.0	40.1	40.0	38.6	39.9	41.4	38.9	39.5	37.3	36.8	38.6		
006011 Carnarvon Airport	35.1	+2.2	31.5	34.8	42.1	43.9	44.5	40.5	33.6	32.6	34.1	31.5	30.1	28.9	30.8	31.2	31.4	30.0	31.8	33.7	33.7	33.3	34.0	35.0	35.6	35.1	44.4	38.5	38.9	35.4	
006044 Denham	34.1	29.1	32.9	40.5	41.2	42.0	33.2	29.0	28.0	34.0	27.7	27.5	29.6	30.0	30.6	31.7	32.0	33.6	34.2	32.9	35.3	35.0	38.8	34.5	33.5	40.2	34.6	41.3	41.8		
007176 Newman Aero	36.8	38.6	39.5	38.2	36.8	38.6	38.6	40.7	41.2	39.0	35.5	28.1	30.8	36.3	37.6	36.2	38.0	37.6	38.0	35.5	34.9	35.5	36.0	36.2	37.3	37.2	37.1	36.4	34.8		
007185 Paraburdoi Aero	39.4	37.6	38.6	38.1	39.4	39.6	36.9	42.1	43.1	42.6	39.3	34.4	38.2	39.2	38.2	39.0	40.4	40.6	40.9	40.0	38.4	39.2	39.1	39.6	40.4	39.6	39.9	39.5	39.9		
007045 Meekatharra Airport	36.7	+0.2	38.1	34.9	35.3	37.7	38.7	40.3	42.1	39.7	37.7	39.6	34.3	29.4	32.9	33.0	34.9	38.7	39.4	38.9	36.3	35.4	35.0	36.2	37.0	37.8	37.3	36.8	35.7	34.6	
007600 Mount Magnet Aero	36.8	37.1	35.4	32.2	37.4	39.9	41.1	43.3	37.3	37.2	42.0	38.2	30.8	30.9	31.6	37.0	38.0	39.1	39.1	36.7	35.6	32.3	35.3	38.3	38.2	38.9	35.1	35.7	35.5		
008296 Morawa Airport	38.2	34.1	35.2	36.7	40.7	42.5	42.6	40.4	34.8	38.5	41.3	40.1	35.5	34.1	36.5	38.8	40.6	40.7	41.3	40.5	38.7	32.8	36.3	38.3	39.6	38.3	39.6	38.5	37.6	37.9	
008297 Dalwallinu	34.8	28.5	30.3	32.1	37.8	40.2	38.9	36.0	30.9	34.9	34.5	31.8	33.0	33.0	34.4	37.7	38.9	37.0	36.2	36.7	35.6	31.0	32.9	36.1	32.9	36.1	37.8	33.6	31.8	34.7	
008315 Geraldton Airport	35.4	27.5	29.2	40.7	41.2	33.8	31.2	29.8	30.8	38.8	27.3	33.0	38.1	36.3	36.8	32.1	29.0	33.1	41.8	43.5	42.7	38.3	38.2	34.0	33.7	33.4	35.8	39.2	41.2		
009021 Perth Airport	33.7	+1.8	29.9	32.3	33.9	37.9	33.3	33.3	31.5	30.7	33.7	31.5	33.2	33.7	35.0	32.4	32.2	31.3	34.1	35.4	36.7	37.3	35.0	35.0	35.5	34.9	32.3	30.5	34.9	36.7	
009131 Jurien Bay	32.7	27.0	29.0	37.5	37.2	28.0	27.0	27.7	27.0	36.6	28.0	30.0	35.5	36.0	32.0	27.2	26.5	29.0	37.0	41.0	40.0	37.0	35.0	34.0	35.0	28.0	33.0	36.0	38.0		
009225 Perth Metro	33.2	28.5	32.5	33.8	37.5	32.3	32.2	30.0	29.3	33.1	29.2	33.3	34.2	34.6	32.3	32.3	28.9	33.0	35.3	37.0	37.4	34.9	35.3	35.3	34.2	31.8	30.6	34.6	36.6		
009240 Bickley	31.6	29.7	29.1	30.7	35.6	33.9	34.1	30.2	28.1	30.2	32.0	30.5	29.6	32.2	31.3	31.9	29.9	31.9	32.5	33.9	34.5	32.0	31.7	34.0	34.2	31.9	27.2	31.9	33.9		
009518 Cape Leeuwin	23.9	+0.3	24.2	21.3	24.4	29.0	23.4	21.2	22.8	21.3	22.5	23.5	21.7	22.2	23.0	24.0	22.8	24.2	22.9	22.2	24.1	22.9	24.1	29.6	25.2	24.9	22.2	23.2	27.6	27.7	
009617 Bridgetown	29.8	27.9	25.4	29.7	35.5	27.2	24.2	25.2	24.4	30.0	27.5	27.8	28.2	32.0	32.6	32.5	28.3	30.4	30.1	32.1	32.4	31.2	32.1	35.4	33.0	27.0	26.9	31.4	35.2		
009746 Witchcliffe	27.8	24.7	22.7	30.5	33.8	25.1	23.3	23.0	22.1	27.4	23.6	23.6	27.0	28.4	30.2	27.5	25.3	24.8	26.0	32.6	31.8	33.0	33.2	33.8	27.2	25.2	27.6	30.1	33.6		
009789 Esperance	25.1	23.5	23.3	23.0	28.9	29.4	26.1	23.0	22.4	22.5	31.1	20.2	21.6	22.8	21.5	31.2	35.9	23.1	22.0	22.2	24.8	23.3	28.2	28.3	29.3	20.2	22.2	26.0	27.2		
009965 Bunbury	31.2	26.1	29.1	32.5	33.8	32.2	31.0	29.9	28.3	22.7	30.0	31.1	32.3	33.1	29.8	29.5	28.7	30.5	33.2	33.4	35.5	34.2	33.1	31.0	34.0	31.0	33.1	30.2	29.2	29.6	33.9
009977 Mandurah	31.4	26.9	30.6	33.5	32.6	29.7	31.9	28.5	25.6	30.4	26.6	32.0	34.6	32.8	28.8	27.9	26.0	29.3	34.5	35.3	37.4	36.2	34.4	32.3	32.5	31.0	32.0	31.6	34.5		
009999 Albany Airport	24.5	21.3	22.2	24.2	30.3	24.3	19.4	21.3	23.9	26.0	21.2	19.0	21.4	24.4	24.5	25.4	24.1	21.9	26.5	25.6	26.2	26.2	30.4	31.4	32.8	21.5	23.1	28.4	31.6		
010007 Bencubbin	33.4	-0.2	28.0	27.1	31.0	37.0	39.6	38.0	30.0	34.0	40.1	31.9	31.8	31.2	33.2	37.8	35.1	34.1	35.0	37.3	29.7	32.0	34.3	36.2	31.8	29.5	31.8	33.1			
010092 Merredin	34.1	+1.3	32.0	29.2	31.2	36.5	40.7	38.0	35.8	30.7	32.8	40.3	29.4	32.8	32.4	35.6	37.5	38.8	36.1	35.3	34.0	33.3	28.4	32.2	36.0	31.4	29.4	33.9	35.0		
010286 Cunderdin Airfield	34.5	35.0	31.2	33.0	37.8	41.6	35.6	34.3	30.3	30.3	39.7	29.3	32.2	33.5	35.6	38.7	39.0	34.4	34.1	34.8	35.0	34.0	34.0	36.5	38.8	38.0	29.2	32.3	34.6		
010633 Ravensthorpe	27.7	-0.8	27.6	23.1	25.6	34.4	38.8	21.9	25.9	21.7	28.3	33.9	19.4	20.6	20.0	28.4	32.0	35.0	25.4	25.0	27.6	27.8	27.3	30.0	33.5	34.2	22.2	23.5	29.4	32.1	
010911 Lake Grace	30.6	30.0	24.8	29.6	35.6	39.5	29.6	30.3	26.0	29.8	36.4	25.3	25.5	25.7	32.8	35.7	34.9	30.4	30.0	30.4	30.3	29.2	30.7	33.7	36.4	25.6	25.5	29.6	33.1		
010916 Katanning	29.6	30.3	25.0	28.2	34.1	36.1	28.0	28.3	24.4	28.9	32.9	23.8	26.0	27.5	32.1	33.6	32.3	29.0	28.3	29.9	29.9	29.4	30.0	33.5	34.1	24.8	25.1	29.7	33.0		
010917 Wandering	32.2	33.3	28.9	30.7	36.1	38.6	31.3	31.1	27.7	30.0	35.3	29.6	30.1	31.5	32.7	35.9	33.3	31.4	31.5	32.7	32.5	30.7	32.1	34.9	37.1	28.3	27.1	31.7	33.8		
011003 Eucla	25.8	-0.6	41.1	26.0	22.1	23.2	24.9	26.4	25.8	23.3	23.7	40.3	42.0	23.2	24.4	21.0	23.9	27.0	27.0	23.9	23.5	23.3	22.9	23.4	23.9	24.2	22.7	22.6	22.9		
011052 Forrest	30.9	44.4	34.1	25.4	29.3																										

Daily and mean maximum temperatures for February 2014

New South Wales		Mean Anom	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		
046037	Tibooburra Post Office	36.4	+1.3	39.7	40.1	38.8	40.0	36.3	39.2	40.0	40.5	41.4	42.4	42.0	42.6	43.0	42.8	34.3	29.5	31.8	35.7	32.3	26.6	27.7	28.7	35.1	36.7	36.4	31.7	32.8	31.3	
046043	Wilcannia (Reid St)	36.8	+1.8	42.1	41.7	41.8	36.9	37.9	40.1	41.7	41.7	42.8	42.7	44.3	45.1	43.9	42.8	34.9	30.2	33.2	35.2	31.8	26.2	26.8	28.9	35.7	36.7	38.1	33.1	31.3	23.2	
047007	Broken Hill (Patton Street)	34.3		43.4	42.2	40.5	32.6	38.8	41.0	41.2	42.7	43.6			43.5	39.2	34.7	26.5	26.1	30.6	34.1	26.7	23.7	23.2	25.2	31.9	36.8	38.2	29.5	27.5	28.4	
048245	Cobar MO	35.1	+1.8	39.8	40.3	39.5	39.1	32.3	35.7	38.3	39.8	40.3	42.0	41.4	43.2	41.2	36.6	35.4	28.6	30.7	33.5	34.1	25.1	26.0	30.7	32.0	33.2	35.2	35.3	32.6	21.9	
048245	Bourke Airport AWS	36.6		38.7	40.1	40.1	41.1	36.6	37.1	38.1	40.0	41.3	43.0	42.1	43.4	44.9	41.5	39.6	28.8	32.8	36.3	34.6	28.6	29.6	32.4	32.9	35.1	35.5	34.4	32.4	21.9	
049000	Ivanhoe Aerodrome AWS	35.0		44.2	43.8	42.0	36.7	36.7	39.0	41.2	42.2	42.6	41.2	43.1	43.4	35.8	31.5	27.6	28.8	31.7	34.9	28.5	24.5	25.0	27.9	35.0	35.0	37.3	30.1	29.1	22.2	
050052	Condobolin Ag Research Stn	34.6	+1.7	41.0	42.0	40.2	40.0	33.0	33.2	36.9	39.7	40.5	42.2	42.1	41.9	35.1	28.0	31.3	31.8	31.7		32.6	24.6	26.5	30.6	30.8	32.5	34.7	34.4	32.0	24.2	
051039	Nyngan Airport	35.0	+1.5	39.6	39.0	38.0	38.8	32.0	34.0	37.8	39.0	40.0	42.4	40.5	43.7	41.0	36.6		35.7	31.4	35.0	30.5	26.0	27.0	31.0	31.5	32.4	34.6	34.0	33.5	21.0	
052088	Walgett Airport AWS	35.7		37.7	37.2	36.2	37.8	35.3	34.8	36.5	37.7	39.7	42.1	40.6	42.5	43.7	37.9	41.0	36.2	33.1	35.1	29.7	29.5	29.0	34.4	33.6	33.9	34.0	33.2	36.3	21.8	
053115	Moree Aero	34.3		36.6	36.4	35.6	35.9	33.6	30.6	33.7	35.9	36.8	40.0	36.1	39.0	38.0	35.5	39.8	39.9	32.3	35.7	31.6	26.2	31.4	29.0	32.0	32.4	32.5	30.0	34.4	29.5	
054038	Narrabri Airport AWS	35.0		39.0	38.4	36.0	36.3	33.7	32.1	34.8	37.5	37.3	41.2	37.9	39.2	38.3	36.7	38.3	38.3	31.3	36.2	31.0	30.2	32.9	32.5	32.5	32.7	32.6	31.4	34.5	27.4	
055024	Gunnedah Resource Centre	33.3	+2.0	39.1	37.6	34.3	34.4	29.2	30.7	33.3	36.3	37.5	39.0	38.1	38.9	37.5	31.8	35.3	34.1	28.3	33.4	29.0	28.9	31.3	31.6	30.3	30.9	32.0	31.2	33.5	25.4	
055325	Tamworth Airport AWS	33.6		40.1	39.1	34.9	35.8	30.5	30.9	34.0	37.2	37.1	40.4	37.5	38.8	36.8	29.1	34.3	34.4	27.3	33.2	29.8	28.1	32.0	31.4	30.2	31.7	32.0	31.5	34.9	28.6	
056242	Inverell (Raglan St)	32.0		33.7	34.5	31.0	35.0	29.6	28.1	32.4	34.5	35.5	38.0	35.4	37.1	34.5	30.4	32.8	35.4	34.0	32.0	32.2	24.2	29.7	28.0	29.2	30.2	30.3	29.3	32.1	27.7	
057095	Tabulam (Muirne)	27.1		27.1	26.7	26.6	27.8	17.7	22.3	24.1	26.7	29.2	28.4	27.8	29.2	28.8	29.3	31.7	35.0	24.7	28.4	32.4	28.9	28.0	21.1	24.8	23.1	25.2	27.8	29.2	24.9	
058012	Yamba Pilot Station	28.2	+1.9	28.2	28.3	29.4	28.4	22.9	24.2	25.5	27.3	29.4	29.0	28.6	28.8	28.6	27.7	26.6	30.4	26.9	28.3	30.4	35.0	27.3	27.1	27.7	27.7	27.4	30.3	29.6	28.8	
058130	Grafton Olympic Pool	30.2		30.1	29.8	29.2	30.1	24.3	25.7	27.7	31.6	30.3	31.4	31.3	32.6		28.9	28.1	36.5	27.8	31.4	36.1	35.9	30.3	27.0		26.5	29.5	31.4	32.4	29.8	
058221	Lismore (Richmond Hill)	29.4		28.6	29.5	28.5	29.3	22.7	25.2	28.3	28.6	27.6	29.7	29.2	31.1	29.7	29.9	32.4	37.4	27.2	31.4	34.6	35.3	27.9	24.6	27.9	27.6	29.0	30.6	31.4	28.7	
059040	Coffs Harbour MO	26.8	+0.2	27.3	27.9	27.2	28.1	20.5	23.1	25.9	27.0	27.7	27.7	27.3	27.9	26.3	24.0	25.2	27.9	26.0	27.5	30.9	31.0	24.5	25.9	26.7	25.7	26.4	28.8	28.0	27.2	
060139	Port Macquarie Airport AWS	27.3		27.7	27.8	28.0	28.2	24.1	24.9	26.6	28.0	29.4	28.2	28.8	28.7	28.0	22.8	25.5	27.9	25.1	27.0	31.3	29.4	25.0	25.8	26.0	26.9	27.1	29.6	30.0	25.6	
061078	Williamtown RAAF	27.7	+0.2	29.9	29.3	30.6	29.3	25.6	24.0	26.9	30.9	33.6	27.4	27.1	28.6	30.1	25.0	25.6	26.1	26.5	26.1	31.0	27.4	25.2	25.7	24.7	26.4	28.2	34.6	27.1	23.2	
061363	Scone Airport AWS	31.3		37.1	35.9	34.6	33.1	26.3	28.7	32.6	36.8	38.3	35.1	35.8	35.6	35.9	23.9	27.4	27.2	26.2	30.5	30.9	30.8	28.6	28.4	24.9	26.7	29.6	30.0	34.6	29.1	21.9
062101	Mudgee Airport STAWS	30.7		37.5	37.1	35.1	32.3	26.8	29.4	34.1	37.0	37.2	38.1	38.1	37.2	32.8	25.2	30.1	22.8	24.4	30.3	24.1	25.3	27.8	28.5	26.1	29.3	30.1	30.1	32.3	20.4	
063005	Bathurst Agricultural Station	29.5	+2.5	37.8	37.3	35.4	27.7	25.7		33.2	36.5	36.2	38.3	38.4	35.6	35.7	32.8	25.2	25.5	24.3	25.5	29.4	23.7	21.2	25.2	27.5	24.0	28.2	28.9	28.4	17.8	
063254	Orange Agricultural Institute	27.5		35.5	35.5	33.1	28.0	24.9	27.3	30.8	33.7	33.1	35.5	34.5	33.4	31.0	23.0	24.5	21.5	25.2	26.5	21.0	18.9		25.0	22.5	25.5	25.8	25.5	26.9	15.4	
064008	Coonabarabran (Namoi Street)	32.1	+1.1	38.2	37.4	35.6	35.0	29.8	31.2	33.9	36.2	36.9	38.7	36.3	38.6	35.0	32.0	35.0	28.5	29.6	32.8	28.1	26.0	26.8	30.6	28.1	29.9	29.9	29.2	30.8	21.1	
065070	Dubbo Airport AWS	33.0		40.1	38.3	36.2	37.2	30.4	31.3	34.9	38.0	38.2	40.9	39.7	41.3	35.5	30.0	35.0	26.6	30.3	33.0	25.0	24.8	27.6	30.4	29.1	30.1	32.3	32.4	33.8	20.8	
066062	Sydney (Observatory Hill)	26.2	0.0	28.7	27.4	27.1	25.2	24.5	23.3	25.4	27.3	27.6	27.2	27.7	26.3	27.0	23.5	24.9	25.0	26.4	24.7	29.1	29.1	27.0	24.7	26.5	26.4	26.7	32.4	22.0	21.6	
067105	Richmond RAAF	29.1		34.1	33.0	34.6	27.7	24.5	26.3	32.8	36.1	37.3	30.3	30.1	30.7	32.2	27.9	25.6	24.2	24.0	26.9	26.4	30.6	28.8	27.7	26.8	30.0	30.9	34.6	22.9	19.1	
068072	Nowra RAN Air Station AWS	25.8		29.7	31.1	30.9	19.1	22.3	24.4	28.1	32.1	31.1	23.5	22.5	22.8	27.8	27.9	25.5	24.9	22.9	26.7	31.0	25.4	25.4	23.2	23.2	27.9	29.8	25.9	18.0	20.3	
068115	Jervis Bay (Point Perpendicular)	24.2		25.3	27.5	27.1	19.6	21.2	23.6	25.7	26.7	27.6	22.2	22.5	23.9	24.6	26.5	25.1	24.4	22.3	24.8	26.1	24.6	23.2	21.6	21.6	25.5	26.6	27.4	19.2	19.7	
068241	Albion Park (Wollongong Airport)	25.3		27.3	28.1	27.7	23.3	22.4	23.8	25.4	27.6	27.6	25.3	22.8	23.8	27.1	25.4	25.2	23.8	23.6	25.1	27.8	28.1	25.0	22.6	24.6	25.8	27.4	29.3	20.8	20.7	
069018	Moruya Heads Pilot Station	22.8	-1.0	24.8	23.3	22.1	20.9	22.2	22.4	21.7	22.3	22.2	23.5	21.1	21.0	22.9	23.0	24.0	22.9	23.2	23.0	24.4	24.9	23.2	22.0	22.9	23.8	24.0	23.2	23.6	21.1	
070351	Canberra Airport	29.4		38.8	39.3	39.3	22.2	21.6	30.2	34.1	36.9	38.8	40.9	39.7	41.3	35.5	30.0	35.0	26.6	30.3	33.0	25.0	24.8	27.6	30.4	29.1	30.1	32.3	32.4	33.8	20.8	
071041	Thredbo Village	22.8		29.5	31.5	30.5	17.5	19.8	24.4	25.1	27.6	29.2	28.3	26.5	27.5	24.8	20.5	20.5	16.4	22.0	21.5	22.0	12.6	18.5	21.7	23.3	24.2	22.5	18.0	17.5	14.7	
072150	Wagga Wagga AMO	33.0	+1.9	41.7	42.0	40.2	32.4	29.0	32.9	36.6	39.8	40.3	40.0	38.4	37.6	31.3	20.7	23.5	30.5	30.2	33.1	34.9	33.0	26.2	29.7	30.0	30.9	34.6	32.1	23.4		
072160	Albury Airport AWS	33.2		41.6	41.1	40.5	31.9	30.9	33.7	36.8	40.1	42.0	36.8	36.9	36.2	31.2	30.6	23.1	31.4	29.9	33.4	32.3	22.8	26.8	29.8	31.4	33.0	34.6	31.4	30.6	27.7	
0																																

Daily and mean minimum temperatures for February 2014

Western Australia	Mean Anom	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	
001013 Wyndham	25.0	24.0	24.5	25.4	26.1	26.3	24.2	24.1	24.9	25.7	25.4	25.4	26.6	26.2	24.8	26.5	25.1	27.2	23.5	25.0	24.9	25.0	24.2	21.3	23.7	26.7	23.7	24.8	25.4	
001019 Kalbarri	22.8	24.8	24.6	23.6	22.2	24.9	24.2	26.7	23.3	24.0	24.3	23.8	23.6	24.4	23.3	24.9	24.8	25.7	23.9	24.5	24.8	22.8	22.2	22.8	24.3	25.0	26.1	24.5	23.9	
002012 Halls Creek Airport	22.8	-0.9	22.8	23.8	24.6	24.6	21.5	21.8	24.0	23.7	22.4	24.2	23.2	24.2	24.0	24.1	22.8	25.6	24.1	22.3	20.5	20.8	24.2	20.2	20.1	22.2	21.1	23.2	22.3	
002056 Kununurra Aero	24.1	22.6	23.3	24.8	24.5	25.1	23.9	24.3	24.2	24.6	24.4	24.4	25.6	25.3	24.2	25.3	23.9	25.3	23.4	24.5	24.3	23.2	21.9	19.9	22.7	26.3	24.7	23.8	23.2	
003003 Broome Airport	26.2	+0.3	29.0	26.6	29.0	27.8	22.9	23.6	23.6	25.2	27.1	24.5	23.8	25.4	28.1	27.0	27.8	28.0	27.0	28.4	26.1	27.2	27.7	26.7	24.0	24.1	22.8	25.5	26.8	
003032 Derby Aero	25.6	27.6	26.6	27.7	24.0	25.2	25.2	24.8	27.5	24.9	24.8	24.4	25.6	25.7	26.4	26.3	27.0	24.8	27.0	26.0	25.6	25.6	24.0	24.9	23.5	24.1	22.8	24.9	26.4	24.8
004032 Port Hedland Airport	25.2	-0.2	26.6	26.2	28.4	27.4	27.9	27.3	27.2	28.2	27.1	28.5	27.7	26.5	26.1	23.7	23.8	23.9	25.7	25.7	23.3	23.3	24.7	23.7	22.5	20.9	21.4	22.2	22.9	23.6
004083 Karratha Aero	26.3	26.9	27.4	28.8	28.4	28.5	28.8	28.0	29.3	30.0	30.7	22.4	28.0	24.3	24.6	24.2	24.3	26.2	27.1	24.9	25.0	23.4	24.3	24.1	25.0	24.3	25.1	27.0	26.2	
004106 Marble Bar	24.6	25.9	27.1	26.8	26.1	27.6	27.8	27.3	27.3	25.4	28.0	23.6	26.5	26.2	23.7	24.1	24.8	26.6	21.3	24.4	21.5	23.6	23.1	20.9	20.4	21.1	22.3	22.5	24.0	
005007 Learmonth Airport	24.6	25.0	24.0	26.5	26.9	27.3	27.3	28.2	25.7	25.9	27.3	25.3	23.3	22.3	20.4	20.4	22.2	22.6	26.1	25.5	24.2	23.5	22.3	25.7	23.7	23.3	24.2	24.5	22.1	
006011 Carnarvon Airport	24.5	+1.1	24.8	24.2	25.2	27.7	26.7	27.5	26.6	24.0	24.4	25.6	23.1	23.5	19.8	19.8	24.1	21.1	24.6	26.0	26.2	24.1	23.2	21.7	26.8	25.9	25.7	25.4	22.9	24.4
006044 Denham	24.7	24.0	23.0	24.0	27.1	26.5	25.0	23.0	22.0	23.0	23.0	21.0	23.0	25.0	25.0	26.0	25.0	25.0	25.5	25.4	25.5	24.0	28.1	24.5	25.5	25.5	24.9	24.5	26.0	
007176 Newman Aero	23.4	25.5	23.3	26.4	25.5	25.3	26.3	25.3	24.3	27.3	26.4	23.5	21.7	23.6	23.7	24.5	24.8	25.3	21.2	24.8	18.5	21.0	22.4	20.0	19.1	20.0	19.0	24.3	21.5	
007185 Paraburdoo Aero	25.3	23.8	24.7	25.4	28.8	28.0	28.1	26.2	24.7	30.0	29.3	26.6	25.8	26.3	24.0	23.0	25.2	25.8	26.2	27.1	22.0	21.7	22.7	23.4	23.1	23.3	24.0	24.1	26.0	
007045 Meekatharra Airport	23.9	+0.2	22.5	24.8	22.6	24.7	25.7	26.2	28.2	27.1	30.0	26.2	24.9	23.4	21.8	22.0	23.2	26.0	24.8	25.0	24.8	24.0	21.7	22.1	22.4	22.2	23.0	23.3	22.8	21.8
007600 Mount Magnet Aero	24.0	25.7	22.1	19.5	21.7	25.0	27.1	26.3	26.8	23.8	26.7	26.4	24.8	23.1	22.5	23.4	27.3	24.5	27.3	25.2	22.2	23.3	22.5	23.6	22.7	21.4	23.4	22.2	22.2	
008296 Morawa Airport	22.5	19.3	18.6	20.9	24.3	24.6	26.0	23.2	18.9	20.7	23.7	20.6	24.1	23.5	23.1	22.6	22.6	22.7	27.4	27.4	25.1	23.2	21.0	19.6	21.2	19.9	18.9	22.4	22.9	
008297 Dalwallinu	19.6	18.6	17.5	16.8	20.5	23.0	22.7	19.4	16.4	16.0	21.3	18.7	20.0	22.0	20.0	21.3	20.5	20.5	20.7	22.0	22.2	23.5	20.1	16.7	19.0	18.3	14.8	18.3	18.7	
008315 Geraldton Airport	21.1	20.7	19.4	22.9	25.9	22.2	22.6	22.0	19.7	15.3	21.5	20.2	22.9	25.0	21.0	19.7	18.6	19.1	20.7	23.9	28.6	24.5	23.8	16.8	18.5	16.4	17.8	19.6	22.6	
009021 Perth Airport	18.2	+0.5	17.2	16.7	17.2	21.5	20.0	20.0	19.5	14.4	15.2	17.0	17.5	20.3	20.5	19.5	15.7	13.3	17.6	18.0	17.3	21.5	19.6	24.1	20.1	14.8	19.8	15.9	17.1	17.1
009131 Jurien Bay	18.8	15.6	17.0	19.0	21.5	19.5	17.5	16.0	15.0	19.5	19.0	21.0	21.5	18.4	17.0	16.0	18.0	18.0	21.5	20.0	24.0	22.5	18.5	23.5	16.5	17.0	16.0	19.5		
009225 Perth Metro	18.6	18.6	18.8	16.9	21.4	21.7	20.2	19.5	15.1	15.5	18.2	17.6	20.2	20.5	19.6	19.2	17.1	17.3	18.4	17.5	21.5	19.7	23.8	18.5	17.2	19.7	15.9	16.9	17.5	
009240 Bickley	16.1	16.3	14.7	13.8	17.3	21.9	17.1	15.8	11.2	11.6	17.6	14.6	16.9	17.1	15.7	16.8	17.4	16.3	14.2	13.4	17.2	15.7	20.8	18.6	19.4	16.5	12.3	13.0	16.5	
009518 Cape Leeuwin	17.8	+0.4	19.1	17.4	16.8	18.3	19.9	18.0	18.0	16.5	15.2	17.1	17.1	17.5	18.3	18.4	17.9	17.4	17.7	17.7	16.5	18.0	18.1	18.9	19.4	19.4	18.9	17.1	15.5	18.8
009617 Bridgetown	12.3	10.4	8.0	6.0	15.9	15.9	17.1	15.7	10.7	3.8	7.4	13.7	15.8	16.6	14.4	11.0	10.9	6.9	11.9	11.9	15.4	15.8	16.5	11.4	12.3	15.5	12.0	11.6	9.4	
009746 Witchcliffe	14.2	15.4	13.8	9.5	15.6	18.7	16.8	12.7	14.9	8.3	14.8	14.7	14.6	17.4	14.6	13.0	13.2	13.6	13.6	11.4	15.7	13.8	17.3	14.7	17.8	15.9	11.2	11.5	12.4	
009789 Esperance	16.6	19.2	18.5	16.4	16.4	17.3	19.0	17.9	16.1	15.2	16.9	19.4	17.7	19.1	17.6	12.8	19.4	18.1	18.3	15.0	12.2	16.0	14.8	16.1	17.0	15.8	16.9	10.3	15.2	
009965 Bunbury	15.5	13.2	13.3	12.7	18.8	18.8	19.9	16.1	9.4	12.7	13.4	14.3	17.2	19.0	15.6	14.9	14.5	13.1	15.5	15.0	18.5	18.0	20.1	13.1	16.5	16.9	13.8	15.2	14.8	
009977 Mandurah	19.2	19.0	17.2	16.9	21.5	22.2	20.4	19.2	15.2	15.4	18.2	17.5	20.1	20.8	19.8	20.0	18.3	18.0	17.7	18.0	21.2	19.8	23.0	21.5	22.5	19.8	16.3	17.2	20.5	
009999 Albany Airport	14.4	12.0	12.9	14.7	16.0	14.9	17.7	15.3	14.2	13.8	12.3	14.2	16.5	16.7	12.1	12.3	12.0	16.7	13.4	16.3	13.5	16.9	15.5	13.3	15.0	15.9	16.1	10.2	11.9	
010007 NBCumbin	18.6	+0.3	19.8	18.9	14.2	24.2	21.3	18.7	16.5	14.2	19.1	18.3	19.5	19.8	19.5	22.4	22.4	18.5	17.6	17.6	19.1	21.6	20.5	18.2	18.1	17.5	14.2	17.6	17.5	
010092 Merredin	18.1	+0.2	20.2	17.5	14.7	19.0	23.1	20.0	17.9	15.8	13.0	18.7	18.0	18.8	18.6	17.5	24.2	20.5	17.0	16.3	15.8	19.7	20.0	19.6	18.5	19.4	17.7	13.5	14.4	18.2
010286 Cunderdin Airfield	17.4	20.2	19.2	16.9	20.4	19.7	19.6	18.1	15.7	12.9	17.3	18.4	18.4	19.3	17.5	19.3	17.8	17.9	16.3	15.1	18.5	18.2	20.9	15.1	14.8	17.3	13.6	14.6	13.4	
010633 Ravensthorpe	14.9	+0.6	15.8	16.0	15.3	11.9	20.8	18.1	16.7	11.9	12.7	13.7	16.6	15.4	16.3	15.3	12.0	15.8	14.3	13.4	15.7	12.0	13.9	13.9	16.3	15.4	16.4	14.5	10.3	14.6
010911 Lake Grace	15.1	17.1	17.0	15.1	15.8	21.3	18.5	15.9	11.2	10.2	13.7	16.0	16.2	17.1	14.6	14.4	16.7	14.1	11.1	13.1	12.9	14.5	16.2	16.2	16.1	17.1	13.7	12.5	14.1	
010916 Katanning	13.1	13.7	13.7	12.6	14.2	15.2	17.9	14.7	10.2	7.6	11.9	13.2	15.4	16.2	13.2	12.8	13.2	10.9	10.8	11.8	13.1	14.2	14.4	14.2	16.5	15.9	14.4	13.2	10.2	11.0
010917 Wandering	16.9	15.2	12.9	17.1	15.8	18.3																								
011003 Eucla	17.3	+0.3	19.7	19.4	19.2	18.2	18.6	18.8	17.4	18.2	17.3	17.9	19.9	21.2	20.4	19.0	17.5	14.7	14.7	18.2	17.3	16.6	16.1	17.4	13.5	12.4	12.1	16.8	15.2	16.5
011052 Forrest	16.5	21.8	19.7	18.4	16.8	16.9	18.3	19.4	20.4	17.4	16.4	23.8	22.6	21.4	19.0	16.8	12.6	16.1	14.9	16.9	13.3	13.3	11.7</							

Daily and mean minimum temperatures for February 2014

State/Territory	Station	Mean Anom	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	
New South Wales	046037 Tibooburra Post Office	23.9	+2.1	25.6	26.3	29.5	25.8	28.7	27.0	23.4	27.0	26.3	27.1	28.8	28.1	30.3	28.5	26.3	19.1	18.5	18.5	21.3	16.8	16.5	16.6	18.6	22.2	25.2	21.9	21.5	22.4
	046043 Wilcannia (Reid St)	21.5	+1.9	23.7	23.4	25.5	23.7	23.9	22.1	22.4	24.6	26.9	23.6	24.7	25.3	28.4	24.1	27.7	19.2	15.8	15.8	18.3	13.4	14.4	14.7	15.3	21.3	22.7	22.7	19.7	20.4
	047007 Broken Hill (Patton Street)	19.6		28.2	28.3	29.4	18.2	18.2	22.4	23.2	26.5	28.2	20.1			31.4	24.1	21.8	16.3	13.3	15.7	16.8	10.6	11.1	11.5	13.3	16.8	18.9	16.4	14.7	13.4
	048027 Cobarr MO	21.7	+1.7	23.6	25.7	24.7	25.6	21.2	19.8	22.1	23.5	23.6	25.3	26.2	25.1	25.1	24.3	26.6	21.4	15.8	19.9	23.0	14.3	12.9	13.2	18.4	20.3	20.9	24.2	21.6	19.2
	048245 Bourke Airport AWS	22.5		21.3	22.8	22.6	23.3	26.1	23.2	20.5	20.4	22.5	26.2	25.8	22.4	25.8	30.0	29.7	25.7	18.9	20.3	23.1	18.1	15.8	17.3	19.4	20.4	20.9	24.2	22.5	20.2
	049000 Ivanhoe Aerodrome AWS	20.4		24.7	26.4	29.0	20.3	20.7	25.3	24.0	24.8	25.9	21.6	20.9	22.2	26.4	21.7	21.3	19.0	14.4	17.7	18.8	12.0	13.2	12.6	14.0	19.3	23.8	18.9	15.6	17.0
	050052 Condobolin Ag Research Stn	19.6	+1.8	21.9	22.4	24.8	25.8	19.0	17.4	18.8	19.7	23.2	20.4	26.0	17.5	24.2	24.3	21.5	22.0	14.4	19.5	21.9	12.6	10.5	11.0	16.0	17.1	19.4	22.1	17.5	18.5
	051039 Nyngan Airport	21.2	+2.0	22.5	26.1	25.5	24.8	19.6	18.5	19.0	19.7	21.4	23.7	26.0	23.8	25.5	26.0	27.5		17.0	19.8	23.0	16.0	13.0	15.2	18.0	17.0	18.0	23.0	21.5	20.0
	052088 Walgett Airport AWS	21.9		21.1	21.0	22.9	23.2	21.5	20.2	17.9	21.2	22.5	22.4	28.5	23.4	26.7	28.5	28.7	26.3	19.2	21.6	22.6	18.4	13.6	18.6	21.0	21.1	18.5	21.4	21.1	20.8
	053115 Moree Aero	20.7		18.1	18.6	18.0	19.6	20.0	19.6	18.2	19.8	20.2	23.6	21.4	22.3	22.2	25.4	26.0	27.8	20.0	21.0	23.0	22.3	16.4	16.7	20.4	17.0	19.0	20.4	21.8	20.5
	054038 Narrabri Airport AWS	20.2		17.7	19.4	21.2	22.2	17.7	17.3	14.4	21.2	20.8	20.9	22.0	23.2	22.6	24.7	25.6	26.0	19.0	19.8	23.3	21.3	14.5	17.3	17.9	15.3	18.0	21.8	20.0	19.5
	055024 Gunnedah Resource Centre	20.0	+1.5	19.7	23.3	19.1	21.1	16.6	15.9	17.6	19.7	21.4	22.8	21.7	21.6	22.8	21.6	22.3	25.5	18.5	19.7	21.7	19.4	15.5	17.8	16.8	16.9	18.2	19.7	20.9	20.9
	055235 Tamworth Airport AWS	17.6		14.6	16.8	15.7	14.5	15.9	13.3	14.3	14.9	16.6	18.5	19.9	18.0	21.2	20.9	21.5	23.0	18.0	18.5	20.7	21.9	14.3	18.5	15.7	14.1	17.2	15.7	18.4	20.8
	056242 Inverell (Raglan St)	15.7		10.0	12.1	11.2	12.8	14.4	12.6	9.8	11.7	13.1	14.4	13.0	14.4	16.2	20.6	20.6	23.4	19.5	19.6	20.0	20.0	18.5	18.9	16.1	10.5	13.0	16.6	15.7	20.1
	057095 Tabulam (Muirne)	16.8		15.6	15.2	15.9	15.2	16.0	15.1	14.4	14.5	14.3	17.0	16.3	15.9	16.7	17.9	18.9	21.3	19.2	18.3	19.0	20.8	20.9	17.1	16.6	14.7	15.3	15.4	16.8	15.9
	058012 Yamba Pilot Station	20.7	+0.4	18.6	19.1	21.7	19.1	19.7	17.8	18.3	18.2	19.1	21.1	19.9	20.0	21.4	22.9	21.9	23.1	21.5	22.0	22.5	23.8	23.6	20.9	20.5	19.3	19.9	20.5	20.7	21.9
	058130 Grafton Olympic Pool	19.9		15.8	17.3	18.2	17.1	19.9	18.4	17.9	17.3	16.6	21.4	18.0	18.2	20.5	22.2	21.6	23.1	22.4	22.4	22.9	24.1	24.5	20.1	20.5	19.3	18.8	18.2	19.7	21.0
	058221 Lismore (Richmond Hill)	18.9		17.8	16.7	17.3	16.6	17.4	16.0	17.0	16.1	17.1	16.9	16.5	18.2	21.0	21.4	21.5	24.3	22.4	21.5	21.1	24.6	23.4	19.5	18.0	17.9	17.5	16.8	16.7	18.3
	059040 Coffs Harbour MD	19.4	-0.1	16.4	17.5	17.0	17.3	17.7	16.6	17.7	16.2	18.0	21.3	17.7	18.2	21.6	20.6	20.5	22.5	19.5	21.3	23.8	24.2	22.3	19.1	19.0	17.8	19.4	18.6	21.3	19.3
	060139 Port Macquarie Airport AWS	18.1		15.8	15.1	13.8	16.6	17.4	16.5	17.8	12.6	15.6	16.4	18.6	16.6	19.6	20.1	20.3	21.7	19.4	19.7	21.4	22.5	21.3	18.2	18.4	17.1	19.5	17.8	17.8	18.6
	061078 Williamtown RAAF	17.8	-0.2	15.0	16.5	17.6	15.6	17.1	16.8	10.3	12.4	14.5	14.5	20.3	18.1	20.2	19.4	20.3	21.2	18.9	19.6	20.3	21.4	19.9	18.9	18.2	18.3	16.0	16.5	19.4	20.2
	061363 Scone Airport AWS	16.7		14.5	16.1	13.2	15.2	16.1	15.5	10.0	11.9	12.4	15.8	19.8	19.6	19.8	19.6	20.4	21.0	17.5	17.7	20.2	21.4	14.3	17.8	15.6	12.6	16.8	15.8	17.3	18.7
	062101 Mudgee Airport AWS	16.1		15.8	17.5	14.3	16.3	15.1	15.4	10.5	11.7	11.0	15.2	20.8	19.8	20.2	19.2	19.5	19.8	17.4	17.8	19.5	16.0	8.8	15.8	16.8	12.7	14.9	14.2	16.8	17.4
	063005 Bathurst Agricultural Station	13.5	+0.5	20.0	18.0	11.7	17.3	11.8	8.8		8.0	12.2	14.0	16.2	16.0	15.0		17.3		13.6	12.3	17.0	12.0	6.5	12.2	13.2	13.7	12.0	14.2	13.5	15.2
	063254 Orange Agricultural Institute	13.7		19.5	17.5	14.0	17.6	10.3	8.5	10.5	14.6	16.5	16.4	16.0	15.7	15.9	16.4	16.3	15.5	12.5	11.9		10.5	7.0	10.0	11.5	10.5	10.5	16.5	13.9	14.0
	064008 Coonabarabran (Namoi Street)	15.5	+0.2	13.9	16.5	13.8	17.0	15.0	13.4	10.0	10.0	13.3	14.0	17.8	15.7	18.1	20.2	21.7	21.0	16.8	16.7	19.7	17.3	12.9	14.8	14.5	11.4	12.4	13.0	15.3	18.1
	065070 Dubbo Airport AWS	18.4		20.2	21.5	19.5	20.1	17.2	15.9	15.4	17.9	18.4	18.1	21.3	20.6	21.4	20.3	21.0	22.0	17.3	18.9	20.8	15.1	10.7	15.1	16.5	15.7	18.2	18.4	18.7	18.5
	066062 Sydney (Observatory Hill)	19.9	+0.6	21.7	22.3	21.3	20.7	17.5	17.1	15.5	19.4	20.6	20.6	20.1	22.1	21.5	20.8	20.9	21.4	18.4	18.9	20.5	20.4	18.0	19.5	19.6	19.1	19.5	19.7	20.3	19.3
	067105 Richmond RAAF	17.7		20.7	19.2	17.2	18.5	15.9	16.5	10.3	13.9	13.5	18.8	19.0	20.3	20.0	19.5	20.6	20.9	18.4	17.2	19.9	17.6	15.3	17.4	18.1	18.0	15.5	16.6	19.0	17.1
	068072 Nowra RAN Air Station AWS	15.9		20.5	16.1	16.0	17.8	14.8	15.5	10.2	13.5	13.1	17.6	17.6	19.1	18.3	18.9	19.7	20.4	15.3	13.8	16.4	16.7	9.5	16.1	16.4	11.3	13.3	15.6	17.0	15.6
	068115 Jervis Bay (Point Perpendicular)	18.2		19.3	19.7	18.5	16.1	16.6	14.4	18.8	19.6	18.9	17.7	18.7	20.4	20.4	19.9	20.6	17.4	17.3	19.8	17.7	15.8	17.4	17.4	17.9	15.6	17.2	15.5	17.3	16.6
	068241 Albion Park (Wollongong Airport)	16.7		19.6	18.8	17.3	17.3	15.3	15.5	9.7	12.1	13.5	16.8	18.6	20.5	19.2	19.2	20.5	21.4	16.9	14.5	18.5	18.6	13.8	17.2	17.4	12.6	14.1	15.5	16.0	17.1
	069018 Moruya Heads Pilot Station	16.2	0.0	17.1	18.0	17.7	16.9	14.7	15.3	12.9	15.0	15.5	17.8	17.6	18.0	16.8	18.9	18.0	18.4	14.9	16.7	16.5	14.6	10.6	15.6	16.4	14.2	15.1	19.6	15.4	15.0
	070351 Canberra Airport	13.5		14.3	15.6	13.9	18.4	10.4	12.2	9.8	12.1	13.7	13.9	16.0	15.7	13.2	17.2	17.8	18.6	10.0	14.3	15.3	10.1	5.1	12.1	12.5	9.8	12.9	15.8	12.8	13.7
	071041 Thredbo Village	7.3		10.6	10.7	11.0	8.5	3.0	4.0	6.3	8.3	8.7	6.7	6.5	6.2	7.7	11.0	13.1	14.0	1.7	6.0	9.3	4.0	2.0	1.5	1.0	4.5	6.0	8.8	8.7	9.3
	072150 Wagga Wagga AMO	18.4	+2.1	24.9	23.7	23.5	24.8	16.0	15.7	15.1	19.4	23.0	20.0	19.1	20.7	21.2	22.8	19.3	19.8	14.0	18.4	19.3	10.9	9.4	10.8	16.7	15.6	17.7	20.1	15.1	17.7
	072160 Albury Airport AWS	16.7		23.2	20.7	20.5	21.0	16.7	16.6	16.7	18.4	18.8	18.6	13.9	17.0	21.8	21.3	19.2	20.0	13.0	15.3	18.1	11.6	8.4	10.6	13.1	14.5	14.8	17.5	10.8	16.4
	072161 Cabramurra SMHEA AWS	12.2		19.6	20.1	19.6	9.7	3.9	6.9	13.9	17.7	18.1	17.8	13.5	13.3	15.8	13.1	12.6	13.2	7.3	11.1	13.8	2.7	3							

Daily and total rainfall for February 2014

Western Australia	Total	Avg	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
001013 Wyndham	470.2	30.0	0.2	17.0	1.6	-	76.0	43.4	112.0	40.0	14.4	5.2	-	-	55.0	-	24.0	-	18.0	-	-	-	-	-	-	-	-	10.6	8.8	14.0
001019 Kalumburu	168.0	-	8.8	32.4	17.4	0.4	3.6	0.6	54.8	34.8	-	-	-	-	-	-	-	-	-	0.2	-	-	7.8	-	-	-	-	-	-	7.2
002012 Halls Creek Airport	254.2	122	22.2	2.4	3.4	0.4	63.8	35.0	1.2	1.8	70.2	19.2	1.4	-	-	6.6	2.0	0.4	11.0	-	-	-	-	-	-	-	13.2	-	-	-
002056 Kununurra Aero	597.2	11.4	7.6	10.4	-	-	73.2	128.8	163.8	26.0	17.2	20.0	6.8	1.0	-	38.6	0.2	54.4	0.2	-	-	-	-	-	-	-	-	-	3.6	34.0
003003 Broome Airport	171.2	164	-	0.4	-	1.4	35.2	13.4	8.0	-	0.8	36.8	65.2	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-
003032 Derby Aero	243.4	202	-	-	-	1.4	4.4	48.6	-	1.0	71.0	77.6	19.0	6.4	-	-	-	5.0	-	4.4	-	3.0	-	-	-	-	-	-	-	1.6
004032 Port Hedland Airport	16.2	100	-	-	-	-	-	-	-	-	0.4	-	12.8	-	-	-	-	-	3.0	-	-	-	-	-	-	-	-	-	-	-
004083 Karratha Aero	15.0	-	-	-	-	-	-	0.2	-	-	-	-	14.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
004106 Marble Bar	14.2	3.8	-	-	-	-	-	-	-	-	0.2	9.8	0.2	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-
005007 Learmonth Airport	1.6	38	-	-	0.2	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
006011 Carnarvon Airport	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
006044 Denham	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
007176 Newman Aero	18.2	-	1.8	-	-	-	-	-	-	-	-	-	16.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
007185 Paraburdoo Aero	11.6	1.0	9.6	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
007045 Meekatharra Airport	1.0	30	-	0.6	-	-	-	-	-	-	-	-	0.2	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-
007600 Mount Magnet Aero	65.8	0.8	6.0	58.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-
008296 Morawa Airport	3.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
008297 Dalwallinu	5.0	2.4	1.8	-	-	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
008315 Geraldton Airport	4.4	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-
009021 Perth Airport	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
009131 Jurien Bay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-
009225 Perth Metro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
009240 Bickley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
009518 Cape Leeuwin	0.2	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-
009617 Bridgetown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
009746 Witchcliffe	3.2	-	-	-	-	-	3.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
009789 Esperance	4.8	3.2	-	-	-	-	-	0.2	-	-	-	-	0.8	0.2	-	-	-	-	-	0.2	-	-	-	-	-	-	0.2	-	-	-
009965 Bunbury	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
009977 Mandurah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
009999 Albany Airport	22.0	0.8	-	-	-	-	11.6	6.2	0.8	-	-	-	1.6	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010007 Bencubbin	22.4	20	8.2	4.0	-	-	-	-	-	-	-	0.2	5.0	-	-	-	-	-	-	-	-	-	-	-	5.0	-	-	-	-	-
010092 Merredin	13.4	19	10.6	-	-	-	-	-	-	-	-	2.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010286 Cunderdin Airfield	1.2	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010633 Ravensthorpe	9.0	29	0.8	0.5	-	-	-	0.5	-	-	-	4.0	2.4	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010911 Lake Grace	18.4	11.2	-	-	-	-	5.8	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010916 Katanning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010917 Wandering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
011003 Eucla	37.0	18	-	-	-	-	-	0.2	-	-	-	-	26.6	5.2	2.2	1.8	-	-	-	-	-	-	-	-	-	-	-	0.8	0.2	-
011052 Forrest	10.6	-	-	-	-	-	-	-	-	-	-	-	8.6	-	0.6	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
012038 Kalgoorlie-Boulder Airport	1.8	22	-	0.2	-	-	-	-	0.2	-	-	0.2	-	0.8	»	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
012046 Leonora	52.2	32	-	-	-	-	-	-	-	-	-	-	12.4	39.6	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
012071 Salmon Gums Res.Stn.	26.6	19	0.6	7.2	5.8	-	-	0.2	-	-	0.8	10.6	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-
013011 Warburton Airfield	12.6	-	-	-	-	-	-	-	-	-	-	0.4	3.0	-	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
013012 Wiluna	41.8	32	-	-	-	-	-	-	-	-	-	26.2	11.0	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
013017 Giles Meteorological Office	41.2	44	-	-	-	1.6	-	-	-	-	-	-	3.8	-	6.4	25.2	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Northern Territory	Total	Avg	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
014015 Darwin Airport	369.0	343	61.8	3.8	22.4	8.0	14.4	14.8	6.8	2.8	-	8.8	-	-	30.8	0.6	2.0	2.2	106.4	49.0	0.2	9.6	-	-	-	1.2	-	1.0	9.2	13.2
014198 Jabiru Airport	395.0	57.2	8.2	35.6	15.8	24.0	20.4	2.6	17.6	-	0.4	1.6	1.8	6.6	19.0	11.6	0.2	20.8	67.6	59.2	3.4	9.6	0.6	-	-	-	-	6.4	4.8	
014932 Tindal RAAF	220.4	35.0	32.8	10.2	21.2	4.4	-	13.0	20.4	0.2	11.0	17.8	1.6	-	1.4	1.8	-	18.4	-	-	-	1.2	-	-	-	-	-	1.6	28.4	
014508 Gove Airport	219.2	7.2	32.0	1.4	12.2	11.6	13.6	8.6	1.2	-	58.8	18.0	-	15.4	-	1.0	-	5.0	10.6	2.8	-	19.6	-	-	-	-	-	-	0.2	
014723 Borroloola Airport	243.4	-	9.8	-	4.4	3.8	32.0	16.2	5.0	16.8	4.0	30.8	7.6	5.0	0.2	-	16.4	1.0	-	-	-	-	-	-	25.4	-	28.4	32.0	4.6	
014825 Victoria River Downs	218.0	173	-	-	1.8	22.0	14.2	4.4	48.0	17.4	3.6	3.2	2.2	29.4	22.8	-	2.0	0.2	1.6	21.8	-	-	-	-	-	-	-	3.0	12.8	7.6
015135 Tennant Creek Airport	201.3	-	-	-	9.1	35.4	-	-	-	0.2	-	-	4.0	14.2	1.2	-	22.8	1.8	-	-	-	-	-	-	-	7.8	78.8	22.0	2.0	2.0
015590 Alice Springs Airport	46.2	37	-	-	21.6																									

Daily and total rainfall for February 2014

New South Wales	Total	Avg	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
046037 Tibooburra Post Office	53.0	27	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	15.8	-	-	-	-	-	-	-	-	-	36.2	-	-
046043 Wilcannia (Reid St)	19.0	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.0	-	-	-	-	-	-	-	-	-	-	-	-
047007 Broken Hill (Patton Street)	22.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.0	8.0	-	-	-	-	-	-	-	-	-	-	-	-
048027 Cobar MO	73.8	38	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	68.0	2.6	-	-	-	-	-	-	-	-	-	-	0.8	1.0
048245 Bourke Airport AWS	59.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.8	-	3.2	0.4	-	-	-	-	-	-	-	-	25.4
049000 Ivanhoe Aerodrome AWS	26.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	13.0	8.4	-	-	-	-	-	-	-	-	-	3.2	-	-
050052 Condobolin Ag Research Stn	46.7	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	12.5	-	-	22.8	-	-	-	-	-	-	-	7.2	-
051039 Nynagan Airport	51.4	38	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	24.0	-	17.4	-	-	-	-	-	-	-	2.2	6.2
052088 Walgett Airport AWS	25.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	-	5.4	3.2	-	-	-	-	-	-	-	-	10.0
053115 Moree Aero	35.6	-	-	-	-	-	-	-	-	-	3.6	-	-	-	-	-	-	5.2	-	1.2	23.8	»	»	1.0	-	-	-	-	-	0.8
054038 Narrabri Airport AWS	37.6	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	12.2	1.4	0.4	19.4	-	-	-	-	-	-	-	-	3.0
055024 Gunnedah Resource Centre	42.4	64	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	0.6	17.4	-	1.6	22.4	-	-	-	-	-	-	-	-	-
055325 Tamworth Airport AWS	41.0	-	-	-	-	-	-	-	-	-	-	-	-	-	11.8	0.6	-	18.6	-	3.4	6.6	-	-	-	-	-	-	-	-	-
056242 Inverell (Raglan St)	23.8	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	-	-	3.0	-	0.8	12.4	4.6	-	-	-	-	-	-	-	-
057095 Tabulam (Muirie)	57.4	-	1.8	-	0.4	20.0	0.2	-	-	-	-	-	-	-	-	-	2.4	-	0.2	2.0	1.2	-	18.2	0.8	1.2	4.8	4.2	-	-	-
058012 Yamba Pilot Station	26.8	177	-	0.6	-	0.4	11.8	0.4	0.4	-	-	-	-	2.0	-	0.6	0.6	-	-	-	0.2	-	-	1.0	3.6	5.0	0.2	-	-	-
058130 Grafton Olympic Pool	32.1	-	-	-	2.6	0.3	-	-	-	-	-	-	-	-	0.6	2.6	1.8	20.0	-	-	0.6	-	1.6	0.8	0.4	0.8	-	-	-	-
058221 Lismore (Richmond Hill)	21.2	-	-	-	-	9.8	0.6	-	0.2	-	-	-	-	-	-	-	-	2.8	-	-	-	-	3.0	1.0	2.8	1.0	-	-	-	-
059040 Coffs Harbour MO	74.2	195	-	-	-	13.6	18.2	-	-	-	-	-	-	2.6	5.2	5.2	2.4	8.0	-	-	-	2.0	0.2	3.4	0.6	9.4	-	-	-	3.4
060138 Port Macquarie Airport AWS	102.0	-	-	-	-	18.2	2.0	-	-	-	-	-	-	11.2	2.6	9.0	31.0	6.2	-	1.2	18.0	0.2	-	0.8	1.6	-	-	-	-	-
061078 Williamtown RAAF	67.4	111	-	-	-	»	»	»	»	»	»	»	»	»	»	»	»	»	27.0	-	17.0	-	-	-	1.6	-	-	4.4	17.4	-
061363 Scone Airport AWS	65.4	-	-	-	-	-	-	-	-	-	-	-	-	-	10.4	7.0	-	27.4	-	-	20.4	0.2	-	-	-	-	-	-	-	-
062101 Mudgee Airport AWS	59.8	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	8.2	2.2	14.8	-	6.0	24.2	-	0.4	-	-	-	-	-	-	1.6
063005 Bathurst Agricultural Station	64.0	60	-	-	-	-	-	-	-	-	-	-	-	-	2.4	18.4	3.2	10.4	-	-	24.0	-	-	-	-	-	-	-	3.2	0.4
063254 Orange Agricultural Institute	96.2	72	-	-	0.6	-	-	-	-	-	-	-	-	-	1.2	11.0	40.0	2.2	-	-	28.4	-	-	-	-	-	0.4	5.0	7.4	-
064008 Coonabarabran (Namoi Street)	95.8	73	-	-	-	-	-	-	-	9.8	-	-	-	1.2	-	0.4	12.6	-	42.8	20.2	-	-	-	-	-	-	-	-	-	8.8
065070 Dubbo Airport AWS	50.8	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.2	5.8	11.0	-	-	28.6	-	-	-	-	-	-	-	-	4.8
066062 Sydney (Observatory Hill)	58.2	126	-	-	-	3.2	1.2	0.2	-	-	-	-	0.2	3.4	1.0	1.0	6.0	21.8	-	-	13.2	-	-	0.2	-	-	-	4.4	2.4	-
067105 Richmond RAAF	69.0	-	-	-	1.6	-	-	-	-	-	-	-	0.4	-	0.4	4.0	10.6	25.6	0.4	-	12.0	-	-	-	-	-	-	-	9.4	4.6
068072 Nowra RAN Air Station AWS	-	-	-	2.2	1.4	-	-	-	-	-	-	-	-	1.6	1.0	-	-	-	-	-	-	-	0.6	0.4	1.0	0.4	-	2.2	1.0	
068151 Jervis Bay (Point Perpendicular)	28.6	-	-	-	6.0	-	-	-	-	-	-	-	-	-	-	4.4	3.2	4.6	1.0	-	0.6	-	0.6	-	-	-	-	3.8	4.4	-
068241 Albion Park (Wollongong Airport)	51.0	-	-	-	0.6	0.2	-	-	-	-	-	-	-	5.2	0.2	-	5.4	6.6	23.0	0.8	-	4.6	-	1.8	0.4	-	-	-	1.6	0.6
069018 Moruya Heads Pilot Station	17.8	107	-	-	0.8	-	-	-	-	-	-	-	5.2	-	0.4	2.4	2.2	1.8	-	-	1.6	-	-	-	-	-	0.6	2.4	0.4	-
070351 Canberra Airport	83.6	0.6	-	-	1.2	-	-	-	-	-	-	-	-	-	0.2	7.8	19.6	20.4	-	-	33.2	-	-	-	-	-	-	0.4	0.2	-
071041 Thredbo Village	69.6	2.6	-	-	8.2	-	-	-	-	-	-	-	-	-	0.4	11.4	8.4	1.0	-	3.8	5.0	-	-	-	-	-	-	-	28.6	0.2
072150 Wagga Wagga AMO	42.2	34	-	-	0.4	-	-	-	-	-	-	-	-	-	-	16.2	12.8	-	-	-	-	-	-	-	-	-	-	-	-	12.8
072160 Albury Airport AWS	31.6	-	-	-	1.2	-	-	-	-	-	-	-	-	-	-	21.8	7.0	-	-	-	1.6	-	-	-	-	-	-	-	-	-
072161 Cabramurra SMHEA AWS	88.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.0	38.6	13.8	-	-	0.4	-	-	-	-	-	-	-	10.6	-
073054 Wyalong Post Office	24.2	30	-	-	0.8	-	-	-	-	-	-	-	-	-	-	0.2	10.0	10.8	-	-	-	-	-	-	-	-	-	0.8	1.6	-
074258 Deniliquin Airport AWS	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.6	0.6	-	-	-	-	-	-	-	-	-	-	3.2	-
075031 Hay (Miller Street)	36.8	28	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	33.8	-	-	-	-	-	-	-	-	-	-	-	2.8	-
Victoria	Total	Avg	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
076031 Mildura Airport	67.2	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.0	49.0	-	-	2.2	-	-	-	-	-	-	-	-	-
077008 Birchip (Woodlands)	4.2	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-
078015 Nhill Aerodrome	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	2.4	-	-	-	5.2	-	-	-	-	-	-	-	-	-
079082 Horsham	2.8	20	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.2	-	-	-	2.2	-	-	-	-	-	-	-	-	-
080023 Kerang	20.6	20	-	-	-	-	-	-	-	-	-	-	-	2.0	0.2	16.6	-	-	-	-	1.4	-	-	-	-	-	-	0.4	-	-
081123 Bendigo Airport	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	4.0	-	-	3.0	-	-	-	-	-	-	-	-	-
082039 Rutherglen Research	21.2	30	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	15.0	1.4	-	-	2.8	0.2	-	-	-	-	-	1.0	0.2	-
083085 Mount Hotham	58.6	-	-	-	1.2	-	0.2	-	-	-	-	-	-	-	-	15.8	4.4	12.2	-	0.2	20.8	0.2	-	-	-	-	-	2.6	1.0	-
084016 Gabo Island Lighthouse	6.6	58	-	-	1.8	0.2	-	-	-	-	-	-	-	-	-	0.2	-	3.4	0.2	-	-	-	-	-	-	-	-	-	0.8	-
084145 Orbst	10.4	-	-	-	0.6	0.2	-	-	-	-	-	-	-	-	-	0.2	1.6	-	-	-	5.2	-	-							