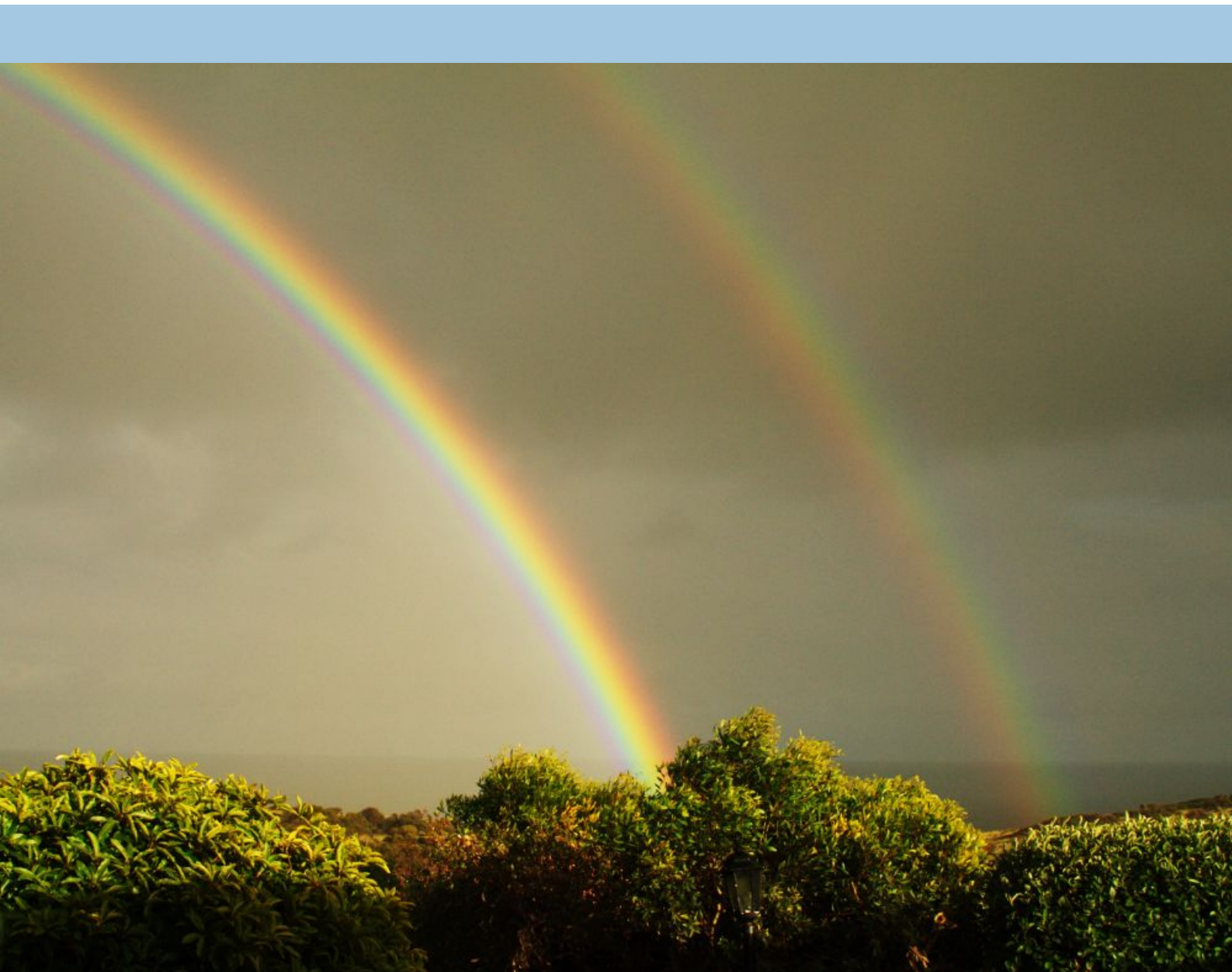




Australian Government
Bureau of Meteorology

Monthly Weather Review Australia November 2021



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:

Bureau of Meteorology
GPO Box 1289
Melbourne VIC 3001
Australia
media@bom.gov.au
www.bom.gov.au

Units of measurement

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

Observation times and periods

Each station in 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.

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/.

Copyright

© Commonwealth of Australia 2022

This work is copyright. Apart from any use as permitted under the Copyright Act 1968, no part may be reproduced without prior written permission from the Bureau of Meteorology. Requests and enquiries concerning reproduction and rights should be addressed to:

Publishing Unit, Bureau of Meteorology, GPO Box 1289, Melbourne VIC 3001

Product code IDCKGC14R1. Prepared on 2 February 2022

Cover photograph

Primary and secondary bows visible during a shower at Hallett Cove.

Photograph by Mark Anolak, 16 October 2009. Used with permission.

Overview

- Nationally November the wettest in 122 years of record, surpassing the record set in November 1973.
- Wettest November on record for New South Wales and South Australia, amongst the ten wettest for Queensland and Western Australia and the Northern Territory.
- Large areas of mainland Australia received very much above average November (decile 10) rainfall; flooding occurred in numerous rivers in New South Wales and Queensland.
- More details can be found in Special Climate Statement 75 - Australia's wettest November on record in 2021.
- Rainfall was below average for western Tasmania, far south-west Victoria and south-east South Australia, and south-west Western Australia.
- Mean maximum temperatures for November were warmer than average around the northern coastline of Australia, but cooler or very much cooler than average for most of the mainland.
- Mean minimum temperatures for November were warmer than average for the eastern seaboard of the mainland and for the Top End; cooler than average for the remainder of the Northern Territory, northern South Australia, and northern Western Australia away from the northern coastline.
- Overall, coolest November since 1999 for Australian national mean temperature.

Areal averages in November 2021

	Rainfall anomaly	Mean maximum temperature anomaly	Mean minimum temperature anomaly	Mean temperature anomaly
Australia	+124% highest	-1.22 °C	-0.06 °C	-0.63 °C
Western Australia	+92% 9th-highest	-0.83 °C	-0.89 °C	-0.85 °C
Northern Territory	+75%	-1.25 °C	-0.75 °C	-0.99 °C
South Australia	+288% highest	-2.41 °C 9th-lowest	-0.02 °C	-1.21 °C
Queensland	+136% 7th-highest	-0.77 °C	+1.08 °C	+0.16 °C
New South Wales	+195% highest	-2.05 °C 10th-lowest	+1.03 °C	-0.50 °C
Victoria	+50%	-1.01 °C	+0.50 °C	-0.25 °C
Tasmania	-24%	+0.30 °C	-0.57 °C	-0.12 °C

Extremes in November 2021

°C	Hottest day	Coldest night	Wettest day	Warmest overall	Coolest overall	Wettest overall	Strongest wind gust
Australia	44.2 °C at Rabbit Flat (NT) on the 21st	-6.5 °C at Thredbo AWS (NSW) on the 16th	340.8 mm at Samuel Hill Aero (Qld) on the 10th	33.3 °C at Wyndham Aero (WA)	5.1 °C at kunanyi (Mount Wellington Pinnacle) (Tas.) and Thredbo AWS (NSW)	627.0 mm at Samuel Hill Aero (Qld)	130 km/h at Wilsons Promontory Lighthouse (Vic.) on the 14th and Hogan Island (Tas.) on the 15th and Wilsons Promontory Lighthouse (Vic.) on the 15th
Western Australia	44.1 °C at Marble Bar on the 30th	-0.4 °C at Salmon Gums Res.Stn. on the 13th	85.4 mm at Paynes Find on the 10th	33.3 °C at Wyndham Aero	15.0 °C at Windy Harbour	132.6 mm at Giles Meteorological Office	91 km/h at Leonora Aero on the 17th
Northern Territory	44.2 °C at Rabbit Flat on the 21st	8.5 °C at Curtin Springs on the 13th	118.0 mm at Awillaway Fly Creek on the 26th	32.2 °C at Ngukurr Airport	22.9 °C at Alice Springs Airport	261.2 mm at Awillaway Fly Creek	113 km/h at Territory Grape Farm on the 8th
South Australia	41.8 °C at Moomba Airport on the 20th	1.6 °C at Keith (Munkora) on the 9th	72.0 mm at Marree (Callanna) on the 11th	25.5 °C at Moomba Airport	12.9 °C at Mount Lofty	168.2 mm at Jamestown	119 km/h at Sellicks Hill (Mount Terrible Radar) on the 30th
Queensland	43.6 °C at Julia Creek Airport on the 21st	5.2 °C at Stanthorpe Leslie Parade on the 16th	340.8 mm at Samuel Hill Aero on the 10th	31.9 °C at Kowanyama Airport	17.4 °C at Applethorpe	627.0 mm at Samuel Hill Aero	102 km/h at Rockhampton Aero on the 22nd
New South Wales	40.3 °C at Wanaaring (Borrana Downs AWS) on the 19th	-6.5 °C at Thredbo AWS on the 16th	150.0 mm at Blackville (Krui Vale) on the 26th	24.3 °C at Tibooburra Airport	5.1 °C at Thredbo AWS	450.8 mm at Yarras (Mount Seaview)	111 km/h at Thredbo AWS on the 14th
Victoria	35.2 °C at Ouyen (Post Office) on the 30th	-4.6 °C at Falls Creek on the 16th	122.4 mm at Mount Moornapa on the 13th	19.4 °C at Mildura Airport	6.8 °C at Falls Creek and Mount Baw Baw	280.6 mm at Mount Moornapa	130 km/h at Wilsons Promontory Lighthouse on the 14th and 15th
Tasmania	29.9 °C at Scotts Peak Dam on the 30th	-5.8 °C at kunanyi (Mount Wellington Pinnacle) on the 15th	73.0 mm at Mount Barrow (South Barrow) on the 26th	14.9 °C at Launceston (Ti Tree Bend)	5.1 °C at kunanyi (Mount Wellington Pinnacle)	209.2 mm at Mount Barrow (South Barrow)	130 km/h at Hogan Island on the 15th

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, *Coolest overall* is the lowest mean monthly temperature and *Wettest overall* is the highest total monthly precipitation.

Flooding in Queensland and New South Wales

The heavy rainfall in November resulted in widespread flooding. The most significant flooding was in the rivers of the Murray-Darling Basin, particularly from the Lachlan northwards, but there was also flooding in a number of catchments which drain to the east coast.

Major flooding was observed in November and early December at locations in catchments including the Macintyre-Weir, Condamine-Balonne, Barwon, Namoi, Macquarie, Lachlan, Dawson, Logan-Albert and Hunter. Many of these catchments were already wet at the start of November before the November rains occurred.

More details can be found in Special Climate Statement 75 - Australia's wettest November on record in 2021.

Tropical cyclone Paddy

A tropical low intensified to a tropical cyclone and was named Paddy to the south-east of Christmas Island in the morning local time on 22 November.

Paddy was the first tropical cyclone of the 2021-2022 season in the Australian Region. It is typical for the first tropical cyclone of the season to form just in mid-to late November in La Niña years.

Paddy soon downgraded to a tropical low in the morning on the 24th, and the remnant dissipated on the 27th. Paddy and its remnant moved predominately in south-westerly and westerly directions, and had not directly impacted on Australian's mainland or territories.

Paddy produced a period of moderate to heavy falls at Christmas Island between the 17th and 21st with a 5-day rainfall total of 251.2 mm, which was more than 80 mm above its November average.

New South Wales

Heavy rains and floods

Troughs crossing New South Wales brought heavy rain on several occasions in November. This caused flooding on several inland rivers and many water storages were at full capacity.

Daily totals of 25 to 50 mm were recorded across the Central and Southern Tablelands in the 24 hours to 9 am on the 12th, with totals up to 70 mm around Orange and Bathurst. This resulted in moderate to major flooding along the Lower Lachlan River, particularly affecting Forbes.

40 to 70 mm fell across the Northern Tablelands in the 24 hours to 9 am on the 21st, with the highest totals reported around Inverell. Totals of more than 50 mm in the 24 hours to 9 am on the 22nd were recorded further south around Gunnedah and Coonabarabran, and up to 100 mm in the Dividing Range, resulting in major flooding along the Namoi River at Gunnedah. Most inland areas west of the Dividing Range had daily totals of over 25 mm in the 24 hours to 9 am on the 25th or 26th.

Over 100 mm was recorded across the Upper Hunter, west of Scone, in the 24 hours to 9 am on the 26th, with major flood levels forecast for the Hunter River at Singleton. The highest daily total for November was 150.0 mm on the 26th at Blackville (Krui Vale) in the Upper Hunter, the highest daily November total there in 137 years of site data. The November rain follows above average rainfall already in 2021, including that during the March floods.

This has saturated soils and filled catchments across the state, increasing the risk of further flash flooding and riverine flooding.

Sydney

Coastal lows

A significant amount of the monthly rainfall as well as the coolest temperatures were associated with coastal lows and low-pressure troughs encountered on the 5th, the 11th and 12th, the 21st and 22nd; and the 26th and 27th.

On the 12th, a complex inland low passed over the coast and intensified, bringing widespread rainfall totals of 20 to 40 mm to Greater Sydney.

ACT

A cold outbreak in the middle of the month saw Canberra Airport with three consecutive days, between the 13th and 15th, of maximum temperatures of 14 °C or below, the first time this has occurred in November.

Victoria

Thunderstorms, floods, hail and snow Heavy rainfall/thunderstorm on the 3rd caused flash flooding in St Arnaud, forcing residents to leave their houses.

Thunderstorms brought heavy rainfall and small hail to Melbourne's south-eastern suburbs on the 6th.

Flash flooding was reported in a number of suburbs in south-east Melbourne on the evening of the 6th; the State Emergency Service received more than 300

calls for help, mostly related to flash flooding, roof damage and vehicles trapped in flood water.

3 to 4 cm hail was reported at Nagambie (north of Melbourne) on the 6th, associated with a severe thunderstorm.

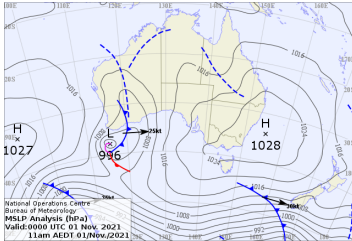
A low pressure system brought heavy rain across Melbourne on the 13th, and resulted in flooding in Melbourne's south-west that left drivers stranded along Kororoit Creek Road in Williamstown North.

Snow on the Victorian Alps was recorded on the 14th following the passage of a strong cold front.

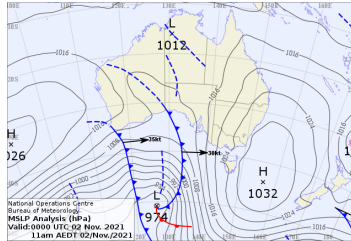
Strong and gusty winds were observed both ahead of and behind the cold front that crossed Victoria on the 14th; the State Emergency Service responded to more than 300 calls, mostly for fallen trees, and hundred of homes were left without power. The strongest wind gust in the state this month, 130 km/h, was recorded at the Wilsons Promontory Lighthouse on both the 14th and 15th.

Synoptic analyses and summary

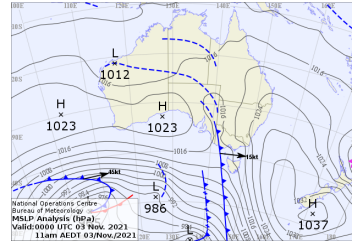
1 November 2021



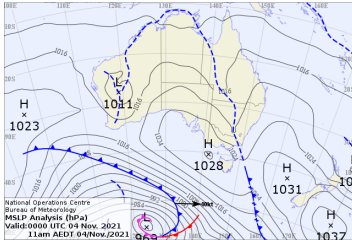
2 November 2021



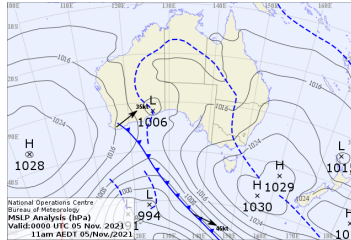
3 November 2021



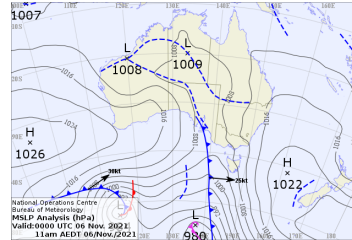
4 November 2021



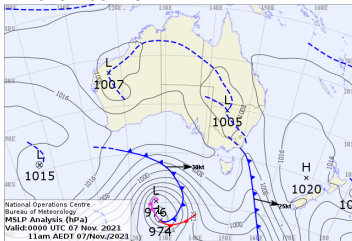
5 November 2021



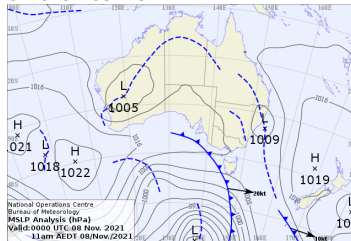
6 November 2021



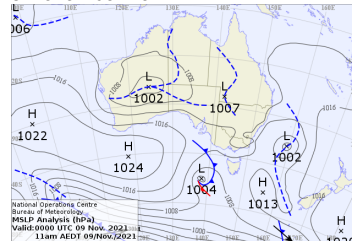
7 November 2021



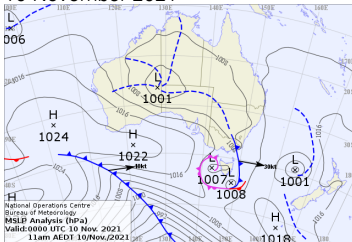
8 November 2021



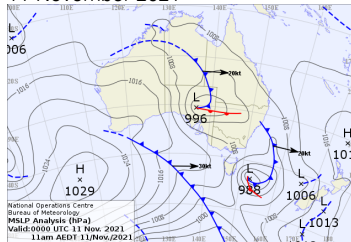
9 November 2021



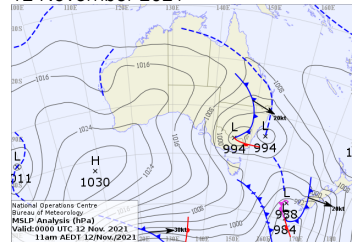
10 November 2021



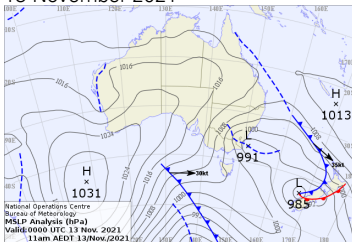
11 November 2021



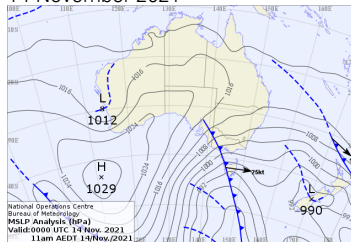
12 November 2021



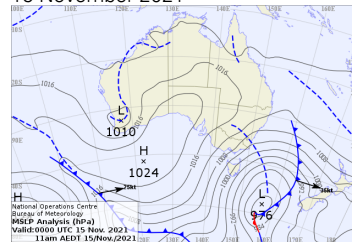
13 November 2021



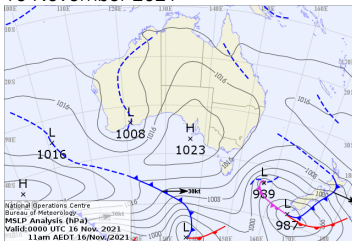
14 November 2021



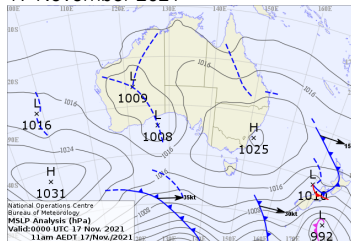
15 November 2021



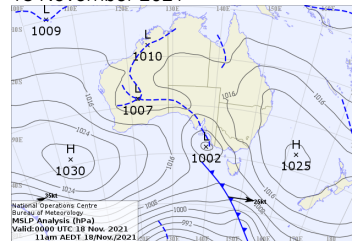
16 November 2021



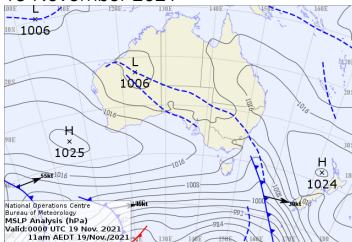
17 November 2021



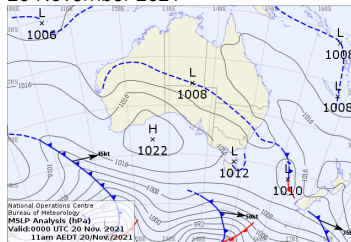
18 November 2021



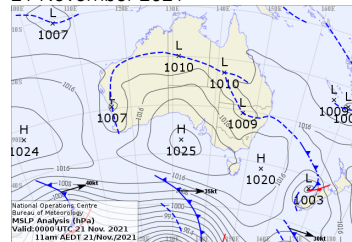
19 November 2021

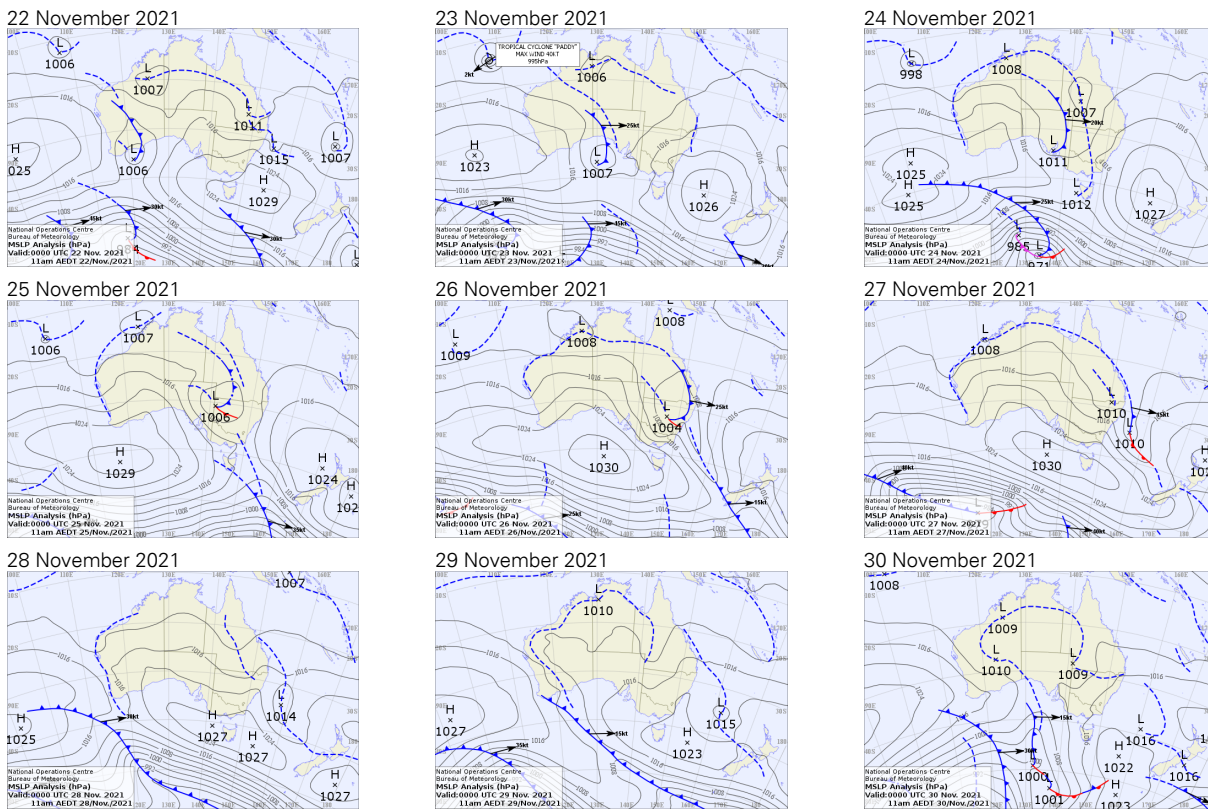


20 November 2021



21 November 2021





Synoptic summary

At the start of the month, a high pressure system was located in south-eastern Australia and the Tasman Sea, with a high pressure ridge extending north along the Queensland east coast.

A cold front tracked across southern Western Australia, with troughs over central and northern Australia. A trough extended across South Australia, with an embedded low pressure system over the inland south as the cold front and the pre-frontal trough crossed south-east and eastern Australia on the 3rd and 4th.

Another weak cold front tracked across south-east Australia on the 7th, with troughs extending across most of Australia. A low pressure system was located in the interior of Western Australia on the 7th, while two separate low pressure systems were located over the east: one in southern inland Queensland and the other over central New South Wales, embedded on surface troughs.

The low in the west deepened and moved east across South Australia on the 10th and the 11th. The low moved over New South Wales and northern Victoria, and the associated cold fronts and troughs moved across central and south-east Australia, and southern Queensland on the 12th. The low finally moved out to sea off far southern New South Wales

on the 13th. A strong cold front and southerly airstream tracked over the south-east the next day.

A high pressure system formed in the Australian Bight with a ridge extending to central Australia, while a trough extended through inland Queensland.

Low pressure troughs developed on the 18th and 20th, and extended from Western Australia through South Australia and New South Wales. A low developed over the southern inland of Queensland on the 21st, with another low pressure centre just off the northern New South Wales coast.

A tropical low pressure system off the north-west coast of Western Australia deepened and was named tropical cyclone Paddy on the 22nd, with a cloudband extended from Paddy to north-west, central and southern Australia. A cold front moved across the south-west of Western Australia then South Australia, with a weak low pressure system and cold front forming in the Yorke Peninsula on the 24th.

The low moved north-east through New South Wales on the 25th and the 26th, then the associated cold front and troughs moved across central and eastern Australia, and finally off the Queensland east coast on the 27th.

A deep, near-stationary surface trough sat over inland Queensland for the last two days of the month.

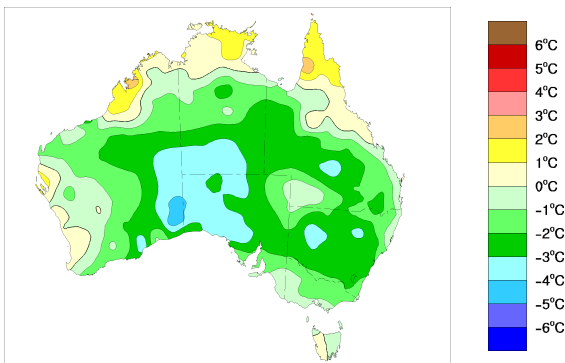
Temperatures

The national mean temperature for November was 0.64 °C cooler than the 1961–1990 average for Australia as a whole, and the coolest November since 1999. The mean maximum temperature for November was 1.21 °C cooler than average and the mean minimum temperature was 0.09 °C cooler than average.

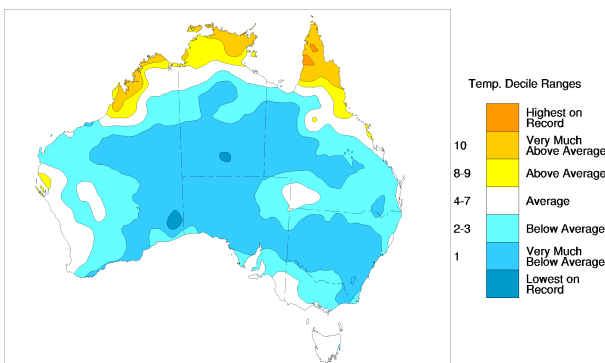
Maximum temperatures

Mean maximum temperatures for November were warmer than average around the northern coastline of Australia, but cooler or very much cooler than average for most of the mainland.

Anomalies of mean daily maximum temperature in November 2021



Decile rank of mean daily maximum temperature in November 2021



The November mean maximum temperature was the ninth-lowest on record for South Australia, and the tenth-lowest on record for New South Wales.

Mean maximum temperatures for November were close to average for Tasmania, the south-east of South Australia and south-west Victoria, and the west coast of Western Australia.

The mean maximum temperature for the month was the highest on record for November for some stations around the northern coast and surrounding islands,

particularly around the Top End, though mostly at stations with less than 30 years of observations.

It was the equal second-highest on record at Darwin Airport, behind 2020 and equalled with 2015.

A cool period from the 9th saw daytime temperatures more than 10 degrees lower than average covering broad areas, initially in south-west Western Australia, spreading eastward to cover most of Central Australia and the western half of the mainland eastern states by the 12th.

While anomalies became less extreme, the cool period persisted in the south-eastern mainland through the 16th. Both daytime and night-time temperatures approached record lows for November during this event.

Several centimetres of snow fell across the Victorian Alps and down to 200 m in southern Tasmania on the 15th. A daily maximum temperature of 2.1 °C was observed at Kunyuni (Mount Wellington Pinnacle) for the 24 hours from 9 am on 15 November, a record low daily maximum temperature for Tasmania in November, and also the lowest maximum temperature in Tasmania for three years since August 2018.

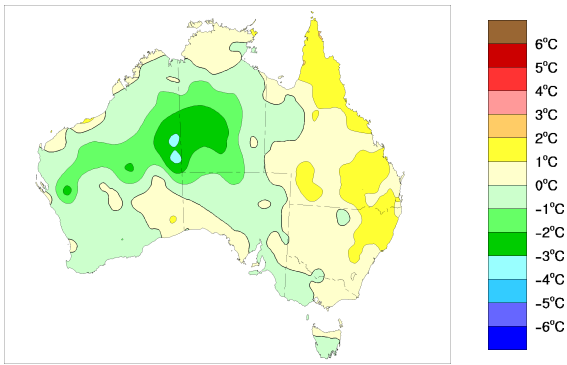
Heatwave conditions affected parts of the coast of the Top End between the 16th and 19th, with daytime temperatures approaching records.

Heat built along the west coast and also in the Kimberley late in the month, with daytime temperatures above 40 °C around Broome on the 24th. Daytime temperatures were 8 to 12 degrees warmer than average along parts of the west coast Western Australia between the 24th and 28th before the heat moved to southern Australia at the end of the month.

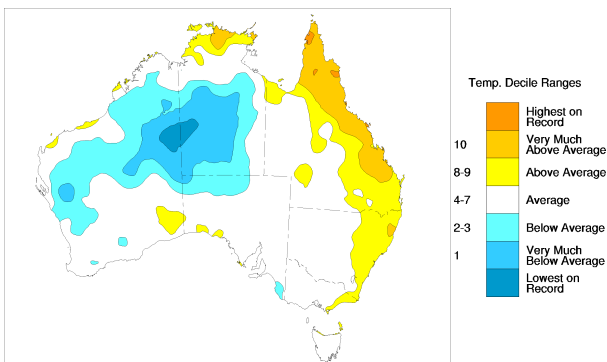
Minimum temperatures

Mean minimum temperatures for November were warmer than average for the eastern seaboard of the mainland and for the Top End.

Anomalies of mean daily minimum temperature in November 2021



Decile rank of mean daily minimum temperature in November 2021



Mean minimum temperatures for November were cooler than average for central and southern parts of the Northern Territory, northern South Australia, and most of the northern half of Western Australia away from the northern coastline, extending to the Gascoyne.

Elsewhere, overnight temperatures were mostly close to average.

The start of the month saw cooler than normal nights in the central Northern Territory and the inland west of Western Australia, while warmer than normal nights were observed in southern South Australia and the south-east Australia.

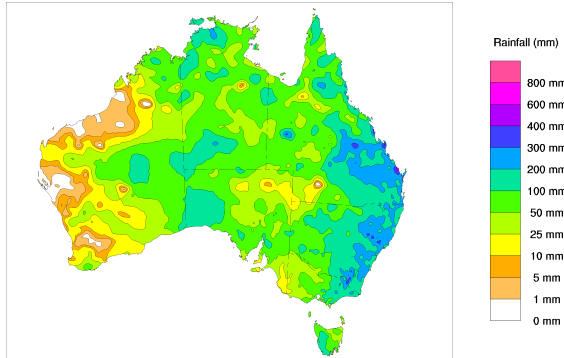
Minimum temperatures were 6 to 10 degrees below average for much of Western Australia on the 11th and the cool anomalies expanded to the Northern Territory, South Australia and eastern Australia to the 17th.

For the remainder of month, overnight temperatures were generally less extreme, with the exceptions of very warm nights in central Australia on the 20th, and in the south-east Australia on the 24th and 25th.

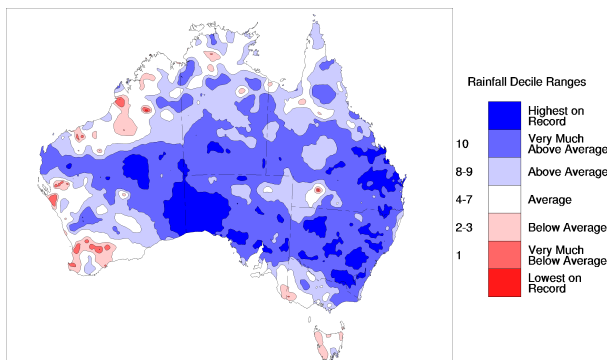
Rainfall

November rainfall was 135% above average for Australia as a whole, making it the wettest November on record, surpassing the previous record set in November 1973.

Total rainfall in November 2021



Decile rank of total rainfall in November 2021



Rainfall was above or very much above average for most of mainland Australia. It was the wettest November on record for New South Wales and South Australia, amongst the ten wettest for Queensland, the Northern Territory and Western Australia. Large areas of South Australia and adjacent border areas of Western Australia and the south-west Northern Territory, and areas of eastern to central New South Wales and eastern Queensland had their wettest November on record.

Numerous sites in New South Wales, Queensland, and South Australia had record high November total rainfall, including Bathurst, Narrabri, Wagga Wagga, Orange, and Gunnedah in New South Wales, and Maryborough, Byfield, Bundaberg, and Applethorpe in Queensland.

Rainfall was below average for western Tasmania, far south-west Victoria and south-east South Australia, and parts of the south-west Western Australia.

Thunderstorms were a frequent occurrence across the south-east and Queensland during the month, as were periods of heavy rainfall; both contributing to areas of flash flooding and riverine flooding.

At the start of the month, showers and thunderstorms brought moderate falls to areas of the Northern Territory, Central Australia, and inland Queensland.

Moderate falls were reported over South Australia on the 3rd, and then south-east Australia on the 4th and 5th. At St Arnaud, in Victoria's Wimmera, a storm cell dumped two month's average rainfall in just a couple of hours on the 4th, resulting in significant flooding and evacuations. Heavy rain and hail resulted in damaged crops and flooding in South Australia's Riverland on the 6th, while storms in Melbourne brought heavy rainfall to northern and eastern suburbs, and caused flash flooding in some south-eastern suburbs.

Thunderstorms developed across the Kimberley from the 5th, with storms extending into the Top End of the Northern Territory. Thunderstorms and showers stretched from the Interior of Western Australia, through Central Australia from the 7th, with widespread moderate falls over much of central to south-east Queensland and eastern New South Wales on the 8th.

Between the 8th and the 13th, most of the continent, except for parts of Western Australia, received substantial rain from a low or associated cold front and troughs.

Deep tropical moisture was drawn into central and eastern Australia, with widespread falls over the 11th and 12th across the Northern Territory, South Australia, Queensland (excluding the Cape York Peninsula), New South Wales, eastern Victoria, and southern Tasmania.

On the 9th, storms brought record-high November daily rainfall totals to a few locations in Central Queensland. Locally heavy daily falls in excess of 150 mm were recorded in the Capricornia District, including a November daily record of 340.8 mm at Samuel Hill AWS on the 10th. Alice Springs Airport, in the southern Northern Territory, recorded its wettest November day on record with the Todd River bursting its banks.

The heaviest falls were in southern Queensland, eastern New South Wales and eastern Victoria, the southern Northern Territory, and the northern Eyre Peninsula and Mid-North of South Australia. In these areas, totals for the week ending 13 November were generally over 50 mm, exceeding 100 mm in places. Flooding occurred across large areas of inland New South Wales and large areas of Queensland from the 11th.

Only a brief period in mid-month, from the 14th to the 18th, was largely free of widespread rain over the continent, except for the north tropical coast of Queensland, and parts of the state's east coast. Moist onshore flow produced locally heavy falls around Townsville early on the 16th, with more than 90 mm in one hour at Alva Beach, and 181 mm to 9 am on the 16th.

From the 19th, moderate falls occurred in the south-east of Western Australia, and southern South Australia, in the northern half of New South Wales, and south-eastern Queensland.

A tropical low pressure system off the north-west coast of Western Australia deepened and was named

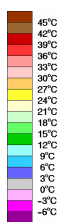
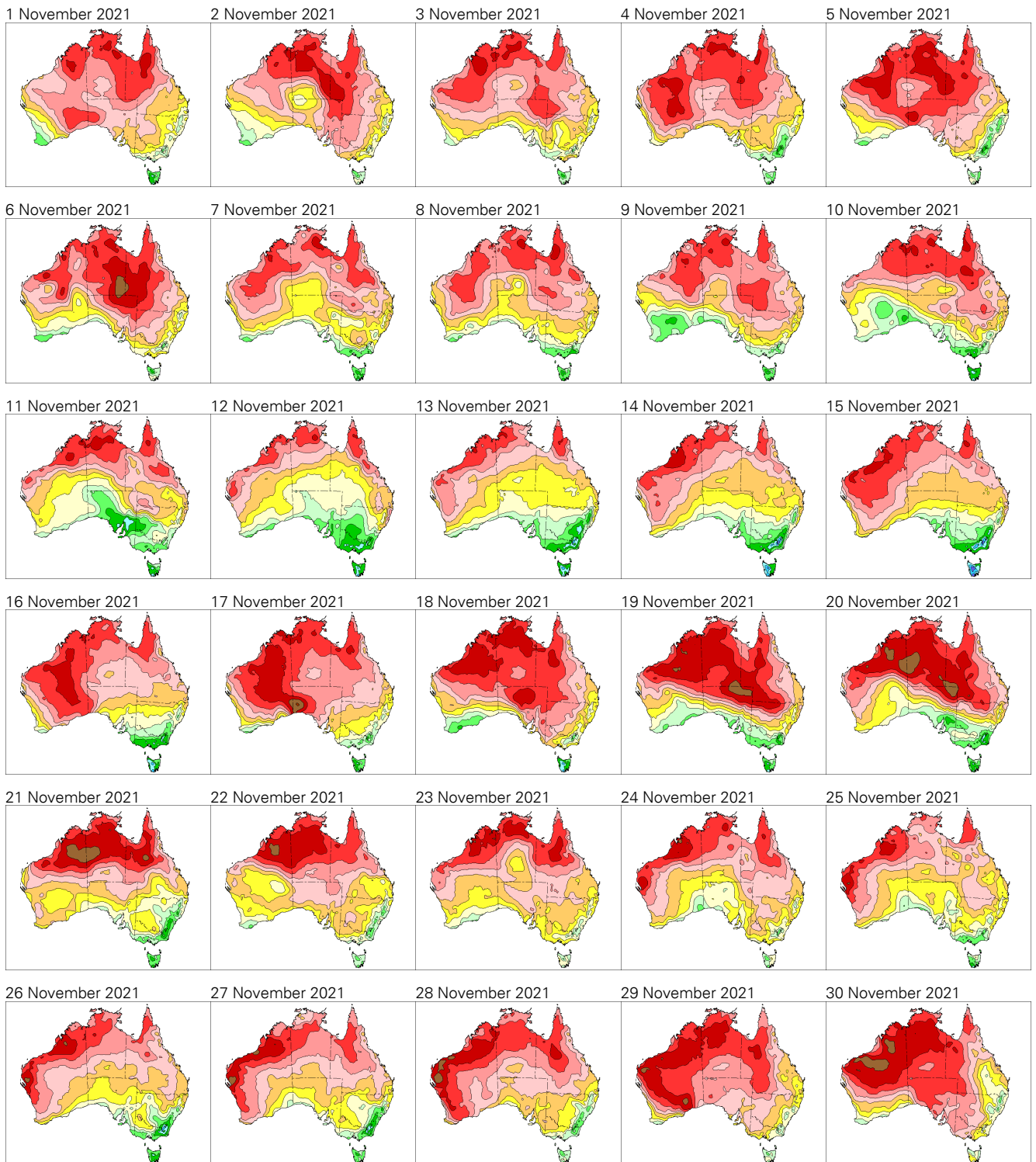
tropical cyclone Paddy on the 22nd, and a cloudband extended from Paddy and brought moderate falls to the north-west and central Western Australia.

Moderate falls were recorded in South Australia on the 24th, and then much of eastern Australia on the 25th and 26th. Widespread moderate rainfall was recorded across most of New South Wales, much of Victoria, central and eastern Queensland.

Rainfall contracted to eastern Queensland on the 29th, although moderate to localised heavy falls were recorded in central and inland southern parts of Queensland on the last day.

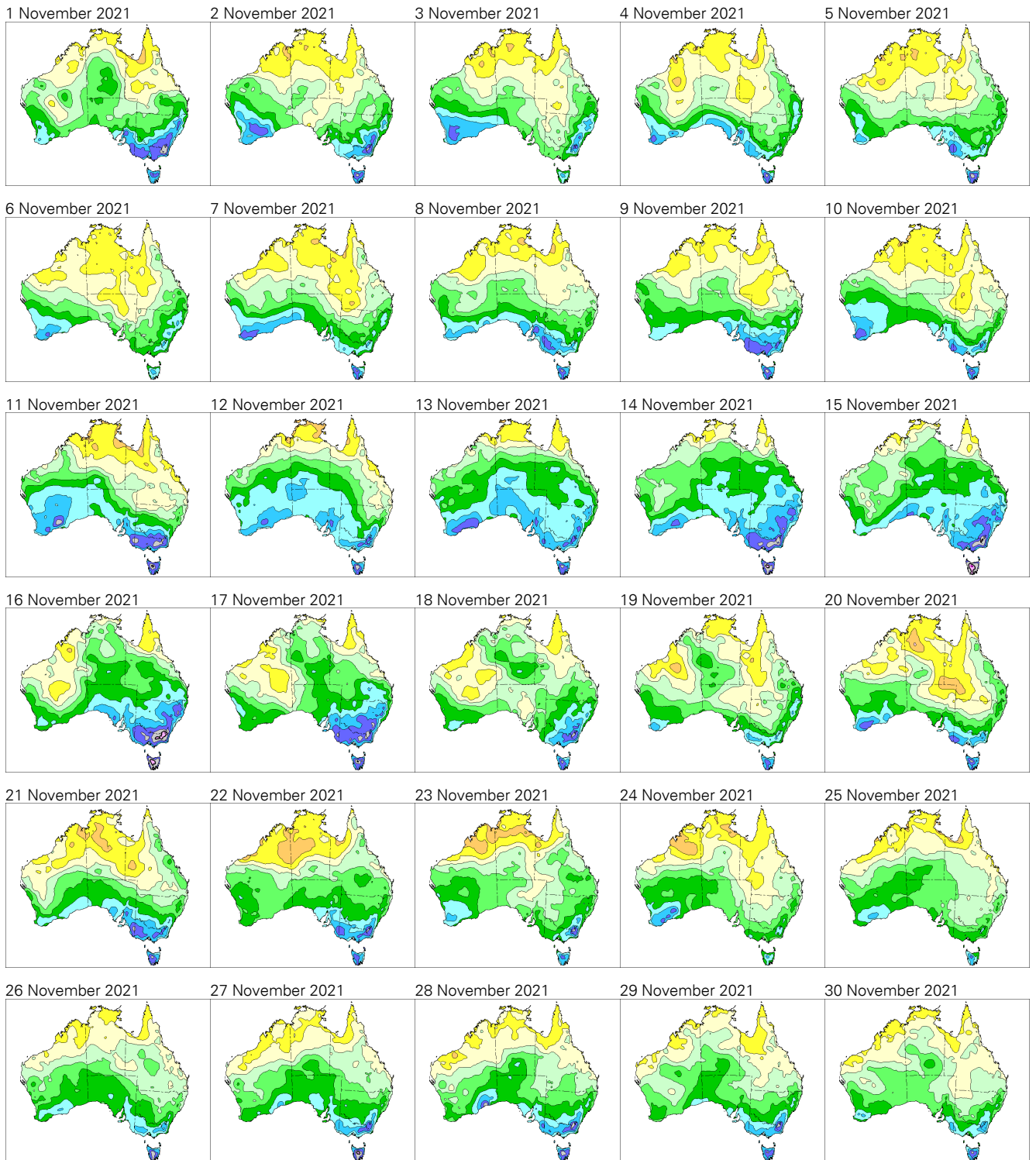
Daily maps

Daily maximum temperature maps



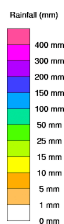
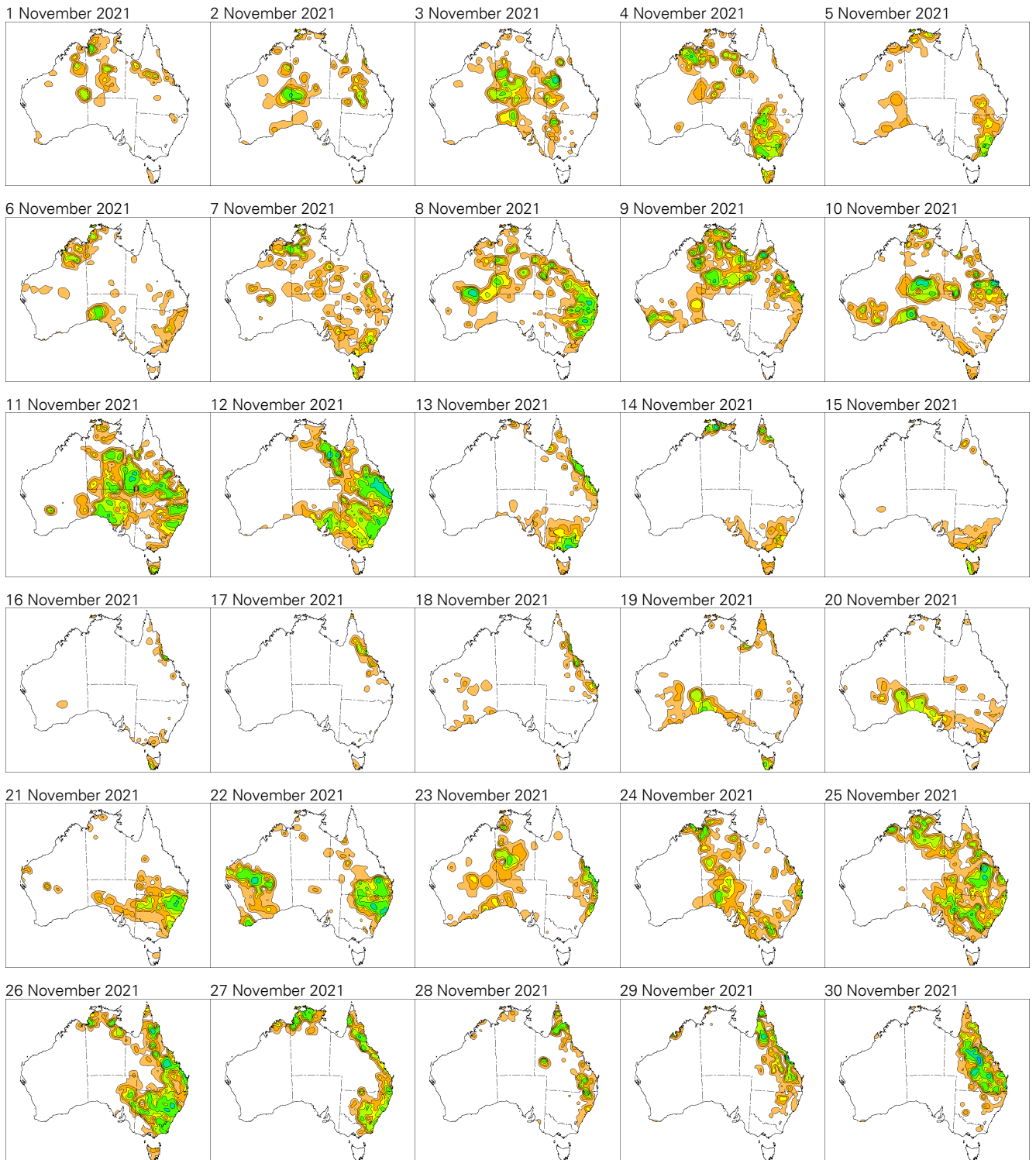
These maps are intended to give an overview of daily maximum temperature across the country. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated. A wide range of maps of rainfall, temperature and other variables,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

Daily minimum temperature maps



These maps are intended to give an overview of daily minimum 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 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 November mean maximum temperature				
		New record	Old record	Years of record
Western Australia				
001007	Troughton Island	34.2	33.9 in 2016	42
Queensland				
200283	Willis Island	31.4	31.2 in 1971	93

Record lowest November daily maximum temperature				
		New record	Old record	Years of record
Western Australia				
012038	Kalgoorlie-Boulder Airport	13.5 on 9th	13.9 on 1st in 1939	81
South Australia				
016001	Woomera Aerodrome	13.1 on 11th	14.5 on 15th in 1999	73
017110	Leigh Creek Airport	18.0 on 12th	18.1 on 6th in 1989	38
018040	Kimba	12.0 on 11th	14.0 on 2nd in 1976	55
018044	Kyancutta	13.0 on 11th	13.9 on 16th in 1961	92
018079	Streaky Bay	13.7 on 11th	15.8 on 2nd in 1976	64
018120	Whyalla Aero	12.8 on 11th	16.8 on 6th in 1989	37
019017	Hawker	11.1 on 11th	14.9 on 15th in 1999	49
019062	Yongala	8.4 on 11th	11.8 on 24th in 1971	64
022018	Warooka	14.0 on 11th	14.2 on 2nd in 1994	57
023013	Parafield Airport	13.8 on 11th	13.9 on 6th in 1953	65
023083	Edinburgh RAAF	13.6 on 11th	15.1 on 3rd in 1994	50
024024	Loxton Research Centre	15.0 on 11th	15.5 on 4th in 2004	38
024511	Eudunda	10.7 on 11th	12.4 on 9th in 1992	57
New South Wales				
047048	Broken Hill Airport AWS	13.7 on 11th	14.9 on 15th in 1961	32
049002	Balranald (RSL)	12.9 on 12th	13.9 on 8th in 1971	114
062101	Mudgee Airport AWS	13.5 on 13th	14.1 on 19th in 2001	30
Tasmania				
092027	Orford (Aubin Court)	11.0 on 15th	11.2 on 1st in 1992	54
094087	kunanyi (Mount Wellington Pinnacle)	-2.1 on 15th	-1.7 on 4th in 1963	38

Record lowest November mean maximum temperature				
		New record	Old record	Years of record
Northern Territory				
015590	Alice Springs Airport	29.8	30.1 in 2010	80
South Australia				
018106	Nullarbor	22.9	23.1 in 1999	35
New South Wales				
063063	Oberon (Albion St)	16.6	16.8 in 1947	49
066124	Parramatta North (Masons Drive)	22.9 =	22.9 in 1998	54
Victoria				
085279	Bairnsdale Airport	19.4	19.5 in 1992	41

= indicates the new record equals the old one.

Lowest November mean maximum temperature for at least 30 years

		Observed this month	Most recent lower month
Northern Territory			
015511	Curtin Springs	30.9	30.8 in 1974
New South Wales			
069018	Moruya Heads Pilot Station	19.5	19.4 in 1974
070263	Goulburn TAFE	19.6	18.7 in 1974 *
073014	Grenfell (Manganese Rd)	22.5	21.5 in 1916 *
Tasmania			
092003	Bicheno (Council Depot)	16.7	16.6 in 1985 *

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

Record lowest November daily minimum temperature

		New record	Old record	Years of record
Western Australia				
002056	Kununurra Aero	16.3 on 18th	16.4 on 6th in 2010	36
003032	Derby Aero	18.5 on 11th	19.0 on 8th in 2019	37
003080	Curtin Aero	16.6 on 11th	16.8 on 5th in 1997	30
Northern Territory				
014626	Daly Waters Airstrip	12.5 on 17th	13.6 on 3rd in 2017	52

Lowest November mean minimum temperature for at least 30 years

		Observed this month	Most recent lower month
Western Australia			
012071	Salmon Gums Res.Stn.	8.3	7.0 in 1961 *

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

Record highest November daily minimum temperature

		New record	Old record	Years of record
Western Australia				
003032	Derby Aero	29.6 on 24th =	29.6 on 30th in 2016	37
Queensland				
033045	Mackay Aero	26.7 on 12th	25.8 on 29th in 2015	36
033119	Mackay M.O	26.8 on 12th	26.4 on 29th in 2018	63
033247	Proserpine Airport	26.4 on 12th	25.9 on 26th in 2018	32
039089	Thangool Airport	24.4 on 11th	24.2 on 8th in 2008	30

= indicates the new record equals the old one.

Record highest November mean minimum temperature				
		New record	Old record	Years of record
Queensland				
031011	Cairns Aero	23.9	23.8 in 2008	79
032037	South Johnstone Exp Stn	22.5	22.4 in 1987	66
033119	Mackay M.O	23.0 =	23.0 in 2005	62
200283	Willis Island	26.3	26.2 in 1976	93
<i>= indicates the new record equals the old one.</i>				

Highest November mean minimum temperature for at least 30 years					
		Observed this month	Most recent higher		
Queensland					
033045	Mackay Aero	21.9	22.1 in 1953 *		
<i>* note: there are gaps in the historical record at this site, so it is possible a higher value has gone unreported.</i>					

Record highest November mean temperature				
		New record	Old record	Years of record
Western Australia				
001007	Troughton Island	31.3	31.2 in 2016	42
Northern Territory				
014508	Gove Airport	29.8	29.7 in 2020	42
Queensland				
029038	Kowanyama Airport	31.9	31.8 in 2018	51
200283	Willis Island	28.8	28.7 in 1976	93

Record lowest November mean temperature				
		New record	Old record	Years of record
Western Australia				
009871	Windy Harbour	15.0 =	15.0 in 2018	32
<i>= indicates the new record equals the old one.</i>				

Lowest November mean temperature for at least 30 years					
		Observed this month	Most recent lower		
New South Wales					
063063	Oberon (Albion St)	11.5	10.8 in 1956 *		
<i>* note: there are gaps in the historical record at this site, so it is possible a lower value has gone unreported.</i>					

Record highest November daily rainfall				
		New record	Old record	Years of record
Western Australia				
007103	Neds Creek	57.2 on 22nd	54.9 on 27th in 1965	75
007139	Paynes Find	85.4 on 10th	39.2 on 14th in 1993	61
007177	Mininer	29.2 on 22nd	26.4 on 12th in 2009	58
008037	Coorow	50.0 on 9th	44.8 on 17th in 1983	107
008130	Watheroo	41.0 on 9th	34.0 on 13th in 1974	106
009912	Ferguson Valley	34.4 on 22nd	33.6 on 10th in 2010	50
013015	Carnegie	53.5 on 8th	38.4 on 22nd in 2012	67
Northern Territory				
014807	Montejinni	102.5 on 25th	59.2 on 30th in 1980	45
015523	Glen Helen	74.0 on 10th	50.0 on 19th in 1989	64
015590	Alice Springs Airport	100.2 on 10th	53.2 on 25th in 2002	81
015623	Undoolya	73.8 on 10th	61.8 on 21st in 1977	74
015667	Ormiston Gorge	85.5 on 10th	62.0 on 24th in 1973	44
South Australia				
018012	Ceduna AMO	39.2 on 11th	38.2 on 28th in 1977	83
018094	Wirrulla	43.0 on 11th	36.0 on 18th in 2003	99
018110	Cook	49.0 on 10th	33.0 on 7th in 1940	100
021002	Balaklava	53.0 on 12th	34.8 on 15th in 1889	138
021012	Bute	54.4 on 12th	44.7 on 30th in 1937	133
021044	Port Wakefield	54.0 on 12th	47.8 on 25th in 1916	138
Queensland				
029100	Gregory Downs Outstation	51.0 on 12th	45.7 on 10th in 1966	38
029152	Boodjamulla - Lawn Hill NP	54.0 on 12th	51.6 on 14th in 2011	36
033008	Byfield Childs Road	158.0 on 10th	149.9 on 2nd in 1957	93
033045	Mackay Aero	227.4 on 29th	110.5 on 25th in 1950	36
035018	Carnarvon Station	142.0 on 25th	121.4 on 26th in 2011	67
035049	Gillespie	138.5 on 30th	88.9 on 24th in 1932	102
035172	Melmoth	127.0 on 10th	98.2 on 26th in 1985	83
035264	Emerald Airport	62.8 on 25th	56.8 on 1st in 2013	30
036050	Ulcanbah	124.2 on 30th	96.8 on 24th in 1950	76
036144	Terrick Terrick	104.8 on 30th	86.4 on 30th in 1914	113
038005	Cluny	70.0 on 10th	45.0 on 15th in 1994	76
039073	Mundubbera	118.0 on 12th	117.6 on 10th in 2012	111
039186	Bingera Sugar Mill	109.0 on 25th	87.6 on 6th in 1978	66
039201	Belvedere	101.0 on 12th	100.0 on 29th in 2008	76
039303	Childers South	108.8 on 23rd	105.8 on 27th in 2016	43
040144	Mount Joseph	124.2 on 12th	100.8 on 9th in 1967	79
040167	Palen Creek Correctional	114.0 on 27th	104.2 on 9th in 1999	78
040319	Rocky Point Sugar Mill	128.8 on 24th	125.5 on 29th in 1986	65
040417	Miami Bardon Ave	104.6 on 23rd	97.4 on 26th in 2008	54
040677	Maroon Dam	105.4 on 27th	95.0 on 9th in 1999	50
041095	Stanthorpe Leslie Parade	85.8 on 11th	72.4 on 9th in 1951	129
041175	Applethorpe	86.8 on 11th	58.5 on 20th in 1974	53
041457	Coolmunda Dam	105.0 on 30th	58.0 on 29th in 2009	46
041469	Macalister	99.0 on 8th	91.0 on 21st in 1983	50
041509	Traighli	75.2 on 22nd	50.5 on 22nd in 2018	34
044013	Boothulla	78.0 on 25th	57.7 on 4th in 1916	56

Record highest November daily rainfall

	New record	Old record	Years of record
New South Wales			
051018 Gilgandra (Chelmsford Ave)	84.2 on 30th	81.8 on 21st in 1950	128
055049 Quirindi Post Office	77.0 on 26th	67.8 on 25th in 1911	136
055183 Duri (Ashgrove) No 142	65.0 on 8th	62.5 on 7th in 1970	64
055255 Quirindi (Spring Vale)	60.2 on 26th	55.4 on 30th in 2002	53
056176 Bundarra (Bimbadeen)	95.0 on 21st	73.7 on 22nd in 1960	63
061002 Blackville (Krui Vale)	150.0 on 26th	137.0 on 23rd in 2013	137
061143 Bulga (Down Town)	65.0 on 12th	55.0 on 15th in 1988	53
061191 Bulga (South Wambo)	66.6 on 12th	57.0 on 16th in 1988	63
061192 Muswellbrook (Spring Creek (Castle Vale))	88.4 on 12th	61.8 on 16th in 1988	57
061260 Cessnock Airport AWS	63.2 on 12th	58.8 on 16th in 2010	32
061287 Merriwa (Roscommon)	53.6 on 26th	44.6 on 30th in 1991	53
061306 Kars Springs (Wellدون)	115.2 on 26th	100.5 on 21st in 1994	39
063005 Bathurst Agricultural Station	70.4 on 12th	66.2 on 8th in 2005	113
064050 Weetaliba (Munna)	62.0 on 22nd	60.0 on 19th in 2000	52
074037 Yanco Agricultural Institute	53.4 on 25th	51.0 on 27th in 2007	65
074148 Narrandera Airport AWS	72.4 on 25th	47.0 on 27th in 2007	53
074205 Belfrayden (North Mayfield)	112.4 on 26th	37.2 on 22nd in 2003	54
Victoria			
079003 Beazleys Bridge	67.2 on 4th	56.1 on 27th in 1903	110
079040 St Arnaud	87.4 on 4th	72.6 on 30th in 1933	142
082076 Dartmouth Reservoir	65.0 on 13th	63.5 on 16th in 1931	68
085238 Erica (Parkers Corner)	84.2 on 15th	69.9 on 8th in 1971	60

Record highest November total rainfall				
		New record	Old record	Years of record
Western Australia				
007139	Paynes Find	86.8	46.2 in 1982	61
013015	Carnegie	86.5	73.8 in 2008	67
Northern Territory				
015590	Alice Springs Airport	218.2	156.0 in 2008	80
015652	Watarrka	172.2	168.5 in 2008	32
015667	Ormiston Gorge	228.7	137.8 in 1977	45
South Australia				
016034	Hiltaba	134.4	67.1 in 1971	81
016055	Yardea	110.4	107.7 in 1933	145
016067	Mount Ive	98.6	69.6 in 1998	54
017098	Parachilna (Motpena)	78.0	64.5 in 1970	52
017119	Beltana Roadhouse	76.8	68.8 in 2009	36
018012	Ceduna AMO	87.0	63.2 in 1949	83
018060	Nundroo	87.0	58.7 in 1933	90
018063	Penong	94.6	73.1 in 1937	126
018094	Wirrulla	106.6	53.0 in 1934	99
018106	Nullarbor	129.6	77.2 in 1893	107
018110	Cook	111.8	49.3 in 1971	100
018113	Wharminda	64.3 =	64.3 in 1964	74
018114	Maralinga	132.4	80.5 in 1955	55
018116	Cleve Aerodrome	67.8	63.1 in 1964	57
018120	Whyalla Aero	107.8	84.2 in 2015	40
018176	Cowell (Winter Springs)	87.8	52.8 in 1977	52
018190	Buckleboo (Karinya)	86.8	52.0 in 1991	34
019052	Wirrabara	127.2	115.7 in 1920	143
020022	Sturt Vale	87.4	66.3 in 1933	57
020055	Strathearn	86.4	76.4 in 2010	31
021004	Booborowie	119.3	83.4 in 1945	97
021016	Crystal Brook	110.2	83.0 in 1944	141
021020	Georgetown	158.4	110.0 in 1903	146
021022	Gulnare	126.8	104.7 in 1903	117
021027	Jamestown	168.2	141.6 in 1934	143
021029	Koolunga	94.3	90.6 in 2015	138
021031	Laura	112.6	101.5 in 1920	146
021044	Port Wakefield	83.8	81.0 in 1939	147
021060	Jamestown PIRSA	161.0	119.2 in 1977	71
021062	Hallett (Old Canowie)	130.6	121.0 in 1977	136
021072	Huddleston (Willow Ponds)	131.6	82.0 in 1979	65
021077	Burra Community School	136.0	72.0 in 2009	61
023076	Port Parham	57.4	52.4 in 1979	46
024504	Bower	101.5	77.4 in 2009	117
024530	Sedan (Sandleton)	67.7	67.0 in 1887	134

= indicates the new record equals the old one.

Record highest November total rainfall

		New record	Old record	Years of record
Queensland				
033008	Byfield Childs Road	443.0	322.0 in 2010	90
035018	Carnarvon Station	363.7	243.0 in 1924	70
035049	Gillespie	326.5	226.3 in 1917	139
035081	Woleebee Nevasa	239.8	234.5 in 1924	108
035117	La Palma	237.6	187.6 in 1981	99
035131	Talagai	262.6	162.4 in 2010	54
035135	Hornet Bank Homestead	312.4	255.0 in 1983	96
035164	Monklands	238.0	198.0 in 2001	43
035172	Melmoth	225.0	184.8 in 1985	101
035225	Cardbeign	267.6	207.8 in 2007	69
035242	Bungaban TM	250.8	204.8 in 1924	50
035264	Emerald Airport	212.2	143.6 in 2008	30
036050	Ulcanbah	192.6	189.4 in 1950	78
038005	Cluny	92.0	71.4 in 1989	79
039036	Eidsvold Post Office	281.0	233.8 in 1917	131
039043	Glenlands	270.9	190.9 in 2000	88
039068	Mount Larcom Post Office	255.0	244.3 in 1961	109
039073	Mundubbera	263.4	210.7 in 2012	110
039104	Monto Township	220.0	213.9 in 1972	80
039128	Bundaberg Aero	406.2	227.4 in 1974	64
039158	Theodore	205.0	184.0 in 1989	51
039186	Bingera Sugar Mill	487.2	268.8 in 1978	118
039255	Springs	294.4	274.7 in 1972	60
039256	Dingle Dell	237.2	215.2 in 1997	42
039303	Childers South	354.8	178.0 in 1993	43
040126	Maryborough	310.0	301.7 in 1972	152
040144	Mount Joseph	318.2	266.2 in 1917	109
040167	Palen Creek Correctional	309.5	269.0 in 1995	74
040343	Wamuran	318.9	308.4 in 1983	66
040455	Dunollie	263.0	238.2 in 1997	72
040677	Maroon Dam	242.4	218.5 in 1989	50
040708	Monogorilby - Home	234.6	231.0 in 1995	38
040856	Rainbow Beach	297.6	279.2 in 2017	30
041034	Glenelg	265.0	203.4 in 1974	139
041120	Yangan Post Office	238.2	215.2 in 1974	110
041145	Marnhull	225.8	191.3 in 1959	88
041175	Applethorpe	235.2	185.3 in 1974	53
041275	Glenroy Massie	202.6	168.6 in 2008	63
041457	Coolmunda Dam	221.8	153.6 in 2007	46
041469	Macalister	262.0	185.0 in 1983	50
041509	Traighli	183.4	164.3 in 1995	34
041522	Dalby Airport	219.4	150.6 in 2001	30
043015	Injune Post Office	263.0	258.6 in 1950	97
043043	Yuleba Garden St	234.5	226.2 in 1950	137
043060	Havelock	240.0	175.2 in 2000	66
043091	Roma Airport	198.2	167.0 in 2007	37
044013	Boothulla	186.0	131.9 in 1933	57
044154	Whyenbah	221.0	207.4 in 2011	67

= indicates the new record equals the old one.

Record highest November total rainfall

		New record	Old record	Years of record
New South Wales				
046115	Tilpa (Trevallyn)	132.0	89.8 in 2010	47
047029	Pooncarie Mail Agency	146.1	109.8 in 2010	140
047040	Wentworth (Wamberra Station)	134.6	89.5 in 1950	95
050014	Condobolin Retirement Village	165.2	127.0 in 1924	136
050045	Yalgogrin North (Roloma)	180.2	158.0 in 1924	126
050052	Condobolin Ag Research Stn	152.5	114.9 in 1961	67
050117	Alectown (Bridgewater)	168.0	137.4 in 1971	48
053026	Narrabri (Mollee)	230.6	199.2 in 2000	95
055026	Willow Tree (Yarrabah)	208.0	203.7 in 1924	43
055046	Pine Ridge (Billabong)	254.4	174.8 in 2010	90
055049	Quirindi Post Office	247.4	220.0 in 2000	139
055136	Woolbrook (Woolbrook Road)	209.8	203.2 in 2008	64
055183	Duri (Ashgrove) No 142	264.8	191.8 in 2000	58
055190	Gowrie South	277.8	265.2 in 2008	64
055195	Gowrie (Lallybroch)	235.9	226.5 in 2000	48
055255	Quirindi (Spring Vale)	210.0	145.8 in 1966	48
056013	Glen Innes Ag Research Stn	224.1	214.7 in 2011	110
056065	Uralla (Mihi)	207.8	201.9 in 1961	106
056075	Walcha Road (Boxley)	204.0	195.8 in 2008	63
056176	Bundarra (Bimbadeen)	251.6	211.8 in 2011	60
056202	Black Swamp (Maxwell)	246.4	202.6 in 2008	44
060042	Craven (Longview)	261.6	216.8 in 2007	52
060104	Nowendoc (Green Hills)	277.0	264.4 in 2000	50
061002	Blackville (Krui Vale)	408.0	259.6 in 1950	134
061014	Branxton (Dalwood Vineyard)	295.9	220.3 in 2013	158
061073	Merriwa (Terragong)	211.2	180.8 in 1950	118
061143	Bulga (Down Town)	195.0	162.0 in 2011	57
061170	Dungog - Main Creek (Yeranda)	318.2	263.4 in 2013	57
061191	Bulga (South Wambo)	229.0	167.2 in 2011	62
061192	Muswellbrook (Spring Creek (Castle Vale))	290.4	218.4 in 2013	54
061211	Colo Heights (Mountain Pines)	245.9	244.2 in 1984	59
061260	Cessnock Airport AWS	231.0	160.6 in 2013	32
061270	Bowmans Creek (Grenell)	308.6	273.6 in 2013	53
061287	Merriwa (Roscommon)	224.2	160.2 in 2011	52
061288	Lostock Dam	352.8	241.8 in 2013	53
061290	Upper Allyn Township	423.6	304.6 in 1984	32
061306	Kars Springs (Welldun)	364.2	182.6 in 2013	35
061346	Hunter Springs (Wondecla)	274.2	252.6 in 2008	50
062089	Hargraves (Edge Hill)	198.4	160.8 in 2008	48
063005	Bathurst Agricultural Station	242.4	195.7 in 1961	114
063022	Cowra Ag Research Station	206.7	160.9 in 1961	114
063028	Falconbridge (St Georges Crescent)	236.6	235.1 in 1950	56
063073	Rockley Post Office	208.7	174.7 in 1961	125
063226	Lithgow (Coerwull)	195.0	175.1 in 1934	107
063245	Mandurama Post Office	212.2	178.0 in 1973	41
063254	Orange Agricultural Institute	307.0	204.3 in 2005	56
063271	Tuena (Wyoming)	220.6	209.6 in 1954	71
063283	Hampton (Bindo)	251.0	193.1 in 1984	31
063290	Bilpin Post Office	303.6	276.8 in 2007	33
063293	Oberon (Jenolan Caves Road)	205.0	163.0 in 2007	32

= indicates the new record equals the old one.

Record highest November total rainfall

		New record	Old record	Years of record
064050	Weetaliba (Munna)	266.4	176.0 in 2000	49
065020	Manildra (George St)	255.2	150.0 in 1973	108
068192	Camden Airport AWS	193.6	167.2 in 2007	46
069062	Snowball	265.0	238.6 in 1985	67
069127	Araluen Lower (Araluen Rd)	207.0	204.6 in 1988	42
069132	Braidwood Racecourse AWS	241.4	200.2 in 1988	32
070012	Bungonia (Inverary Park)	213.8	152.9 in 1986	130
070217	Cooma Airport AWS	183.8	166.5 in 1988	35
070242	Aranda (Bindaga St)	199.0	164.0 in 2010	51
070247	Canberra (Australian National Botanic Ga	194.1	181.7 in 1989	54
070263	Goulburn TAFE	208.0	116.6 in 1988	48
070307	Bruce (Australian Institute of Sport)	187.6	163.4 in 2010	39
070308	Torrens (Darke St)	210.6	160.8 in 2010	38
071073	Brindabella (Koolami)	208.6	165.8 in 1983	37
072008	Tarcutta (Wollumbi)	175.2	148.3 in 2011	107
072012	Carabost	200.6	177.6 in 1934	99
072044	Tumut (Simpson Street)	213.2	176.6 in 2011	134
072078	Garryowen (Yallock)	197.0	176.6 in 2011	67
072101	Holbrook (Narrabilla)	188.0	131.9 in 1971	53
072150	Wagga Wagga AMO	158.4	152.4 in 2011	81
073023	Kangiarra (Laverstock)	191.6	157.5 in 1961	112
073025	Old Junee (Millbank)	148.4	132.8 in 1971	126
073032	Quandialla Post Office	184.4	166.5 in 2011	95
074007	Leeton (Bents Hill)	148.2	143.2 in 1971	81
074037	Yanco Agricultural Institute	148.2	145.7 in 1971	65
074104	The Rock Post Office	187.9	135.4 in 1993	120
074162	Morundah Hotel	113.8	111.1 in 2007	38
074188	Culcairn Bowling Club	177.4	125.0 in 1995	110
074202	Ganmain (Rosedale)	147.6	137.6 in 1971	53
074205	Belfrayden (North Mayfield)	243.8	125.4 in 1995	54
074249	Coleambally Irrigation	103.9	88.8 in 2010	43
075140	Gunbar (Kelsey)	115.4	68.2 in 1971	71
075163	Hillston (Aldinga)	142.4	103.4 in 2010	50
075173	Hay (Bedarbidgal)	96.4	92.6 in 2015	35
Victoria				
082076	Dartmouth Reservoir	189.6	171.3 in 1934	69

= indicates the new record equals the old one.

Highest November total rainfall for at least 30 years			Observed this month	Most recent higher
Western Australia				
007083	Turee Creek		34.0	70.6 in 1971 *
008037	Coorow		50.7	60.4 in 1983
008139	Wubin		37.0	46.9 in 1983 *
011003	Eucla		102.6	113.5 in 1893 *
013017	Giles Meteorological Office		132.6	136.4 in 1991
Northern Territory				
014183	Darwin River Dam		269.9	317.2 in 1988
014821	Rosewood		180.6	221.8 in 1973 *
015521	The Garden		137.4	162.6 in 1977
015523	Glen Helen		169.0	197.9 in 1973 *
South Australia				
016001	Woomera Aerodrome		51.6	79.8 in 1979
016024	Lake Everard		69.5	85.8 in 1977 *
016056	Yudnapinna		73.6	104.6 in 1920 *
016059	Tarcoola (Mobella)		76.3	79.6 in 1964 *
017055	Marree (Witchelina Station)		73.0	92.7 in 1920 *
017099	Arkaroola		115.3	138.5 in 1985
018022	Cowell		70.0	89.1 in 1961 *
018040	Kimba		72.4	134.5 in 1939 *
018044	Kyancutta		80.5	80.6 in 1979
018069	Elliston		64.2	66.3 in 1939
018079	Streaky Bay		63.3	64.3 in 1942
018089	Waddikee		72.5	77.9 in 1979
019008	Bruce		89.4	141.2 in 1977
019025	Morchard (The Rocks)		101.6	123.4 in 1977
019032	Orroroo		103.0	168.2 in 1977
019037	Port Germein		91.8	111.5 in 1903
019038	Quorn		96.0	111.4 in 1977
019047	Booeroo Centre (Willowie)		94.9	149.2 in 1977
019048	Wilmington		104.0	115.8 in 1977 *
019053	Wirrabara Forest		119.0	158.6 in 1952 *
019062	Yongala		88.2	115.7 in 1977
020001	Boolcoomatta		108.3	116.5 in 1958 *
020043	Braemar		77.0	102.9 in 1970 *
021002	Balaklava		80.0	93.1 in 1939 *
021007	Brinkworth		97.6	100.6 in 1952 *
021010	Brinkworth (Bungaree)		105.0	109.9 in 1952
021012	Bute		75.4	88.4 in 1952 *
021019	Farrell Flat		86.0	124.7 in 1903
021033	Mintaro		82.8	89.8 in 1971 *
021057	Yacka		103.2	111.0 in 1903
021059	Hilltown		93.0	114.3 in 1952 *
022015	Price		55.9	66.6 in 1979
022020	Walleroo		51.4	53.7 in 1955 *
022022	Port Clinton (Yararoo)		73.5	84.2 in 1939 *
024008	Lyrup		64.6	105.7 in 1961 *
024501	Australia Plains		72.4	92.0 in 1977 *
024511	Eudunda		76.9	102.7 in 1961
024526	Point Pass		66.2	75.7 in 1977

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

Highest November total rainfall for at least 30 years

		Observed this month	Most recent higher
Queensland			
030127	Woodbine Station	176.2	204.8 in 1989 *
033076	Yaamba	228.2	228.9 in 1903
035053	Peakvale Station	244.6	270.4 in 1950 *
035064	Spring Creek Station	203.2	238.7 in 1983
035070	Taroom Post Office	263.6	292.0 in 1924 *
035079	Wharton Creek Station	236.0	364.8 in 1950 *
035093	Mt Moffatt National Park	211.8	214.7 in 1970 *
035182	Kinnoul	268.4	270.8 in 1924 *
035200	Greendale Station	161.5	167.1 in 1932 *
035205	Woorarra	223.6	306.6 in 1950 *
036046	Tiree	171.4	205.2 in 1987 *
036139	Surbiton Station	266.0	348.3 in 1917 *
039040	Gin Gin Post Office	309.4	368.0 in 1917 *
039175	Lovandee	273.8	314.2 in 1976 *
040068	Double Island Point Lighthouse	179.2	257.4 in 1983 *
040089	Goomboorian	252.0	270.9 in 1959
040151	Mungar Junction	282.2	315.1 in 1972 *
040169	Peachester	331.8	345.0 in 1983 *
040284	Beerburum Forest Station	348.4	356.1 in 1983 *
040390	Teddington Waterworks	197.8	242.1 in 1976
040478	Fraser Island Eurong	186.2	375.4 in 1974 *
040500	Embreys Bridge	181.8	187.8 in 1989 *
041052	Jingi Jingi	163.4	165.8 in 1989
041085	Queen Mary Falls	233.6	275.4 in 1959 *
041095	Stanthorpe Leslie Parade	220.4	255.4 in 1974 *
041100	Texas Post Office	186.6	187.5 in 1969 *
041128	Wondalli	182.6	216.9 in 1937
041376	Warroo Station	168.8	183.1 in 1924 *
043020	Mitchell Post Office	156.2	160.0 in 1985
043026	Normandy	146.2	274.8 in 1983 *
044056	Mungallala	196.2	215.8 in 1985 *

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

Highest November total rainfall for at least 30 years

		Observed this month	Most recent higher
New South Wales			
050020	Warroo (Geeron)	155.2	168.8 in 1961
050031	Peak Hill Post Office	173.8	221.1 in 1961
051018	Gilgandra (Chelmsford Ave)	230.2	244.1 in 1950
051057	Marra Creek (Womboin)	129.8	157.0 in 1983 *
053002	Baradine Forestry	229.0	257.0 in 1950 *
054007	Bonshaw (Campbell St)	198.2	302.1 in 1969 *
054021	Barraba (Mount Lindsay)	284.2	286.6 in 1917 *
056050	Tenterfield (Aberfeldie)	184.6	192.2 in 1979 *
057005	Drake (Village Resource Centre)	236.4	281.2 in 1917 *
057119	Walcha (Karori)	208.1	208.8 in 1975 *
062009	Cassilis (Dalkeith)	215.8	231.2 in 1950 *
062013	Gulgong Post Office	177.8	211.5 in 1950 *
063013	Berambing	294.6	421.3 in 1961 *
063036	Oberon (Jenolan Caves)	246.0	259.3 in 1961 *
063043	Kurrajong Heights (Bells Line of Road)	276.0	278.6 in 1984 *
063076	Sofala Old Post Office	171.0	196.7 in 1950
063246	Mount Wilson (Clarine)	319.4	337.1 in 1969 *
065013	Eugowra Post Office	146.2	147.8 in 1971 *
066013	Concord Golf Club	169.8	181.4 in 1987 *
067015	Bringelly (Maryland)	194.0	218.9 in 1969 *
067021	Richmond - UWS Hawkesbury	222.4	449.6 in 1961
068007	Camden (Brownlow Hill)	154.6	191.0 in 1969
069006	Bettowynnd (Bellaringah)	221.0	279.8 in 1966 *
069054	Tuross	195.0	200.8 in 1988 *
070005	Bombala (Therry Street)	185.4	279.3 in 1988
070016	Captains Flat (Foxlow St)	209.0	225.6 in 1966 *
070025	Crookwell Post Office	236.8	247.6 in 1961
070040	Goulburn (Cherryton)	201.7	289.7 in 1961 *
070043	Gunning Rural Supplies	174.4	259.6 in 1961 *
070063	Marulan (George St)	223.0	247.5 in 1961 *
070080	Taralga Post Office	192.5	405.2 in 1961 *
070119	Big Hill (Glen Dusk)	266.0	267.6 in 1961 *
070237	Nimmitabel (Cottesloe)	192.4	300.6 in 1988 *
071022	Berridale (Bolton Street)	187.4	207.5 in 1969 *
072023	Hume Reservoir	148.2	150.3 in 1971
073019	Junee Treatment Works	144.6	185.8 in 1971 *
074000	Ardlethan Post Office	166.6	184.0 in 1971 *
074050	Grong Grong (Junee St)	113.9	195.9 in 1971 *
074081	Mulwala Post Office	123.1	126.9 in 1954 *
074118	Whitton (Conapaira St)	108.4	161.1 in 1924 *
074148	Narrandera Airport AWS	157.6	184.1 in 1971 *
074217	Marrar (Brigadoon)	137.2	187.9 in 1971 *
075007	Booligal (Belmont)	103.2	132.0 in 1912
075032	Hillston Airport	147.5	148.9 in 1924 *

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

Highest November total rainfall for at least 30 years

		Observed this month	Most recent higher
Victoria			
076133	Lindsay Point	59.8	60.0 in 1988
079003	Beazleys Bridge	110.0	131.9 in 1924 *
079040	St Arnaud	126.8	154.5 in 1887 *
082018	Uplands (Gibbo River Park)	170.0	210.5 in 1971 *
084003	Bruthen (Post Office)	180.4	260.0 in 1988
084012	Dargo	162.7	191.8 in 1988
084140	Nicholson Winery	215.2	279.2 in 1988 *
085166	Stratford	145.8	148.4 in 1988 *
085168	Briagolong	169.0	178.0 in 1988 *
085238	Erica (Parkers Corner)	183.8	213.5 in 1971 *
085279	Bairnsdale Airport	170.4	275.6 in 1988

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

Selected observations

Daily and mean maximum temperatures for November 2021

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	29	30	
001019 Kalumburu	38.5	37.9	38.0	37.5	38.4	34.5	38.8	38.6	36.5	38.6	39.2	38.3	40.4	40.0	39.5	38.4	38.7	40.9	41.7	38.7	38.1	36.4	38.3	39.6	39.0	38.5	36.3	36.7	38.3	38.2	41.4	
002056 Kununurra Aero	38.9	38.0	40.2	39.8	36.9	38.9	39.6	35.3	36.6	37.2	39.9	39.7	36.0	37.4	38.3	38.2	39.4	40.0	40.7	39.7	39.3	40.2	41.1	38.9	37.5	39.3	38.4	39.7	40.3	41.8		
003003 Derby Aero	39.1	37.0	37.9	40.8	36.0	41.3	38.8	38.8	36.5	36.2	36.8	38.5	37.4	38.9	38.3	39.1	40.0	40.6	40.1	40.9	39.1	39.9	41.7	42.0	40.8	41.5	38.4	38.7	38.3	40.2		
004032 Port Hedland Airport	35.6	-0.6	29.0	29.7	30.1	35.8	37.1	36.3	30.7	30.5	35.2	36.0	36.5	36.7	35.1	36.6	35.5	34.8	35.9	36.2	37.4	36.7	33.9	34.5	38.0	39.2	38.6	41.3	42.3	38.6	40.1	
004083 Karratha Aero	34.0	30.0	29.7	29.7	33.8	35.0	34.0	28.9	28.8	30.9	31.4	32.9	32.5	33.9	34.2	37.8	35.2	33.2	34.9	35.4	35.9	33.5	32.1	34.2	35.1	36.2	36.3	38.2	39.7	38.1	38.2	
004106 Marble Bar	38.6	30.9	34.7	37.4	40.5	41.6	41.1	38.5	37.8	37.3	35.4	34.4	36.1	37.9	40.5	40.7	40.3	41.6	42.1	42.6	40.3	32.3	37.4	38.2	37.5	37.8	39.9	41.9	42.5	44.1		
005007 Learmonth Airport	33.3	29.3	29.8	32.5	34.4	33.8	30.2	29.0	29.1	32.2	35.6	30.1	32.7	36.1	35.8	35.6	33.8	31.6	33.6	32.1	24.5	31.1	35.5	35.1	36.0	36.3	38.5	40.0	39.3			
006011 Carnarvon Airport	29.2	+1.8	24.4	25.0	27.1	25.4	24.8	25.9	25.4	24.8	25.6	26.5	30.6	34.6	27.9	27.5	26.8	25.6	25.4	25.5	26.3	27.9	25.0	26.6	33.1	38.1	39.7	40.6	40.9	40.3	32.9	27.2
006044 Denham	28.1	23.0	26.0	23.5	23.0	22.5	23.5	24.5	25.0	24.5																						
007176 Newman Aero	34.8	33.0	34.5	38.4	38.1	37.4	29.3	36.7	37.7	32.0	28.8	28.7	30.0	32.7	34.8	37.0	37.7	38.3	37.6	38.8	36.2	34.2	25.7	31.9	32.9	33.7	35.7	37.4	39.3	41.7		
007185 Paraburdoo Aero	36.0	34.6	32.5	37.6	38.6	37.2	33.8	37.1	30.2	29.1	31.8	33.6	35.8	37.1	38.3	38.3	38.7	37.4	35.4	39.3	35.2	28.0	34.0	35.9	36.4	35.9	37.8	39.8	41.1	42.2		
007045 Meekatharra Airport	32.8	-0.3	31.6	27.1	33.8	37.4	31.7	33.3	35.4	33.5	26.0	23.9	27.5	30.2	33.2	35.5	36.8	36.0	37.5	32.6	32.2	33.9	28.3	27.1	30.2	31.4	33.6	33.7	34.9	36.9	39.6	38.5
007600 Mount Magnet Aero	32.0	28.2	24.0	30.9	36.2	28.0	31.7	33.4	33.3	22.8	22.8	28.0	30.0	34.2	36.8	35.9	35.6	36.2	28.4	30.2	32.9	30.9	27.6	31.0	33.1	34.7	35.4	35.8	37.6	40.9	34.3	
008296 Morawa Airport	30.9	24.1	22.8	28.6	33.4	27.1	29.0	31.8	31.0	19.6	24.8	28.5	31.4	34.7	33.8	32.2	29.6	30.9	29.3	28.8	33.8	29.7	27.3	31.2	30.0	34.5	36.7	37.5	38.4	36.2	32.7	
008297 Dalwallinu	29.5	23.2	21.7	28.1	32.7	25.8	27.5	30.3	30.0	16.3	22.8	26.9	28.9	33.5	35.5	31.6	29.5	30.0	27.4	25.4	31.3	32.9	25.1	29.8	32.2	34.7	35.8	36.6	39.3	34.0	29.4	
008315 Geraldton Airport	28.2	21.4	25.5	23.6	24.2	23.9	23.3	23.9	23.9	23.7	29.0	32.7	29.4	26.4	26.4	25.1	25.2	25.3	25.2	29.1	33.1	24.9	24.4	27.9	34.6	37.1	39.5	40.0	39.5	27.3	26.0	
009021 Perth Airport	26.8	+0.2	19.5	19.4	23.1	24.6	22.6	23.7	26.4	28.3	20.3	22.3	25.5	27.9	30.4	32.2	26.6	24.4	26.1	21.2	24.3	30.6	33.6	23.0	25.7	30.1	33.3	35.6	37.3	35.1	26.5	25.0
009131 Jurien Bay	25.7	21.1	21.6	23.1	22.6	23.3	21.6	22.2	21.4	21.9	23.6	30.7	29.1	25.4	24.3	24.3	24.6	23.5	24.8													
009225 Perth Metro	26.1	18.9	20.0	22.6	22.9	22.2	22.5	24.7	28.0	20.7	21.4	24.8	27.4	30.1	32.2	25.6	24.4	26.2	20.5	23.0	30.0	32.1	22.0	24.5	28.4	33.1	35.3	37.4	32.8	25.2	23.1	
009240 Bickley	24.5	16.0	16.7	20.9	23.1	20.2	21.3	24.2	24.7	19.0	21.4	23.8	24.5	27.4	29.6	25.7	22.4	23.8	18.6	22.4	27.6	30.4	20.4	24.9	28.6	30.4	32.0	34.6	33.2	24.6	23.7	
009518 Cape Leeuwin	19.8	-0.3	15.8	17.3	18.7	19.2	19.1	18.5	18.3	18.4	18.9	18.9	20.4	19.0	18.7	18.8	22.0	21.1	18.4	19.0	19.5	22.2	20.2	20.0	21.5	21.6	22.1	21.9	22.8	22.2	21.4	19.3
009617 Bridgetown	22.9	16.2	18.4	19.1	22.7	19.4	16.6	19.0	19.5	18.8	21.0	20.8	22.5	25.2	27.0	24.1	20.7	17.9	21.9	25.7	29.0	21.1	23.4	26.2	27.7	30.5	32.9	32.4	24.4	19.5		
009789 Esperance	21.4	22.1	19.2	21.8	28.3	20.6	17.6	18.2	19.3	18.3	17.7	18.1	16.6	17.4	18.6	24.8	29.5	20.4	16.1	18.4	23.2	28.3	23.6	18.4	19.2	20.4	22.4	26.1	34.7	22.4	20.0	
009965 Bunbury	23.7	17.0	18.9	19.6	20.1	21.8	19.3	21.7	24.2	22.1	19.8	23.5	23.4	26.2	27.1	23.6	22.7	24.6	20.7	22.0	25.8	30.4	22.9	23.2	26.0	28.4	29.7	33.4	29.3	23.5	22.1	
009977 Mandurah	24.9	20.9	21.2	21.0	21.5	25.2	23.1	19.9	23.5	25.5	29.5	31.6	22.1	22.9	24.0	20.8	22.9	26.5	28.4	21.3	22.9	26.6	31.1	31.9	33.6	27.6	24.2	22.2				
009999 Albany Airport	20.3	19.2	17.9	21.3	21.8	17.3	15.5	17.4	18.0	16.6	18.0	19.7	16.6	17.5	19.8	22.9	19.8	17.6	17.2	18.4	23.0	25.9	20.0	20.2	21.9	20.9	23.9	30.0	32.8	19.3	19.3	
010007 Bencubbin	28.6	-0.2	22.5	21.5	27.5	32.6	25.5	25.0	29.0	29.0	16.0	27.5	26.0	30.5	34.8	31.0	31.5	25.8	24.5	26.0	27.5	26.5	26.5	30.0	32.6	34.9	35.0	37.4	35.0	28.5		
010092 Merredin	28.7	+0.6	24.0	21.2	27.0	33.5	27.5	25.5	28.9	29.0	17.0	26.0	27.0	26.0	29.5	31.3	31.0	31.0	24.0	23.3	28.0	28.6	27.0	27.4	31.4	32.4	34.0	36.0	39.5	34.5	30.5	
010286 Cunderdin Airfield	29.3	22.3	22.6	27.3	31.1	27.1	25.2	29.1	28.9	17.7	25.3	27.6	27.2	31.1	34.2	33.2	30.3	31.5	22.0	24.7	30.3	32.4	28.1	27.8	31.6	33.0	35.6	37.1	40.2	34.4	28.4	
010633 Ravensthorpe	23.6	-1.3	22.5	21.5	26.5	27.1	22.5	19.1	20.5	21.5	15.5	19.5	20.5	18.2	20.0	24.5	31.5	31.4	20.5	14.8	17.9	25.3	29.2	15.5	19.5	24.0	25.0	27.8	32.0	38.0	28.0	21.5
010891 Lake Grace	25.4	20.9	20.6	25.2	30.1	21.8	20.5	23.7	23.2	17.3	22.2	22.2	24.1	27.1	31.4	29.2	26.5	17.3	19.2	27.0	28.5	21.8	23.2	28.5	28.7	31.5	34.3	38.6	29.4	25.0		
010916 Katanning	24.1	18.9	19.8	22.7	27.8	19.3	19.4	21.4	20.5	18.9	21.6	22.1	21.5	22.4	25.2	24.2	22.4	16.9	21.1	26.2	28.9	20.2	22.4	27.6	27.9	30.4	33.5	37.5	26.7	23.4		
010917 Wandering	25.8	18.2	18.8	23.8	27.1	22.9	21.0	23.5	22.9	19.9	18.8	22.6	24.1	24.1	26.6	29.0	29.7	26.2	18.8	23.7	28.3	31.1	23.5	25.0	29.4	30.6	33.5	35.6	36.3	27.8	25.3	
011003 Eucla	23.0	-1.8	32.7	23.0	24.7	26.2	35.0	19.8	19.7	17.1	16.1	17.2	18.9	18.9	19.6	24.0	36.8	40.6	20.4	17.7	19.0	21.7	24.5	19.0	20.5	20.0	26.8	31.8	20.3			
011052 Forrest	24.9	36.0	28.3	27.8	32.4	36.3	24.1	25.1	23.6	17.7	14.3	16.8	18.8	20.2	21.3	27.2	36.9	38.9	25.6	20.9	20.4	22.5	24.2	22.4	18.1	18.2	21.3	21.1	26.3	33.1	27.3	
012038 Kalgoorlie-Boulder Airport	27.3	-1.7	31.5	23.8	28.5	36.1	25.4	22.3	27.7	25.4	13.5	18.7	22.9	22.6	24.7	28.0	32.7	36.1	34.0	22.0	21.1	24.8	25.8	26.8	24.5	27.5	28.0	29.8	30.7	33.7	39.8	29.3
012071 Salmon Gums Res.Stn.	25.5	-0.9	27.9	21.9	28.2	30.8	21.6	20.7	25.5	23.9	18.7	20.7	22.3	20.3	22.8	25.7	31.0	34.6	28.1	17.7	18.3	25.4	26.4	22.8	27.1	27.9	29.7	30.5				

Daily and mean maximum temperatures for November 2021

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	29	30	
048027 Cobar MO	26.9	-2.3	29.9	32.4	26.1	28.5	30.4	31.5	20.3	28.1	31.3	30.8	27.0	16.0	19.7	22.3	22.5	24.0	27.6	32.8	35.6	29.5	18.2	25.6	27.9	29.3	29.9	22.0	20.9	26.1	30.2	32.0	
048245 Bourke Airport AWS	29.3		26.7	32.8	29.2	29.6	29.9	33.0	29.5	30.9	32.7	32.1	30.7	19.3	23.2	25.3	24.9	26.4	29.7	34.2	39.1	36.9	21.5	27.1	29.6	28.8	30.7	26.5	24.4	28.1	32.7	32.6	
049000 Ivanhoe Aerodrome AWS	26.8		34.3	22.9	28.4	30.7	32.9	27.0	27.8			28.7	16.2	15.1	19.9	20.5	21.5	23.6	27.1	34.8	30.5	23.7	25.2	31.0	29.3	32.6	26.3	22.2	23.9	26.8	31.7	34.5	
050052 Condobolin Ag Research Stn	25.5	-3.0	27.5	30.2	26.7	25.4	27.4	29.5	27.5	28.0	30.2	23.8	18.8	18.4	17.5	21.0	19.1	22.6	25.6	31.2	27.9	25.2	21.5	28.0	28.3	29.3	26.3	21.9	22.6	26.0	27.7	30.9	
052088 Walgett Airport AWS	29.3		25.2	30.0	30.1	29.6	27.9	32.7	28.4	31.0	34.1	35.4	29.7	24.7	22.5	25.7	26.4	26.0	29.8	33.2	38.3	38.4	24.5	27.1	30.0	29.6	31.1	29.8	27.6	26.3	28.8	25.6	
053115 Moree Aero	28.9		26.9	29.4	29.8	27.8	25.6	28.3	31.4	30.4	33.9	32.7	28.6	29.4	23.2	25.9	27.0	27.1	29.8	31.2	33.5	33.9	21.8	27.7	29.9	30.2	28.8	30.9	30.8	27.3	30.8	22.9	
054038 Narrabri Airport AWS	27.5		25.5	28.9	28.4	27.0	22.3	28.1	29.2	29.4	32.0	31.0	26.8	27.3	21.7	24.4	24.3	25.4	27.6	29.7	32.0	33.0	21.8	24.3	28.0	29.5	30.1	28.8	25.9	26.8	29.6	25.0	
055325 Tamworth Airport AWS	25.9		24.4	27.3	28.3	24.1	18.6	27.1	28.2	28.0	29.9	29.9	25.1	26.9	19.2	22.1	22.6	23.5	26.5	27.7	26.4	29.6	20.4	24.0	29.0	28.5	28.5	26.5	24.7	24.5	28.7	25.8	
056242 Inverell (Raglan St)	24.5		23.7	24.8	25.9	25.2	17.9	23.8	25.8	25.9	29.7	26.8	24.5	27.2	19.1	20.9	22.7	23.8	24.9	24.6	26.2	28.1	19.8	24.2	26.4	24.6	25.9	25.2	25.3	23.9	28.1	19.9	
057095 Tabulam (Muirie)	22.7		19.1	20.9	21.4	22.1	18.4	19.8	25.1	25.9	27.0	25.2	24.3	28.1	20.8	22.3	24.7	25.1	23.4	23.4	26.8	27.6	20.4	18.5	20.8	20.8	22.4	25.0	21.5	18.5	22.4	17.8	
058012 Yamba Pilot Station	25.3	+1.1	23.5	24.0	24.4	23.9	22.0	24.1	27.1	23.7	24.5	26.7	29.1	32.9	26.3	27.2	30.2	24.1				27.7	27.0	22.4	23.2	25.5	25.6	25.1	24.8	24.7	23.5	24.1	22.1
060138 Port Macquarie Airport AWS (Comparison)	24.8		22.7	23.7	23.8	25.5	22.3	24.8	27.0	26.1	25.9	26.9	25.7	33.4	25.2	25.0	25.6	22.4	22.6	26.2	27.2	29.7	22.1	20.7	25.0	24.4	26.5	24.1	23.3	21.3	23.6	22.7	
061078 Williamtown RAAF	23.8	-1.5	23.6	25.2	25.2	23.1	24.0	27.4	26.2	23.6	24.2	23.7	21.9	30.7	22.2	24.5	24.4	21.0	21.5	26.6	25.6	25.0	19.1	22.2	22.9	28.8	28.0	19.5	17.8	22.1	21.5	22.7	
061363 Scone Airport AWS	24.5		25.6	27.7	28.6	22.5	19.9	27.8	27.7	29.4	29.3	30.2	23.5	27.0	18.8	22.8	22.9	23.3	25.0	28.8	27.9	30.2	17.1	20.9	25.7	28.7	26.9	19.1	16.5	19.6	21.9	20.1	
062101 Mudgee Airport AWS	22.4		23.4	25.9	26.8	18.9	19.1	25.4	24.6	26.7	27.2	24.3	24.6	23.4	13.5	18.0	18.8	20.4	22.9	26.1	26.5	25.5	18.3	20.4	24.9	24.0	22.6	21.8	16.3	20.4	22.3	20.1	
063005 Bathurst Agricultural Station	20.3	-2.4	21.0	24.0	25.0	17.0	17.4	23.4	21.6	20.3	24.0	19.6	22.2	20.5	10.5	15.2	13.1	16.6	21.5	23.5	23.2	22.2	15.2	20.0	22.4	23.7	20.2	19.0	17.0	20.4	21.4	24.0	
063254 Orange Agricultural Institute	18.9		18.3	21.4	21.4	14.1			21.5	20.3	21.8	17.2	19.2		20.4	16.6	11.3	14.2	18.3	20.9	20.4		19.5	18.1	20.4	20.6	18.4	18.0	18.5	19.9	22.5		
064008 Coonabarabran (Showgrounds)	23.3	-4.1	21.4	25.1	26.5	18.5	18.5	24.5	25.6	26.0	28.8	26.0	24.5	21.1	15.7	21.4	20.0	20.6		26.7	27.4	28.7	18.2	21.8	26.5	24.5	27.0	25.4	20.4	18.1	26.6	20.5	
065070 Dubbo Airport AWS	25.0		25.6	28.1	29.2	19.8	23.5	28.0	26.0	28.4	29.4	30.8	25.4	22.5	17.1	21.6	20.9	22.0	25.5	29.3	29.7	26.9	19.9	24.6	28.0	27.0	26.9	19.4	22.9	24.8	20.8		
066214 Sydney (Observatory Hill)	23.2		24.6	25.9	25.1	20.7	25.0	26.0	26.1	24.8	24.8	21.1	19.4	22.4	21.4	23.2	24.1	21.6	22.5	25.3	30.5	21.0	19.2	22.3	22.7	27.6	24.5	18.7	18.7	21.2	23.3	23.3	
067105 Richmond RAAF	23.1		23.9	26.9	28.0	19.5	22.4	27.6	22.4	27.2	27.0	20.5	19.2	25.1	19.1	21.9	21.1	22.4	23.4	29.2	29.6	22.4	16.9	21.1	21.9	28.1	25.2	19.2	17.7	18.8	22.1	23.0	
068072 Nowra RAN Air Station AWS	21.4		24.6	23.9	25.6	19.1	19.7	24.7	27.0	21.7	22.9	23.0	17.3	16.3	17.0	19.6	19.4	18.9	19.9	26.3	28.9	16.5	18.0	21.2	21.7	25.5	26.4	16.2	16.0	17.6	21.9	24.3	
068151 Jervis Bay (Point Perpendicular)	19.9		22.0	21.6	22.8	19.9	18.9	22.2	24.6	19.9	19.7	20.0	16.8	16.3	16.7	18.8	18.3	16.3	19.6	22.7	26.2	16.0	17.2	19.7	21.5	23.0	23.8	16.2	16.3	17.4	19.2	22.5	
068241 Albinon Park (Shellharbour Airport)	21.4		23.2	24.2	24.3	20.9	20.2	24.4	21.6	21.6	21.6	21.5	17.5	17.5	16.1	16.7	22.0	20.4	18.8	21.1	23.7	27.7	18.9	18.2	20.7	21.7	24.2	25.7	18.4	18.0	19.0	20.7	23.6
069018 Moruya Heads Pilot Station	19.5	-1.4	21.5	21.2	22.0	18.6	18.4	21.0	23.7	18.4	19.0	21.0	19.5	16.2	15.5	20.9	19.0	17.6	18.8	22.9	21.5	16.5	17.5	19.2	20.2	20.6	22.5	15.7	16.3	19.0	20.0	20.9	
070351 Canberra Airport	20.2		22.8	24.8	23.8	16.2	17.2	22.8	25.2	24.9	23.3	21.1	23.2	16.3	13.4	14.0	13.9	17.5	20.7	23.3	23.1	17.3	16.6	18.9	22.5	21.4	23.7	14.4	14.6	17.8	24.2	26.4	
071041 Thredbo Village	14.1		18.0	20.0	17.5	13.0	12.5	17.2	17.0	17.0	16.0	17.0	12.4	7.5	4.5	4.4	10.5	14.5	15.5	14.0	9.7	12.5	15.5	19.2	17.1	16.0	8.5	7.5	15.0	17.5	20.5		
072150 Wagga Wagga AMD	23.0	-2.7	26.8	28.5	26.8	21.6	22.1	27.1	28.4	25.2	25.7	25.1	23.0	15.8	15.7	16.4	16.6	19.7	23.4	27.1	21.8	18.1	23.0	23.8	26.0	21.8	21.8	16.7	21.0	23.8	26.6	29.5	
072160 Albury Airport AWS	23.1		23.9	28.1	25.4	25.5	23.1	26.6	27.6	23.7	24.2	23.0	22.0	16.7	16.9	16.8	16.8	19.2	22.9	26.8	20.9	21.2	25.3	26.2	25.5	21.9	20.7	18.8	22.2	24.8	27.1	29.3	
072161 Cabramurra SMHEA AWS	12.6		15.5	18.2	15.8	12.7	11.5	13.4	17.3	15.6	14.6	13.5	16.3	11.0	7.1	2.8	2.3	9.3	13.0	14.4	9.5	8.7	11.5	15.8	16.4	14.4	13.5	7.3	7.4	13.5	16.5	18.8	
074258 Deniliquin Airport AWS	24.7		26.5	31.4	25.7	26.2	27.5	31.5	29.4	23.8	25.6	21.8	20.1	14.2	18.1	17.8	18.8	20.6	24.5	29.7	19.3	21.2	26.2	28.3	26.4	28.8	22.0	24.3	25.4	26.6	29.3	32.3	
Victoria		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	29	30	
076031 Mildura Airport	25.6	-1.9	29.9	34.7	28.2	27.7	30.2	28.9	23.7	23.5	28.2	21.6	14.2	15.2	18.9	19.1	19.3	21.3	26.2	33.2	20.9	16.1	25.3	29.7	27.1	29.8	27.8	27.3	26.8	28.9	30.9	34.6	
078015 Nhill Aerodrome	24.2		27.4	32.0	23.2	26.3	29.5	25.0	21.1	20.4	23.3	19.5	19.1	15.2	18.0	16.7	17.6	17.9	24.4	33.5	19.4	22.9	23.4	28.8	28.2	28.7	23.0	23.4	24.2	27.9	31.2	33.5	
080023 Kerang	25.1	-1.2	27.1	32.5	23.8	26.5	28.9	30.3	27.4	22.3	26.1	20.3	19.3	14.2	18.4	18.5	18.2	20.9	23.2	30.5	21.4	20.8	25.6	29.2	25.7	30.4	27.0	26.5	26.6	27.7	30.8	33.7	
081123 Bendigo Airport	22.4		25.1	30.5	20.7	22.0	26.3	25.5	22.8	20.8	22.0	18.7	18.1	13.8	16.6	15.6	15.1	17.0	21.7	27.1	18.8	21.2	21.5	26.1	23.3	26.8	22.4						

Daily and mean minimum temperatures for November 2021

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	29	30	
001019 Kalbaruru	24.8	24.4	25.6	25.9	26.2	25.3	23.7	24.2	25.2	25.4	25.8	25.3	23.9	24.4	24.0	26.1	23.7	21.5	20.8	21.5	24.7	26.2	23.3	26.5	27.8	25.3	26.6	25.6	23.7	26.0	24.6	
002056 Kununurra Aero	24.4	24.2	25.7	25.8	25.2	25.7	26.0	22.8	26.2	24.7	25.7	26.4	28.3	25.9	23.9	21.1	18.5	18.7	16.3	18.9	25.3	26.9	26.6	27.4	25.3	25.6	26.3	26.3	24.3	23.9	22.7	
003003 Broome Airport	25.3	+0.1	24.0	26.8	25.5	26.8	26.7	24.3	27.7	27.5	26.8	26.6	25.5	22.6	21.3	20.0	20.9	24.1	25.8	26.9	27.1	23.3	24.0	28.2	27.8	28.4	26.5	23.3	21.2	23.8	27.7	27.6
003032 Derby Aero	25.1	24.2	26.2	25.6	27.5	27.0	25.9	27.0	26.2	25.8	26.6	18.5	23.2	21.4	19.9	22.5	26.4	25.0	26.5	25.1	23.2	24.4	25.7	27.9	29.6	25.3	23.0	25.9	28.3	25.1	25.4	
004032 Port Hedland Airport	22.0	+0.7	21.7	17.7	17.4	20.2	21.6	24.9	24.8	23.4	22.7	18.1	19.7	18.6	18.1	17.5	20.1	21.5	24.2	23.4	22.2	21.6	25.2	27.6	24.5	25.3	25.3	20.4	22.1	25.0	22.9	21.8
004083 Karratha Aero	22.2	20.0	20.1	20.4	21.3	23.0	24.4	24.1	20.9	19.6	18.5	18.9	17.8	19.0	18.1	21.7	23.4	24.8	24.8	24.3	24.5	25.4	23.7	24.0	23.6	22.5	21.0	21.3	24.5	22.4	26.8	
004106 Marble Bar	23.0	21.8	17.2	17.0	21.7	25.1	25.9	26.2	22.8	22.4	19.5	20.7	18.5	19.4	17.1	19.3	22.2	23.4	26.5	25.6	25.4	25.1	24.7	24.7	25.3	24.7	24.9	27.1	28.2	22.2	24.0	
005007 Learmonth Airport	17.7	19.0	15.5	14.3	16.2	16.3	17.0	16.4	15.0	13.2	16.4	13.7	15.8	16.0	15.6	18.0	19.0	19.1	19.2	18.7	17.0	20.9	18.1	15.7	18.9	18.5	19.9	19.3	24.1	22.3		
006011 Carnarvon Airport	18.2	-0.4	18.5	16.5	15.1	17.9	17.9	17.3	17.2	17.6	18.6	16.8	15.4	16.7	20.5	19.2	19.1	19.1	19.2	19.9	18.8	18.4	20.2	15.8	17.2	18.0	16.6	16.0	17.5	22.6	22.9	20.2
006044 Denham						18.0	17.0	16.0	17.0	18.0	17.0	16.0	17.0						19.0	18.0	19.0	19.5	20.0	19.0	17.0	18.0	18.0	20.0	21.0	23.0	22.0	20.0
007176 Newman Aero	19.4	20.0	18.3	18.2	20.8	22.9	20.7	21.4	20.0	20.2	16.7	15.5	11.1	11.5	18.4	22.0	21.4	22.9	21.4	21.2	23.7	24.6	17.9	18.3	18.6	17.1	16.8	22.4	22.4	20.1	17.1	18.9
007185 Paraburdoo Aero	21.7	19.4	19.1	20.3	20.6	20.4	24.0	23.3	20.4	17.7	18.5	18.6	20.1	17.3	18.6	19.1	25.4	25.4	25.6	24.9	19.6	24.2	19.2	18.8	23.8	23.8	23.2	25.7	25.5	24.2	23.0	
007045 Meekatharra Airport	18.4	-0.2	21.5	14.9	15.2	18.4	18.7	18.2	17.4	17.1	15.6	12.6	11.6	13.3	15.7	21.3	22.7	22.5	20.5	22.4	19.5	16.9	23.4	16.0	15.8	15.8	19.5	19.0	20.2	21.7	21.2	22.6
007600 Mount Magnet Aero	16.7	14.9	11.0	12.8	16.9	13.1	14.6	17.4	16.9	15.1	11.9	10.3	13.3	16.4	19.2	20.1	20.8	18.0	17.8	16.9	17.4	22.7	14.2	14.4	14.7	17.1	20.4	19.9	23.0	20.6	18.7	
008296 Morawa Airport	13.0	12.7	7.9	8.2	10.8	12.4	11.2	10.8	12.8	12.6	9.9	9.5	11.3	14.9	11.9	14.6	15.5	12.2	14.0	14.0	15.5	16.7	12.2	12.9	12.1	15.2	16.3	16.5	16.1	16.1	14.4	
008297 Dalwallinu	11.8	11.2	8.5	6.0	9.6	10.3	9.3	9.7	11.6	11.9	8.1	8.8	8.8	9.5	16.6	12.5	13.9	12.0	12.4	12.7	11.8	17.1	12.8	11.1	11.0	11.5	13.5	15.1	17.5	15.2	12.5	
008315 Geraldton Airport	13.0	14.8	14.0	7.3	10.6	16.4	11.8	11.9	17.2	15.1	8.8	8.2	8.2	10.5	12.0	13.1	13.4	11.7	14.2	13.5	11.7	13.4	16.0	12.9	11.7	12.9	13.4	17.2	14.9	17.9	17.4	
009021 Perth Airport	13.1	+0.3	12.6	13.7	9.3	8.3	13.8	11.8	12.0	13.7	14.1	11.2	7.1	13.4	12.1	13.3	13.6	14.7	11.2	15.1	14.5	13.2	14.3	16.5	9.2	11.4	14.1	17.1	16.7	13.8	16.0	15.6
009131 Jurien Bay	13.0	15.9	14.4	9.8	11.4	16.9		9.4	12.4	14.6	8.0	8.3	9.9	11.9	13.0	17.5	15.0	12.0	13.1	12.6	11.8		13.9	12.5	11.6	11.2	14.0	14.8	14.9	16.4	16.4	
009225 Perth Metro	13.9	14.4	13.8	9.8	10.6	14.6	12.4	11.9	13.7	13.0	11.4	8.5	13.5	12.3	13.6	14.6	16.8		15.1	14.6	13.4	14.8	16.5	10.8	12.6	15.9	17.5	18.9	16.2	16.8	15.5	
009240 Bickley	11.4	10.8	9.7	8.5	9.7	10.0	9.7	8.4	9.9	11.0	7.7	8.8	10.2	8.3	9.5	11.1	13.2	12.5	12.1	10.8	9.6	17.0	14.1	9.1	11.1	12.8	14.1	15.8	19.5	13.8	12.0	
009518 Cape Leeuwin	14.2	+0.1	12.1	11.9	13.3	15.4	14.4	12.8	12.2	11.8	14.3	10.7	13.2	13.3	12.1	12.5	14.4	16.2	14.7	14.1	13.7	12.9	16.0	15.7	13.8	15.2	15.5	16.1	17.7	18.0	16.4	15.2
009617 Bridgetown	9.0	7.6	6.6	6.3	4.0	6.7	6.0	3.0	8.0	10.9	2.1	7.6	4.8	7.2	8.3	11.0	12.0	13.8	12.7	7.4	5.3	10.2	14.8	9.9	6.2	13.5	12.4	12.9	11.8	15.2	12.3	
009789 Esperance	12.5	17.5	9.5	9.3	10.2	15.8	13.1	7.5	8.6	14.2	12.6	12.8	11.0	7.1	8.0	11.3	13.4	16.0	13.9	13.2	9.9	12.7	17.1	13.8	13.7	11.1	13.2	12.1	13.7	17.5	15.0	
009965 Bunbury	12.0	14.0	12.2	11.9	8.4	9.2	10.4	8.1	10.4	13.1	8.5	10.3	10.6	11.2	8.1	12.3	13.4	14.8	14.1	10.6	12.3	14.8	15.8	18.9	13.7	11.9	13.5	15.1	17.5	13.6	14.0	
009977 Mandurah	14.9	14.5			13.0	14.6	12.8	11.6	13.3	14.5	11.6	12.5	13.7	12.5	13.9	14.7	16.9	16.0	15.9	13.6	13.6	18.0	16.3	13.4	14.6	16.6	18.4	20.2	19.9	17.0	14.9	
009999 Albany Airport	11.3	11.6	9.3	8.2	9.4	9.9	8.6	8.0	9.4	11.9	10.8	8.0	9.5	8.0	11.1	13.5	15.4	14.2	12.3	9.0	4.8	13.2	15.2	12.9	7.2	15.5	14.7	14.6	13.9	16.1	13.0	
010007 Bencubbin	12.8	-0.4	11.9	6.5	6.5	12.0	10.9	11.0	10.8	12.5	12.5	8.3	8.5	10.9	11.7	14.3	13.6	14.0	13.6	13.5	13.5	12.0	19.0	13.8	11.0	13.0	14.0	15.0	16.1	20.0	17.4	15.0
010092 Merredin	12.6	-0.3	12.0	5.5	6.0	10.0	12.8	10.3	10.2	11.7	13.5	7.5	9.5	10.0	10.8	12.3	14.8	14.2	14.6	14.2	13.4	11.5	18.5	14.0	10.6	11.2	10.5	15.5	19.2	21.7	16.5	15.5
010286 Cunderdin Airfield	11.5	11.0	7.7	3.3	8.4	10.6	9.5	9.8	11.3	13.5	8.3	8.0	10.4	9.8	11.1	11.2	10.9	11.6	14.4	13.8	10.8	16.2	14.8	11.5	11.5	13.3	14.7	16.3	13.4	14.2	14.5	
010633 Ravensthorpe	10.1	-0.7	11.1	6.5	8.2	11.0	13.4	7.5	6.6	8.5	10.5	5.0	8.5	4.0	7.4	11.0	12.0	13.8	12.0	11.8	5.5	11.0	14.9	10.5	6.0	8.0	10.0	12.0	17.3	16.0	12.5	
010911 Lake Grace	10.5	12.0	9.8	6.1	10.3	13.0	7.5	6.3	9.7	10.9	7.1	6.9	8.7	7.2	8.7	11.2	12.0	14.9	11.9	11.6	7.0	13.2	15.0	8.7	7.5	9.7	11.8	12.6	15.7	14.7	13.2	
010916 Katanning	8.8	10.1	8.1	5.5	6.9	7.9	6.4	4.8	9.0	9.8	4.6	5.7	7.8	5.2	6.9	10.0	10.9	13.6	10.7	9.6	4.5	8.8	13.3	7.8	7.3	10.9	11.8	12.2	14.6	13.4	7.3	
010917 Wandering	8.7	9.2	8.2	3.9	4.9	7.1	8.6	4.5	6.8	11.0	2.7	3.9	11.6	7.2	8.6	7.5	8.5	13.6	13.0	11.3	7.5	7.4	15.3	7.0	7.0	10.8	10.9	11.9	10.2	12.2	10.9	
011003 Eucla	13.0	-0.4	16.0	18.0	9.3	10.5	15.2	14.5	6.7	9.3	12.5	12.9	11.9	9.6	9.9	12.1	6.1	11.1	19.9	15.5	15.0	14.2	11.3	13.3	16.0	14.1	13.9	13.7	13.5	14.4	12.2	16.6
011052 Forrest	12.6	16.1	19.4	9.7	11.2	17.0	14.3	8.5	12.8	12.7	12.1	10.2	8.0	6.3	6.9	7.8	12.4	20.4	15.7	16.6	14.2	9.9	13.9	16.0	13.5	13.9	12.9	10.3	8.7	11.5	15.7	
012038 Kalgoorlie-Boulder Airport	13.6	-0.7	20.2	10.5	7.8	18.1	15.4	12.1	11.6	13.4	11.3	9.9	6.8	8.5	9.7	11.2	7.1	12.3	15.4	14.9	13.3	12.8	15.3	16								

Daily and mean minimum temperatures for November 2021

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	29	30		
048027 Cobar MO	15.9	+0.3	15.9	15.7	20.8	18.2	15.4	16.3	19.5	17.5	16.8	20.5	15.1	14.5	9.6	7.5	8.7	9.2	10.3	13.6	21.8	21.8	16.6	13.3	15.6	20.7	19.4	18.3	14.8	14.3	15.5	19.4		
048245 Bourke Airport AWS	16.9		17.4	17.6	20.8	18.1	15.7	17.1	20.6	17.7	17.5	20.8	21.2	16.6	10.1	8.8	10.5	10.2	12.4	12.3	18.1	22.9	18.3	15.5	16.3	21.6	19.7	18.0	17.1	16.2	17.3	19.4		
049000 Ivanhoe Aerodrome AWS	14.8		15.9	15.9	17.6	17.8	14.6	18.0	16.9	13.3	13.2	19.8	13.8	10.8	10.4	9.4	7.9	9.4	8.8	13.2	20.5	18.5	12.7	13.1	18.5	19.4	18.1	14.0	14.4	13.1	16.4	18.7		
050052 Condobolin Ag Research Stn	13.5	+0.8	10.5	8.8	17.8	17.5	15.6	14.7	16.9	17.0	10.5	16.4	11.9	13.6	9.4	8.0	5.5	7.6	4.5	8.0	19.6	18.0	14.5	13.7	15.2	19.1	19.0		13.4	13.4	17.2	15.1		
052088 Walgett Airport AWS	15.8		12.3	19.0	17.0	20.7	15.8	13.8	17.2	17.4	14.5	18.2	20.2	19.5	10.1	6.6	6.8	6.5	5.8	9.7	16.3	23.0	19.6	16.4	15.8	19.7	20.4	18.4	17.8	16.5	17.9	19.6		
053115 Moree Aero	16.4		14.0	17.4	13.6	17.8	17.0	14.0	18.1	18.8	16.7	21.5	16.9	21.0	11.3	8.0	8.7	7.2	8.9	15.2	17.6	21.0	19.1	17.1	14.7	19.4	21.4	19.8	19.0	17.8	19.4	19.2		
054038 Narrabri Airport AWS	15.8		11.0	15.7	12.5	19.6	16.6	11.0	18.3	18.4	14.5	21.8	18.5	19.4	10.3	8.4	7.9	8.5	9.8	12.9	18.2	21.7	19.1	16.7	15.2	19.4	20.8	18.5	17.6	15.7	15.9	19.4		
055325 Tamworth Airport AWS	14.0		10.6	13.4	10.2	15.2	15.4	10.1	13.4	15.9	11.8	17.1	18.9	19.4	10.5	8.2	7.6	5.8	9.3	11.8	12.2	17.6	16.3	16.1	14.0	17.8	18.6	19.0	15.5	14.1	16.1	17.2		
056242 Inverell (Raglan St)	12.7		9.3	12.4	8.1	13.9	14.3	11.4	12.8	14.8	12.4	17.2	17.3	20.3	8.6	3.4	3.4	3.5	5.9	8.9	11.2	14.1	16.9	15.6	11.9	15.8	16.9	18.9	15.1	15.8	12.9	17.9		
057095 Tabulam (Muirie)	14.9		11.8	12.6	12.2	12.2	13.1	13.3	14.2	16.7	15.8	16.1	18.6	19.6	11.6	12.4	13.9	15.3	13.8	14.7	12.7	15.6	17.5	14.5	15.6	16.4	16.2	18.4	16.5	14.8	15.5	16.6		
058012 Yamba Pilot Station	18.5	+1.3	16.6	19.2	15.2	16.5	19.3	17.0	16.7	19.9	18.6	19.8	21.3	21.0	16.8	14.9	15.8	16.5	19.2		17.4	18.9	19.9	19.1	19.4	21.0	20.8	20.9	19.6	17.8	18.1	19.8		
060138 Port Macquarie Airport AWS (Comparison)	15.6		10.0	11.5	9.4	14.8	17.3	11.7	15.4	18.4	14.4	18.1	20.4	20.0	15.8	7.8	6.7	7.8	13.6	14.9	15.9	18.1	18.2	18.3	18.0	19.6	21.1	21.3	18.2	16.4	16.9	19.0		
061078 Williamtown RAAF	15.6	+1.4	8.7	16.1	14.4	17.0	17.9	11.7	15.0	17.7	16.2	16.0	18.5	16.3	14.7	11.1	11.6	10.8	15.2	14.7	16.8	17.6	16.6	16.5	16.9	18.2	20.4	18.0	16.4	15.1	15.1	17.7		
061363 Scone Airport AWS	13.5		6.5	13.3	8.3	15.6	16.2	14.2	13.5	17.2	13.1	15.3	17.5	15.0	12.6	8.0	11.0	6.1	6.0	8.8	13.6	16.2	16.5	14.0	14.9	17.9	19.2	18.3	14.1	12.9	13.8	15.2		
062101 Mudgee Airport AWS	12.2		7.1	6.3	10.7	15.9	14.9	11.5	12.0	15.1	11.5	14.2	16.7	13.2	9.3	4.5	8.2	3.3	7.2	9.1	11.5	16.0	15.5	13.4	13.9	16.9	18.5	17.2	12.1	11.8	12.6	14.8		
063005 Bathurst Agricultural Station	9.8	+1.5	4.8	6.2	7.8	13.8	12.5	8.5	11.2	12.9	7.0	11.7	14.0	10.5	7.3	3.5	5.7	5.4	4.0	6.8	11.5	15.5	12.0	11.0	9.8	13.3	16.0	10.4	10.0	9.8	10.5			
063254 Orange Agricultural Institute			0.5	7.4	9.0	12.4	11.4			9.9	8.0	12.7	13.7	10.6			3.0	5.7	3.3	7.9	14.3	14.3		9.7	9.3	13.9	15.0	14.5	8.9	9.6	10.2			
064008 Coonabarabran (Showgrounds)	12.6	+1.6	8.5	13.5	8.8	16.5	14.5	8.9	13.7	14.9	9.7	15.6	18.0	16.0	9.6	3.7	4.5	5.0	4.0		12.6	18.3	16.2	13.7	12.0	16.8	18.0	17.0	14.7	12.3	12.7	15.0		
065070 Dubbo Airport AWS	13.7		12.4	11.3	13.8	15.4	15.2	13.0	16.3	15.6	12.9	17.1	17.9	17.5	8.9	5.4	4.1	4.0	7.2	12.6	16.2	18.5	16.1	13.7	14.8	17.8	19.1	17.3	13.1	14.0	13.5	15.2		
066214 Sydney (Observatory Hill)	16.1		12.9	16.4	17.3	18.2	16.7	16.2	17.9	17.8	17.1	18.8	17.5	13.0	14.6	13.3	13.0	13.7	13.5	14.9	19.0	17.3	15.3	15.4	16.3	17.8	19.8	16.5	15.2	15.1	14.0	18.1		
067105 Richmond RAAF	14.0		8.3	10.0	9.6	16.3	15.8	14.9	15.7	16.6	16.5	16.2	16.5	11.4	13.5	10.7	10.9	11.3	10.2	11.4	15.2	16.5	14.5	13.9	14.7	17.5	19.4	16.4	13.5	13.7	13.1	16.5		
068072 Nowra RAN Air Station AWS	13.2		8.7	10.9	11.2	16.1	15.6	13.3	16.4	16.3	14.1	16.2	14.1	11.1	12.6	11.1	11.4	10.2	11.2	9.2	16.2	14.8	12.6	11.6	14.8	14.3	18.4	15.0	12.6	12.5	10.9	12.9		
068151 Jersey Bay (Point Perpendicular)	14.9		12.7	15.2	15.9	17.7	15.8	15.9	16.8	16.5	14.8	15.8	14.7	11.7	13.4	12.6	12.8	11.9	12.1	14.3	18.3	15.2	13.5	14.2	16.4	16.5	18.9	15.4	13.4	14.2	15.4	15.4		
068241 Albury Park (Shellharbour Airport)	14.2		8.3	11.6	13.8	15.9	16.2	13.1	16.1	17.4	16.3	17.0	15.8	11.7	13.3	12.3	12.3	8.9	11.8	14.7	16.8	15.9	14.2	14.2	15.1	15.1	19.3	16.5	14.2	14.7	10.9	14.0		
069018 Moruya Heads Pilot Station	13.7	+0.9	12.4	16.0	13.1	16.7	16.6	16.6	15.6	15.9	13.1	15.1	13.9	11.5	12.1	11.1	10.7	8.7	13.0	12.0	18.2	13.9	12.9	12.3	13.1	15.9	18.1	14.9	11.5	12.4	12.4	12.3		
070351 Canberra Airport	9.4		3.9	6.2	4.8	14.7	12.9	13.5	13.2	14.7	12.0	11.0	10.7	8.6	8.8	6.1	6.6	2.4	7.3	5.4	11.7	13.7	10.6	6.8	8.3	13.9	15.0	12.9	9.2	5.0	4.6	8.3		
071041 Thredbo Village	4.4		-2.0	-0.5	5.0	10.5	9.0	7.5	9.0	7.0	1.5	2.5				2.0	4.5	1.0	-0.5	-1.0	1.0	0.0	8.5	6.5	5.8	4.0	3.5	10.5	11.5	7.5	3.0	2.5	1.5	5.5
072150 Wagga Wagga AMD	11.7	+1.3	5.2	11.3	15.8	16.8	15.6	14.6	15.9	14.0	7.4	14.2	5.6	11.6	10.1	7.6	6.3	3.1	4.1	7.9	16.8	13.9	12.9	8.2	13.5	17.0	18.0	15.1	12.6	9.3	12.0	14.3		
072160 Albury Airport AWS	11.8		6.9	9.9	13.6	17.3	15.0	14.1	15.4	14.1	9.1	13.7	5.1	12.3	11.5	7.6	7.8	3.2	6.3	7.7	16.2	14.3	9.3	12.4	11.7	16.9	16.7	15.8	14.0	10.4	12.2	13.3		
072161 Cabramurra SMHEA AWS	5.6		4.9	8.4	9.0	10.1	8.6	8.6	8.9	9.2	6.5	8.6	2.1	5.0	2.8	-1.1	-1.4	-2.5	1.0	5.9	7.5	6.0	5.4	4.1	4.9	10.5	11.7	6.9	2.3	1.5	4.4	9.1		
074258 Deniliquin Airport AWS	10.9		8.4	10.1	19.3	13.2	12.6	14.5	14.0	8.5	5.6	14.2	5.3	10.8	9.3	6.2	8.0	2.6	4.3	8.3	14.3	12.3	5.5	8.3	15.1	17.3	18.1	13.8	9.3	10.8	12.3	14.0		
Victoria		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	29	30		
076031 Mildura Airport	13.2	+0.6	12.7	16.5	20.0	15.0	10.8	16.9	14.5	9.5	9.9	13.4	11.2	9.7	10.1	9.2	9.3	7.2	6.9	14.8	15.2	13.3	9.0	11.4	17.2	19.6	20.4	12.1	14.0	14.0	13.1	17.7		
078015 Nhill Aerodrome	9.2		7.2	10.4	19.5	6.8	6.3	16.7	12.1	5.3	4.9	9.6	3.6	9.4	6.9	4.7	8.4	4.3	3.3	13.3	10.2	9.2	4.3	5.2	15.4	15.6	14.7	9.7	6.6	8.6	11.0	12.8		
080023 Kerang	11.4	+0.1	9.6	10.6	20.5	13.7	10.1	16.4	13.9	8.1	8.3	12.9	7.3	9.9	10.2	5.9	8.9	4.8	5.9	11.3	14.2	12.7	7.6	4.9	16.9	17.4	17.4	12.4	9.7	11.4	12.3	15.9		
081123 Bendigo Airport	9.6		4.8	9.9	18.0	11.2	11.4	14.9	14.4	8.2	4.7	11.4	3.6	9.6	9.4	3.9	7.1	2.3	2.2	5.9	9.9	10.4	8.2	9.8	13.2	15.2	15.0	10.9	9.5	9.4	10.4	11.9		
082038 Rutherglen Research	9.2	+1.0	1.6	5.1	17.3	15.7	10.6	13.9	12.4	10.5	3.7	11.4	0.0	11.5	11.4	5.2	7.3	-0.5	1.2	3.7	15.7	13.8	5.4	10.2	8.4	15.7	15.5	14.7	9.3	6.1	9.0	9.5		
084016 Gabo Island Lighthouse	13.5	+0.5	9.7	13.6	16.8	16.7	14.8	16.4	15.7	13.2	13.0	15.1	11.1	12.9	13.0	10.5	8.6	8.3	10.4	14.0	15.2	13.1	13.4	12.8	13.7	17.0	17.0	13.9	13.4	14.8	12.5	14.7		
084145 Orbost	11.0		6.4	8.6	16.6	16.1	13.6	13.4	14.6	12.3	11.2	12.3	7.3	9.5	11.2	7.9	7.5	7.7	10.2	7.7	13.5	11.3	10.7	9.3	13.6		15.8	12.0	10.0	11.9	7.6	10.1		
085072 East Sale	10.7	+1.0	5.6	10.4	11.6	13.8	14.2	12.3	14.8	11.8	10.9	12.8	5.4	11.0	11.2	6.0	7.1	6.7	8.2	6.0	13.6	11.1	10.9	7.5	11.0	16.2	15.2	13.3	11.6	12.6	7.9	9.8		
085096 Wilsons Promontory Lighthouse	12.0	+0.4	11.2	13.0	15.2	12.7																												

Daily and total rainfall for November 2021

	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	29	30		
New South Wales																																		
048027 Cobar MO	111.4	32	-	-	-	13.8	0.4	-	0.2	15.0	-	-	5.2	27.0	1.0	0.2	-	-	-	-	-	-	3.0	23.6	0.2	-	5.6	15.0	1.2	-	-	-	-	
048245 Bourke Airport AWS	130.8	-	-	-	7.0	30.8	-	-	3.2	-	-	5.0	7.2	0.2	-	-	-	-	-	-	-	-	11.8	20.4	0.2	-	7.0	34.4	3.4	0.2	-	-	-	
049000 Ivanhoe Aerodrome AWS	63.4	-	-	-	8.0	6.4	0.2	-	0.2	0.2	-	-	-	-	7.6	2.0	0.2	-	-	-	-	0.4	2.2	0.2	-	3.2	32.0	0.2	0.4	-	-	-	-	
050052 Condobolin Ag Research Stn	152.5	38	-	-	-	19.6	-	-	-	30.4	-	-	1.3	21.0	4.2	4.2	-	-	-	-	-	0.4	3.2	0.2	-	0.6	10.2	27.0	23.4	1.0	5.8	-	-	
052088 Walgett Airport AWS	184.0	-	-	-	0.2	1.0	0.4	4.8	4.0	-	-	8.6	14.8	0.8	-	-	-	-	-	-	-	-	43.6	23.0	-	0.8	7.2	31.4	-	0.8	17.0	25.6	-	
053115 Moree Aero	160.2	-	-	-	-	3.8	-	-	13.6	-	-	53.0	2.6	-	-	-	-	-	-	-	-	-	49.6	7.2	0.4	-	27.6	-	-	-	-	-	2.4	
054038 Narrabri Airport AWS	181.6	-	-	-	-	15.6	0.8	-	23.4	-	-	45.2	6.6	0.2	-	-	-	-	-	-	-	4.4	25.6	25.2	0.4	1.4	0.2	13.4	0.2	-	19.0	-	-	
055325 Tamworth Airport AWS	191.0	-	-	-	-	7.0	3.4	0.2	68.8	-	-	7.4	8.0	-	0.2	-	-	-	-	-	-	-	32.4	19.2	-	-	14.4	26.8	3.2	-	-	-	-	
056242 Inverell (Raglan St)	195.8	-	-	-	-	0.9	8.4	-	18.0	1.6	-	30.2	4.2	-	1.8	-	-	-	-	-	-	0.8	0.6	61.0	22.2	-	-	14.4	19.8	5.0	6.6	-	0.3	
057095 Tabulam (Muirne)	280.8	1.4	0.2	1.8	-	0.4	11.0	0.6	13.4	0.4	1.6	71.8	4.8	1.2	-	-	-	-	-	-	-	10.2	-	25.0	11.2	24.8	17.2	27.8	4.0	33.8	4.2	4.2	9.8	
058012 Yamba Pilot Station	70.6	110	0.2	-	-	-	-	0.8	0.2	2.8	4.8	-	18.4	5.6	-	-	-	-	-	-	-	-	10.6	4.0	0.6	-	6.0	1.4	12.2	0.2	-	-	2.8	
060139 Port Macquarie Airport AWS (Comparison)	225.8	-	-	-	-	1.0	0.8	-	21.0	-	-	1.6	37.6	-	-	-	-	-	-	-	2.2	-	46.2	36.0	6.4	0.8	45.6	0.4	23.8	1.0	1.4	-	-	
061078 Williamtown RAAF	213.8	79	0.2	-	-	4.0	-	-	21.0	-	0.4	20.2	56.8	0.2	-	-	0.2	-	0.6	-	-	-	5.0	27.6	9.4	0.6	3.4	31.2	16.4	15.8	0.8	-	-	
061363 Scone Airport AWS	265.0	-	-	-	-	7.8	3.6	-	28.4	-	-	17.0	49.2	-	0.2	2.8	-	-	-	-	-	0.4	18.6	59.0	-	-	10.0	45.4	20.4	1.4	-	0.8	-	
062101 Mudgee Airport AWS	178.0	-	-	-	-	5.8	24.4	0.2	3.4	0.2	-	40.4	14.8	1.6	2.6	1.0	-	-	-	-	-	0.6	7.2	8.4	-	0.6	3.6	47.4	11.2	1.8	0.4	2.4	-	
063005 Bathurst Agricultural Station	242.4	58	-	-	-	15.8	11.6	3.6	»	17.0	-	27.2	70.4	8.2	1.6	4.6	0.2	-	-	-	-	0.8	22.8	2.2	-	1.4	1.6	37.8	2.4	-	2.0	0.8	-	
063254 Orange Agricultural Institute	307.0	71	-	-	-	16.0	19.8	»	»	30.4	-	13.6	68.4	»	»	40.2	0.2	-	-	-	-	1.0	»	19.6	-	2.4	5.6	50.4	»	28.0	8.8	0.2	-	
064008 Coonabarabran (Showgrounds)	254.2	69	-	-	-	0.2	19.2	1.0	-	41.5	0.2	0.8	3.4	30.8	1.4	1.8	1.2	-	-	-	-	0.2	18.2	50.0	0.2	0.2	12.3	40.4	3.6	4.0	14.8	8.8	-	
065070 Dubbo Airport AWS	180.8	-	-	-	-	7.8	7.2	-	-	-	-	5.8	46.0	1.0	2.2	1.6	-	-	-	-	-	-	5.8	14.0	-	-	1.4	66.0	21.8	-	0.2	-	-	
066214 Sydney (Observatory Hill)	137.0	-	-	-	-	7.6	-	0.4	9.6	1.4	-	17.6	16.8	0.2	0.4	0.8	-	-	-	-	1.0	0.2	13.0	18.4	2.8	0.4	6.0	21.4	17.0	2.0	-	-	-	
067105 Richmond RAAF	254.6	-	-	-	0.6	19.0	20.6	0.6	37.2	23.2	0.2	20.2	26.8	0.2	-	-	-	-	-	-	-	7.2	23.0	1.6	2.4	6.0	49.4	15.8	0.6	-	-	-	-	
068072 Nowra RAN Air Station AWS	220.8	-	-	-	-	29.4	4.4	9.8	11.2	5.4	2.8	9.8	39.6	4.8	7.6	-	-	-	-	-	-	0.6	28.4	2.2	-	-	7.0	17.4	36.8	3.6	-	-	-	
068151 Jervis Bay (Point Perpendicular)	190.0	-	-	-	-	25.2	4.2	9.0	9.4	-	2.2	5.4	31.4	3.6	8.8	-	1.6	3.0	-	-	-	3.0	21.2	1.8	-	-	3.6	37.4	19.2	-	-	-	-	
068241 Albion Park (Shellharbour Airport)	152.0	-	-	-	-	24.6	9.0	2.4	1.2	-	1.0	13.4	29.8	13.6	1.4	0.2	-	-	-	-	-	3.2	23.6	0.8	0.6	-	4.8	12.8	9.4	0.2	-	-	-	
069018 Moruya Heads Pilot Station	165.4	104	-	-	-	1.4	15.0	0.6	8.4	2.6	6.4	2.8	6.2	17.8	4.4	11.2	-	-	-	-	-	12.8	11.0	0.8	-	-	0.2	30.4	30.6	2.8	-	-	-	
070351 Canberra Airport	152.6	-	-	-	-	11.6	25.4	0.6	16.6	-	-	0.8	30.8	5.8	7.2	5.6	0.6	-	-	-	-	-	2.0	6.4	-	-	7.6	28.8	4.8	-	-	-	-	
071041 Thredbo Village	294.0	-	-	-	-	21.2	18.8	4.2	18.6	4.6	1.0	1.2	»	25.4	32.4	11.2	30.2	6.8	-	-	3.2	3.1	4.4	0.2	-	2.8	5.4	49.1	42.0	-	-	8.2	-	
072150 Wagga Wagga AMD	158.4	41	-	-	-	25.0	6.8	-	12.8	0.2	-	0.4	0.6	13.6	13.4	1.2	7.0	0.6	-	-	-	6.4	2.2	-	-	3.2	22.0	12.4	30.6	-	-	-	-	
072160 Albury Airport AWS	123.4	-	-	-	-	15.4	0.2	-	12.4	-	-	-	23.2	20.6	0.6	1.2	-	-	-	-	-	0.4	0.2	-	-	15.4	12.4	10.8	10.6	-	-	-	-	
072161 Cabramurra SMHEA AWS	275.6	-	-	-	-	30.0	10.6	1.2	7.4	1.2	-	0.6	9.2	14.0	44.2	23.8	10.8	3.4	-	-	-	8.2	30.0	2.0	-	4.4	17.0	46.6	11.0	-	-	-	-	
074258 Deniliquin Airport AWS	46.2	-	-	-	-	14.2	-	-	-	-	-	-	7.6	13.0	-	0.6	0.2	-	-	-	-	1.0	-	-	-	6.6	3.0	-	-	-	-	-	-	
Victoria																																		
076031 Mildura Airport	56.6	22	-	-	2.4	7.6	-	-	9.2	0.2	-	0.2	22.8	5.0	0.2	2.2	0.6	-	-	-	2.6	0.4	2.8	-	-	0.2	-	-	-	-	-	-	-	-
077008 Birchip (Woodlands)	54.4	25	-	-	»	20.4	-	-	7.8	-	-	7.4	-	9.2	3.6	-	-	-	-	-	-	-	-	-	-	6.0	-	-	-	-	-	-	-	
078015 Nhill Aerodrome	7.6	-	-	-	0.2	1.0	0.2	-	1.2	0.2	-	3.8	-	-	0.6	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
080023 Kerang	31.4	30	-	-	-	17.0	-	-	1.0	-	-	0.4	0.2	4.8	5.4	-	1.8	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-
081123 Bendigo Airport	58.0	-	-	-	-	38.6	-	-	1.4	0.2	-	3.2	-	3.0	7.0	-	4.0	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
082039 Rutherglen Research	105.0	42	-	-	-	15.8	-	-	8.4	0.2	-	-	20.2	18.0	0.4	0.4	0.2	-	-	-	-	0.6	-	-	-	-	29.0	0.6	11.2	-	-	-	-	
083085 Mount Hotham	187.2	-	-	-	-	3.4	14.0	8.4	-	0.4	-	29.6	27.2	3.6	6.4	-	-	-	-	-	-	0.6	1.8	11.2	-	33.2	-	42.6	1.2	-	-	3.6	-	
084016 Gabo Island Lighthouse	142.6	86	-	-	-	2.2	18.6	3.0	0.4	-	-	2.6	20.8	57.0	10.6	4.0	4.8	0.4	-	-	0.4	5.4	1.2	-	-	-	10.4	0.8	-	-	-	-	-	
084145 Orbost	192.0	-	-	-	-	13.2	22.8	6.6	2.8	8.2	-	5.6	11.2	50.2	22.4	2.4	0.8	0.2	-	-	-	6.2	0.4	-	-	9.8	1.0	27.2	0.8	0.2	-	-	-	
085072 East Sale	122.2	59	-	-	-	16.0	9.2	-	8.0	-	-	0.8	5.8	10.8	40.8	12.0	9.4	1.8	-	-	-	0.2	-	-	-	1.4	-	5.6	0.4	-	-	-	-	
085096 Wilsons Promontory Lighthouse	103.8	66	-	-	-	27.4	-	-	20.6	-	-	18.8	5.6	3.4	2.8	3.2	16.6	4.0	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-
087031 Laverton RAAF	67.0	49	-	-	-	14.2	0.2	-	4.8	0.2	-	11.4	4.0	2.0	27.2	0.2	2.0	-	-	-	-	0.6	-	-	-	-	-	-	-	0.2	-	-	-	
087184 Breakwater (Geelong Racecourse)																																		