



Australian Government
Bureau of Meteorology

Monthly Weather Review Australia April 2019



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/.

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

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Cover photograph

Leaves of *fagus* (deciduous beech) just starting to turn from green to gold as autumn approaches on the Tarn Shelf, Mount Field National Park. *Nothofagus gunnii* is endemic to a small number of Tasmanian alpine areas, and is one of Australia's few true winter-deciduous plants.

Photograph by Ian Barnes-Keoghan, 10 April 2010. Used with permission.

Overview

- April much warmer than average for Australia
- Both mean maximum and minimum temperature above average for most of the country
- Amongst the ten warmest Aprils on record for New South Wales, South Australia, and the Northern Territory
- Rainfall for the month was below to very much below average for much of mainland southeastern Australia
- Rainfall above average for Western Australia's Gascoyne, areas around the northern coast of Australia, and in a band between Central Coast Queensland and northwestern New South Wales

Australia experienced its equal-seventh-warmest April on record. It was a warm month across most of Australia, with New South Wales, South Australia, and the Northern Territory all observing monthly mean temperatures among the warmest ten on record.

The persistence of strong high pressure systems over the southern Tasman Sea continued during April, and

impeded the passage of cold fronts and intrusion of moist tropical air over the southeast of the continent. This resulted in below to very much below average rainfall for much of mainland southeastern Australia, including Victoria, most of the southeastern quarter of South Australia, the eastern half of New South Wales and border regions of the west and south of that State.

Below average rainfall extended into the inland southeast of Queensland, and also affected eastern Tasmania, northern South Australia, most of the southern two thirds of the Northern Territory, and parts of Western Queensland.

Rainfall was above average for much of the Gascoyne and part of the northern Goldfields in Western Australia, and for pockets of Cape York and in a band extending from Queensland's Central Coast, through parts of central and southern Queensland and into northwestern New South Wales.

Areal averages in April 2019

	Rainfall anomaly	Mean maximum temperature anomaly	Mean minimum temperature anomaly	Mean temperature anomaly
Australia	-31%	+1.46 °C 8th-highest	+1.24 °C equal 8th-highest	+1.35 °C equal 7th-highest
Western Australia	-15%	+1.58 °C	+1.01 °C	+1.30 °C
Northern Territory	-18%	+1.54 °C	+1.74 °C 6th-highest	+1.64 °C 9th-highest
South Australia	-84%	+2.46 °C 6th-highest	+0.80 °C	+1.63 °C 10th-highest
Queensland	-17%	+0.37 °C	+1.29 °C	+0.83 °C
New South Wales	-59%	+2.11 °C 7th-highest	+1.83 °C 7th-highest	+1.97 °C 5th-highest
Victoria	-78% 6th-lowest	+1.62 °C equal 5th-	+0.83 °C	+1.23 °C
Tasmania	-11%	+0.31 °C	-0.40 °C	-0.04 °C

Extremes in April 2019

	Hottest day	Coldest night	Wettest day	Warmest overall	Coolest overall	Wettest overall	Strongest wind gust
Australia	43.3 °C at Mardie (WA) on the 7th	-7.3 °C at Liawenee (Tas.) on the 4th	230.0 mm at Bellenden Ker Top Stn (Qld) on the 2nd	30.9 °C at Fitzroy Crossing Aero (WA)	5.8 °C at Mount Read (Tas.)	669.0 mm at Topaz (Qld)	144 km/h at Wilsons Promontory Lighthouse (Vic.) on the 26th
Western Australia	43.3 °C at Mardie on the 7th	0.4 °C at Jarrahwood on the 21st	105.0 mm at Hill Springs on the 12th	30.9 °C at Fitzroy Crossing Aero	15.2 °C at Shannon	130.6 mm at Troughton Island	94 km/h at Norseman Aero on the 11th
Northern Territory	39.0 °C at Brunette Downs on the 9th	4.9 °C at Arltunga on the 13th	163.6 mm at Fish River on the 10th	30.2 °C at Bradshaw	20.5 °C at Arltunga	587.8 mm at Gove Airport	83 km/h at Rabbit Flat on the 17th
South Australia	38.7 °C at Ceduna AMO on the 16th	-0.8 °C at Gluepot Reserve (Gluepot) on the 11th	17.6 mm at Nullarbor on the 21st	23.3 °C at Marree Aero	14.5 °C at Coonawarra	24.3 mm at Flinders Chase (Rocky River)	98 km/h at North Shields (Port Lincoln AWS) on the 5th
Queensland	36.8 °C at Normanton Airport on the 4th	4.0 °C at Stanthorpe Leslie Parade on the 29th	230.0 mm at Bellenden Ker Top Stn on the 2nd	29.6 °C at Normanton Airport	16.5 °C at Applethorpe	669.0 mm at Topaz	91 km/h at Marion Reef on the 20th
New South Wales	36.1 °C at Bourke Airport AWS on the 8th	-7.2 °C at Perisher Valley AWS on the 27th	138.4 mm at Bendalong STP on the 23rd	22.6 °C at Wanaaring (Borrone Downs AWS)	7.0 °C at Thredbo AWS	248.0 mm at Promised Land (Bellingen (Crystal Creek)	107 km/h at Thredbo AWS on the 30th
Victoria	35.2 °C at Walpeup Research on the 16th	-4.9 °C at Falls Creek on the 27th	42.0 mm at Mount Baw Baw on the 9th	18.3 °C at Mildura Airport and Walpeup Research	7.1 °C at Mount Hotham	98.6 mm at Mount Baw Baw	144 km/h at Wilsons Promontory Lighthouse on the 26th
Tasmania	29.8 °C at Campania (Kincora) on the 17th	-7.3 °C at Liawenee on the 4th	79.2 mm at Mount Read on the 28th	15.6 °C at Hogan Island and Swan Island	5.8 °C at Mount Read	390.4 mm at Mount Read	135 km/h at Maatsuyker Island Lighthouse on the 24th and 25th and 26th

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.

Significant weather

Severe winds in South Australia

Windy conditions affected western and southern South Australia ahead of a strong front on 5 April. Strong to gale force and gusty north to northwesterly winds developed from mid-morning over Eyre Peninsula and central districts, with the strongest winds occurring over the south of the peninsulas during the early afternoon.

At Port Lincoln Airport on Lower Eyre Peninsula, gale force northwest to westerly winds averaging 76 km/h with gusts to 98 km/h occurred around 1 pm just ahead of the front. At Hindmarsh Island in the southern Mount Lofty Ranges, winds averaging 63 km/h with gusts to 95 km/h occurred at 1:30 pm. The SES responded to 74 requests for assistance, most related to downed trees and other wind related damage.

Raised dust across southern South Australia

Unusually warm and dry during April, combined with windy conditions, led to elevated fire danger and significant areas of raised dust across southern South Australia, including across the Adelaide area. Low visibility from the thick dust created hazardous road conditions and South Australian Police closed the Augusta Highway (Highway 1) near Port Wakefield for a period. The dust contributed to ambulance staff attending to a higher than usual number of patients with breathing difficulties.

Severe or higher fire danger was observed in 11 of the 15 districts, with fire dangers reaching the extreme category in the Mount Lofty Ranges and Yorke Peninsula, and briefly into the catastrophic category on Lower Eyre Peninsula, as a front moved through. This was the highest observed fire danger on Lower Eyre Peninsula since November 2015. South Australia power networks cut power to Lower Eyre Peninsula as a precautionary measure to mitigate the fire risk, affecting over 50,000 customers.

Tropical cyclone Wallace

Tropical cyclone *Wallace*, the third cyclone of the season in the northwest Western Australia region, developed off the north Kimberley coast on the 6th. *Wallace* maintained a steady southwesterly track off the northwest coast and briefly intensified to category 3 system before downgrading to a low on the 10th.

Severe thunderstorms east of Perth

An area of severe thunderstorms developed east of Perth early on the 3rd. Toodyay reported large hail and

some minor damage and there were reports of power outages affecting around 27 000 homes.

Severe wind gusts in southern Western Australia

A thunderstorm produced a severe wind gust of 94 km/h at Norseman Aero on the 11th.

A strong cold front produced severe coastal wind gusts and small hail in the South West Land Division between the 19th and 21st.

On the 19th, snow fell on Bluff Knoll, a house roof was blown off at Alkimos (a northern suburb of Perth), and small hail was reported in Perth and Albany. The State's Fire and Emergency Services responded more than 60 calls for assistance in the western and southern South West Land Division.

Flooding in western Queensland

Major flooding continued across western Queensland into April, following heavy falls associated with ex-tropical cyclone Trevor at the end of March. Flood warnings were issued for the Georgina/Eyre, Diamantina, Thomson/Barcoo/Cooper, Bulloo, Paroo and Warrego catchments.

Major flood levels were recorded across the Channel Country catchments (Georgina/Eyre, Diamantina and Thomson/Barcoo/Cooper) with further inflows into Kati Thanda / Lake Eyre expected throughout April, May and June. Significant flooding was also recorded in the Bulloo, Paroo and Warrego catchments during early to mid-April but the most significant flooding was recorded further to the west.

Inflow from Queensland catchments continued into northeast South Australia

Inflows from Queensland continued throughout April following on from major flooding in the Diamantina catchment in February/March.

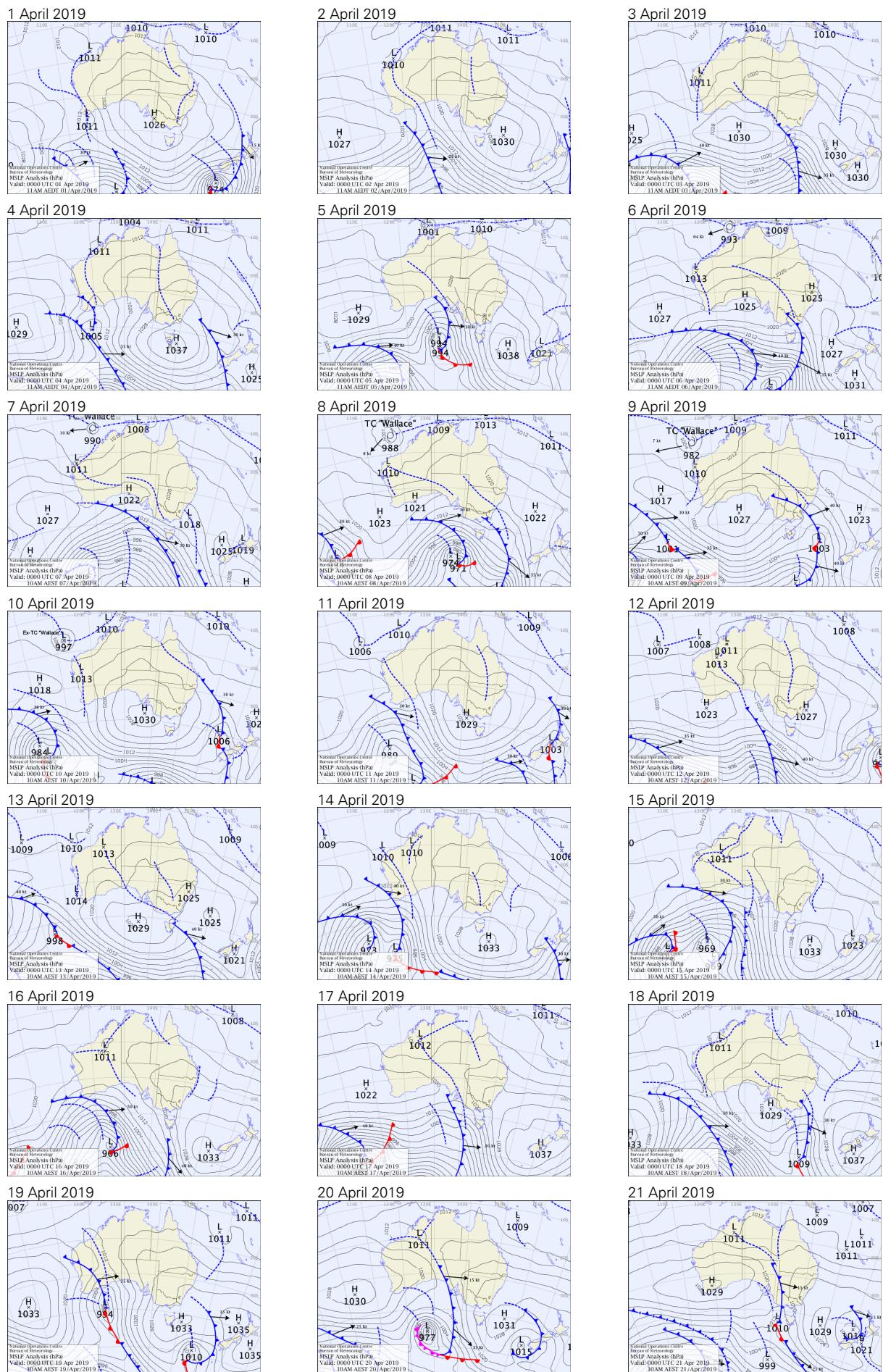
Estimated inflows into Kati Thanda / Lake Eyre from the first event have left the Lake about half full but with the follow-up inflows it is possible by June the lake could be about two thirds to three quarters full. For context; 1974 event resulted in the Lake being completely filled while 2010 was about one third full. It is possible that this is the most significant fill event in Kati-Thanda / Lake Eyre since 1974.

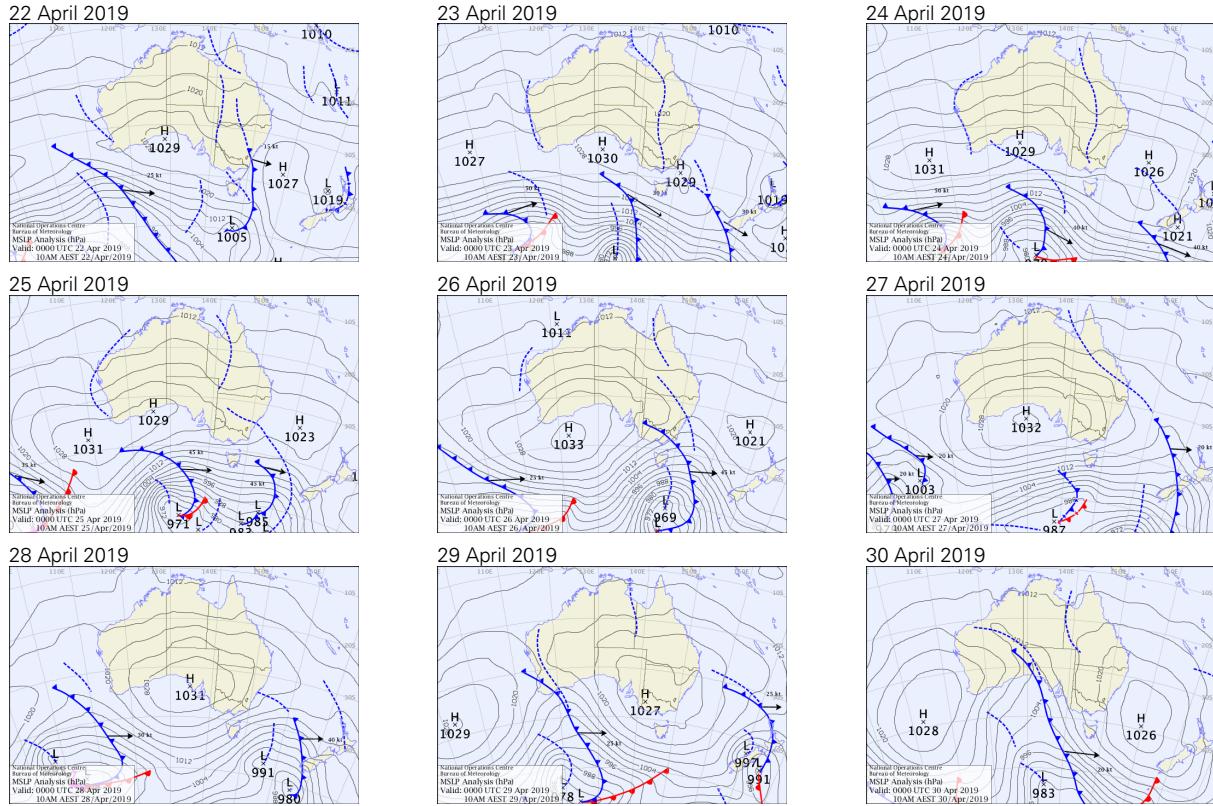
Heavy rainfall in the Northern Territory

Associated with a tropical low over the Timor Sea, a band of heavy thunderstorms produced rainfall in excess of the 10 year annual exceedance probability (roughly equivalent to 1-in-10 year rainfall rate) at

Fish River in the western Top End: 137 mm was observed in a 3-hour period on the 9th.

Synoptic analyses and summary





Synoptic summary

During the first week of the month, southern Australia was mainly dominated by high pressure systems interspersed with weak frontal systems that brought little rainfall. In the north, a monsoon trough was located just north of Australia with an embedded tropical low off the northwest of the Northern Territory.

This system tracked southwest and intensified into tropical cyclone Wallace off the Kimberley coast on the 6th. Wallace moved west southwest off the northwest coast of Australia, and briefly intensified to a category 3 before it deteriorated to a tropical low by the 10th.

Large high pressure systems lingered over the Bight and to the east of Tasmania for several days.

By the middle of the month, a strong cold front and pre-frontal trough tracked over Western Australia, followed by a series of cold fronts that brushed the southern coastline of Australia. A strong cold front interacted with a surface and upper level low by the third week and produced widespread falls in western New South Wales.

In the last part of the month, a surface and broad upper-level low over southern Queensland, before moving eastwards through Queensland's central interior and southeast and generated widespread falls. In the south, a pair of cold fronts tracked across the southeast, with a strong westerly flow affecting western Tasmania until the end of the month.

Temperatures

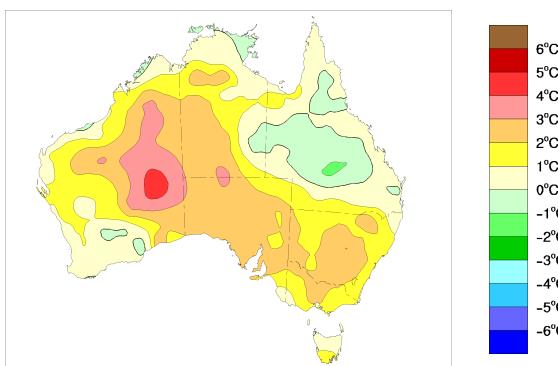
The national mean temperature was 1.35 °C above average and equal-seventh-warmest April on record. The mean maximum and minimum temperature for the month were eighth-warmest and equal-eighth-warmest on record, at 1.46 °C and 1.24 °C above average respectively.

The warmest on average was Fitzroy Crossing Aero with 30.9 °C. The coolest on average was Mount Read with 5.8 °C.

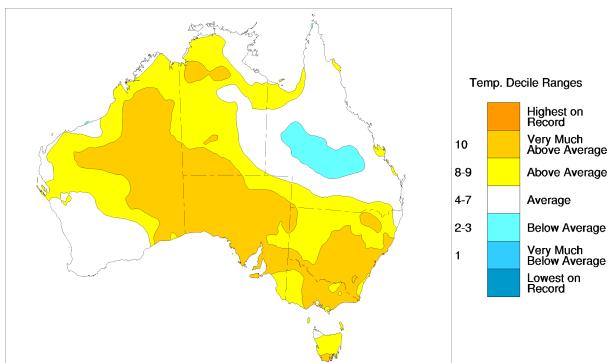
Maximum temperatures

Maximum temperatures were above average over much of Australia. The mean maximum temperature was very much above average across most of Victoria except the Wimmera and Western District and Alpine areas, much of New South Wales excluding parts of the north and west, most of South Australia, the far southwest of the Northern Territory, and much of the eastern half of Western Australia.

Anomalies of mean daily maximum temperature in April 2019



Decile rank of mean daily maximum temperature in April 2019



Mean maximum temperatures were close to average across the northern coasts and southwest quarter of Western Australia and across much of Queensland away from the southern border and Gulf Country. A region of Queensland's central interior observed a

cooler than average mean maximum temperature due to persistent, cool easterly winds.

On the 4th and 5th, a high pressure system in the Tasman Sea combined with a pre-frontal trough in the southeast Western Australia directing warm and gusty northerly air across southeastern Western Australia, southern South Australia and into western Victoria with daytime temperatures 8 to 12 degrees warmer than average. Eyre in the southeast Western Australia coast recorded its first ever 40 degree day in April (41.5 °C on the 4th).

The persistent broad trough in the northern Western Australia saw temperatures staying in the high thirties and low-forties, and the highest temperature of April, 43.3 °C was recorded at Mardie in the Pilbara coast in Western Australia on the 7th.

A deepening low pressure system to the south of Tasmania and a high pressure in the Bight directed a cold front and cool southwesterly winds over the southeast on the 9th, and Mount Baw Baw in Victoria recorded the lowest daily maximum temperature of the month with 0.2 °C.

In the west, a trough near the west coast of Western Australia moved slowly inland and produced hot days with daytime temperatures 10 to 12 degrees above average through southern regions of Western Australian from the 9th to 11th.

A number of temperature records were reported in inland Gascoyne and Goldfields districts and Kalgoorlie-Boulder Airport's 40.1 °C on the 11th was its first ever 40 degree April day.

Unusual late season warmth was experienced between the 14th and 20th across southern and southeastern regions of the country. A combination of a high pressure system to the southeast of Tasmania and approaching cold fronts directed warm air from the north into southern areas of South Australia, southwestern New South Wales, into Victoria and over Tasmania. Maximum temperatures more than ten degrees warmer than average were experienced during this time.

A strong cold front followed by an air mass from deep over the Southern Ocean produced a record cold period over western and southern Western Australia between the 19th and 21st.

A strong high pressure system over the Great Australian Bight extended a ridge into central Australia and into Queensland for the last week of April. A slow moving surface trough and associated cloud slowly moved through central Queensland with a frontal

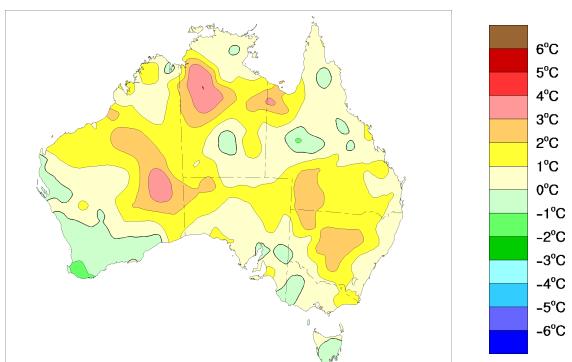
system and associated thick cloud extended over southwest Western Australia, as this system moved eastwards, cloud covered much of the country and relatively cool days were experienced for during the last week of April.

The warmest days on average were at Fitzroy Crossing Aero with 38.5 °C. The coolest days on average were at Mount Read with 8.6 °C.

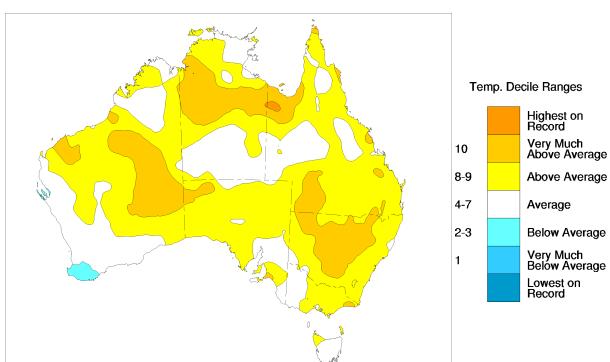
Minimum temperatures

The mean minimum temperature for the month was warmer than average for most of Australia, but close to average for much of Tasmania; parts of western Victoria and southeastern South Australia; much of the west and south of Western Australia and parts of the Kimberley; across the south of the Northern Territory and into adjacent western Queensland; the eastern Top End; and for some patches of eastern Queensland about the Central Highlands and Cape York.

Anomalies of mean daily minimum temperature in April 2019



Decile rank of mean daily minimum temperature in April 2019



The mean minimum temperature was very much above average (in the highest 10% of historical

observations) across much of central New South Wales, far southwestern Queensland, between Queensland's Gulf Country and the Northern Territory's Victoria River District, and for much of Western Australia's Interior District.

The first few days of the month, a surface trough and high pressure ridge across Western Australia generated warmer than average conditions across southwestern regions. The surface trough shifted eastwards ahead of a cold front which moved over the south of the country from the 4th.

A strong high pressure system sitting near Tasmania brought clear skies and slight winds and the coldest minimum temperature for April, –7.3 °C was reported at Liawenee in Tasmania on the 4th. Much of the mainland experienced warmer than average overnight temperatures during the first week, while a series of cold fronts brought cool air across the southeast between the 4th and 10th.

A high established in the Bight from around the 9th once again generated warmer than average conditions across Western Australia and the warmest night in Australia, 30.0 °C at Halls Creek Airport in Western Australia on the 9th. Warm nights continued across the western half of Australia for several days and part of southern Western Australia experienced overnight temperatures more than ten degrees above average on the 11th.

There was unusual late season warmth for much of the southeast between the 14th and the 20th. Record warm nights were experienced on the 17th for many sites in Tasmania, South Australia, and Victoria in a northerly flow ahead of an approaching cold front. Cape Otway, with 156 years of data, recorded 24.3 °C, exceeding its previous April record by 1.5 °C.

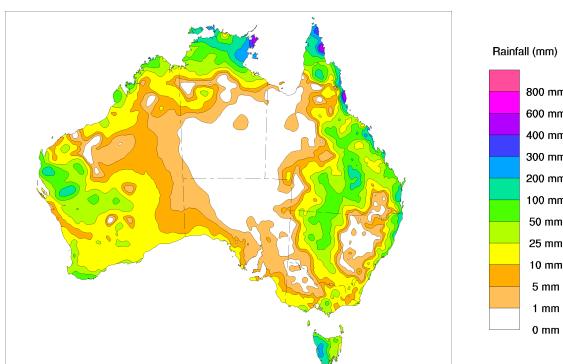
From the 20th, a ridge of high pressure over southern Western Australia brought clear skies and cool nights across the southwest corner of the state which remained through to the end of the month. While a lingering surface trough through the eastern interior of Australia generated cloud and warmer nights across southeastern South Australia, western New South Wales and Victoria between the 21st and 26th.

The morning of the 27th was cold, with many sites in inland parts of the Victoria recording negative overnight temperatures as very cold air was directed across the southeast corner of Australia due to a strong high pressure system in the Bight.

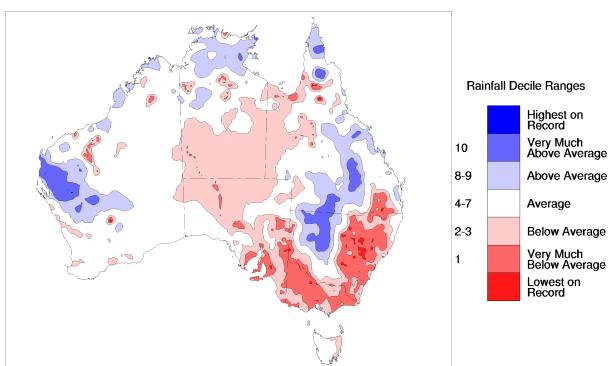
Rainfall

During the first week of April, a monsoon trough and embedded low pressure systems off the mainland in northern Australia generated moderate falls to the Top End of the Northern Territory and across to the Kimberley in Western Australia, the Cape York Peninsula and northeast tropical coast of Queensland. The wettest single day was at Bellenden Ker Top Stn with 230.0 mm on the 2nd.

Total rainfall in April 2019



Decile rank of total rainfall in April 2019



In the west, a cold front and surface trough generated a cloudband over southern Western Australia and light falls through the South West Land Division from the 2nd. While onshore southeasterly flow produced showers along the southeast Queensland and northern half of coastal New South Wales.

On the 4th, a trough through inland New South Wales tracked eastwards and generated showers along the

southern half of the coast. A series of cold fronts, with associated cloudbands, crossed Tasmania that brought moderate falls to the western and northern regions of the State between the 4th and 6th.

In the early hours of the 6th, a tropical low embedded on the monsoon trough to the north of the Kimberley intensified into tropical cyclone Wallace. The system had little impact on the mainland and remained well off the northwest coast of Australia.

From the 10th, a surface trough near the west coast of Western Australia began moving inland and through central parts of the State, while a series of cold fronts brushed the southwest of Western Australia. These features combined and generated moderate falls large parts of the Pilbara and Gascoyne, through parts of the South West Land Division and Goldfields District till around the 15th.

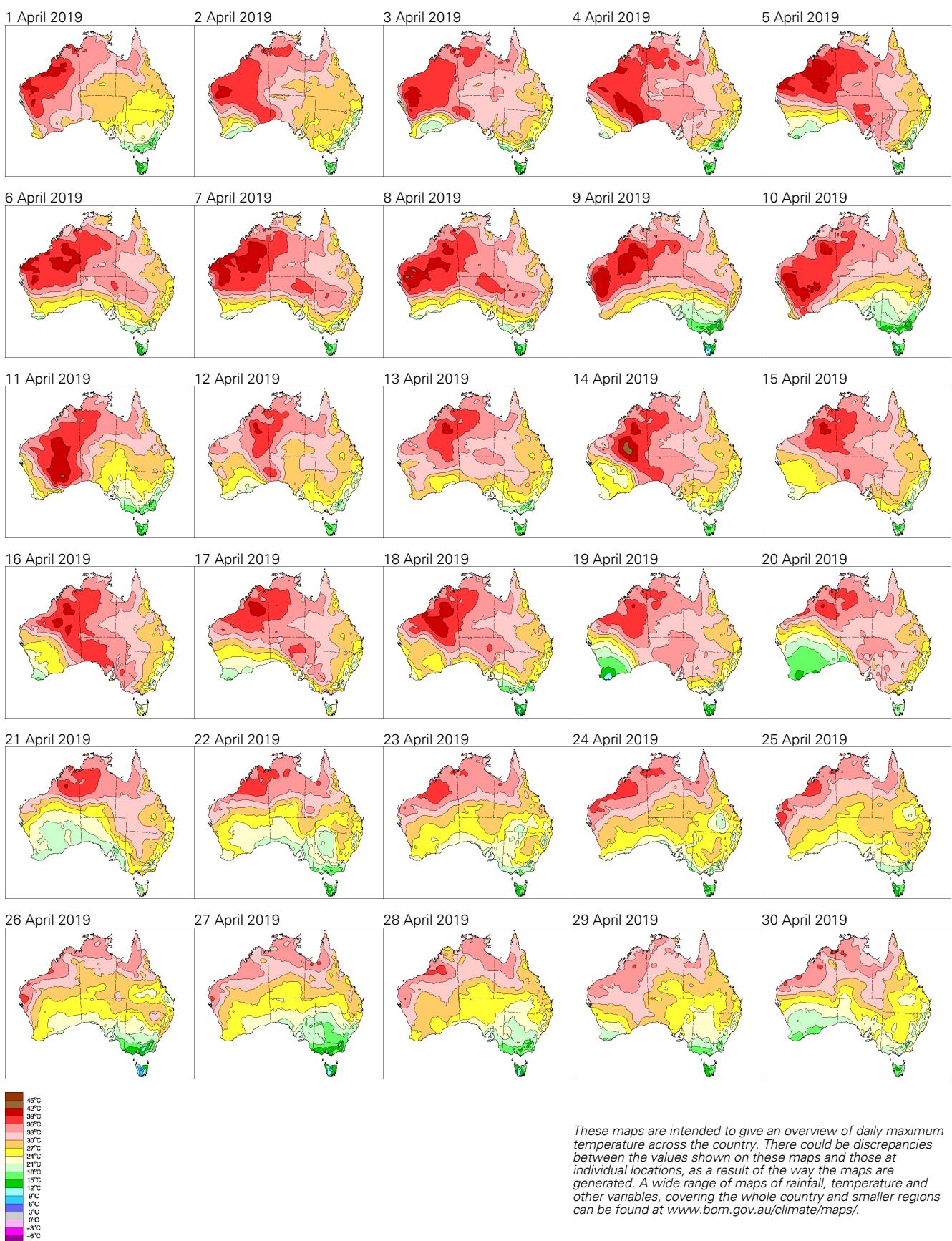
Over the following few days a series of cold front tracked over southern parts of the country. On the 17th, a strong front tracked across southeast Australia and delivered moderate falls in western Tasmania. Southwestern and southern coastal regions of Western Australia received moderate falls as another cold front tracked across the southwest on the 18th. As this cold front tracked eastwards across southern parts of South Australia, moderate falls were experienced in the South West Coast and Eyre Peninsula districts around the 21st.

Meanwhile, a high pressure ridge along the east coast of Australia produced onshore showers and moderate falls in Queensland's north tropical and southeast coasts, and northeastern New South Wales between the 20th and 21st.

A cloudband, associated with a surface trough, extended through the eastern interior of Australia from the 22nd. With embedded thunderstorms the system produced moderate falls in western to central New South Wales; parts of southwest Queensland, extending into areas of central Queensland, and through the central interior, and along central coastal regions by the 27th.

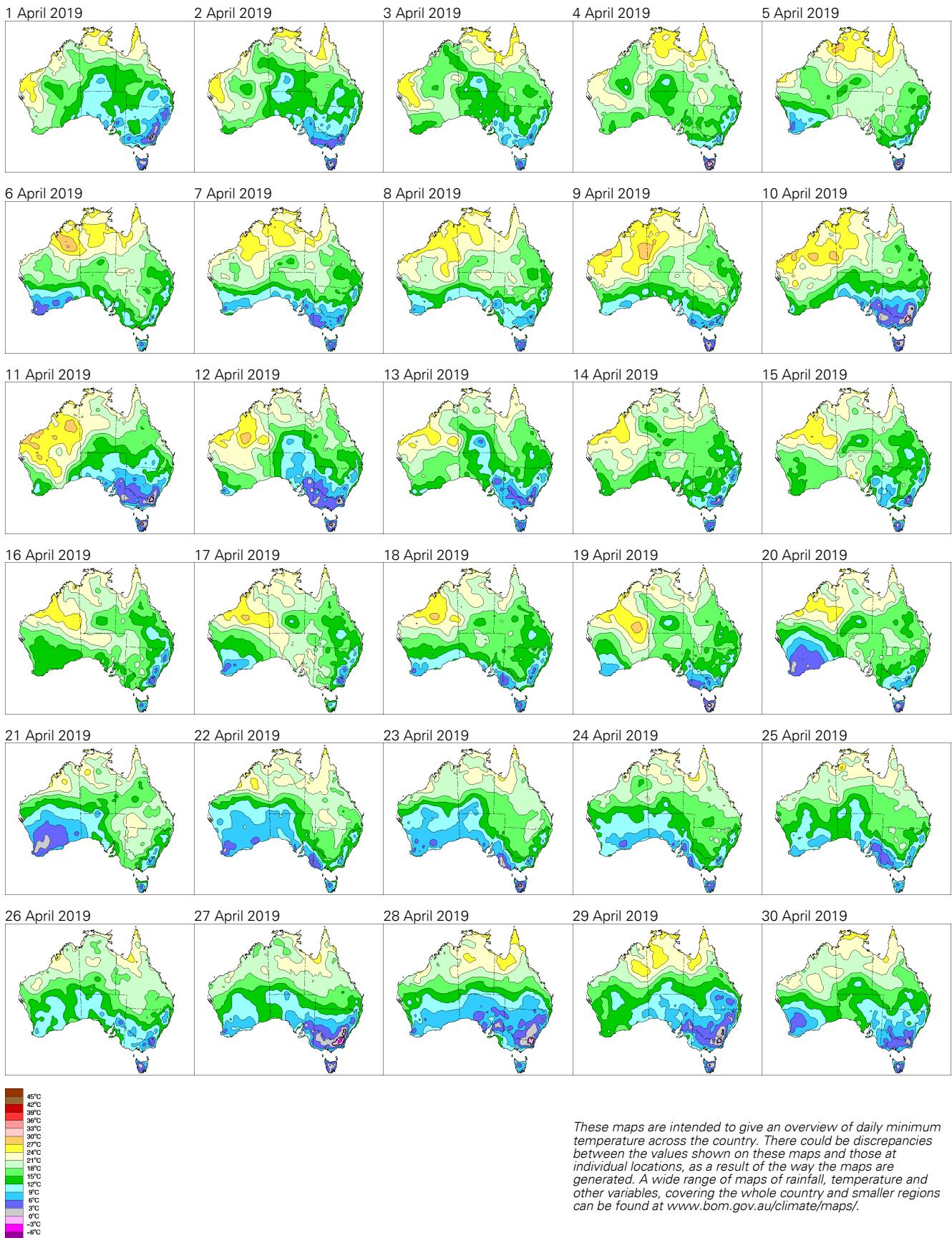
Daily maps

Daily maximum temperature maps



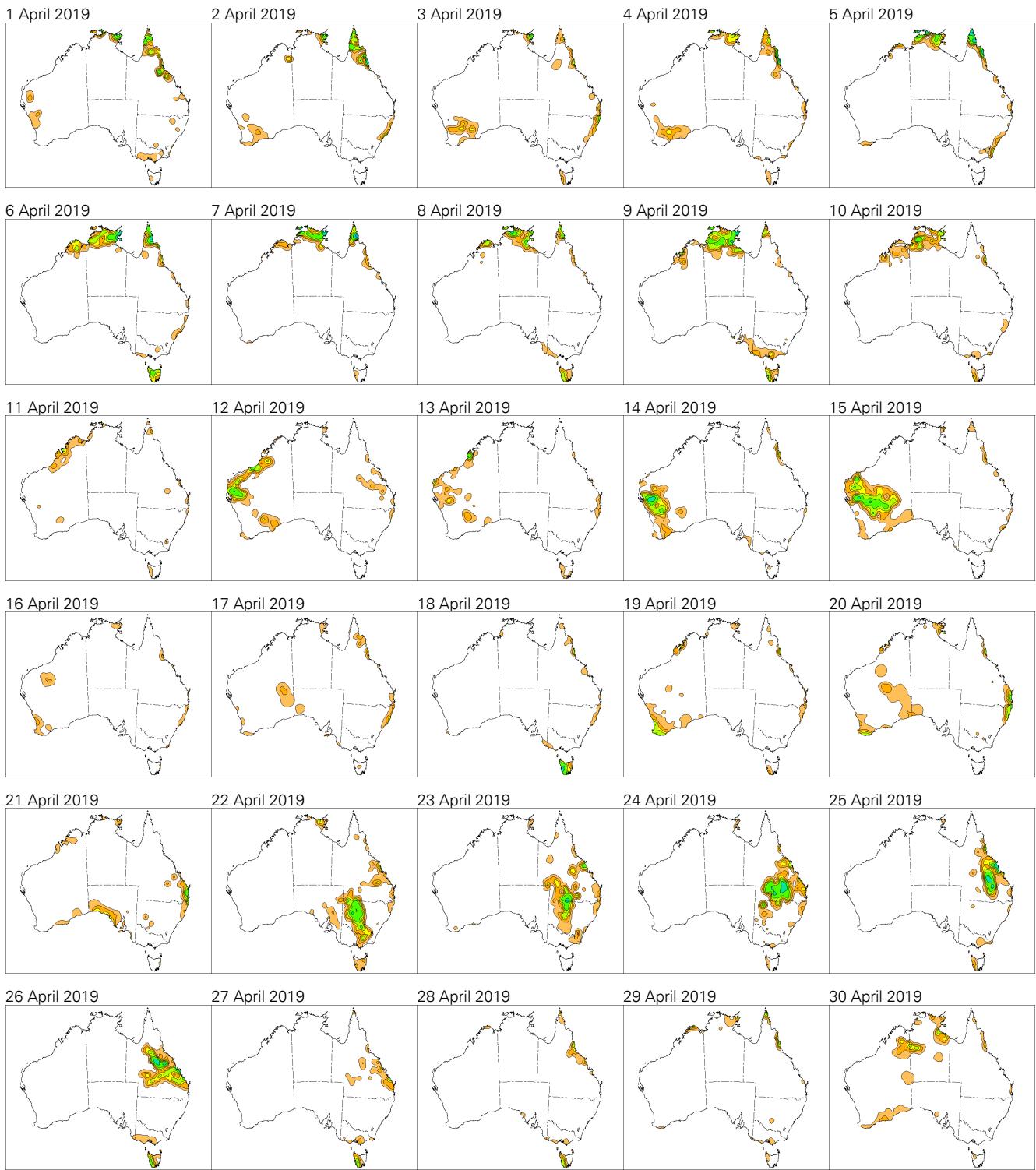
These maps are intended to give an overview of daily maximum temperature across the country. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated. A wide range of maps of rainfall, temperature and other variables,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

Daily minimum temperature maps

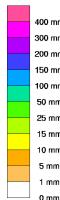


These maps are intended to give an overview of daily minimum temperature across the country. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated. A wide range of maps of rainfall, temperature and other variables,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

Daily rainfall maps



Rainfall (mm)



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 April daily maximum temperature

		New record	Old record	Years of record
Western Australia				
006099	Murchison	41.0 on 9th	40.0 on 3rd in 2016	30
007139	Paynes Find	39.3 on 9th	38.2 on 10th in 2013	38
011019	Eyre	41.5 on 4th	39.1 on 12th in 2005	31
012038	Kalgoorlie-Boulder Airport	40.1 on 11th	38.9 on 4th in 1945	79
Tasmania				
094020	Dover	29.1 on 17th	28.6 on 2nd in 2005	30

Record lowest April daily maximum temperature

		New record	Old record	Years of record
Western Australia				
009193	Rottnest Island	16.3 on 20th	16.6 on 26th in 2006	30
010647	Wagin	12.8 on 19th	= 12.8 on 15th in 1976	46
Tasmania				
091107	Wynyard Airport	10.3 on 26th	10.7 on 29th in 1966	34
094020	Dover	9.5 on 26th	9.6 on 27th in 2009	30
<i>= indicates the new record equals the old one.</i>				

Record lowest April daily minimum temperature

		New record	Old record	Years of record
Western Australia				
005007	Learmonth Airport	11.2 on 22nd	12.9 on 21st in 2008	45
009193	Rottnest Island	10.3 on 20th	11.6 on 12th in 2003	30
010622	Ongerup	1.9 on 23rd	2.5 on 13th in 1967	51

Record highest April daily minimum temperature

		New record	Old record	Years of record
Western Australia				
001025	Doongan	25.0 on 9th	= 25.0 on 13th in 1998	31
002056	Kununurra Aero	27.6 on 5th	27.5 on 3rd in 1999	34
007045	Meekatharra Airport	27.9 on 11th	25.1 on 4th in 2016	70
007139	Paynes Find	27.4 on 10th	24.4 on 5th in 2007	38
010515	Beverley	22.2 on 1st	21.5 on 1st in 1989	50
010626	Pingelly	21.2 on 1st	20.8 on 4th in 1971	49
010647	Wagin	20.7 on 1st	20.5 on 15th in 1999	46
Northern Territory				
014626	Daly Waters Airstrip	26.1 on 6th	25.7 on 13th in 1961	50
South Australia				
018120	Whyalla Aero	25.4 on 17th	23.2 on 6th in 2012	32
023733	Mount Barker	23.4 on 17th	21.7 on 26th in 1962	63
Queensland				
200283	Willis Island	27.6 on 2nd	= 27.6 on 15th in 1998	94
New South Wales				
048031	Collarenebri (Albert St)	23.4 on 9th	23.2 on 4th in 2014	52
055024	Gunnedah Resource Centre	22.9 on 9th	21.5 on 13th in 1998	69
064009	Dunedoo Post Office	19.5 on 9th	19.1 on 3rd in 2015	50
Victoria				
090015	Cape Otway Lighthouse	24.3 on 17th	22.8 on 3rd in 1886	156
Tasmania				
094041	Maatsuyker Island Lighthouse	20.2 on 17th	19.5 on 12th in 1985	63
<i>= indicates the new record equals the old one.</i>				

Record highest April mean minimum temperature

		New record	Old record	Years of record
Northern Territory				
015131	Elliott	22.2	21.8 in 2010	39

Record highest April daily rainfall

		New record	Old record	Years of record
Western Australia				
003041	Kiltos Station	55.5 on 13th	44.0 on 7th in 1999	35
006069	Mount Narryer	74.0 on 14th	73.7 on 10th in 1923	97
006070	Hill Springs	105.0 on 12th	97.0 on 25th in 2007	65
007177	Mininer	56.0 on 15th	45.0 on 24th in 1989	56
Northern Territory				
014167	Stokes Hill	82.6 on 7th	75.0 on 6th in 2010	30
Queensland				
028027	Kimba	75.4 on 2nd	68.0 on 10th in 1982	34
030041	The Ranch Prairie	76.6 on 26th	61.0 on 30th in 1968	117
043060	Havelock	94.0 on 24th	57.4 on 11th in 1990	52
044013	Boothulla	55.0 on 24th	53.3 on 2nd in 1931	54

Record highest April daily rainfall

		New record	Old record	Years of record
New South Wales				
046043	Wilcannia (Reid St)	65.4 on 22nd	51.1 on 14th in 1939	139
075041	Griffith Airport AWS	44.6 on 22nd	44.4 on 21st in 1990	54

Record highest April total rainfall

		New record	Old record	Years of record
Western Australia				
003041	Kilo Station	82.8	76.0 in 2000	36

Highest April total rainfall for at least 30 years

		Observed this month	Most recent higher
Western Australia			
006069	Mount Narryer	110.1	115.1 in 1966 *
New South Wales			
046043	Wilcannia (Reid St)	78.4	181.3 in 1974 *

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

Record lowest April total rainfall

		New record	Old record	Years of record
South Australia				
022015	Price	1.0	1.2 in 1981	75
023083	Edinburgh RAAF	0.6	1.8 in 1997	47
023087	Reeves Plains (Parana Park)	1.6 =	1.6 in 1997	46
023756	Williamstown (Glen Gillian)	0.6	1.6 in 1959	68
023820	Williamstown (South Para Reservoir)	2.2	2.6 in 1993	52
New South Wales				
050108	Wilmatha (Wanganui)	0.0	0.4 in 2005	52
056100	Wellingrove (Wangalea)	0.0	1.0 in 1898	79
062029	Ilford (Tara)	1.0	2.0 in 2016	91
062089	Hargraves (Edge Hill)	0.0	2.0 in 1996	48
062093	Windamere Dam	0.0	1.0 in 1980	44
063132	Lidsdale (Maddox Lane)	1.0	1.2 in 1987	59
063293	Oberon (Jenolan Caves Road)	2.0	2.4 in 2004	30
065068	Parkes Airport AWS	0.0	1.0 in 2005	32
069040	Kioloa Old Post Office	4.8	8.5 in 2006	55
070124	Richlands (Bouverie)	3.6	3.8 in 2006	60
070165	Rock Flat (Old Post Office)	0.8 =	0.8 in 1997	61
073110	Grenfell (Corowood)	0.4 =	0.4 in 1997	51

= indicates the new record equals the old one.

Record lowest April total rainfall

		New record	Old record	Years of record
Victoria				
076106	Murrayville (Carina)	0.0	0.1 in 1999	51
080103	Dingee	0.0	0.4 in 1993	46
081083	Eppalock Reservoir	1.4	2.0 in 1999	55
081090	Moliagul	0.0	1.6 in 1997	51
081095	Murchison (Arcadia (Sunnyville))	2.0 =	2.0 in 1994	49
081115	Wanalta DAEN Station	1.6	1.8 in 1993	44
081120	Rushworth (Raglus)	0.4	4.6 in 1993	35
082021	Indigo	0.0	1.3 in 1923	113
082039	Rutherglen Research	0.8	1.3 in 1927	106
082096	Creightons Creek (Baronga (Creighton's C	2.2	2.6 in 1981	81
082103	Burrowye Station	4.0	5.0 in 1997	51
084134	Goongerah	4.2	6.0 in 2018	38
085082	Tidal River	8.8	10.4 in 1958	54
085167	Meerlieu (Springvale West)	6.0	10.8 in 1981	50
085168	Briagolong	4.2	6.0 in 2018	49
086038	Essendon Airport	6.6	7.6 in 1981	74
086111	Springvale Necropolis	9.8	16.3 in 1967	71
086305	Greenvale Reservoir	6.8	9.0 in 2008	46
086377	Upper Plenty	9.6	10.0 in 2018	34
087031	Laverton RAAF	4.2	7.8 in 1976	78
087118	Hesket (Straws Lane)	6.6	8.0 in 1981	51
087121	Rockbank (Melton)	4.7	6.8 in 1997	49
087124	Buckley (Ballivindi)	5.2	8.0 in 1997	52
087147	Bannockburn (Hillside)	4.4	8.0 in 1976	47
087161	Merrimu Reservoir	4.8	5.2 in 1997	46
088037	Lauriston Reservoir	6.4	7.4 in 1963	71
088061	Woodend	7.6	7.9 in 1949	115
088108	Vaughan	2.2	4.0 in 1959	59
088109	Mangalore Airport	1.2	3.8 in 1997	62
088121	High Camp (Lannermoor)	3.2	3.8 in 1993	50
088123	Kyneton	2.8	6.4 in 1999	50
088158	Strath Creek	5.4	10.4 in 2013	37

= indicates the new record equals the old one.

Lowest April total rainfall for at least 30 years

		Observed this month	Most recent lower month
South Australia			
022000	Ardrossan	1.2	1.0 in 1981 *
022008	Maitland	5.0	3.4 in 1962 *
023013	Parafield Airport	2.0	1.2 in 1981 *
023076	Port Parham	1.2	0.8 in 1981 *
023318	Tanunda	0.6	0.3 in 1962
023343	Rosedale (Turretfield Research Centre)	0.4	0.0 in 1962 *
023714	Finniss	5.8	0.0 in 1923 *
023730	Meadows	4.2	0.5 in 1923
023752	Williamstown	1.2	0.8 in 1962
New South Wales			
050052	Condobolin Ag Research Stn	0.2	0.0 in 1967
061051	Murrurundi (Haydon Street)	0.4	0.0 in 1925 *
061346	Hunter Springs (Wondeclla)	7.2	3.0 in 1986 *
062075	Galambine (Gooree Park)	0.4	0.0 in 1987 *
063005	Bathurst Agricultural Station	0.6	0.5 in 1967
063022	Cowra Ag Research Station	0.7	0.0 in 1967 *
063029	Mandurama (Gallymont (Homeleigh))	1.4	0.0 in 1967 *
063035	Hill End Post Office	1.4	0.0 in 1967 *
063076	Sofala Old Post Office	0.2	0.0 in 1967
065023	Molong (Hill St)	0.2	0.0 in 1923
070112	Dalton Post Office	1.0	0.0 in 1967 *
070326	Craigie (Bondi Forest Lodge)	10.0	8.6 in 1980
073029	Murrumburrah (Historical Society)	0.2	0.0 in 1967 *
073050	Bowning (Wanganui)	0.2	0.0 in 1967 *
074100	Hopefield (Barnweal)	1.0 =	1.0 in 1976 *

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

Lowest April total rainfall for at least 30 years

		Observed this month	Most recent lower month
Victoria			
080002	Boort	0.2	0.0 in 1945 *
080015	Echuca Aerodrome	0.4	0.0 in 1945 *
080049	Rochester	0.8	0.0 in 1945
081008	Colbinabbin	1.4	1.0 in 1945
081019	Nagambie (Goulburn Weir)	1.2	0.0 in 1927 *
081033	Molka (Lowana)	2.6	2.1 in 1927
081046	Stanhope	1.2	0.0 in 1945
081047	Tarnagulla	1.4	1.0 in 1923 *
081058	Bridgewater (Post Office)	1.9	0.6 in 1981 *
081085	Dunolly	0.2	0.0 in 1908
082042	Strathbogie	9.0	5.6 in 1981
084002	Bonang	4.8	3.6 in 1906 *
084012	Dargo	8.2	7.2 in 1976 *
085072	East Sale	8.0	6.8 in 1981
086035	Eltham	11.6	0.0 in 1923 *
086077	Moorabbin Airport	16.0	8.2 in 1963 *
086096	Preston Reservoir	7.6	0.3 in 1923 *
086131	Yan Yean	13.4	13.2 in 1981
086282	Melbourne Airport	5.0	4.8 in 1981
087006	Ballan	10.0	2.5 in 1959
087017	Blackwood	13.1	1.0 in 1923 *
087029	Lancefield	1.8	0.3 in 1923 *
087075	Bullengarook East	9.4	6.4 in 1959 *
088002	Avenel (Post Office)	2.2	0.8 in 1927 *
088015	Clunes	2.8	0.0 in 1923
088021	Eberys	4.4	0.0 in 1923 *
088029	Heathcote	3.0	1.8 in 1927
088031	Highlands (Glentannar)	8.2	6.4 in 1981
088043	Maryborough	3.4	1.5 in 1949
088048	Newstead	5.0	3.4 in 1976
088051	Redesdale	2.0	1.3 in 1949 *
088052	Tullaroop Reservoir	3.0	2.8 in 1949 *
088059	Trentham	9.8	2.3 in 1923 *
088073	Baynton	5.0	3.6 in 1967 *

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

Selected observations

Daily and mean maximum temperatures for April 2019

	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					
Western Australia																																				
001019 Kalumburu	35.2	36.9	36.5	36.7	36.6	34.1	32.1	34.9	34.9	30.7	32.4	35.5	35.1	36.3	36.9	37.0	36.2	37.5	37.2	36.5	36.5	37.0	37.0	35.8	36.0	36.2	35.4	32.8	26.3	32.5	35.7					
002056 Kununurra Aero	36.5	36.2	36.8	35.6	38.4	38.8	36.8	35.3	35.9	33.6	36.1	37.8	37.2	37.9	37.6	37.9	37.4	38.2	37.6	37.2	36.8	38.1	37.9	36.3	37.3	36.6	35.0	34.1	30.3	34.9	36.0					
003003 Broome Airport	35.0	+0.7	39.2	37.3	37.9	38.3	36.4	38.0	38.7	32.9	35.7	33.5	34.9	32.2	32.9	32.6	32.5	32.9	33.0	33.7	33.2	33.1	33.9	36.5	37.4	36.9	36.8	35.1	33.9	35.4	32.1	32.6				
003032 Derby Aero	36.7	38.1	38.6	38.3	38.1	39.8	37.7	38.2	33.6	37.4	34.5	35.0	35.1	35.9	36.7	36.4	36.8	36.9	35.6						38.7	38.3	37.5	35.7	35.3	36.2	33.7	32.1	32.6			
004032 Port Hedland Airport	34.9	-0.1	38.1	35.2	35.2	36.8	38.3	38.4	39.0	34.0	33.6	32.3	33.2	29.3	32.7	32.6	33.8	35.6	37.6	37.3	34.3	31.5	33.6	34.8	36.5	35.5	34.4	33.9	34.7	34.0	35.1					
004083 Karatha Aero	35.0	37.5	38.1	37.1	37.8	38.9	39.3	40.5	33.8	34.8	32.8	33.6	31.7	32.8	30.3	32.8	35.0	35.3	35.5	35.7	33.5	33.0	31.9	34.7	35.7	35.2	34.5	34.1	33.2	34.2	35.7					
004106 Marble Bar	36.0	38.2	38.5	37.5	37.6	38.0	38.7	39.3	37.8	36.8	38.7	38.4	31.6	36.1	35.5	35.9	36.7	37.6	39.0	38.2	32.1	29.9	33.5	35.0	36.1	35.2	33.0	32.9	33.7	34.4	35.4					
005007 Learmonth Airport	33.6	38.5	38.9	38.2	36.5	39.9	39.9	40.4	35.5	36.4	36.1	33.2		30.0	29.9	31.5	31.0	31.0	32.1	29.0	26.6	30.7	28.7	32.4	34.8	32.0	31.3	31.6	33.3	34.2	32.7					
006011 Carnarvon Airport	29.8	+1.0	31.9	31.0	29.8	30.7	29.7	29.9	32.3	30.5	30.2	24.7	29.3	29.8	26.8	26.8	26.4	29.1	25.9	24.8	24.3	28.6	30.3	28.3	31.3	37.3	37.3	35.7	34.4	29.5	27.1					
006044 Denham	28.5	31.0	30.1	29.0	26.1	27.0	27.0	28.5	29.9	30.9	28.9	23.5	27.0	28.5	26.0					27.0	23.0	25.5	28.0	26.0	30.0	36.5	35.0	33.9	32.5	25.5	23.8					
007176 Newman Aero	34.1	36.3	38.1	37.5	37.6	37.4	37.5	38.1	38.1	36.9	37.3	35.6	36.0	34.3	35.7	33.5	34.5	34.7	37.0	32.5	25.6	25.3	29.4	32.6	32.9	31.8	29.6	29.3		30.7						
007185 Paraburdoo Aero	35.1	39.4	40.0	39.8	38.5	39.2	39.3	40.1	40.8	40.2	36.7	36.7	33.5	35.0	34.9	30.8	32.4	35.3	37.4	29.7	31.6	33.5	35.5	34.7	32.5	32.0	32.5	34.2	32.1							
007045 Meekatharra Airport	30.7	+1.5	36.0	36.5	38.7	36.7	32.7	37.3	38.3	39.1	38.8	37.6	28.3	29.5	25.5	29.9	26.1	27.9	31.4	22.5	19.9	21.9	25.6	28.3	29.3	30.1	27.4	27.8	28.8	29.3	23.4					
007600 Mount Magnet Aero	28.6	37.2	33.3	38.4	31.0	27.9	36.0	36.3	37.7	39.2		34.5	27.2	30.5	21.1	24.3	24.6	25.1	28.3	19.6	18.1	20.7	24.0	25.9	27.9	28.9	27.1	27.2	28.9	28.7	21.0					
008296 Morawa Airport	29.3	37.1	32.8	38.1	28.0	26.4	32.7	33.3	35.9	40.2	36.2	30.3	31.1	34.1	26.7	25.6	23.7	29.1	19.3	19.0	23.3	26.1	27.5	30.2	30.7	29.9	29.1	31.8	25.0	21.3						
008297 Dalwallinu	27.7	35.8	29.8	36.9	26.5	23.0	29.4	30.2	30.8	38.0	37.0	28.2	30.0	32.7	27.2	25.8	25.6	23.5	29.0	17.4	16.9	21.5	24.5	26.7	28.7	28.9	27.3	30.1	24.2	19.3						
008315 Geraldton Airport	28.4	34.8	29.0	28.8	29.4	27.0	27.7	29.0	31.0	36.6	28.3	26.1	28.4	27.5	26.1	25.4	24.3	26.9	25.9	21.3	21.7	26.1	27.8	30.8	32.9	34.4	33.6	32.4	33.5	25.0	23.2					
009021 Perth Airport	26.0	+0.9	27.3	30.3	29.8	24.5	24.9	25.8	27.2	28.5	33.9	28.2	25.5	28.5	30.7	23.3	22.3	22.8	22.5	24.2	17.0	18.4	23.2	25.8	27.9	28.6	29.2	28.5	29.1	30.1	21.9	21.3				
009131 Jurien Bay	26.8	29.1	26.2	31.1	24.6	25.1	24.9	25.0	31.1	32.5	26.0	24.6	25.0	25.3	25.1	24.5	24.4	25.9	25.0					24.8	26.0	28.3	31.8	32.6	32.5	32.3	29.1	23.5	21.9			
009225 Perth Metro	25.6	26.8	29.0	30.0	23.0	24.1	24.9	25.6	28.2	33.6	27.8	25.0	27.7	28.8	22.8	22.3	22.7	22.4	23.0	17.1	18.4	22.9	25.1	27.4	28.5	28.8	21.7	22.7	22.6	20.5	20.6					
009240 Bickley	23.0	25.4	28.1	26.9	20.5	22.0	25.0	25.4	25.2	30.7	27.7	23.5	25.3	26.9	19.7	19.1	18.3	19.2	21.7	13.1	14.9	20.1	22.6	25.3	25.2	25.7	24.8	25.7	26.1	18.2	17.7					
009518 Cape Leeuwin	20.9	-0.2	23.2	20.2	23.2	20.2	19.3	20.2	21.5	19.0	23.2	21.8	21.8	20.8	26.6	20.3	19.7	18.8	19.3	20.5	15.6	17.9	19.2	20.9	21.4	20.0	20.1	21.4	26.9	26.5	19.2	19.3				
009617 Bridgetown	22.8	28.4	23.9	25.5	20.5	20.3	22.5	23.6	22.9	28.6	22.1	23.5	28.3	22.6	22.1	19.3	20.4	22.3	12.8	16.3	21.5	23.3	24.5	23.8	25.3	26.9	26.8	19.4	18.2							
009746 Witchcliffe	22.0	23.7	21.8	28.4	20.9	20.3	20.6	22.2	29.9	21.1	23.5	22.3	23.2	26.0	21.0	21.0	19.3	18.7	20.3	15.2	17.5	19.7	21.5	23.1	22.7	22.7	27.2	25.6	25.4	18.7	18.6					
009789 Esperance	23.6	35.1	19.8	21.9	28.4	18.7	22.3	21.5	19.8	25.1	35.5	23.2	21.0	28.6	24.1	24.2	26.2	19.2	29.1	16.9	15.1	19.6	24.8	25.0	20.0	21.6	20.5	25.0	28.5	22.8						
009965 Bunbury	23.9	26.4	27.6	28.2	22.5	22.9	22.3	24.6	31.5	31.1	30.6	25.5	26.7	22.6	22.2	20.4	20.6	22.6	16.4	17.3	19.9	22.3	24.1	27.3	27.3	28.4	26.5	24.0	21.0	21.0						
009977 Mandurah	23.9	26.1	28.7	29.8	23.0	22.1	29.4	27.5	25.5	29.4	24.7	23.1	26.9	24.1	22.5	21.4	22.6	16.6	17.2	19.5	22.3	24.8	28.5	27.1	28.3	26.4	24.8	20.8	19.8	19.8	19.8	19.8				
009999 Albany Airport		30.9	19.8	21.4	21.2	17.9													24.1	19.5	27.1	24.6	23.5	18.6	17.8	25.1										
010007 Merredin	26.1	+0.7	34.3	26.3	31.5	26.2	21.5	27.8	27.5	28.0	36.0	35.4	28.5	28.5	31.6	30.0	25.2	24.3	23.0	15.2	15.8	20.5	23.7	25.6	26.8	26.0	26.3	28.5	23.7	18.1						
010092 Merredin	25.9	+1.0	34.1	25.5	25.0	25.5	27.4	27.6	27.0	32.0	36.6	28.5	25.6	31.0	26.0	25.5	23.5	22.5	16.6	21.4	24.0	26.4	27.0	26.1	25.1	25.9	29.0	23.0	19.2							
012086 Cunderdin Airfield	26.7	34.8	28.0	27.3	26.4	21.8	27.5	26.6	26.7	33.1	37.5	29.8	27.6	33.4	26.6	25.5	25.0	21.9	29.4	15.8	17.4	21.3	25.4	27.2	27.6	27.7	27.0	28.1	30.1	24.9	20.6					
010633 Ravensthorpe	24.4	+0.8	34.0	18.0	21.5	25.0	18.3	25.9	24.0	21.0	28.0	36.3	27.7	20.5	28.8	26.5	24.2	25.0	22.0	27.5	16.8	16.0	21.3	25.3	27.5	23.0	24.0	25.6	28.5	21.0	18.6					
010911 Lake Grace	23.9	30.6	22.1	19.9	23.8	20.2	25.5	24.0	23.6	29.7	37.0	27.4	23.7	30.3	24.6	22.4	21.8	19.8	20.2	14.8	18.0	24.2	24.6	25.8	25.1	26.6	25.3	25.6	18.2	18.2	18.2					
010916 Katanning	23.0	29.5	21.0	22.8	19.9	23.2	22.8	22.1	25.5	31.1	30.1	29.0	23.9	22.9	20.4	21.5	21.1	11.5	14.4	19.3	23.1	24.7	24.4	24.9	25.1	26.6	20.4	18.6	18.6	18.6	18.6					
010917 Wandering	24.4	28.9	25.0	24.8	21.1	21.6	21.8	21.6	21.6	21.6	30.7	33.5	25.7	25.2	30.9	22.7	20.6	20.7	20.6	22.7	13.7	16.2	21.2	24.6	26.1	26.7	25.6	27.3	20.3	19.2	19.2					
010003 Eucla	26.0	+2.0	32.9	36.2	31.3	34.0	33.0	30.4	30																											

Daily and mean maximum temperatures for April 2019

	Mean Anom																																		
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	27.4	+2.5	24.0	27.9	29.3	30.5	30.0	33.2	34.3	34.0	24.6	22.2	26.0	29.6	30.2	29.1	30.0	30.0	29.0	30.1	30.8	31.2	29.7	19.0	24.4	26.0	27.3	22.5	18.0	21.1	22.5	25.4			
048245 Bourke Airport AWS	28.7	24.9	29.7	31.1	32.4	31.4	33.8	35.5	36.1	30.0	24.2	28.3	31.2	31.0	30.4	30.8	30.3	31.7	32.0	31.9	30.8	19.9	21.4	24.7	28.0	27.0	21.0	22.5	23.2	24.5					
049000 Ivanhoe Aerodrome AWS	27.0	23.1	27.6	31.0	32.5	31.9	28.6	33.3	32.0	22.1	20.9	24.4	28.5	28.4	26.1	31.7	31.3	31.5	29.8	32.0	32.4	31.8	20.2	24.1	26.7	24.8	22.5	17.2	19.8	20.8	23.2				
050052 Condobolin Ag Research Stn	27.2	+2.8	22.8	28.0	28.8	29.5	27.5	33.0	32.3	32.5	23.0	21.9	25.0	27.6	29.2	29.4	28.7	29.0	28.2	29.9	30.5	30.2	28.8	24.0	28.6	28.4	22.9	18.9	21.6	22.9	26.0				
051039 Nyngan Airport	27.9	+2.0	24.0	27.5	29.0	29.4	29.0	32.5	34.0	34.5	27.0	23.0	26.8	29.5	28.5	28.5	28.2	29.5	29.5	30.0	30.2	29.0	26.0	28.5	27.5	29.5	26.5	21.0	23.5	24.5	25.5				
052088 Walgett Airport AWS	29.0	24.7	28.9	30.0	30.1	29.2	31.6	34.0	35.5	32.8	26.1	28.2	29.1	29.3	27.3	29.3	29.0	29.2	29.9	30.6	31.2	30.1	29.5	28.0	26.6	29.3	31.1	22.7	24.3	26.9	25.9				
053115 Moree Aero	29.3	25.8	29.6	30.7	29.9	29.6	30.0	32.4	34.1	34.3	28.1	28.2	28.3	28.2	27.5	29.0	28.4	29.3	29.9	31.1	31.6	31.2	28.9	26.6	26.6	29.1	30.3	25.6	26.3	29.2	27.9				
054038 Narrabri Airport AWS	28.4	25.5	27.9	28.6	27.9	28.7	29.2	31.9	33.0	33.9	27.3	27.4	27.2	27.3	27.1	27.2	26.8	27.8	29.5	29.1	30.5	30.0	28.2	29.8	27.1	28.7	29.9	24.4	26.7	28.9	25.9				
055024 Gunnedah Resource Centre	27.0	+2.1	24.4	26.8	28.0	27.4	27.1	29.5	31.2	32.0	32.4	25.9	25.6	25.9	25.1	25.8	25.1	25.0	26.6	27.6	28.2	29.2	27.9	25.2	27.7	26.0	27.3	28.5	23.4	25.4	26.4	23.9			
055325 Tamworth Airport AWS	27.4	25.7	26.1	27.9	27.2	28.1	28.2	30.7	31.8	31.5	25.4	26.1	25.9	26.0	26.4	27.0	27.8	28.7	29.1	29.5	26.2	28.5	27.0	27.7	28.3	24.8	24.4	27.5	24.5						
056242 Inverell (Raglan St)	26.7	25.2	24.8	27.9	27.3	26.4	27.1	29.1	29.6	28.8	26.4	27.6	26.1	25.9	25.3	25.4	26.4	26.2	28.1	29.7	27.9	27.3	24.6	27.1	27.3	26.8	25.4	27.2	24.8						
057095 Tabulam (Muirne)	22.7	21.7	17.1	21.3	22.9	22.7	25.1	27.5	29.2	27.2	21.5	22.1	20.1	23.2	23.0	22.8	22.3	23.2	23.5	21.1	21.1	20.2	20.4	22.2	20.7	22.7	24.7	22.8	26.1	21.8	19.3				
058012 Yamba Pilot Station	25.0	+1.0	24.2	23.9	25.8	25.5	24.4	25.8	28.4	29.1	29.5	24.3	23.1	21.9	24.0	23.1	23.6	23.4	24.2	24.8	25.5	25.6	25.0	24.8	25.0	25.2	25.9	24.5	24.2	23.2					
060139 Port Macquarie Airport AWS	25.6	25.0	23.7	25.6	26.0	25.9	27.2	29.0	31.1	33.5	23.7	23.8	23.8	25.4	24.9	24.6	25.1	25.4	25.2	25.7	25.8	24.0	25.5	25.3	25.7	27.4	22.1	24.9	24.3	23.8					
061078 Williamtown RAAF	25.4	+1.8	20.1	22.4	25.3	23.3	24.6	29.1	32.6	33.5	33.1	22.2	22.8	21.8	25.5	24.4	23.3	24.2	24.1	25.2	24.2	25.0	26.9	26.5	26.8	25.4	27.3	30.2	20.7	24.4	23.1	24.9			
061363 Scone Airport AWS	26.2	24.2	24.5	26.0	27.0	24.5	30.3	32.0	33.2	33.1	23.5	23.8	24.2	25.7	22.5	23.8	24.3	25.3	26.3	26.2	26.5	26.5	26.6	26.2	26.0	28.4	29.1	21.5	26.5	26.9	22.1				
062101 Mudgee Airport AWS	24.5	22.3	21.8	25.8	24.8	23.3	27.4	29.8	30.0	32.4	20.5	21.7	23.1	24.8	22.0	23.5	23.8	24.0	26.2	25.4	26.2	26.6	26.2	25.4	25.7	27.2	24.6	20.6	22.8	22.8	20.8				
063005 Bathurst Agricultural Station	23.1	+3.0	21.5	22.5	24.5	23.2	22.0	25.5	26.7	28.2	20.1	19.6	21.1	22.2	23.6	20.5	22.2	23.4	23.2	25.2	25.5	26.6	25.2	25.0	24.0	21.0	19.6	19.8	22.5	21.6					
063254 Orange Agricultural Institute	19.1	21.3	21.8	21.0							24.6	25.9	17.5	17.4	19.0					21.0	20.8	21.9	21.4	22.9						22.3			18.6	20.4	18.6
064008 Coonabarabran (Showgrounds)	25.7	+1.5	23.0	25.0	26.0	25.5	26.1	27.6	29.7	30.5	28.8	23.0	25.0	25.6	25.2	24.6	25.1	24.4	26.0	26.5	26.4	28.2	26.9	26.0	26.5	24.5	27.0	26.8	20.7	23.2	25.8	20.9			
065070 Dubbo Airport AWS	27.5		28.0	27.2	30.7	32.9	33.1	25.8	23.7	25.7	26.2	27.6	28.6	27.1	27.4	27.2	28.0	28.9	29.0	29.3	28.1	29.1	28.0	29.1	26.5	21.9	22.5	24.0							
066062 Sydney (Observatory Hill)	24.8	+1.6	20.8	23.4	25.1	23.7	23.7	27.7	25.0	28.2	21.3	20.6	22.2	26.4	23.9	24.0	25.7	24.8	26.0	24.8	25.2	25.2	25.5	25.0	26.7	29.5	20.9	23.6	22.5	24.3					
067105 Richmond RAAF	25.6	22.9	23.0	26.7	24.3	22.2	29.6	31.9	33.8	28.9	21.4	21.8	22.7	26.6	23.6	24.5	25.3	25.5	27.4	25.6	26.5	26.1	26.4	26.4	26.0	28.6	28.7	20.3	23.7	23.1	24.2				
068072 Nowra RAN Station AWS	24.2	19.8	24.0	27.3	21.2	21.4	29.6	27.9	31.3	26.4	18.8	19.4	21.1	24.8	22.5	22.6	24.5	24.7	27.7	24.2	24.9	26.6	26.3	23.6	25.1	24.7	25.3	19.0	20.4	28.5	23.4				
068151 Jervis Bay (Point Perpendicular)	22.5	19.2	21.9	25.4	21.2	22.4	24.3	24.9	29.5	24.9	17.4	19.4	20.9	22.3	20.4	21.4	22.6	23.6	25.6	21.0	23.4	24.6	24.5	21.8	23.8	22.7	24.1	16.8	20.5	23.4					
068241 Albion Park (Wollongong Airport)	24.2	20.5	23.8	26.3	21.1	23.0	27.0	24.2	32.8	27.8	20.0	20.6	21.8	25.1	23.4	23.2	24.5	24.3	26.0	23.9	24.4	23.3	25.6	25.0	25.5	26.9	18.8	22.6	21.4	24.8					
069018 Moruya Heads Pilot Station	21.9	+0.6	20.4	21.4	24.0	22.2	21.2	24.0	22.5	26.0	21.0	20.0	19.2	20.2	23.2	22.0	22.2	21.8	21.5	22.0	22.7	22.5	22.0	22.6	25.6	17.5	19.8	21.9	21.8						
070351 Canberra Airport	22.6	19.4	22.7	24.6	22.5	21.0	25.2	24.9	24.8	20.9	18.5	20.1	21.8	23.2	21.5	22.2	23.9	24.3	25.1	24.9	25.8	20.4	25.1	23.7	24.0	24.6	19.2	18.7	21.2	22.6					
071041 Thredbo Village	15.9	15.0	16.2	15.5	12.0	18.5	17.0	19.2	16.0	10.0	12.0	15.0	16.0	16.0	14.5	16.2	17.5	18.0	18.0	18.5	19.5	18.5	19.0	17.0	17.2	15.8	10.0	11.5	12.5	16.8					
072150 Wagga Wagga AMO	24.7	+2.2	22.8	25.2	27.3	26.7	26.2	28.8	26.3	25.8	19.8	20.2	22.5	24.7	25.6	25.2	26.3	27.1	27.1	28.7	29.1	29.3	27.7	23.1	25.7	26.7	24.5	19.4	16.2	17.7	20.5	25.1			
072160 Albury Airport AWS	24.7	22.3	24.9	26.8	22.4	27.2	28.1	26.2	24.6	19.6	20.6	22.4	24.4	24.9	26.5	26.9	27.9	28.2	28.9	28.3	30.0	28.6	24.0	25.6	26.0	24.7	19.9	16.7	18.9	21.9	24.4				
072161 Cabramurra SMHEA AWS	14.2	13.4	14.8	15.5	10.9	15.6	16.3	15.3	15.0	9.6	11.4	12.8	13.5	14.1	14.8	15.5	16.5	16.0	17.1	17.1	16.1	18.1	16.4	17.4	16.7	15.5	14.4	7.3	7.4	9.3	13.9	13.0			
074258 Deniliquin Airport AWS	25.0	23.2	26.3	29.2	26.9	30.7	25.2	27.5	25.0	19.5	17.2	26.0	24.5	26.5	28.5	31.1	31.6	23.7	26.5	31.6	29.3	29.0	20.9	24.3	26.1	22.7	19.4	17.7	19.6	19.6	24.1				
Tasmania	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				
091126 Devonport Airport	18.2	16.5	17.6	19.7	18.6	19.1	18.8	17.1	17.5	18.4	17.6	15.5	18.7	19.5	18.9	21.6	21.8	18.0	18.7	21.3	21.1	18.2	17.8	17.3	17.7	13.3	15.4	18.7	18.7	18.0					
0																																			

Daily and mean minimum temperatures for April 2019

	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	
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	21.5	20.4	18.2	18.9	20.0	23.7	25.5	23.9	23.7	25.3	25.0	24.3	21.8	21.5	22.1	21.4	22.4	22.8	22.1	22.8	20.9	21.4	20.9	20.6	18.3	17.7	18.6	17.2	21.3	21.5	20.7	
002056 Kununurra Aero	21.7	17.7	17.0	16.4	20.9	27.6	23.8	24.9	25.9	25.1	25.0	23.4	21.6	20.3	19.4	22.0	22.7	22.6	21.6	21.5	21.6	21.0	19.8	19.7	21.6	21.4	20.5	19.5	21.4	22.0	22.5	
003003 Broome Airport	23.8	+1.5	25.0	24.2	18.9	19.2	20.2	26.6	26.4	24.3	25.9	23.8	25.6	24.2	28.7	28.3	28.4	27.2	25.0	26.5	24.6	24.0	20.8	20.0	18.5	21.9	19.3	20.7	20.8			
003032 Derby Aero	23.7	24.5	24.5	16.8	18.7	22.5	27.6	27.7	27.0	24.8	25.7	25.3	25.7	23.7	25.2	25.9	25.1	25.8	26.9	24.3					19.8	21.2	24.4	19.2	20.1	23.0	21.1	
004032 Port Hedland Airport	22.7	+1.5	23.2	22.6	23.1	24.9	21.5	20.7	23.0	25.7	27.0	26.3	26.6	24.1	24.6	26.1	25.2	25.4	24.9	23.5	23.6	23.5	20.7	19.9	19.4	21.1	18.2	17.3	18.8	19.9	20.5	19.4
004083 Karratha Aero	24.1	24.8	24.7	26.9	26.2	24.4	22.7	24.6	26.0	28.0	28.5	28.0	27.3	26.2	27.7	25.9	24.9	24.5	25.2	24.3	24.0	20.8	19.0	20.5	21.0	22.0	20.7	20.2	20.4	20.7	22.0	
004106 Marble Bar	22.4	20.7	20.5	19.1	19.4	19.1	20.3	27.1	27.2	26.7	24.6	24.6	26.0	24.9	25.8	25.0	25.6	24.3	25.5	19.0	17.4	19.6	18.4	20.8	20.6	21.6	22.1	18.8	22.9			
005007 Learmonth Airport	19.9	25.5	24.6	22.2	19.6	21.4	21.5	23.8	24.2	25.8	26.7	23.3	24.4	23.9	19.1	18.4	17.5	20.4	17.8	15.9	12.7	11.2	16.4	14.2	16.9	17.1	16.0	15.8	16.9	18.5		
006011 Carnarvon Airport	19.1	+0.1	24.1	25.2	24.2	23.5	18.4	19.8	21.3	22.4	21.7	20.3	24.0	21.1	21.6	21.6	17.4	17.1	18.7	21.2	20.8	14.6	12.5	11.6	12.1	12.8	14.3	17.7	20.5	17.3	17.6	16.3
006044 Denham	19.0	23.2	24.2	23.0	23.5	17.5	19.0	20.3	21.0	22.1	24.5	19.4	20.2	20.5	17.9							16.0	15.5	14.0	14.5	15.0	15.0	20.0	19.2	18.0	19.0	15.0
007176 Newman Aero	18.7	15.2	16.8	18.2	16.4	17.8	18.0	17.5	20.1	24.9	20.8	26.0	25.4	23.4	22.5	20.7	19.2	21.7	23.0	16.0	11.8	8.4	10.8	16.1	13.0	19.0	17.4		20.4			
007185 Paraburdoo Aero	21.0	24.6	23.3	23.4	22.4	24.8	17.6	19.3	22.4	25.0	25.7	27.4	24.4	24.5	22.6	22.6	21.4	21.6	14.6	13.4	14.8	18.3	20.0	22.3	20.5	16.1	15.7					
007045 Meekatharra Airport	17.8	+0.7	23.0	21.0	23.9	23.3	17.4	20.5	21.1	22.7	23.4	24.0	27.9	19.8	20.5	20.5	15.3	14.4	15.0	18.2	15.9	9.3	9.4	10.3	11.1	14.6	15.8	16.0	14.3	16.2	15.5	12.9
007600 Mount Magnet Aero	16.5	23.7	23.4	25.7	21.8	13.7	16.9	18.1	19.6	23.0	25.9	23.1	20.5	18.9	19.1	15.4	14.8	14.0	15.9	13.1	7.4	6.6	11.4	10.0	10.8	13.3	14.6	13.1	13.1	16.6	9.7	
008296 Morawa Airport	13.9	20.5	21.6	22.1	19.5	11.6	11.0	11.6	15.2	15.4	18.6	17.8	15.9	19.7	16.6	15.1	14.2	11.3	14.2	13.3	7.4	6.9	9.0	7.2	10.0	13.7	13.8	13.6	10.9	13.7	6.6	
008297 Dalwallinu	12.0	19.9	19.2	18.2	17.0	8.2	8.6	9.1	10.7	14.2	16.9	16.7	13.3	19.3	14.7	14.6	13.0	8.7	12.8	11.2	5.5	3.4	7.1	7.9	9.3	8.7	11.0	9.8	8.9	16.0	6.4	
008315 Geraldton Airport	14.3	21.5	21.1	18.4	21.4	12.5	9.0	10.5	10.4	15.2	14.7	19.2	14.3	16.5	16.6	19.1	14.1	14.2	13.6	11.9	6.3	8.2	8.1	8.8	15.5	17.1	15.1	14.2	16.2	8.3		
009021 Perth Airport	12.6	-0.5	21.8	18.4	18.8	20.0	6.2	5.1	11.8	10.7	15.5	11.7	16.4	13.2	18.2	14.4	18.1	17.0	10.4	10.1	3.7	5.2	6.9	7.6	10.7	14.2	15.2	12.9	13.8	14.2	3.7	
009131 Jurien Bay	14.1	19.8	19.1	17.8	20.9	15.0	8.6	11.4	10.8	18.6	12.6	18.1	13.9	15.1	15.0	20.4	18.7	13.1	13.0	12.9	9.0		5.0	7.5	10.1	11.6	15.1	13.8	15.5	15.5	10.4	
009225 Perth Metro	13.0	21.3	18.5	18.5	20.2	8.8	7.2	11.5	12.0	15.6	13.7	17.5	14.6	18.0	15.6	18.5	17.3	12.8	12.1	10.5	5.6	5.7	6.9	8.7	10.9	13.6	14.7	9.8	10.7	14.2	6.3	
009240 Bickley	11.9	20.0	15.9	15.3	16.8	8.0	9.3	10.4	11.0	11.1	16.6	14.6	11.6	15.6	13.9	14.6	14.4	9.1	11.4	7.9	4.4	6.3	8.1	10.2	12.0	11.9	11.5	11.4	15.5	7.8		
009518 Cape Leeuwin	15.3	+0.1	19.3	18.1	15.9	17.6	14.8	13.8	17.3	16.0	14.8	15.8	18.2	15.6	16.1	17.3	16.0	15.1	13.6	13.6	8.6	9.5	11.8	13.4	14.9	15.6	15.9	14.6	15.5	16.1	17.0	5.4
009617 Bridgetown	7.9	14.0	15.5	13.4	15.9	4.3	1.6	5.0	4.4	11.4	7.7	9.0	4.9	11.2	12.4	14.9	14.4	5.3	3.7	6.9	2.8	1.5	2.6	6.4	9.5	5.9	8.4	3.5	2.9	12.2	6.7	
009746 Witchcliffe	10.5	13.8	12.4	10.1	16.3	12.1	12.1	4.6	12.2	11.6	8.2	9.3	14.2	9.7	12.0	12.7	15.5	13.3	9.6	8.5	7.0	6.0	5.2	7.8	9.8	10.0	8.7	8.8	7.7	15.2	12.6	
009789 Esperance	13.1	17.3	18.5	16.4	17.6	15.6	7.5	10.8	15.3	9.7	15.3	17.6	13.1	19.7	15.9	15.3	11.7	12.0	12.0	5.9	7.8	10.1	11.3	10.1	12.0	10.9	10.7	16.6	11.4			
009965 Bunbury	10.2	19.6	15.9	15.7	17.8	5.1	8.5	7.1	10.1	11.2	9.5	12.5	7.0	13.8	18.0	16.3	16.7	6.1	6.1	8.6	2.4	2.9	3.7	8.6	9.9	9.3	13.8	8.2	5.2	13.2	3.6	
009977 Mundraburra	15.1	22.3	18.6	17.2	12.5	12.9	13.4	13.7	13.8	13.1	13.0	12.9	12.5	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	
009999 Albany Airport	15.1	15.0	14.2	14.7	9.8	5.4																										
010007 Bencubbin	20.0	20.5	17.3	17.9	9.4	9.1	10.5	11.5	13.6	13.6	17.9	16.0	15.7	16.7	16.5	14.7	14.5	14.5	10.4	12.1	11.5											
010092 Merredin	13.1	+0.5	20.5	20.0	16.2	17.2	9.4	12.2	12.0	14.3	19.0	16.5	16.5	14.4	14.0	12.2	10.5	10.5	3.6	4.5	10.6	8.4	9.5	12.3	13.2	13.0	13.0	12.0	12.5	15.0	4.9	
010286 Cunderdin Airfield	11.2	19.6	18.3	16.2	17.2	8.3	6.9	11.6	12.2	13.5	17.7	13.2	15.3	17.2	14.4	14.6	15.2	7.6	10.3	10.7	3.1	3.0	5.9	4.8	6.5	9.2	10.8	6.2	9.8	13.6	4.0	
010633 Ravesthorpe	11.8	+0.3	20.5	16.0	14.0	16.0	9.5	6.4	9.6	11.0	9.5	15.0	14.0	14.4	12.2	17.0	15.5	15.0	8.0	9.0	7.8	3.9	3.2	6.2	10.0	10.0	10.5	10.5	10.5	12.2	17.5	8.0
010911 Lake Grace	11.2	20.9	16.1	15.0	14.8	8.3	6.6	7.4	9.4	11.4	14.6	12.5	16.2	14.5	14.8	14.2	14.9	12.7	11.2	10.4	7.2	11.0	12.0	11.5	8.4	14.1	7.3					
010916 Katanning	10.2	18.4	14.8	14.0	14.9	7.9	4.7	9.0	7.5	8.6	15.0	11.9	11.8	9.8	12.0	13.6	13.7	14.0	8.0	8.7	6.8	3.2	4.8	7.0	9.8	11.1	8.7	15.7	6.1			
010917 Wandering	8.3	19.2	16.6	15.5	15.3	3.4	15	4.6	6.3	10.7	9.9	10.0	11.5	13.8	12.2	15.1	14.6	4.3	6.4	7.9	1.0	1.5	1.9	3.7	6.9	5.0	7.3	4.5	11.7	2.4		
011003 Eucala	13.8	+0.1	15.0	19.3	18.5	19.2	9.9	11.5	16.0	17.1	19.7	18.4	18.3	17.5	18.7	17.1	18.5	17.1	12.5	12.3	21.1	19.9	21.0	18.8	21.1	22.0	21.2	21.2	21.2	21.2		
011535 Tenant Creek Airport	21.7	16.6	18.7	21.8	22.3	24.0	24.5	24.9	22.8	24.8	24.0	20.0																				

Daily and mean minimum temperatures for April 2019

	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		
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	14.8	+1.9	10.7	13.8	15.5	17.1	17.3	17.9	17.6	17.7	19.0	8.6	8.0	14.5	16.1	16.0	17.7	18.0	15.8	15.8	16.3	16.2	19.7	15.8	15.8	18.2	16.9	16.0	8.5	5.5	6.6	11.6	
048245 Bourke Airport AWS	15.2	11.1	12.1	16.4	18.1	18.3	15.4	15.4	16.7	20.4	11.8	12.6	13.3	16.1	15.5	15.1	15.8	16.8	13.3	16.0	18.8	20.7	17.3	16.8	17.5	16.1	16.8	12.4	8.1	10.1	10.6		
049000 Ivanhoe Aerodrome AWS	13.4	13.6	12.0	12.7	14.9	18.1	20.7	12.0	14.1	14.9	7.7	6.9	8.7	10.4	12.6	12.0	18.6	17.0	16.7	13.4	15.6	20.2	17.0	16.9	15.5	15.7	11.8	7.2	7.4	7.9	10.2		
050052 Condobolin Ag Research Stn	12.8	+2.8	7.7	10.2	12.5	12.9	15.2	18.0	12.0	11.8	17.0	7.2	7.5	9.6	13.0	12.4	17.9	16.5	13.4	13.5	14.6	16.6	19.5	18.2	15.2	15.0	19.2	6.9	5.3	5.2	7.7		
051039 Nyngan Airport	14.8	+2.5	10.0	12.9	15.4	15.9	16.6	16.0	15.2	19.8	19.3	10.3	12.8	14.8	13.8	14.6	15.2	13.3	15.0	18.8	19.0	20.5	20.0	19.0	16.0	16.5	10.4	7.0	8.8	8.5			
052088 Walgett Airport AWS	14.0	7.2	11.5	14.5	16.7	15.8	14.7	14.7	19.7	22.4	11.1	12.6	15.7	13.1	15.7	15.0	13.8	12.3	14.7	12.4	15.0	18.1	18.2	19.4	16.6	11.9	12.8	11.1	6.5	9.7	7.8		
053115 Moree Aero	14.5	8.7	13.6	14.6	14.9	15.5	16.0	15.1	16.5	18.5	2.1	11.4	15.4	14.3	13.5	15.5	13.1	14.1	15.1	15.7	15.8	17.4	16.4	16.9	17.5	18.3	16.3	15.6	13.3	6.3	5.6	13.5	
054038 Narrabri Airport AWS	13.6	9.7	14.2	16.6	13.3	16.2	14.3	14.2	17.0	22.0	11.7	14.6	12.4	11.1	13.1	14.8	14.1	14.0	15.1	16.2	15.6	13.9	15.2	15.7	16.6	13.0	13.3	9.6	6.3	5.6	9.7		
055024 Gunnedah Resource Centre	14.6	+1.8	9.2	14.3	15.2	16.0	16.1	17.2	17.5	22.9	11.8	11.5	14.7	15.2	14.2	14.8	12.6	15.2	15.4	16.3	17.1	16.0	16.9	16.5	17.3	16.1	15.4	11.6	6.7	5.8	14.8		
055325 Tamworth Airport AWS	11.7	7.7	12.2	13.3	14.1	13.5	13.3	14.0	11.6	11.2	11.1	11.4	8.9	11.5	11.2	13.1	15.5	13.3	15.1	15.0	14.6	12.7	10.9	7.7	4.5	5.0	10.9						
056242 Inverell (Raglan St)	9.1	5.6	8.6	8.9	9.1	8.6	10.8	9.4	10.4	11.4	6.6	13.4	8.6	8.2	8.4	9.8	8.2	8.6	8.4	10.4	10.9	10.6	9.2	9.2	11.9	11.9	9.9	7.9	5.8	4.4	8.1		
057095 Tabulam (Muirne)	14.4	11.6	13.6	14.3	14.4	13.1	14.1	14.7	16.2	16.4	15.5	13.8	13.0	13.7	13.3	12.3	12.7	13.4	14.3	15.8	16.3	16.1	13.1	15.3	15.1	16.2	14.3	15.8	13.7	14.7	14.3		
058012 Yamba Pilot Station	17.6	+1.0	13.7	15.1	18.3	17.8	17.1	18.4	18.3	19.2	19.8	19.3	16.6	16.5	16.1	17.0	15.8	16.1	16.4	16.9	19.3	20.6	22.1	17.1	17.9	17.7	18.0	17.5	18.6	15.7	19.5	15.9	
060139 Port Macquarie Airport AWS	13.3	9.0	15.8	13.8	11.6	15.8	15.1	14.7	13.9	13.2	16.2	13.1	11.4	10.4	10.8	12.5	11.5	15.2	15.5	17.7	16.3	15.1	13.6	13.7	14.3	11.9	12.9	14.7	9.1	9.6	12.6		
061078 Williamtown RAAF	13.4	+0.1	10.3	13.7	12.5	12.7	16.5	15.1	15.9	15.2	14.6	14.4	10.7	12.9	11.8	13.8	13.4	14.2	13.9	12.7	15.1	15.0	15.2	16.3	13.6	12.9	12.6	15.0	12.5	8.7	8.9	10.9	
061363 Scone Airport AWS	11.3	7.6	11.9	12.3	11.0	13.8	15.6	13.6	13.0	20.9	13.7	7.2	9.2	11.4	9.8	11.2	10.9	10.5	9.5	13.1	16.2	15.0	13.0	11.9	12.0	10.6	11.2	7.2	4.8	3.9	8.0		
062101 Mudgee Airport AWS	9.5	5.5	10.8	10.5	10.2	12.6	13.2	10.9	10.5	10.8	4.9	9.9	8.5	7.3	13.7	14.4	9.4	10.2	8.6	10.5	9.0	12.7	12.3	14.1	12.1	10.3	10.8	-0.3	2.0	8.2			
063005 Bathurst Agricultural Station	7.1	+0.6	3.0	7.8	10.0	12.5	9.0	9.5	7.3	8.8	0.7	5.0	4.5	6.0	10.2	11.5	7.0	5.0	5.4	9.2	9.0	11.0	11.7	10.6	7.0	8.5	1.0	-0.6	0.0				
063254 Orange Agricultural Institute	4.5	10.0	9.5	10.2	10.0	10.0	13.0	0.5	3.8	6.4	6.9	7.3	7.8	7.5	9.5	9.5	9.6	10.5	10.3	10.5	10.5	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
064008 Coonabarabran (Showgrounds)	8.8	+0.8	5.2	8.8	9.8	8.0	13.0	9.9	11.5	11.6	13.8	9.5	8.0	7.5	7.3	8.3	9.4	7.0	8.2	7.5	7.0	9.7	10.7	11.5	9.8	12.0	10.5	10.5	8.6	1.0	3.1	5.3	
065070 Dubbo Airport AWS	12.6	13.9	14.4	14.5	15.0	15.3	14.3	14.7	5.0	10.4	13.9	12.0	13.5	15.5	12.7	12.2	11.8	12.9	15.1	16.8	15.3	15.2	16.4	14.0	12.9	7.3	4.2	4.5	13.2				
066062 Sydney (Observatory Hill)	16.0	+0.8	13.1	15.2	15.8	16.5	17.8	16.9	18.8	19.6	13.6	12.6	14.1	14.6	16.6	14.2	14.7	15.5	15.7	16.8	18.1	19.0	19.1	17.3	16.3	17.7	14.1	10.9	12.7	14.9			
067105 Richmond RAAF	12.2	8.6	12.8	14.3	13.8	16.2	14.0	15.1	13.2	13.4	11.2	8.6	11.9	10.1	14.3	11.4	10.4	12.1	11.4	16.0	12.6	15.3	14.8	13.9	15.9	11.5	13.5	7.8	5.2	6.7	10.7		
068072 Nowra RAN Station AWS	12.4	11.8	12.3	11.5	16.8	14.7	14.3	16.1	12.5	14.7	7.9	8.7	9.8	10.2	13.4	12.1	11.4	16.2	10.9	12.4	12.9	14.3	16.3	13.6	13.5	15.8	7.4	7.3	9.1	9.3			
068151 Jervis Bay (Point Perpendicular)	16.2	12.9	15.1	15.5	18.7	18.4	17.3	17.9	18.2	19.9	14.7	14.6	15.8	15.3	16.9	16.3	14.8	15.2	15.5	16.8	17.2	18.9	17.5	17.1	17.9	13.9	12.1	12.5	14.3				
068241 Albion Park (Wollongong Airport)	11.9	9.2	10.5	10.8	16.0	16.2	14.0	14.4	11.9	12.6	10.5	7.7	10.7	9.1	13.8	10.0	11.3	10.5	10.6	14.6	14.5	15.0	16.3	13.5	11.6	13.7	9.8	5.4	8.6	10.5			
069018 Moruya Heads Pilot Station	13.4	+1.0	11.7	11.8	14.4	17.0	16.0	15.7	16.4	13.4	13.2	7.9	9.2	12.9	11.7	13.9	13.3	12.4	13.2	16.0	15.4	16.1	16.2	16.4	15.7	15.0	12.6	7.2	8.0	9.8	12.6		
070351 Canberra Airport	7.5	3.0	7.2	7.9	12.3	13.9	9.6	7.6	6.3	13.0	0.5	1.6	10.2	4.7	10.5	6.1	6.9	7.2	6.3	13.7	9.8	8.8	11.7	10.1	10.0	8.0	1.0	0.2	1.6	4.4			
071041 Thredbo Village	2.9	-2.0	0.5	5.5	8.5	7.5	-0.5	9.7	8.0	-3.5	4.0	-3.0	-0.2	-1.0	0.5	2.5	2.0	7.0	8.0	3.5	4.5	5.5	3.0	11.0	6.5	-4.0	3.5	-1.5	-0.5				
072150 Wagga Wagga AMO	11.8	+2.5	8.7	11.5	14.2	16.6	17.6	18.3	8.4	9.0	12.5	5.7	6.4	8.0	11.0	17.0	16.7	14.7	11.9	13.9	13.8	12.8	14.1	16.7	16.9	15.7	13.9	8.1	4.2	3.7	8.0		
072160 Albury Airport AWS	9.5	8.0	9.0	11.1	13.9	13.4	15.5	8.3	8.2	10.7	4.2	4.4	5.6	5.9	8.8	11.1	12.4	10.8	13.3	10.7	11.0	13.5	12.1	13.0	9.5	2.7	2.6	4.0	4.7				
072161 Cabramurra SMHEA AWS	6.9	-0.3	6.1	8.9	7.7	8.2	9.5	8.4	10.2	6.4	-0.1	3.3	6.1	7.9	5.3	7.0	9.4	9.6	10.1	10.1	11.3	11.0	9.6	9.1	9.7	10.1	4.7	-2.1	0.3	2.8	7.9		
074258 Deniliquin Airport AWS	11.1	12.8	9.4	10.9	16.6	17.7	17.2	8.6	10.2	11.9	5.2	4.0	7.1	5.7	12.9	10.3	17.8	19.3	14.6	8.5	11.8	16.6	15.6	13.7	13.7	10.0	10.6	3.3	5.2	5.0	6.5		
Tasmania	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		
091126 Devonport Airport	8.6	4.1	7.8	10.5	7.2	9.0	11.5	9.2	7.7	5.4	3.6	3.3	7.7	8.7	7.9	10.9	13.6	11.3	16.0	19.6	13.1	12.5	12.0	8.0	8.9	3.8	5.9	4.6	6.2				
091293 Low Head	10.9	9.4	10.7	13.8	8.5	9.3	14.8	14.0	13.3	10.1	6.8	7.4	9.4	10.2	9.6	12.5	12.5	13.2	12.7	8.1	10.0	14.0	13.9	8.3	9.9	12.2	10.9	10.1	12.3	7.4	10.0		
091311																																	

Daily and total rainfall for April 2019

	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
Western Australia																																
001013 Wyndham	9.4	0.4	2.0	3.0	0.2	0.8	.	2.6	0.4	.		
001019 Kalumburu	72.6	11.8	14.2	1.4	21.4	.	6.0	3.4	0.2	1.8	12.4	.		
002056 Kununurra Aero	12.8	9.0	2.4	.	.	0.2	1.2	.		
003003 Broome Airport	38.2	19	0.4	13.4	0.2	9.4	.	9.0	0.2	5.6			
003032 Derby Aero	15.6	20	2.0	10.6	3.0			
004032 Port Hedland Airport	7.8	24	.	.	.	0.2	0.4	0.2	7.0			
004083 Karratha Aero	6.4	6.4			
004106 Marble Bar	0.6	0.4	0.2			
005007 Learmonth Airport	49.6	20	1.2	.	40.8	7.6			
006011 Carnarvon Airport	18.2	14	13.0	1.6	3.4	0.2				
006044 Denham	1.2	20	0.6	0.6			
007176 Newman Aero	3.8	3.8		
007185 Paraburdoo Aero	11.0	11.0		
007045 Meekatharra Airport	21.2	17	0.4	0.2	20.6			
007600 Mount Magnet Aero	39.4	.	0.2	1.2	.	19.6	18.0	.	.	0.2	0.2				
008296 Morawa Airport	23.2	4.8	0.2	16.8	1.0	.	.	0.4			
008297 Dalwallinu	3.4	2.2	0.2	.	0.2	.	0.6	0.2			
008315 Geraldton Airport	3.2	1.2	0.2	0.6	0.2	0.4	0.6			
009021 Perth Airport	34.0	47	7.2	4.6	1.2	.	18.4	2.6			
009131 Jurien Bay	23.0	11.6	2.4	0.2	.	0.4	0.6	.	4.6	3.2			
009225 Perth Metro	44.2	8.2	5.6	3.0	.	23.4	4.0			
009240 Bickley	62.4	.	.	0.2	10.8	15.0	2.0	.	28.8	5.6			
009518 Cape Leeuwin	40.2	71	0.2	0.2	.	.	0.2	0.4	.	0.2	4.4	4.2	0.8	0.2	21.8	7.4	0.2	0.6	.		
009617 Bridgetown	44.8	.	0.8	.	0.8	.	.	.	0.6	.	1.0	1.0	1.2	0.8	22.0	15.6	0.2	0.2	0.6	.		
009746 Witchcliffe	45.8	.	1.6	0.2	0.6	.	.	0.4	0.6	6.6	2.4	1.2	.	23.2	8.2	.	0.2	0.2	0.2	0.2	0.2		
009789 Esperance	25.4	.	1.2	5.6	0.6	1.4	.	0.6	2.2	0.4	10.8	0.8	.	1.8	13.6	3.6		
009965 Bunbury	16.2	.	.	0.2	0.4	3.4	0.2	22.6	11.8			
009977 Mandurah	38.6	.	.	0.2	0.8	.	0.4	1.2	2.0	0.6	24.2	3.2	1.6		
009999 Albany Airport	38.6	.	1.0	0.4	3.2	.	.	.	0.8	.	0.4	1.2	2.0	0.6	24.2		
010007 Bencubbin	5.5	28	0.2	0.4	2.0	.	.	.	0.1	.	0.2	0.3	0.2	0.6	1.1		
010092 Merredin	22.8	25	2.0	16.0	1.0	0.8	.	3.0		
010286 Cunderdin Airfield	21.6	.	0.8	13.8	0.4	2.0	0.2	1.2	.	3.2			
010633 Ravensthorpe	11.5	36	0.1	2.7	4.0	.	.	.	0.1	.	0.8	.	1.6	.	.	0.2	2.0	.				
010911 Lake Grace	17.0	.	0.2	.	3.6	10.2	.	0.8	0.2	1.8	0.2			
010916 Katanning	15.2	.	0.4	2.2	0.8	0.8	0.6	6.8	3.4	.	.	.	0.2				
010917 Wandering	23.2	.	0.4	.	0.2	5.6	3.4	0.2	11.0	2.4				
011003 Eucla	14.4	27	.	.	.	0.2	.	.	.	0.4	2.4	0.4	0.4	0.4	8.4	0.4	0.6	1.2	.					
011052 Forrest	8.6	2.4	.	.	5.4	0.2	.	.	0.4	0.2				
012038 Kalgoorlie-Boulder Airport	36.2	23	.	7.0	12.4	8.2	0.4	8.0	0.2	4.4	.					
012071 Salmon Gums Res.Stn.	12.0	29	2.2	1.4	3.6	.	.	.	0.2	0.2	.	.	.	0.2				
013011 Warburton Airfield	6.4	4.6	.	.	1.8				
013012 Wiluna	27.6	21	0.1	27.5				
013017 Giles Meteorological Office	3.6	16	3.6	.				
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	29	30
014015 Darwin Airport	157.4	85	.	.	8.6	47.6	0.4	52.0	1.6	40.2	6.2	.	.	0.2	0.6	.		
014198 Jabiru Airport	83.6	.	0.2	1.6	2.0	5.0	24.2	42.2	7.6	0.6	0.2	
014932 Tindal RAAF	25.0	2.8	0.2	2.6	18.2	1.2	.				
014508 Gove Airport	587.8	34.4	69.2	48.0	16.0	9.8	76.0	120.8	32.8	108.6	10.4	.	6.0	.	6.8	8.2	.	0.6	2.0	.	11.8	.	4.2	0.4	1.6	0.2	.	7.6	12.4	.		
014723 Borroloola Airport	24.4	2.2	.	3.2	16.8	2.2	.				
014825 Victoria River Downs	6.6	23	6.6	
015135 Tennant Creek Airport	.	17	
015590 Alice Springs Airport	
015635 Yulara Airport	
015666 Rabbit Flat	
South 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	29	30
016001 Woomera Aerodrome	0.8	13	0.8	.		
016098 Tarcoola Aero	0.2	
017043 Oodnadatta Airport	.	16	
018012 Ceduna AMO	13.2	20	.	.	.	0.4	12.2	0.2			
018044 Kyancutta	6.4	19	.	.	.	0.4	.	.	.	0.6	6.0		
018192 North Shields (Port Lincoln AWS)	3.6	.	.	0.2	0.2	.	.	0.6	2.6	
021133 Showtown (Rayville Park)	2.0	0.2	0.2	.	.	0.4	.	0.2	.	0.2	.	0.6	0.8	0.2			
022823 Cape Borda	4.0	1.2																								

Daily and total rainfall for April 2019

	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																																				
046043 Wilcannia (Reid St)	78.4	25					
048027 Cobar MO	52.8	33					
048245 Bourke Airport AWS	36.0					
049000 Ivanhoe Aerodrome AWS	33.4					
050052 Condobolin Ag Research Stn	0.2	40					
051039 Nyngan Airport	.	48					
052088 Walgett Airport AWS					
053115 Moree Aero					
054038 Narrabri Airport AWS					
055024 Gunnedah Resource Centre	.	42					
055325 Tamworth Airport AWS					
056242 Inverell (Raglan St)	4.8	.	.	4.2	0.6					
057095 Tabularia (Muirne)	61.0	.	.	17.8	0.8	0.2	1.0	.	.	.	4.4	19.6	10.0	1.8	3.0	2.2	0.2					
058012 Yamba Pilot Station	123.2	200	.	4.0	8.6	.	6.6	1.4	16.8	12.6	5.8	16.2	0.4	7.2	15.8	1.4	5.6	2.6	6.8	2.8	3.4	.	4.0	.	1.2				
060139 Port Macquarie Airport AWS	67.0	.	.	4.2	2.0	.	0.6	19.6	1.4	.	.	0.2	0.6	5.6	5.4	1.6	11.0	11.2	0.6	2.8	.	0.2				
061078 Williamtown RAAF	36.0	119	.	23.8	0.6	2.2	.	.	0.2	1.4	3.6	1.4	0.2	0.2	2.0	0.2	0.2			
061363 Scone Airport AWS	0.2	0.2				
062101 Mudgee Airport AWS	0.4	0.4				
063005 Bathurst Agricultural Station	0.6	50	0.6			
063254 Orange Agricultural Institute	17.8	64	17.6	0.2			
064008 Coonabarabran (Showgrounds)	.	55				
065070 Dubbo Airport AWS				
066062 Sydney (Observatory Hill)	11.2	133	.	2.8	.	3.0	4.8	0.2	0.2	.	0.2	.	0.2	.	.				
067105 Richmond RAAF	13.6	.	.	2.6	0.2	2.4	7.6	0.2	0.2	.	.	0.2	.	0.2	.	0.2				
068072 Nowra RAN Air Station AWS	32.4	.	3.8	1.2	.	25.8	0.8	0.2	0.2	0.2	.	0.2	.	0.2	.	0.4	.	0.2	.	7.2	.	.	.				
068151 Jervis Bay (Point Perpendicular)	17.4	2.4	5.0	.	0.4	1.0	0.2	0.2	0.2	.	0.2	.	0.4	.	0.2	.	0.2	.	0.2	.	0.2	.	.				
068241 Albion Park (Wollongong Airport)	37.2	.	.	.	1.2	16.2	0.2	0.2	.	.	0.2	17.8	1.6		
069018 Monuya Heads Pilot Station	21.6	110	.	.	.	19.4	0.2	.	.	0.2	0.2	.	.	0.2	.	1.0	.	0.2	0.2			
070351 Canberra Airport	10.0			
071041 Thredbo Village	13.7	5.4	.	.	.	2.2	0.4	0.4	.	.	.	1.7	.	.	.	0.2	0.5	0.4	2.2	0.4	.	.	0.1	.	.	.		
072150 Wagga Wagga AMO	25.4	50	0.2	25.2	
072160 Albury Airport AWS	16.2	16.0	0.2			
072161 Cabramurra SMHEA AWS	8.8	0.2	.	.	.	3.4	5.2			
073054 Wyalong Post Office	.	48			
074258 Deniliquin Airport AWS	9.8	9.6	0.2			
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	29	30				
070631 Mildura Airport	1.2	24	0.1	1.0	0.1
077008 Birchip (Woodlands)	.	30		
078015 Nhill Aerodrome	0.6	.	.	.	0.2	.	0.2	0.2			
079082 Horsham	0.8	30	0.6	.	.	0.2		
080023 Kerang	.	32		
081123 Bendigo Airport	3.2	3.0		
082039 Rutherglen Research	0.8	46	0.2	0.4	0.2	.	.	.	0.2			
083085 Mount Hotham	42.4	44	0.2	.	1.2	0.6	4.8	.	0.2	0.6	0.2	15.6	0.6	.	12.0	0.2	1.8			
084016 Gabo Island Lighthouse	51.8	92	0.4	.	7.0	10.8	0.2	.	.	3.2	20.2	0.8	7.8	0.2	1.2			
084145 Orbost	6.2	.	.	.	0.4	.	0.2	.	.	1.4	0.2	.	.	.	0.2	.	.	0.2	.	.	.	0.2	.	1.8	0.2	1.4	.	0.2			
085072 East Sale	8.0	53	1.6	0.2	.	0.2	0.2	.	0.8	4.4	.	0.8	.	0.2	.	.	3.2	.	.		
085096 Wilsons Promontory Lighthouse	39.4	84	1.2	.	.	.	0.8	.	0.8	13.8	1.2	0.2	0.2	.	1.2	0.4	3.8	.	1.8	1.8	3.4	1.8	3.6	3.4	.	.			
087031 Laverton RAAF	4.2	51	0.2	0.2	0.4	0.2	
087184 Breakwater (Geelong Racecourse)	4.0	0.4	1.0	1.6	0.8	0.2	
089002 Ballarat Aerodrome	14.4	55	0.8	4.4	0.8	4.0	0.2	2.2	0.4	0.4	1.2	
090015 Cape Otway Lighthouse	33.0	75	1.0	.	.	1.0	.	4.8	2.2	.	5.6	4.8	2.2	.	.	1.4	.	.	2.6	4.8	1.0	2.0	1.6	0.2	
Tasmania	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				
091126 Devonport Airport	34.7	64	.	.	0.8	0.2	10.5	.	4.0	5.4	.	0.6	.	.	.	11.2	.	.	1.6	0.2	0.2	.	.	
091293 Low Head	39.8	.	.	.	0.2	.	10.4	.	1.6	10.6	5.0	.	.	6.2	.	0.2	0.2	.	5.6		
091311 Launceston Airport	30.6	9.2	.	3.6	3.2	.	.	0.2	.	.	1.0	.	0.2	1.0	.	.	0.6	.	.	0.4		
092045 Iarapuna (Eddystone Point)	21.6	68	.	.	.	16.0	0.2	2.2	.	.	1.0	.	.	0.2	.	0.2	1.0	.	.	0.6		
093053 Ross (The Boulevards)	36.6	13.6	.	1.8	0.2	.	2.0	.	.	.	11.4	.	.	»	»	»	»	»														