



Australian Government
Bureau of Meteorology

Monthly Weather Review Australia March 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:

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Units of measurement

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

Observation times and periods

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

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

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

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

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

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

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

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

Sand dunes beneath scattered cloud near Old Andado Homestead.

Photograph by Gavin Heathertington-Tait, 2 May 2008. Used with permission.

Overview

- Warmest March on record for Australia, Western Australia and the Northern Territory; amongst the six warmest Marches on record for New South Wales, Queensland and South Australia
- Rainfall for the month was below to very much below average in a wide band from the Kimberley and Top End, through central Australia down to the Nullarbor, and across southern South Australia, and much of Victoria, in northern and eastern Tasmania, and pockets along the west coast and Northern Interior of Western Australia
- Two severe tropical cyclones contributed to above and very much above average rainfall in far northern Queensland, the southern Gulf of Carpentaria coast, western to central Queensland and parts of the south and southeast of the State, the east of the Northern Territory, northeast South Australia, and part of the Pilbara coast
- A wet end to the month brought totals to above average for eastern New South Wales, far eastern Victoria, and southeast Queensland

March was the warmest on record for Australia in terms of mean temperature and second warmest on record for both mean maximum and mean minimum temperatures. However, daytime temperatures were near average across northern Queensland, associated with severe tropical cyclone *Trevor*, and along parts of the country's southern coast following a cold end to the month.

The passage of two severe tropical cyclones during the month, *Trevor* and *Veronica*, produced above average rainfall for large parts of eastern Australia and in the Pilbara region of Western Australia. Below to very much below average rainfall was experienced across much of Victoria, southern and western South Australia, along the border of Western Australia and the eastern and northern Kimberley, the west and north of the Northern Territory, and pockets along the west coast, Northern Interior district of Western Australia, and the northern and eastern coast of Tasmania.

Areal averages in March 2019

	Rainfall anomaly	Mean maximum temperature anomaly	Mean minimum temperature anomaly	Mean temperature anomaly
Australia	-7%	+2.30 °C 2nd-highest	+1.86 °C 2nd-highest	+2.08 °C highest
Western Australia	-35%	+2.56 °C 2nd-highest	+1.99 °C highest	+2.28 °C highest
Northern Territory	-40%	+3.34 °C highest	+1.90 °C 2nd-highest	+2.62 °C highest
South Australia	-65%	+2.21 °C 7th-highest	+1.34 °C	+1.78 °C equal 4th-highest
Queensland	+47%	+1.59 °C	+2.03 °C 3rd-highest	+1.81 °C 5th-highest
New South Wales	+1%	+1.86 °C	+1.91 °C 4th-highest	+1.89 °C 6th-highest
Victoria	-29%	+1.20 °C	+1.26 °C	+1.23 °C
Tasmania	-17%	+0.85 °C	+0.42 °C	+0.64 °C

Extremes in March 2019

	Hottest day	Coldest night	Wettest day	Warmest overall	Coolest overall	Wettest overall	Strongest wind gust
Australia	48.1 °C at Roebourne Aero (WA) on the 10th	-5.9 °C at Perisher Valley AWS (NSW) on the 7th	302.0 mm at Lockhart River Airport (Qld) on the 20th	33.8 °C at Telfer Aero (WA) and Walungurru Airport (NT)	8.8 °C at kunanyi (Mount Wellington Pinnacle) (Tas.)	1155.0 mm at Bellenden Ker Top Stn (Qld)	159 km/h at Maatsuyker Island Lighthouse (Tas.) on the 25th
Western Australia	48.1 °C at Roebourne Aero on the 10th	2.8 °C at Salmon Gums Res.Stn. on the 30th	263.4 mm at Indee on the 25th	33.8 °C at Telfer Aero	18.1 °C at North Walpole and Rocky Gully and Shannon	648.2 mm at Indee	154 km/h at Roebourne Aero on the 24th
Northern Territory	45.0 °C at Curtin Springs on the 11th	8.1 °C at Alice Springs Airport on the 31st	172.0 mm at Marqua on the 25th	33.8 °C at Walungurru Airport	27.8 °C at Alice Springs Airport	437.6 mm at Dum In Mirrie Airstrip	139 km/h at Centre Island on the 23rd
South Australia	45.3 °C at Nullarbor on the 1st	2.5 °C at Padthaway South on the 30th	42.2 mm at Kalamurina on the 25th	28.7 °C at Oodnadatta Airport	17.0 °C at Robe Airfield	42.2 mm at Kalamurina	94 km/h at Mount Crawford AWS on the 24th
Queensland	44.1 °C at Bedourie on the 11th	6.4 °C at Stanthorpe Leslie Parade on the 31st	302.0 mm at Lockhart River Airport on the 20th	30.6 °C at Century Mine	21.1 °C at Applethorpe	1155.0 mm at Bellenden Ker Top Stn	137 km/h at Lockhart River Airport on the 19th
New South Wales	41.9 °C at Bourke Airport AWS on the 23rd	-5.9 °C at Perisher Valley AWS on the 7th	163.0 mm at Doon Doon (McCabes Road) on the 8th	27.5 °C at Wanaaring (Borrone Downs AWS)	9.4 °C at Thredbo AWS	329.8 mm at Mona Vale Golf Club	131 km/h at Griffith Airport AWS on the 29th
Victoria	41.5 °C at Hopetoun Airport on the 3rd	-3.5 °C at Mount Hotham on the 7th	116.0 mm at Mount Hotham on the 25th	22.6 °C at Mildura Airport	9.7 °C at Mount Hotham	196.8 mm at Mount Hotham	124 km/h at Wilsons Promontory Lighthouse on the 25th
Tasmania	40.1 °C at Dover on the 2nd	-4.2 °C at Liawenee on the 13th	54.4 mm at Upper Blessington on the 22nd	18.0 °C at larapuna (Eddystone Point) and Swan Island	8.8 °C at kunanyi (Mount Wellington Pinnacle)	271.4 mm at Mount Read	159 km/h at Maatsuyker Island Lighthouse on the 25th

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

Tropical cyclones

A tropical low was identified about 970 kilometres east of Christmas Island on the 8th, and later became Tropical Cyclone *Savannah* about 110 kilometres west of the Cocos (Keeling) Islands on the 14th. Strong to gale force winds were experienced on the islands. Vegetation damage and minor property damage were reported. *Savannah* tracked southwest and intensified to be a severe cyclone (category 4) on the 17th.

Severe tropical cyclone *Trevor* was named off the Cape York Peninsula east coast in the early morning on the 18th, then intensified rapidly before making landfall just south of Lockhart River as a severe cyclone (category 3) on the 19th. *Trevor* moved across the Cape York Peninsula and re-intensified over the Gulf of Carpentaria before making a second landfall east of Port McArthur in the Northern Territory as a category 4 system on the 23rd.

Trevor brought widespread heavy rainfall across Cape York Peninsula and Queensland's north tropical coast, as well as heavy rainfall about the southern coast of the Gulf. Some sites in Queensland had their highest March daily rainfall on record. Around 2500 evacuees from remote communities along the Northern Territory's western Gulf coast were given temporary accommodation in Darwin and Katherine ahead of the cyclone's landfall. The remnants of the ex-tropical cyclone continued to produce rainfall over the east of the Northern Territory and western Queensland, and contributed to heavy rainfall over eastern Australia associated with the passage of a trough and cold front at the end of the month. In north Queensland, trees were defoliated and fell, building were damaged at Lockhart River and roads were cut due to localised flooding. Some rain from this event is likely to join flood waters from events earlier in the year already making their way to Lake Eyre / Kati Thanda in South Australia.

Severe tropical cyclone *Veronica* was named in the early hours of the 20th while well offshore to the northwest of Western Australia. The system rapidly intensified and maintained category 4 strength between the 21st and 23rd as it moved southwest then south towards the Pilbara coast. *Veronica* (category 3) moved very close to the coast, west of Port Hedland on the 24th and remained near-stationary for the next 24 hours before tracking westwards and weakening to below tropical cyclone strength by the 26th. *Veronica* was a slow moving system and generated moderate to locally very heavy falls over the Pilbara. Major flooding resulted along the Pilbara coast with both Port Hedland and Karratha

cut off by flooding and multiple roads closed in the region, including the Great Northern Highway and North West Coastal Highway.

Bushfires in Victoria

With little rain during the month, most of the large fires which had been burning since earlier in the season (see February summary) continued to burn within containment lines. Lightning over the ranges to the east of Melbourne on the last day of February and first day of March, and again on the 4th, sparked multiple new fires, around 30 fires were burning by the 5th.

Several fires became very large, including in Bunyip State Park southeast of Melbourne (over 15 000 hectares burned and seven structures lost), at Yinnar South in Latrobe Valley in South Gippsland (more than 1900 ha and two structures), in Alpine National Park at Licola (over 80 000 ha), northwest of Dargo (two fires burned over 32 000 ha combined), and near Omeo (more than 14 000 ha). Numerous smaller fires were also started by lightning early in the month, including Rosedale (burning more than 12 000 ha), Timbarra (over 22 000 ha), Walhalla and Aberfeldy (around 6000 ha), and Cambarville (around 2600 ha).

Thunderstorms in Victoria

On the evening of the 22nd, a thunderstorm associated with a low pressure trough delivered heavy rain and hail to eastern parts of Greater Melbourne. The SES received more than 70 calls for help mostly for building damage, flash flooding and trees downed.

A strong cold front crossed Victoria between the afternoon of 22nd to the evening of 24th and brought an end to the week-long spell of warm and unusually humid weather. The front produced damaging winds, with many sites recording gusts in excess of 100 km/h. The strongest wind gust in Victoria for March, 124 km/h, was recorded at Wilsons Promontory Lighthouse on the 25th. The SES responded to more than 140 calls for help, mostly for downed trees and building damages, around a third of the calls were from Melbourne.

Hot days across Australia

Records for individual hot days were set during March across the country between the 9th and the 12th. New State March high daytime temperature records were set at Dover (Tasmania) with 40.1 °C on the 2nd, Roebourne (Western Australia) with 48.1 °C on the 10th, and Yulara (Northern Territory) with 44.8 °C on the 11th.

Long runs of warm days were common across northern Australia. Rabbit Flat, in the Tanami district in the Northern Territory, reached at least 39 °C on each day from 1 December 2018 to 25 March 2019, running for 115 consecutive days and exceeding the previous record of 106 days at Marble Bar in Western Australia (9 November 1921 to 22 February 1922).

Severe winds in South Australia

On the 24th, a vigorous front linked to a deep low over the southern ocean moved across southern South Australia during the evening of the 24th and into the early hours on the 25th. Strong west to northwesterly winds developed during the afternoon on the 24th ahead of the front, gradually turning strong and gusty west to southwest behind the front early on the 25th. At Mount Crawford in the Mount Lofty Ranges, westerly winds averaged 60-65 km/h with wind gusts to 95 km/h late in the evening. There were numerous reports of trees down though the Mount Lofty Ranges and in the South East, but no other significant impacts.

Severe thunderstorms in Sydney

On the 5th, a severe thunderstorm impacted Greater Sydney leaving more than 17 000 homes without power and hailstones the size of a 20-cent piece were reported in the western suburbs and the Illawarra district.

Severe thunderstorms, associated with a coastal trough, produced giant hail, flash flooding and heavy falls across Greater Sydney on the evening of the 14th. More than 620 calls were made to the SES and Mona Vale Golf Club (in the Northern Beaches) recorded 120.8 mm in 2 hours.

Severe winds in the Northern Territory

Multiple severe thunderstorms generated strong wind gusts throughout the month, including 91 km/h at Maningrida on the 8th and 94 km/h recorded at Darwin Airport on the 9th.

Strong easterly winds in the Perth Hills

On the 5th, strong and gusty easterly winds over the Perth Hills produced minor tree damage along the South Western Highway and Tonkin Highway. Mount Solus recorded a wind gust of 93 km/h.

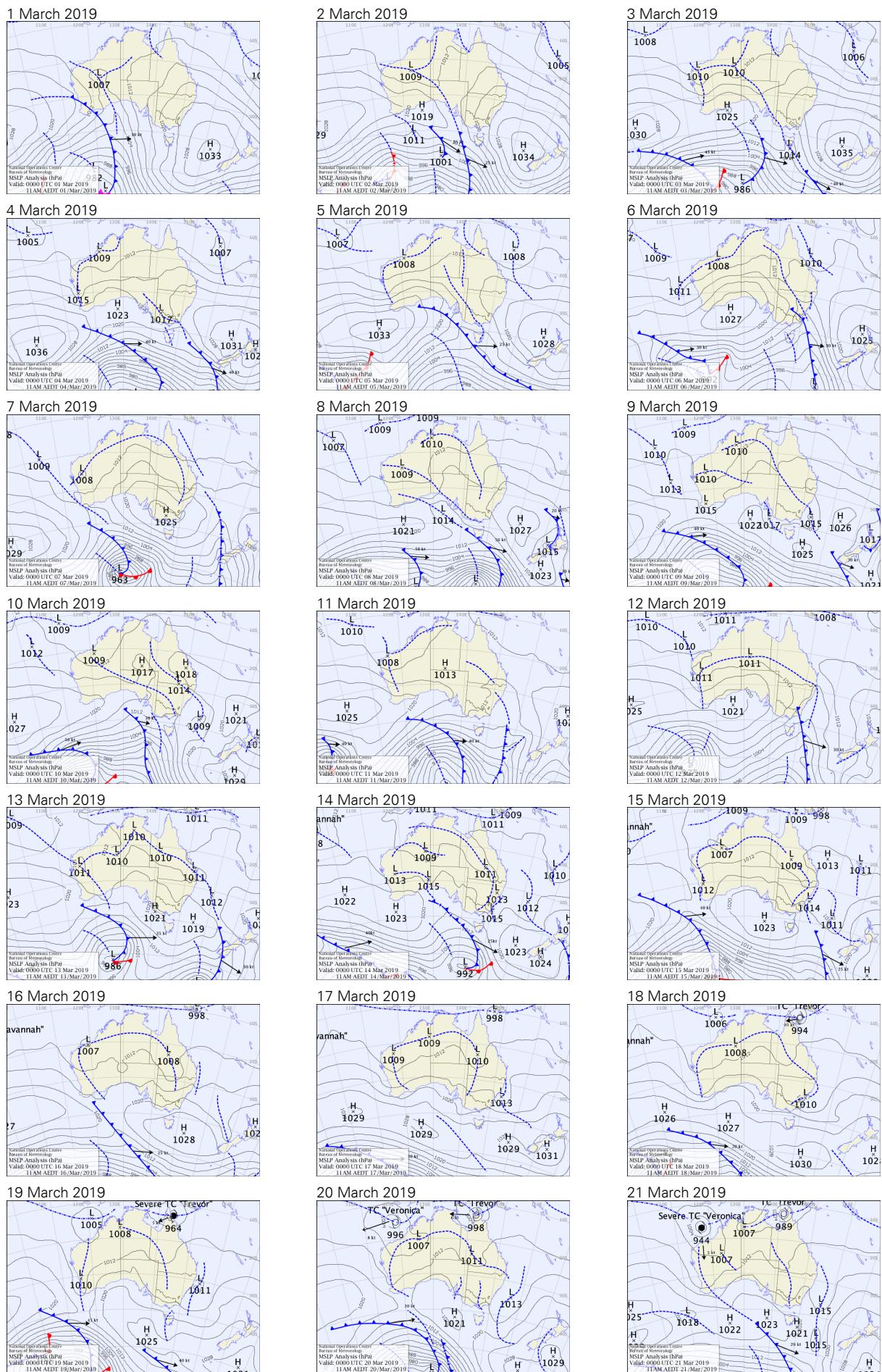
Thunderstorms in Western Australia

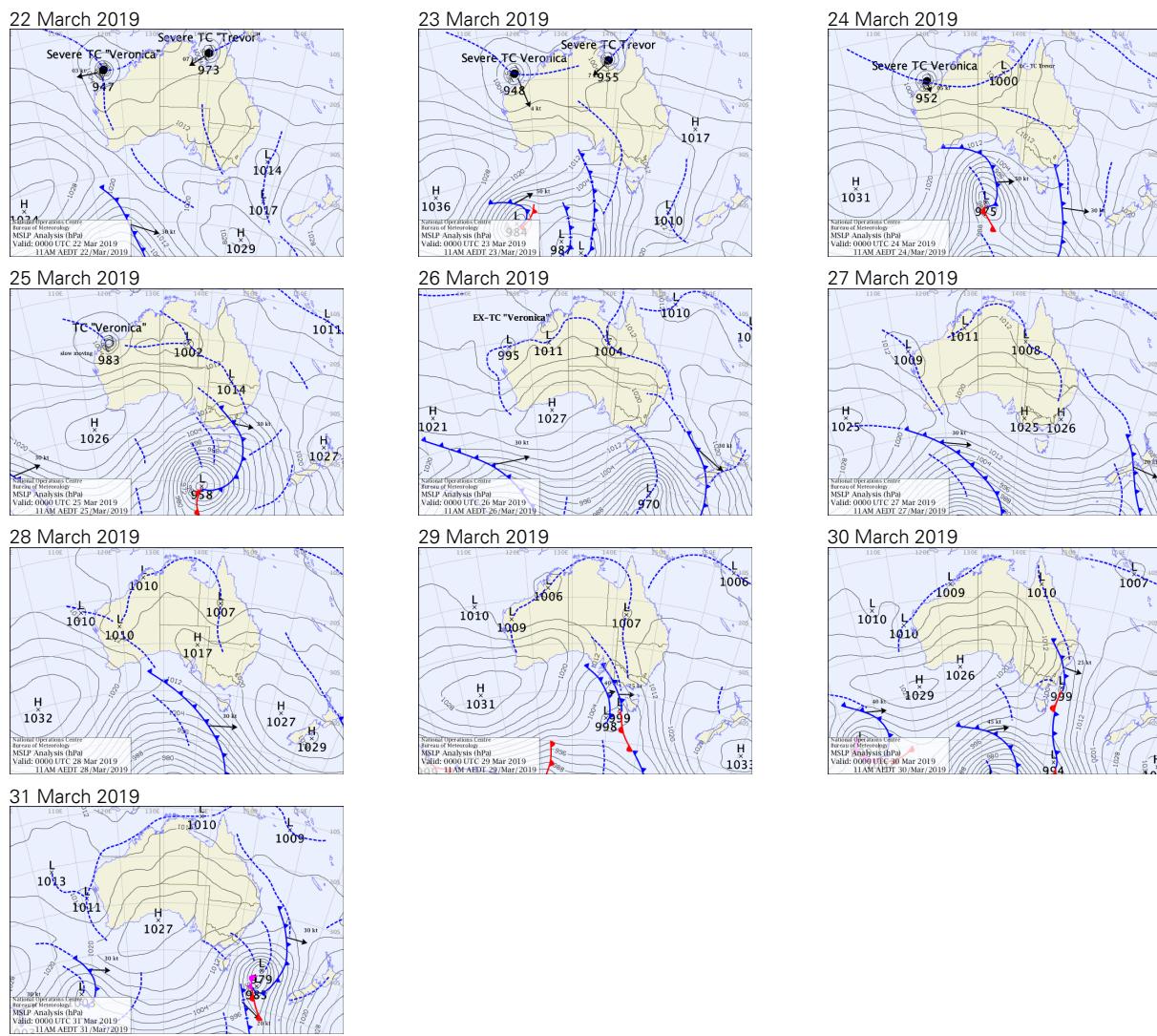
Thunderstorms developed near the west Kimberley coast on the 7th, and Curtin Airport recorded a maximum wind gust of 93 km/h.

Areas of thunderstorms moved into the north Kimberley on the 9th and 10th. Severe wind gusts were recorded at Wyndham Aero, Kununurra, and Troughton Island which had a maximum gust of 120 km/h.

A trough produced a period of active thunderstorms in the South West Land Division between the 18th and 21st. Southern Cross Airfield in the eastern Central Wheatbelt recorded a severe wind gust of 93 km/h on the 18th and 21st. Salmon Gums Research Station also recorded a wind gust of 100 km/h on the 20th. Narrikup West recorded a daily rainfall of 74 mm on the 20th, and paddocks and roads surrounding Narrikup were flooded. Toodyay in the Lower West reported damage to some buildings in the town with roofs torn off on the 21st.

Synoptic analyses and summary





Synoptic summary

At the start of the month, a series of cold fronts tracked to the south of the continent, with some brushing the southern coastline, while a high pressure system remained near-stationary in the Tasman Sea. Surface troughs extended along the west, north and east coasts of the continent during the first week of the month. This pattern continued into the second week of March, with broad surface troughs located over the northern half of the continent, and cold fronts sweeping southern parts of Australia. There was little impact in terms of rainfall, except in eastern Australia where a strong ridge along the east coast produced onshore flow.

By the third week, an inland trough through western Queensland and New South Wales, combined with a trough just off the coast of New South Wales to produce extensive areas of rain in eastern Australia.

In the north, an embedded tropical low pressure system on the monsoon trough in the Coral Sea moved southwest and intensified into tropical cyclone *Trevor* off the east coast of the Cape York Peninsula.

The system made landfall as a severe tropical cyclone just south of Lockhart River, and weakened as it moved through the Peninsula. The system re-intensified to a severe tropical cyclone over the Gulf of Carpentaria and made landfall east of Port McArthur in the Northern Territory. It weakened to an ex-tropical cyclone and tracked south through eastern parts of the Northern Territory, before turning east and crossing the border into western and then central Queensland. At the same time, another tropical low was named tropical cyclone *Veronica* off the northwest of Western Australia, then rapidly intensifying into a severe tropical cyclone. Although *Veronica* did not make landfall, it moved close to the Pilbara coastline. In the last week of the month, a strong and vigorous cold front tracked across southern Australia and combined with an extensive cloudband linked to the remnants of ex-*Trevor* over central Queensland, producing widespread moderate to heavy falls across much of western and central Queensland, and most of eastern Australia.

Temperatures

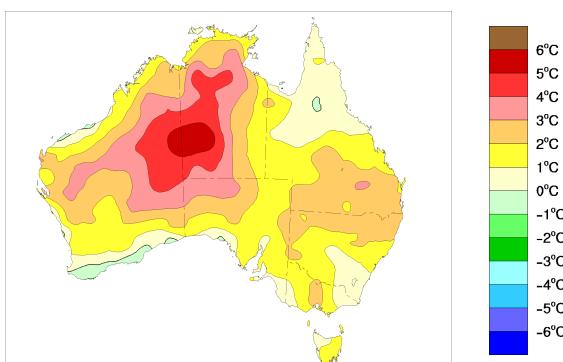
The national mean temperature was 2.08 °C above average and Australia's warmest March on record. The mean maximum and minimum temperature for the month were both second warmest on record, at 2.30 °C and 1.86 °C above averages respectively.

It was particularly warm in the Northern Territory and Western Australia, where the monthly mean temperature was warmest on record for March. It was the equal-fourth warmest March on record for South Australia, fifth warmest March for Queensland, and sixth warmest March for New South Wales.

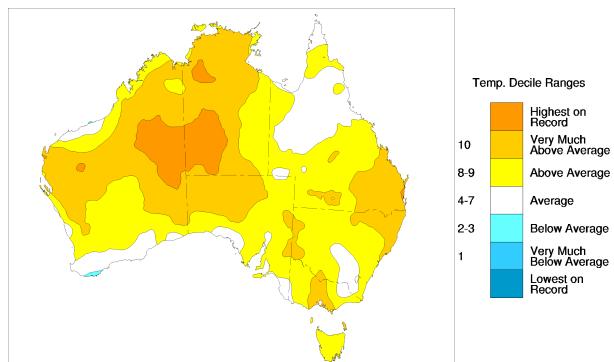
Maximum temperatures

Maximum temperatures were above to very much above average over most of Australia. Thick cloud cover and rain associated with severe tropical cyclone *Trevor* in late March brought near-average daytime temperatures for most of northern and western Queensland. Following what had been much warmer than average days for most of the month, a cold end brought mean monthly maximum temperatures down to near-average across parts of the southern coast of Western Australia and South Australia, as well as in a region spanning the Alpine region and central New South Wales. Warmest on record mean maximum temperature for the month was observed in a large area spanning the southwest of the Northern Territory and adjacent Western Australia, as well as a small area on the southeast coast of Queensland.

Anomalies of mean daily maximum temperature in March 2019



Decile rank of mean daily maximum temperature in March 2019



The beginning of March was warm, particularly for the southeast corner of Western Australia, the southern half of South Australia, most of Victoria and Tasmania where daytime temperatures were 10 to 12 degrees warmer than average. Hot days lingered around inland northern Victoria and southeastern New South Wales until the 4th, as a result of a slow-moving trough of low pressure dragging hot air from the interior of the country. Numerous sites across southeast Western Australia, South Australia, Victoria and Tasmania reported record high daytime temperatures.

Relief came after a cold front tracked across southern coastal districts from the 5th with a pool of cold air behind it dropping temperatures rapidly.

Another record breaking hot period started in the northwest Western Australia on the 10th and spread to the Northern Territory's south and Queensland's central and southeast from the 11th to 13th, as a broad surface heat trough extended over northern Australia into southeastern Queensland. The highest daily maximum temperature for March for Australia, 48.1 °C, was recorded at Roebourne Aero in Western Australia on the 10th.

Australia experienced milder conditions during the middle of the month. Large areas of cloud associated with active surface and mid-level troughs spanned from southwest Western Australia, through the interior of the Northern Territory and through the interior of eastern Australia around the 14th and 19th.

Thick cloud cover associated with ex-tropical cyclone *Trevor* created cool conditions across Queensland from the 25th to the end of the month where many stations across the southeast corner of the State experienced some record cold days.

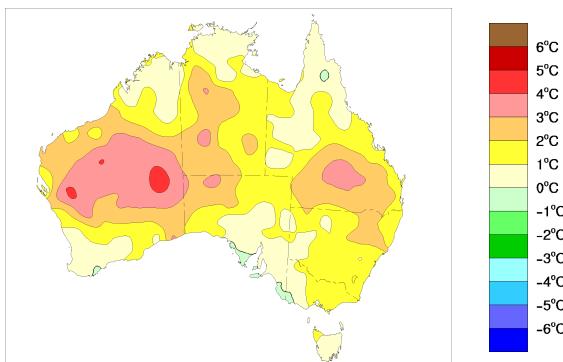
Across southern Australia, the passage of a vigorous trough and cold front towards the end of month brought very wet and cold conditions across southeastern Australia. Many low daytime

temperature records were reported across sites in Victoria and southeastern New South Wales where maximum temperatures were 10 to 12 degrees cooler than average. The lowest daytime temperature of the month was reported on the 30th at Mount Hotham in Victoria with its temperature reaching only 0.6 °C.

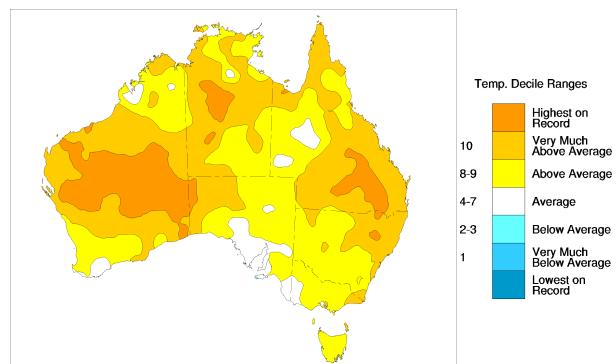
Minimum temperatures

The mean minimum temperature for the month was warmer than average for nearly all of Australia except for some areas in western Queensland, around the Eyre and Yorke peninsulas in South Australia, far southeastern South Australia and southwestern Victoria, and small pockets in the western Kimberley and southwest of Western Australia. The mean minimum temperature was the warmest on record for March in a large area of Western Australia focused on the eastern Gascoyne and Interior districts, extending into the western border in South Australia, and also for central parts of the Northern Territory and in Queensland inland of the ranges between the Darling Downs and Central Highlands.

Anomalies of mean daily minimum temperature in March 2019



Decile rank of mean daily minimum temperature in March 2019



The Melbourne metropolitan area had record warm overnight temperatures on the 1st. On the 2nd, several sites across southeast South Australia, southwest Victoria and Tasmania experienced record warm overnight temperatures up to 12 degrees warmer than average.

Warm nights across the country continued for the first week of the month, until a cold front brought cooler nights for the southeast corner of the country and the month's coldest overnight temperature for Australia, -5.9°C , was recorded at Perisher Valley AWS in New South Wales on the 7th.

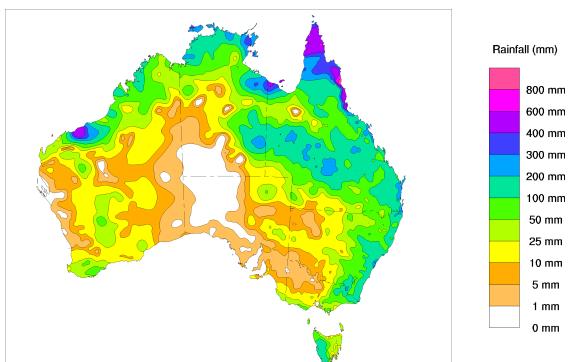
A period of warm nights immediately followed which saw much of Australia experienced warmer than average overnight temperatures between the 9th and 12th.

Nights were cold at the end of the month across most of Australia (away from the northern coastal areas) due to a very cold airmass behind a strong cold front combined with a high pressure system that brought clear skies. Temperatures on the 31st were very cold for northern South Australia, much of New South Wales, southern and southwestern Queensland, southern Northern Territory with temperatures up to 12 degrees below average. Streaky Bay in South Australia on the 31st had its coldest March night in 62 years of record.

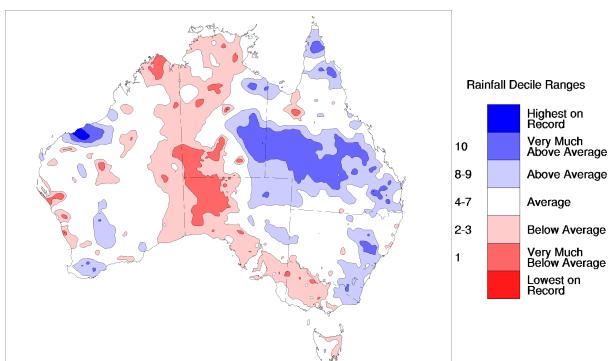
Rainfall

A high pressure system in the Tasman Sea moved slowly eastwards and maintained a strong ridge along the east coast of Queensland during the first week of the month. An onshore flow extended southwards to parts of the northeast coast of New South Wales and produced moderate falls along much of the east coast of Queensland. While in the north, thunderstorms and showers continued during the first week across the Kimberley and northern Top End.

Total rainfall in March 2019



Decile rank of total rainfall in March 2019



Towards the second week of the month, a cold front and pre-frontal trough tracked across southeast Australia, generating light falls along parts of the south coast of South Australia, southern and eastern Victoria, western and southern Tasmania, and parts of central and southeastern New South Wales.

Between the 8th and 10th, showers and thunderstorms generated moderate falls along much of Queensland's east coast, southern interior and Cape York Peninsula, and northeast New South Wales. While across northern Australia, broad areas of low pressure produced thunderstorms and moderate falls over the Kimberley, Arnhem Land, coastal areas of the northwest and northern Top End in the Northern Territory from the 10th.

From the 13th, surface troughs extended from the north to southwest of Western Australia, across central parts of the Northern Territory, and from northwest to southeast Queensland. Showers and thunderstorms produced moderate falls in parts of the Kimberley, Pilbara and Gascoyne in Western Australia, the Gulf Country, Cape York Peninsula, and across central to southeast Queensland.

A weak cold front crossed Tasmania from the 15th and generated light falls across the west of the State. From the 16th, surface troughs extended across northern and eastern Australia and triggered thunderstorms in the Kimberley, the Top End of the Northern Territory, and northern Queensland. Meanwhile a series of upper-level troughs over central and southern Queensland combined with the surface trough and produced widespread showers and embedded thunderstorms, produced moderate falls across much of eastern Queensland, northeastern and east coast New South Wales, and far eastern Victoria until the 19th.

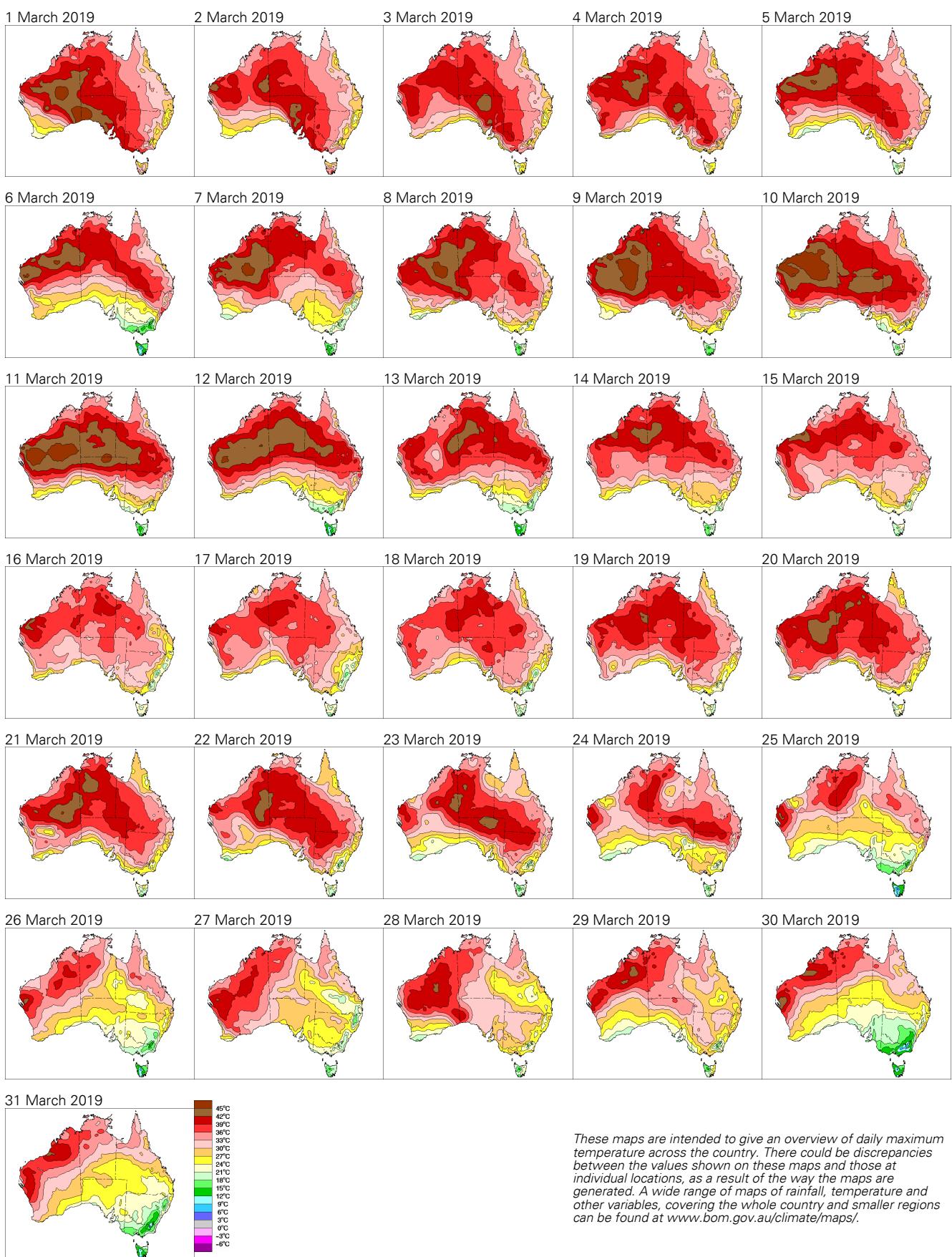
The monsoon trough began developing from early March and was located north of Australia by the middle of the month. A tropical low pressure embedded in the monsoon intensified into tropical cyclone *Trevor* and made landfall on the afternoon of the 19th, south of the Lockhart River in northern Queensland. The highest daily rainfall total for the month, 302.0 mm, was recorded at Lockhart River Airport on the 20th.

Trevor tracked across the far north of the Cape York Peninsula and into the Gulf of Carpentaria and re-intensified into a category 4 strength system before making landfall near Port McArthur in the Northern Territory on the 23rd. The system weakened and continued to track south over interior parts of the Northern Territory and western Queensland producing widespread heavy falls across eastern regions of the Northern Territory and most of Queensland until the end of the month.

At the same time, tropical cyclone *Veronica* formed along the monsoon trough, off the northwest of Western Australia. *Veronica* tracked south and approached close to the Pilbara coast, west of Port Hedland as a severe cyclone on the 23rd, but did not make landfall. Thunderstorms and heavy falls extended over a large area to the north and south of the system between 23rd and the 27th.

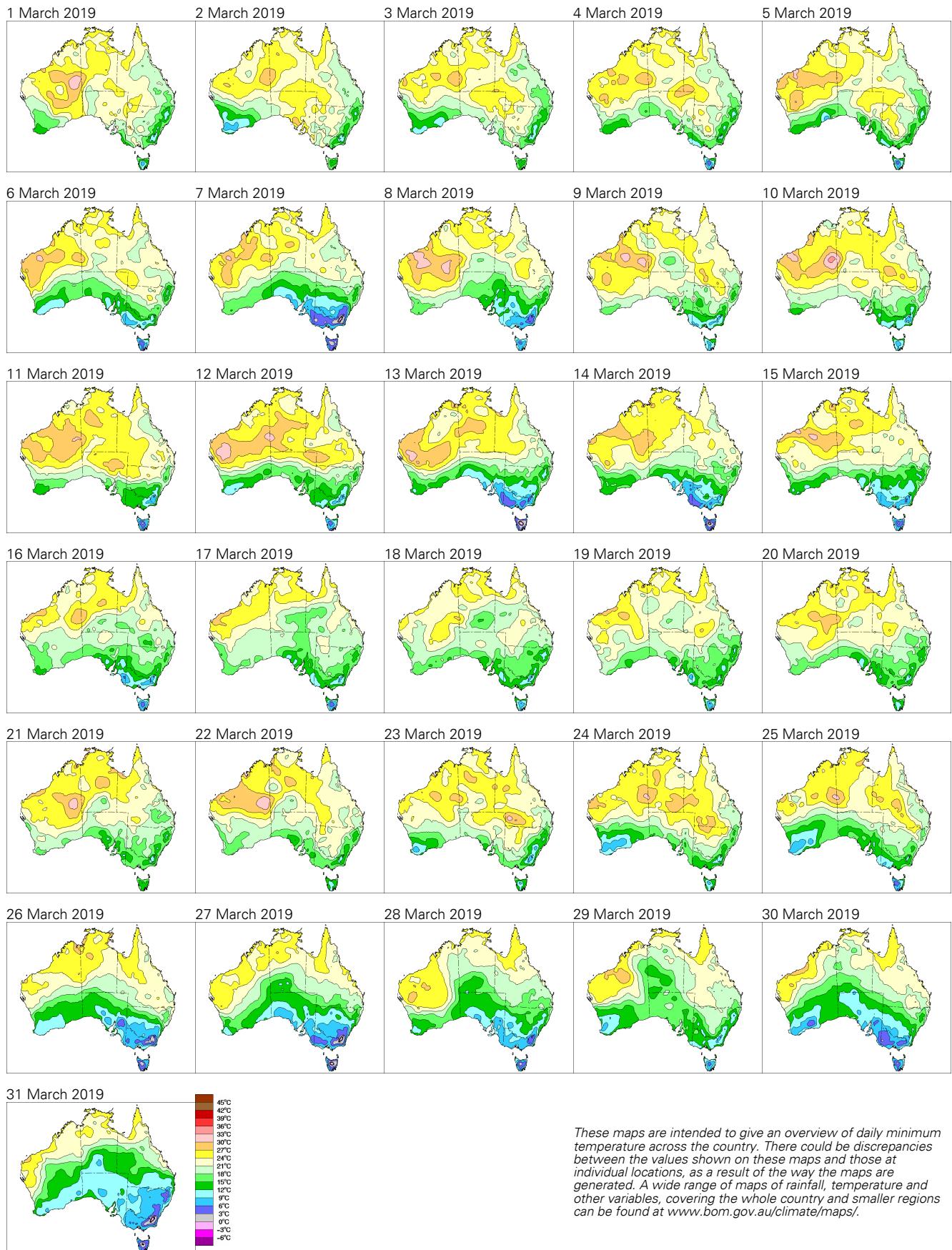
Daily maps

Daily maximum temperature maps

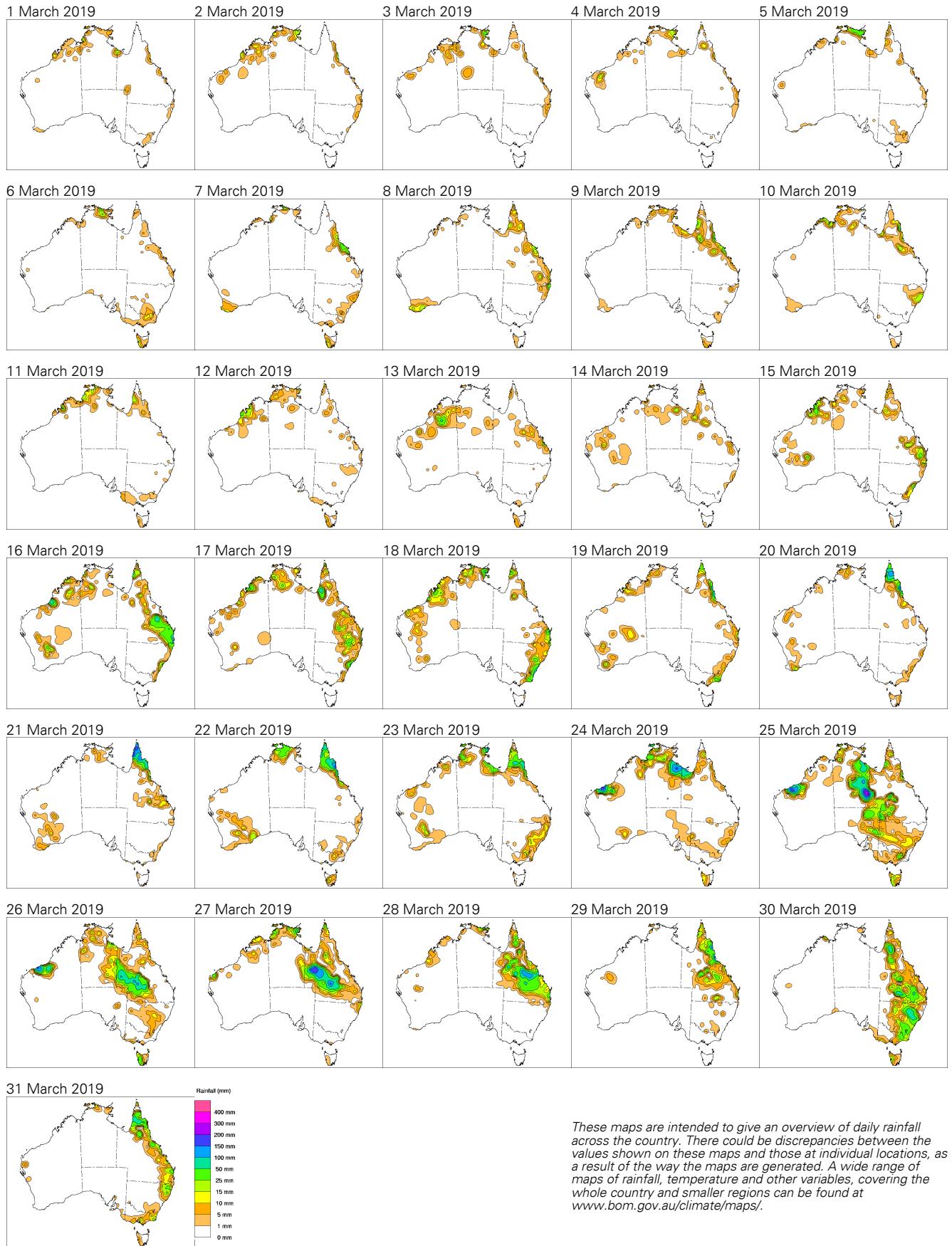


These maps are intended to give an overview of daily maximum temperature across the country. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated. A wide range of maps of rainfall, temperature and other variables,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

Daily minimum temperature maps



Daily rainfall maps



Records

Record highest March daily maximum temperature

		New record	Old record	Years of record
Western Australia				
001025	Doongan	39.0 on 9th	38.8 on 4th in 2010	31
004032	Port Hedland Airport	47.0 on 10th	45.9 on 1st in 2005	71
005017	Onslow Airport	47.2 on 10th	46.3 on 3rd in 2016	53
005026	Wittenoom	45.7 on 10th	43.9 on 26th in 1959	66
006022	Gascoyne Junction	46.9 on 11th	46.5 on 6th in 2007	46
007045	Meekatharra Airport	44.5 on 11th	43.7 on 1st in 1985	69
011003	Eucla	46.9 on 1st	44.2 on 19th in 1986	104
013012	Wiluna	44.0 on 11th =	44.0 on 1st in 1985	61
013015	Carnegie	45.5 on 10th	44.7 on 9th in 1989	30
013017	Giles Meteorological Office	44.6 on 11th	42.2 on 1st in 2016	63
013030	Telfer Aero	46.3 on 10th	45.2 on 1st in 2016	45
Northern Territory				
014825	Victoria River Downs	43.2 on 21st	42.2 on 3rd in 1988	54
014932	Tindal RAAF	39.2 on 14th	38.9 on 10th in 2005	32
015135	Tennant Creek Airport	42.5 on 12th	42.0 on 2nd in 2016	50
015511	Curtin Springs	45.0 on 11th	43.4 on 19th in 2015	55
015528	Yuendumu	42.6 on 12th	41.7 on 18th in 2015	50
015590	Alice Springs Airport	42.7 on 11th	42.5 on 19th in 2015	78
015602	Jervois	44.4 on 12th	44.0 on 19th in 2015	51
015635	Yulara Airport	44.8 on 11th	42.9 on 6th in 1999	32
South Australia				
018079	Streaky Bay	42.8 on 1st	42.6 on 5th in 1986	62
018106	Nullarbor	45.3 on 1st	43.4 on 26th in 2017	32
022803	Cape Willoughby	38.5 on 1st	37.2 on 1st in 1989	52
023090	Adelaide (Kent Town)	42.2 on 1st	41.9 on 6th in 1986	43
024518	Meningie	40.8 on 1st	40.5 on 17th in 2008	53
Queensland				
035065	Springsure Comet St	40.3 on 12th	40.2 on 12th in 2007	54
036007	Barcaldine Post Office	42.5 on 13th	42.2 on 20th in 2015	58
040004	Amberley AMO	41.3 on 12th	38.9 on 11th in 2007	78
040068	Double Island Point Lighthouse	33.7 on 12th =	33.7 on 8th in 2001	58
040082	University of Queensland Gatton	41.1 on 12th	39.5 on 14th in 1998	54
040211	Archerfield Airport	40.2 on 12th	38.7 on 11th in 2007	44
Victoria				
080091	Kyabram	40.4 on 4th =	40.4 on 7th in 2016	54
082138	Wangaratta Aero	39.4 on 4th	39.2 on 12th in 2006	32
083083	Edi Upper	37.8 on 4th =	37.8 on 7th in 1986	33
Tasmania				
091237	Launceston (Ti Tree Bend)	33.5 on 2nd	33.0 on 7th in 2013	36
094008	Hobart Airport	38.1 on 2nd	37.0 on 14th in 2008	61
094010	Cape Bruny Lighthouse	39.0 on 2nd	35.2 on 12th in 1998	97
094020	Dover	40.1 on 2nd	37.0 on 12th in 2013	30
094029	Hobart (Ellerslie Road)	39.1 on 2nd	37.3 on 14th in 2008	131
094087	kunanyi (Mount Wellington Pinnacle)	28.4 on 2nd	26.1 on 12th in 2013	40
095003	Bushy Park (Bushy Park Estates)	38.6 on 2nd	37.6 on 7th in 1966	59
096003	Butlers Gorge	31.9 on 1st =	31.9 on 7th in 1966	57

= indicates the new record equals the old one.

Record highest March mean maximum temperature

		New record	Old record	Years of record
Western Australia				
013011	Warburton Airfield	38.1	37.9 in 1954	45
013017	Giles Meteorological Office	38.2	38.1 in 1986	63
Northern Territory				
014626	Daly Waters Airstrip	38.5 =	38.5 in 1958	50
014825	Victoria River Downs	39.5	38.1 in 1990	54
015511	Curtin Springs	37.8	37.5 in 2017	55
South Australia				
017043	Oodnadatta Airport	36.8	36.7 in 2017	71
Queensland				
040043	Cape Moreton Lighthouse	28.1 =	28.1 in 2016	109
040211	Archerfield Airport	31.6	31.3 in 1998	44
040717	Coolangatta	28.7 =	28.7 in 2017	31
New South Wales				
059030	South West Rocks (Smoky Cape Lighthouse)	28.4	28.3 in 2016	81
200839	Lord Howe Island Aero	26.5	26.0 in 2016	31
= indicates the new record equals the old one.				

Highest March mean maximum temperature for at least 30 years

		Observed this month	Most recent higher
Western Australia			
007045	Meekatharra Airport	37.1	38.6 in 1980
013012	Wiluna	36.5	37.2 in 1986 *
Northern Territory			
015635	Yulara Airport	38.1	38.4 in 1986 *
New South Wales			
056013	Glen Innes Ag Research Stn	25.8	26.9 in 1980 *
058012	Yamba Pilot Station	28.2	30.0 in 1899
066037	Sydney Airport AMO	27.4	28.4 in 1940
* note: there are gaps in the historical record at this site, so it is possible a higher value has gone unreported.			

Record lowest March daily maximum temperature

		New record	Old record	Years of record
South Australia				
026091	Coonawarra	15.6 on 30th =	15.6 on 30th in 2004	34
Queensland				
035069	Tambo Post Office	21.1 on 27th =	21.1 on 26th in 1990	63
New South Wales				
072023	Hume Reservoir	14.5 on 30th	14.6 on 23rd in 1983	52
073014	Grenfell (Manganese Rd)	14.8 on 30th	15.6 on 31st in 1969	52
074034	Corowa Airport	15.5 on 30th =	15.5 on 29th in 1973	48
Victoria				
082076	Dartmouth Reservoir	11.0 on 30th	13.8 on 26th in 2018	42
085279	Bairnsdale Airport	14.0 on 30th	14.4 on 30th in 1945	38
090173	Hamilton Airport	12.5 on 30th	13.4 on 26th in 2015	35
= indicates the new record equals the old one.				

Record lowest March daily minimum temperature

		New record	Old record	Years of record
South Australia				
018014 Cleve	7.8 on 30th	= 7.8 on 14th in 1957	62	
018079 Streaky Bay	6.0 on 31st	7.2 on 2nd in 1964	62	
Victoria				
084070 Point Hicks (Lighthouse)	6.0 on 27th	7.2 on 23rd in 1967	49	
		= indicates the new record equals the old one.		

Record highest March daily minimum temperature

		New record	Old record	Years of record
Western Australia				
003030 Bidyadanga	33.0 on 15th	30.0 on 11th in 2016	61	
006099 Murchison	29.0 on 13th	= 29.0 on 7th in 2000	30	
011003 Eucla	27.5 on 1st	27.1 on 26th in 2013	104	
013017 Giles Meteorological Office	30.7 on 10th	30.4 on 6th in 1986	63	
Northern Territory				
015511 Curtin Springs	28.2 on 12th	= 28.2 on 3rd in 2016	55	
015528 Yuendumu	28.2 on 12th	28.0 on 4th in 2005	50	
South Australia				
018014 Cleve	29.3 on 2nd	28.8 on 3rd in 1965	62	
018069 Elliston	26.0 on 2nd	25.7 on 2nd in 2000	58	
022008 Maitland	27.5 on 2nd	27.0 on 17th in 2008	39	
023000 Adelaide (West Terrace / ngayirdapira)	29.3 on 2nd	29.1 on 4th in 1942	94	
026091 Coonawarra	25.0 on 2nd	24.1 on 4th in 2004	34	
Queensland				
035070 Taroom Post Office	26.7 on 12th	24.9 on 14th in 2017	63	
041100 Texas Post Office	24.9 on 25th	23.4 on 21st in 2015	48	
043035 Surat	25.6 on 10th	25.4 on 3rd in 2018	56	
044010 Bollon Mary St	28.8 on 25th	28.6 on 15th in 1989	63	
044026 Cunnamulla Post Office	29.2 on 24th	28.5 on 14th in 1989	60	
New South Wales				
056018 Inverell Research Centre	21.4 on 25th	= 21.4 on 6th in 1980	55	
200839 Lord Howe Island Aero	24.1 on 26th	23.9 on 1st in 2012	31	
Victoria				
086077 Moorabbin Airport	24.4 on 3rd	24.0 on 18th in 2008	48	
086282 Melbourne Airport	25.4 on 1st	24.3 on 13th in 2013	49	
087031 Laverton RAAF	26.3 on 1st	25.8 on 18th in 2008	76	
089085 Ararat Prison	23.5 on 3rd	23.4 on 14th in 1985	50	
Tasmania				
091223 Marrawah	20.0 on 2nd	= 20.0 on 12th in 2013	49	
094010 Cape Bruny Lighthouse	19.5 on 2nd	19.2 on 27th in 1990	97	
094087 kunanyi (Mount Wellington Pinnacle)	18.3 on 2nd	16.2 on 8th in 1966	40	
		= indicates the new record equals the old one.		

Record highest March mean minimum temperature

		New record	Old record	Years of record
Western Australia				
004032	Port Hedland Airport	26.5	26.4 in 2010	71
005007	Learmonth Airport	24.9 =	24.9 in 2005	45
005017	Onslow Airport	27.0	26.5 in 2014	53
006099	Murchison	24.0	23.5 in 2018	30
007045	Meekatharra Airport	24.8	24.6 in 1980	69
013011	Warburton Airfield	24.0	22.8 in 1953	45
013015	Carnegie	23.6	22.6 in 2017	30
Northern Territory				
014840	Wave Hill	25.2	24.9 in 1992	46
015131	Elliott	24.5 =	24.5 in 2016	39
Queensland				
035070	Taroom Post Office	20.9	20.8 in 2017	67
041100	Texas Post Office	19.1	18.3 in 2017	48
041359	Oakey Aero	18.5	18.4 in 2017	46
043015	Injune Post Office	19.8	19.1 in 2007	52
043035	Surat	20.6	20.2 in 2007	74
044021	Charleville Aero	21.9	21.7 in 1989	77
New South Wales				
055136	Woolbrook (Woolbrook Road)	14.0	12.7 in 2000	47
200839	Lord Howe Island Aero	21.7	21.2 in 2016	31
<i>= indicates the new record equals the old one.</i>				

Highest March mean minimum temperature for at least 30 years

		Observed this month	Most recent higher
Western Australia			
011003	Eucla	17.5	17.9 in 1971 *
013017	Giles Meteorological Office	23.8	24.3 in 1986
Queensland			
028008	Lockhart River Airport	24.3	24.8 in 1988 *
035069	Tambo Post Office	21.2	21.5 in 1933
043020	Mitchell Post Office	19.8	20.0 in 1956 *
New South Wales			
056018	Inverell Research Centre	16.5	16.8 in 1956 *
058012	Yamba Pilot Station	21.1	21.4 in 1956
<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 March mean temperature

		New record	Old record	Years of record
Western Australia				
005007	Learmonth Airport	32.0	31.7 in 2018	45
013011	Warburton Airfield	31.0	30.4 in 1953	45
013015	Carnegie	30.6	30.0 in 2005	30
Northern Territory				
014825	Victoria River Downs	32.2	31.6 in 1988	53
014840	Wave Hill	32.4	32.3 in 1992	46
015511	Curtin Springs	29.3 =	29.3 in 1999	55
Queensland				
035070	Taroom Post Office	27.8 =	27.8 in 2016	67
040004	Amberley AMO	26.0	25.6 in 2017	78
040082	University of Queensland Gatton	26.2	26.1 in 1998	98
040211	Archerfield Airport	26.0	25.9 in 2017	44
041100	Texas Post Office	26.4	25.6 in 1998	48
041175	Applethorpe	21.1 =	21.1 in 1998	51
041359	Oakey Aero	24.9	24.4 in 2007	46
043015	Injune Post Office	26.8	26.3 in 2015	52
043035	Surat	27.2	27.1 in 2007	74
New South Wales				
055136	Woolbrook (Woolbrook Road)	20.4	19.3 in 2016	47
056013	Glen Innes Ag Research Stn	19.4	19.1 in 1980	45
056018	Inverell Research Centre	23.3	23.0 in 1998	62
061078	Williamtown RAAF	23.2	23.1 in 2018	69
061250	Paterson (Tocal AWS)	23.6	23.4 in 1998	45
200839	Lord Howe Island Aero	24.1	23.6 in 2016	31

= indicates the new record equals the old one.

Highest March mean temperature for at least 30 years

		Observed this month	Most recent higher
Western Australia			
007045	Meekatharra Airport	31.0	31.6 in 1980
013017	Giles Meteorological Office	31.0	31.2 in 1986
Northern Territory			
014626	Daly Waters Airstrip	30.9 =	30.9 in 1959 *
015635	Yulara Airport	29.7	29.8 in 1986 *
New South Wales			
058012	Yamba Pilot Station	24.6	24.8 in 1892

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

Record highest March daily rainfall

		New record	Old record	Years of record
Western Australia				
004008	Carlindie	176.0 on 26th	161.0 on 2nd in 1961	64
004032	Port Hedland Airport	179.4 on 24th	156.8 on 29th in 1988	76
009625	Yellinup	92.4 on 20th	84.6 on 9th in 1934	87
Northern Territory				
015537	Kurundi	108.6 on 25th	105.0 on 8th in 2011	64
015602	Jervois	90.2 on 26th	80.6 on 1st in 2010	54
015618	Tobermorey	146.0 on 27th	137.2 on 27th in 1973	33
Queensland				
027000	Aurukun Shire Council	210.8 on 21st	167.0 on 22nd in 1985	102
028008	Lockhart River Airport	302.0 on 20th	268.2 on 4th in 1969	62
035018	Carnarvon Station	96.0 on 30th	90.0 on 4th in 1990	65
035053	Peakvale Station	86.0 on 28th	84.0 on 10th in 1977	86
035094	Winvic	152.0 on 28th	92.0 on 4th in 2013	57
035131	Talagai	169.2 on 16th	100.0 on 3rd in 1994	51
035190	Minnie Downs	126.0 on 26th	109.5 on 31st in 1964	62
035224	Karmoo	133.4 on 28th	106.7 on 17th in 1955	73
036026	Isisford Post Office	146.4 on 27th	142.2 on 29th in 1890	133
036040	Springleigh	141.2 on 27th	123.4 on 9th in 1965	79
036074	Jochmus	129.0 on 28th	101.0 on 10th in 1979	50
036083	Albro Station	143.0 on 28th	95.0 on 11th in 1979	36
036111	Evanston	72.0 on 26th	= 72.0 on 4th in 1979	42
037056	Mahrigong	94.0 on 28th	93.5 on 10th in 1955	72
037109	Alderley Station	45.0 on 27th	44.4 on 4th in 2012	31
038062	Carella Station	106.8 on 25th	70.0 on 2nd in 1999	45
040708	Monogorilby - Home	84.2 on 31st	81.0 on 5th in 2017	37
044111	Wansey Downs	79.4 on 27th	78.0 on 4th in 2018	53
New South Wales				
051133	Warrumbungle (Miagunyah)	102.0 on 30th	85.4 on 2nd in 1977	48
053073	Kenebri (Ellerslie)	114.0 on 30th	67.6 on 19th in 1975	53
055024	Gunnedah Resource Centre	74.8 on 30th	72.6 on 9th in 1967	72
055157	Winton (Dalblair)	67.4 on 30th	66.4 on 10th in 1982	61
061002	Blackville (Krui Vale)	125.0 on 30th	121.9 on 24th in 1926	135
061065	Aberdeen (Rossdale)	90.4 on 30th	83.3 on 2nd in 1936	94
061192	Muswellbrook (Spring Creek (Castle Vale)	97.0 on 30th	72.0 on 26th in 1976	56
061287	Merriwa (Roscommon)	90.6 on 30th	81.0 on 4th in 1977	50
062009	Cassilis (Dalkeith)	121.0 on 30th	119.4 on 9th in 1893	138
064004	Binnaway (Wattle St)	106.4 on 30th	105.4 on 1st in 2013	114
064013	Binnaway (Hawthorne)	117.6 on 30th	101.6 on 30th in 1950	130
064050	Weetaliba (Munna)	95.0 on 30th	70.0 on 30th in 1990	54
066141	Mona Vale Golf Club	121.2 on 15th	112.8 on 13th in 2018	48
070213	Gurrundah (Ashwell)	68.0 on 30th	55.4 on 15th in 1989	51
072089	Tooma (School Lane)	49.6 on 30th	48.2 on 21st in 1989	47

= indicates the new record equals the old one.

Record highest March total rainfall

		New record	Old record	Years of record
Western Australia				
004008	Carlindie	419.0	337.9 in 1934	82
004016	Indee	648.2	443.2 in 1988	108
004059	Mallina	586.8	296.2 in 1907	87
004086	Sherlock	592.5	481.4 in 1956	46
Queensland				
035094	Winvic	237.2	216.0 in 1990	56
036111	Evanston	199.5	127.0 in 2018	40
038062	Carella Station	179.2	161.9 in 2012	44
New South Wales				
053073	Kenebri (Ellerslie)	135.4	119.4 in 1977	53
055025	Willow Tree (Highlands)	175.0	172.0 in 1928	100
066141	Mona Vale Golf Club	329.8	322.6 in 2017	45

Highest March total rainfall for at least 30 years

		Observed this month	Most recent higher
Western Australia			
009625	Yellarup	149.6	153.9 in 1968 *
010659	Woodanilling	102.2	106.5 in 1934 *
Northern Territory			
015602	Jervois	176.0	188.3 in 1983
Queensland			
035081	Woleebee Nevasa	158.0	171.7 in 1963 *
035190	Minnie Downs	298.5	318.3 in 1956 *
036003	Birricannia	128.0	149.3 in 1973 *
036007	Barcaldine Post Office	187.5	357.1 in 1963
036026	Isisford Post Office	204.6	248.3 in 1963
036040	Springleigh	224.6	304.8 in 1963
036054	Evora Station	214.0	444.2 in 1963 *
036083	Albro Station	190.0	197.0 in 1979 *
036143	Blackall Township	213.6	232.5 in 1989
037052	Mundurin Station	152.5	324.8 in 1950 *
037112	Sunnyside	221.0	291.0 in 1977
038014	Marion Downs	125.0	127.5 in 1956 *
044057	Nive Downs	235.4	429.3 in 1956 *
New South Wales			
051133	Warrumbungle (Miagunyah)	120.4	195.4 in 1977 *
053002	Baradine Forestry	148.0	211.5 in 1961 *
055066	Wallabadah (Woodton)	145.6	184.6 in 1921 *
061065	Aberdeen (Rossgole)	230.8	234.2 in 1978
062009	Cassilis (Dalkeith)	166.2	169.9 in 1977 *
066052	Randwick (Randwick St)	265.1	310.3 in 1983
066080	Castle Cove (Rosebridge Ave)	304.0	354.9 in 1976 *
066098	Rose Bay (Royal Sydney Golf Club)	257.5	466.9 in 1942 *
200288	Norfolk Island Aero	328.2	350.0 in 1962
Victoria			
090067	Port Campbell Post Office	80.9	135.2 in 1984
* note: there are gaps in the historical record at this site, so it is possible a higher value has gone unreported.			

Record lowest March total rainfall

		New record	Old record	Years of record
Victoria				
086377	Upper Plenty	7.0	7.8 in 1998	33

Lowest March total rainfall for at least 30 years

		Observed this month	Most recent lower month
South Australia			
018088	Ungarra	0.4	0.0 in 1980 *
Victoria			
086077	Moorabbin Airport	17.8	13.4 in 1986 *
086117	Toorourrong Reservoir (Toorourrong)	8.6	6.9 in 1954
086131	Yan Yean	7.6	6.4 in 1951 *

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

Selected observations

Daily and mean maximum temperatures for March 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	31			
001019 Kalumburu		37.6	32.5	36.5	30.7	33.0	34.1	35.2	36.3	36.1	35.3	35.3	36.3	36.7	38.3	38.4	37.9	38.0	37.9	37.5	37.9	38.3	40.3	40.7	39.7	36.6	38.9	36.2	38.8	38.3	39.4	39.0	38.3		
002056 Kununurra Aero		38.1	38.2	37.8	37.9	38.2	38.3	38.9	39.3	41.4	41.9	36.3	35.5	38.6	36.3	38.9	31.4	37.1	35.0	37.5	37.9	38.3	40.3	40.7	39.7	36.6	38.9	36.2	38.8	38.3	39.4	39.0	38.3		
003003 Broome Airport		34.4	+0.6	34.7	31.1	36.3	33.2	37.3	33.5	33.9	33.9	34.4	38.8	33.7	33.9	34.2	34.6	36.4	33.9	31.0	36.2	33.8	34.2	32.9	33.4	33.2	33.0	32.3	32.5	33.3	34.1	33.8	41.1	40.2	
003032 Derby Aero		36.6	36.4	34.4	38.4	31.7	39.0	38.1	38.2	38.8	40.6	40.2	36.2	36.1	34.7	38.8	32.0	35.4	34.7	36.0	35.0	33.4	33.8	33.8	34.0	33.6	34.6	35.5	37.4	39.7	40.4	38.8	39.7		
004032 Port Hedland Airport		37.3	+0.7	34.9	37.2	37.1	42.4	41.5	38.2	37.7	43.4	47.0	37.1	38.0	36.0	41.5	44.7	39.8	36.2	37.2	40.2	37.9	37.2	34.1	29.8	27.4	28.5	31.4	32.9	37.0	38.4	38.3			
004083 Karatha Aero		36.3	34.1	35.7	35.1	38.3	41.2	39.5	39.4	38.0	42.0	45.5	35.5	37.9	37.6	39.3	39.7	41.5	35.9	34.8	38.1	38.8	35.7	32.5	28.1	27.7	28.9	29.8	31.2	34.4	35.6	37.0	37.5		
004106 Marble Bar		39.7	41.8	41.3	40.4	42.5	44.5	44.9	44.9	44.6	45.6	47.4	43.2	41.5	40.6	41.6	42.7	40.8	38.1	36.7	39.5	41.0	37.7	37.0	33.1	26.1	28.2	34.2	36.5	38.6	40.2	37.8	38.3		
005007 Learmonth Airport		39.0	41.8	43.5	38.8	37.4	41.0	41.4	39.2	38.7	40.7	45.2	44.7	37.7	38.2	40.1	40.6	40.5	40.7	35.6	37.0	39.3	39.2	40.0	40.1	38.7	39.4	34.6	32.7	32.5	36.9	35.8	37.5		
006011 Carnarvon Airport		33.1	+1.4	30.2	29.7	30.0	33.8	44.4	43.1	32.3	35.7	32.4	33.1	33.5	32.4	27.5	30.7	29.8	30.5	29.7	29.5	29.0	28.8	29.0	29.6	33.3	33.7	39.7	40.1	40.3	39.0	30.5	35.5	40.6	33.6
006044 Denham		31.1	26.2	26.9	29.5	28.9	33.5	39.4	30.9	31.8	34.0	32.9	29.5	30.5	27.5	29.5	27.0	30.0	28.2	28.0	28.4	27.1	29.0	32.0	37.2	37.8	32.8	27.3	32.5	40.8	34.0				
007176 Newman Aero		39.0	43.6	39.3	37.6	39.9	41.6	41.6	42.9	41.8	43.6	45.2	44.4	43.4	43.6	37.3	39.1	37.0	36.2	38.3	39.9	40.4	37.3	34.6	31.4	33.5	35.7	38.3	39.3	38.5	35.7	36.3			
007185 Paraburdoo Aero		39.8	42.3	39.4	30.9	42.4	45.2	43.1	41.6	40.9	42.7	45.7	45.6	41.5	40.4	37.6	39.8	38.7	36.5	39.7	39.8	41.1	37.5	36.4	33.4	35.2	36.4	39.1	39.9	36.9	39.2				
007045 Meekatharra Airport		37.1	+2.6	37.8	38.5	38.4	38.6	38.0	37.8	41.4	38.1	42.8	44.5	43.8	36.8	37.0	34.0	37.4	29.0	32.4	36.9	37.9	36.4	32.4	35.0	33.2	31.4	35.6	39.8	33.3	35.1				
007600 Mount Magnet Aero		35.7	32.5	36.0	39.3	37.8	41.4	35.1	35.9	35.4	37.8	41.8	41.6	42.4	41.1	38.9	38.1	35.6	35.1	32.6	35.4	35.6	36.8	32.7	34.4	32.0	32.7	30.7	30.4	34.3	38.7	37.7	30.1	31.9	35.1
008296 Morawa Airport		35.5	31.2	33.5	39.6	38.1	36.6	30.4	32.6	33.1	38.1	39.7	31.1	37.6	37.2	37.3	36.8	36.3	36.6	37.6	36.0	37.1	36.0	35.2	31.2	31.2	32.4	36.7	39.9	33.3	30.7	34.8	37.8		
008297 Dalwallinu		33.1	27.2	30.5	37.9	39.0	34.2	26.3	30.6	29.3	32.3	37.5	34.6	36.8	35.3	33.7	36.9	33.2	36.0	37.4	35.9	32.5	34.7	37.9	27.9	28.8	33.8	38.4	29.1	27.6	30.5	35.9			
008315 Geraldton Airport		31.7	27.0	26.4	32.3	39.6	33.6	32.5	30.5	31.8	33.2	37.5	31.0	32.7	25.1	26.4	32.0	31.9	32.3	37.1	31.1	29.6	30.0	28.2	26.3	28.5	34.3	31.6	28.3	27.3	31.1	35.7			
009021 Perth Airport		31.0	+1.4	26.4	27.1	36.0	40.4	30.4	30.9	26.0	30.3	24.1	30.6	32.6	32.0	29.3	32.3	31.1	29.6	34.0	37.4	36.5	32.5	37.3	31.6	28.3	27.3	31.1	35.7						
009131 Jurien Bay		28.8	25.8	26.4	34.4	26.9	33.9	31.9	29.9	26.6	28.0	28.3	26.4	27.0	24.7	29.4	27.0	25.9	26.9	27.4	27.5	27.3	27.1	29.6	28.7	34.8	27.8	24.3	31.1	35.3	37.0				
009225 Perth Metro		30.1	23.9	25.8	34.7	39.5	30.4	30.8	26.5	29.4	24.0	29.4	31.3	30.8	27.3	31.0	31.3	30.0	27.5	27.7	29.3	30.7	29.5	27.1	30.0	29.7	25.1	25.7	31.1	30.7	35.2				
009240 Bickley		28.7	22.2	25.4	32.8	37.2	26.9	27.1	23.2	27.5	22.5	29.0	29.9	30.0	28.4	29.7	30.6	30.5	32.5	35.2	33.8	31.1	30.5	25.7	25.1	25.6	25.0	30.7	30.3	24.9	24.3	27.8	32.5		
009518 Cape Leeuwin		22.1	-0.9	21.0	22.0	23.7	22.4	20.3	23.4	19.2	20.9	22.3	21.2	20.7	22.4	22.6	24.3	21.1	20.9	24.3	25.8	20.8	20.9	20.2	20.7	19.8	20.0	20.3	26.2	23.4	19.7	19.0	21.3	29.4	
009617 Bridgetown		26.3	22.2	24.8	31.8	32.3	27.1	27.2	27.7	20.3	21.8	23.8	25.8	26.4	27.4	25.1	26.3	32.5	33.3	30.9	25.9	21.1	20.6	21.0	24.3	27.2	21.0	26.3	30.9	23.0	27.3	30.9			
009746 Witchcliffe		24.3	21.1	21.9	28.6	25.1	25.7	26.2	19.3	22.7	21.3	23.6	22.9	21.9	23.2	24.7	27.2	23.9	22.1	30.5	32.8	26.0	24.3	18.9	20.7	21.1	24.3	28.7	24.5	20.8	21.6	26.5	31.1		
009789 Esperance		24.6	22.9	23.2	25.0	26.7	19.8	23.8	25.8	22.8	26.2	21.7	22.5	23.5	22.8	21.9	32.4	26.1	25.6	29.3	29.0	27.8	23.8	20.5	21.0	19.3	27.4	34.1	20.3	18.5	20.2	28.8			
009965 Bunbury		28.2	22.7	22.9	30.4	36.7	29.9	28.3	21.9	27.7	29.7	22.5	26.9	27.0	25.5	27.5	25.7	27.7	25.5	27.7	29.7	30.5	33.3	34.9	25.3	27.1	30.0	29.7	25.1	25.7	28.4	31.1	26.9	27.1	
009977 Mandurah		27.9	22.9	23.4	33.7	32.2	31.2	28.7	23.9	26.3	23.9	27.1	28.4	26.8	24.4	28.4	27.5	27.4	30.5	30.9	27.9	27.6	29.5	25.8	28.2	30.6	26.8	24.6	26.7	29.7	31.6	29.7			
009999 Albany Airport		22.7	21.4	22.9	24.3	20.0	25.7	19.5	19.9	23.4	21.9	21.4	22.1	23.8	21.3	27.3	21.4	21.2	26.4	33.3	24.0	24.0	19.8	18.0	17.4	19.8	27.0	21.9	18.7	19.6	21.9	28.5			
010007 Benecubin		32.1	+1.4	27.2	30.1	35.7	37.6	30.8	25.9	25.8	27.1	29.5	31.1	32.5	30.3	33.5	34.3	36.2	34.5	33.0	37.5	36.0	35.2	31.7	35.7	34.0	32.5	32.7	32.5	34.7	32.7	32.5	32.0		
010092 Merredin		31.9	+1.8	27.2	30.3	34.7	38.0	30.6	26.6	29.8	31.6	32.6	37.0	34.0	35.8	35.5	33.0	37.3	31.7	34.6	35.6	36.5	35.6	32.5	32.5	32.7	31.0	31.8	31.1	32.5	33.9	34.4	33.3	34.6	
012086 Cunderdin Airfield		32.3	29.3	29.0	35.8	31.1	32.0	30.6	26.4	32.4	29.6	35.6	32.7	35.8	33.0	31.1	37.2	34.7	36.2	36.9	33.3	36.3	35.7	33.2	37.2	34.7	32.5	32.9	34.2	35.2	32.9	34.2	34.2		
010633 Ravensthorpe		26.2	-0.4	25.1	28.0	30.2	31.5	18.5	26.5	25.5	22.0	23.6	30.0	25.0	23.5	23.3	29.5	31.0	33.0	32.0	24.0	23.2	22.6	19.5	22.5	29.0	32.0	21.0	21.9	25.9	29.0				
010911 Lake Grace		28.2	25.8	26.1	32.0	34.8	23.4	25.9	23.8	26.9	25.7	26.0	27.1	31.6	31.6	28.5	26.5	30.5	31.5	30.9	35.8	29.3	25.9	24.1	21.0	23.7	27.7	27.7	27.7	27.7	27.7	27.7			
010916 Katanning		26.2	24.6	30.8	33.4	24.0	37.1	36.6	37.6	31.4	37.6	31.2	37.6	31.4	37.6	31.2	37.6	31.4	37.6	31.2	37.6	31.4	37.6	31.2	37.6	31.2	37.6	31.2	37.6	31.2	37.6	31.2			
010917 Wandering		29.2	24.6	24.6																															

Daily and mean maximum temperatures for March 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	31		
New South Wales																																		
048247 Cobar MO																																		
048245 Bourke Airport AWS	34.4	35.5	35.8	36.2	36.7	37.8	37.5	32.9	39.5	39.7	39.8	39.0	34.5	32.6	33.1	32.9	34.5	31.7	34.2	37.2	36.8	37.8	39.7	41.9	39.0	25.7	27.7	30.2	32.0	30.7	21.6	23.0		
049000 Ivanhoe Aerodrome AWS	31.4	36.7	36.7	38.9	39.7	38.8	24.1	26.7	34.3	35.6	36.4	32.8	27.5	27.2	28.0	30.3	32.1	32.2	34.5	35.4	35.8	36.6	36.9	26.0	23.2	22.2	25.9	31.4	31.2	19.7	21.0			
050052 Condobolin Ag Research Stn	29.8	+0.3	31.8	33.5	34.4	36.1	35.4	25.2	28.9	34.6	33.5	37.2	32.0	28.0	28.2	28.4	31.3	30.3	26.0	32.5	31.4	33.0	34.3	33.0	35.5	26.1	21.5	20.4	27.0	28.3	30.0	17.2	19.3	
051039 Nyngan Airport	31.8	+1.2		35.0	35.0	37.0	32.0	32.0	36.0	35.0	38.2	36.0	33.0	31.6	31.5	32.0	33.0	26.5	32.5	34.0	34.5	36.5	39.0	33.0	24.5	22.5	30.0	28.5	30.5	19.5	21.7			
052088 Walgett Airport AWS	33.9		33.4	34.0	34.2	35.2	36.1	38.8	35.2	38.2	39.1	38.3	39.1	36.1	34.3	34.3	32.8	34.0	30.2	33.0	35.2	36.3	38.5	39.8	40.3	25.5	25.4	29.3	31.6	32.8	21.8	21.8		
053115 Moree Aero	33.4	33.2	34.0	34.2	35.1	34.1	36.8	38.5	36.1	37.1	39.0	37.9	37.9	36.2	36.5	34.6	33.4	33.5	25.9	30.3	33.9	34.3	34.8	35.9	37.0	38.9	30.8	28.0	24.9	30.7	31.5	25.6	22.1	
054038 Narrabri Airport AWS	32.9	32.9	33.9	33.8	35.4	34.3	36.6	36.4	37.1	36.3	37.5	36.8	35.4	36.0	33.6	33.2	31.2	24.7	30.7	32.7	32.3	34.0	35.8	37.4	38.4	28.1	29.4	27.0	31.5	33.0	24.2	21.8		
055024 Gunnedah Resource Centre	31.5	+2.5	32.0	32.6	32.7	34.2	34.3	36.0	31.5	35.4	34.7	35.8	35.6	34.5	35.0	32.7	32.5	29.4	22.2	29.5	30.1	30.2	32.5	34.3	35.0	37.9	27.0	25.0	26.6	30.0	31.1	24.5	20.6	
055325 Tamworth Airport AWS	31.4	32.1	31.8	33.4	34.9	33.6	35.6	30.1	35.0	35.1	35.1	35.3	34.3	35.4	32.5	33.0	27.6	23.8	28.7	29.7	31.1	33.4	35.7	37.7	27.7	26.7	26.0	30.1	31.4	24.8	20.2			
056242 Inverell (Raglan St)	30.6	30.8	30.4	30.6	32.6	32.6	33.4	33.4	32.1	33.4	34.8	34.6	32.4	34.8	31.4	30.4	29.6	25.6	27.7	29.9	31.6	32.1	33.6	34.4	29.6	27.1	23.1	29.2	30.3	25.4	20.2			
057095 Tabulam (Muirme)	27.8	25.0	23.3	25.3	27.3	28.8	34.1	26.4	24.9	31.4	34.7	34.8	34.6	30.3	29.9	30.1	23.2	24.7	27.6	27.3	28.3	27.7	26.4	31.2	33.4	25.3	17.0	24.3	25.8	23.9	23.2			
058012 Yamba Pilot Station	28.2	+2.6	28.8	27.1	28.6	28.2	28.9	30.7	26.1	27.5	29.4	30.4	30.8	30.9	28.5	28.6	23.5	27.4	27.8	29.2	28.8	27.4	27.7	32.7	31.6	30.8	27.9	24.3	26.5	27.1	28.4	22.6		
060139 Port Macquarie Airport AWS	28.0	27.9	27.6	27.1	27.8	29.7	33.2	32.1	27.0	30.8	28.6	31.2	31.5	27.8	27.3	27.3	22.9	26.2	26.8	27.0	27.6	28.3	28.4	29.6	33.8	33.9	26.9	25.6	27.0	27.6	27.8	23.4		
061078 Williamtown RAAF	28.1	+1.9	29.4	28.3	30.7	31.8	33.8	38.7	22.3	31.3	28.7	31.6	28.5	32.7	26.2	27.8	25.3	22.1	24.1	25.3	25.2	27.0	27.4	27.0	30.3	32.6	26.5	27.5	24.7	25.5	29.8	27.2	22.1	
061363 Scone Airport AWS	30.6	32.8	32.2	33.0	35.2	36.2	36.7	22.8	33.5	35.9	34.5	36.4	36.1	30.8	34.7	28.6	25.5	23.7	28.0	26.4	29.1	30.2	31.0	34.3	37.0	26.6	26.8	27.4	28.4	29.5	20.5	21.2		
062101 Mudgee Airport AWS	28.3	29.6	29.4	32.6	34.3	34.4	33.6	24.2	33.6	32.0	33.9	33.2	32.0	28.9	31.9	27.7	26.2	25.5	27.3	28.5	29.8	29.2	32.8	22.6	21.5	24.5	26.0	26.4	19.0	17.5				
063005 Bathurst Agricultural Station	25.7	+1.3	28.0	27.5	30.2	32.8	32.7	27.0	29.6	26.9	30.5	30.8	27.2	28.2	29.1	26.2	20.5	21.1	19.8	25.5	27.5	28.5	25.0	28.5	28.8	20.6	18.5	22.7	24.7	25.8	15.2	13.7		
063254 Orange Agricultural Institute																																		
064008 Coonabarabran (Showgrounds)	30.0	+1.7	30.0	31.2	32.6	33.9	33.6	34.0	30.0	33.5	32.4	34.8	33.8	32.9	34.0	31.6	31.3	31.9	28.3	23.3	27.4	28.8	30.1	32.0	32.8	33.9	34.1	24.0	22.5	26.5	28.5	29.0	20.5	18.4
065070 Dubbo Airport AWS	31.3	32.2	31.3	35.6	35.2	36.1	34.0	30.8	35.6	34.1	36.5	34.5	32.4	33.2	32.3	32.3	22.0	29.6	31.1	33.2	33.6	34.6	36.3	32.0	23.8	22.3	28.8	28.5	29.3	18.1				
066062 Sydney (Observatory Hill)	26.8	+1.6	28.1	27.9	27.8	28.2	28.6	25.6	23.9	27.2	24.3	27.9	28.3	24.6	24.3	26.6	24.1	20.5	22.1	26.9	27.5	26.6	26.9	27.7	33.0	26.0	26.6	24.3	25.9	26.2	26.5	22.5		
067105 Richmond RAAF	28.6	31.9	31.0	32.2	34.7	35.1	38.1	21.5	33.0	24.7	36.3	32.1	35.5	23.4	31.5	24.2	23.1	22.2	23.7	25.7	28.7	28.5	31.2	26.2	26.0	24.3	27.3	28.1	25.9	22.7				
068072 Nowra RAN Station AWS	26.5	29.5	28.6	32.5	31.4	31.7	22.0	29.9	26.0	30.4	27.5	32.4	20.7	25.6	22.5	21.9	25.2	21.9	23.2	24.4	25.2	26.7	27.2	27.1	29.3	26.4	23.9	21.7	26.6	27.5	22.4	20.3		
068151 Jervis Bay (Point Perpendicular)	24.2	27.1	26.1	27.8	27.4	27.0	27.9	22.0	26.6	21.7	27.1	24.0	30.3	19.2	21.8	21.2	21.5	23.1	21.4	22.8	23.5	23.3	23.6	24.4	24.6	24.9	25.6	21.1	21.3	25.9	22.4	20.7	20.7	
068241 Albion Park (Wollongong Airport)	26.4	28.0	28.3	28.6	29.0	27.4	29.8	22.9	27.3	27.0	28.7	27.2	34.6	22.4	25.7	24.4	25.3	21.3	23.3	25.0	27.0	26.3	26.6	27.1	30.5	26.6	25.1	22.9	26.5	27.2	25.3	21.6		
069018 Moruya Heads Pilot Station	23.8	+0.7	25.3	24.3	26.5	26.1	26.2	20.2	24.4	28.0	28.9	18.9	22.0	22.4	23.5	23.1	24.9	24.4	25.4	24.4	27.4	24.7	24.0	25.5	27.7	21.7	21.0	23.0	22.8	23.5	19.5	22.0		
070351 Canberra Airport	26.0	30.3	30.9	32.3	34.1	29.4	26.2	23.7	28.3	29.5	29.6	26.7	23.4	28.4	24.9	24.5	23.1	25.5	26.0	28.8	27.3	22.5	24.6	25.4	26.0	16.4	16.9							
071041 Thredbo Village	18.3	25.8	24.0	24.3	26.5	22.0	13.5	17.0	18.5	21.0	19.0	19.0	17.0	17.6	19.5	18.5	16.0	16.0	19.8	22.2	22.0	16.0	18.0	20.0	15.0	11.0	18.0	15.0	9.0	10.0				
072150 Wagga Wagga AMO	28.5	+0.7	34.0	33.1	34.8	37.6	33.8	22.5	25.9	31.2	33.5	33.6	29.6	26.2	25.7	26.4	30.4	32.7	30.9	32.3	32.5	33.6	24.8	27.6	26.3	22.0	20.2	25.8	28.9	29.3	14.7	18.8		
072160 Albury Airport AWS	28.7	36.1	34.7	35.6	38.5	35.2	28.2	24.9	31.1	31.3	32.1	32.6	28.6	25.8	27.2	30.8	32.4	31.2	30.6	32.7	32.8	34.7	26.7	26.7	27.2	27.2	20.9	20.4	27.9	26.8	16.0	16.8		
072161 Cabramurra SMHEA AWS	17.1	25.1	23.6	24.3	26.1	20.2	10.3	17.1	18.6	20.6	17.8	17.4	15.3	16.9	18.2	17.9	18.2	16.8	15.5	19.2	19.8	21.5	17.1	16.6	15.5	11.9	9.6	16.8	16.4	13.5	5.7			
074258 Deniliquin Airport AWS	30.0	37.4	36.3	38.3	39.8	37.7	22.8	25.4	30.0	32.6	31.3	29.8	25.8	22.9	27.7	29.2	27.3	31.6	31.3	32.9	32.8	33.3	34.4	32.2	35.0	27.8	22.3	25.5	25.2	28.8	31.8	18.4	22.6	
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	31		
091126 Devonport Airport	21.1	26.3	25.9	24.0	23.5	21.5	18.2	18.6	21.2	21.3	20.8	19.4	17.4	17.1	21.4	22.8	22.6	22.5	24.7	22.3	22.0	23.9	19.0	20.2	15.4	18.1	19.3	20.2	20.5	19.0	20.3			
091293 Head	20.1	23.9	24.0	21.8	22.9	20.3	1																											

Daily and mean minimum temperatures for March 2019

	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	31
001019 Kalumburu		26.6	25.7	22.6	23.4	23.1	24.4	24.2	23.7	24.8	25.8	25.4	24.8	25.7	24.2	23.7	24.8	24.7	23.5														
002056 Kununurra Aero	24.4	23.0	25.6	23.4	24.9	23.2	23.9	24.9	24.7	25.2	21.3	23.6	25.5	26.9	26.2	22.3	22.8	25.9	24.6	26.2	24.7	25.6	25.8	24.9	25.3	25.4	26.8	25.7	22.0	21.7	21.7	23.2	
003003 Broome Airport	26.0	+0.6	23.8	23.2	22.6	26.1	26.8	29.3	29.7	27.5	29.5	26.5	23.2	23.6	25.5	24.5	27.0	27.4	26.4	23.2	24.1	26.6	26.7	25.0	25.5	24.5	28.5	25.9	28.6	25.8	23.1		
003032 Derby Aero	25.6	22.9	25.5	25.3	26.3	26.5	26.6	27.7	25.9	27.7	27.4	26.0	23.5	24.7	26.1	23.1	23.3	23.1	23.1	23.6	25.2	26.0	25.8	28.1	27.8	27.7	27.0	25.6	24.3	25.7	25.7	26.3	24.8
004032 Port Hedland Airport	26.5	+2.0	25.2	25.5	25.9	25.6	29.9	27.3	26.3	29.0	26.1	26.8	27.2	25.0	27.7	26.9	29.3	28.2	27.4	25.4	27.8	26.9	28.0	29.1	24.0	24.5	23.7	23.5	24.9	25.3	26.4	27.4	24.0
004083 Karratha Aero	27.4	27.2	26.9	26.6	26.4	29.3	30.1	28.1	29.3	29.0	30.5	27.1	30.1	29.8	28.1	29.8	30.0	28.8	22.9	28.0	28.0	28.8	28.4	22.0	24.0	24.3	25.6	25.3	27.3	28.0	26.3		
004106 Marble Bar	26.4	27.0	25.2	24.7	29.3	29.6	28.0	28.1	31.4	27.6	27.0	29.0	25.0	25.7	29.7	28.0	30.3	28.2	20.8	23.5	26.4	25.5	26.8	28.0	26.8	24.9	22.2	22.9	24.2	26.0	27.4	26.9	22.8
005007 Learmonth Airport	24.9	20.5	21.4	23.2	24.0	28.4	26.9	26.1	24.6	23.2	24.1	27.6	27.0	27.9	26.9	26.2	25.7	26.6	24.7	22.6	23.3	23.5	24.8	27.0	25.0	26.1	25.1	23.7	24.4	24.3	26.0		
006011 Carnarvon Airport	23.8	+1.7	22.1	20.3	21.1	24.3	25.5	26.6	26.1	25.2	23.2	22.9	24.9	24.7	24.0	24.1	23.3	22.9	23.1	23.2	22.2	22.5	23.1	24.2	25.4	23.1	22.9	26.5	25.0	23.6	23.7	22.9	
006044 Denham	23.0	21.9	19.8	20.1	23.5	25.4	25.5	24.0	23.5	24.7	23.9	24.0	23.2	22.9		21.5	22.5	22.0	22.4	22.0	21.4	22.0	23.0	24.0	22.4	23.3	24.2	23.6	22.4	24.0			
007176 Newman Aero	25.7	26.6	27.1	24.2	27.4	28.2	27.3	27.1	32.1	26.8	26.8	25.8	25.6	25.6	23.5	25.4	25.4	24.1	24.7	24.9	29.4	23.5	25.4	24.5	25.0	25.0	25.0	27.5	25.1	22.0	18.8		
007185 Paraburdoo Aero	26.2	24.8	26.9	27.0	23.3	24.0	29.2	26.8	28.8	25.8	29.0	30.5	27.2		23.8	26.8	21.3	25.3	25.0	25.7	29.2	23.3	27.3	26.6	26.0	25.2	26.3	25.5	27.2	24.2			
007045 Meekatharra Airport	24.8	+3.3	23.9	22.8	26.2	27.2	29.4	26.7	28.2	25.9	28.6	28.0	29.0	29.9	29.2	26.1	23.4	20.1	26.5	19.7	24.3	23.8	24.9	21.4	23.2	22.0	21.3	20.8	25.4	26.3	24.1	19.8	20.5
007600 Mount Magnet Aero	23.2	19.0	18.8	22.5	27.0	29.7	25.7	27.4	27.0	27.5	25.6	25.7	25.9	29.3	27.7	25.2	18.7	21.7	20.6	23.8	20.3	22.8	21.2	18.3	19.3	17.5	19.7	24.0	24.8	19.3	19.0	20.1	
008296 Morawa Airport	19.4	17.9	13.4	17.0	21.9	26.7	23.3	21.8	21.7	23.6	20.5	20.6	21.6	19.4	17.7	19.9	18.4	15.9	18.1	21.1	19.1	19.4	18.6	19.7	16.0	15.7	19.1	22.1	19.1	14.4	18.1	21.3	
008297 Dalwallinu	17.2	17.1	10.3	15.5	19.4	20.3	21.1	19.9	20.8	21.5	20.0	20.3	18.7	16.9	15.9	18.9	15.2	17.0	17.9	20.4	18.1	19.1	18.2	16.2	11.0	11.5	11.7	20.1	17.2	12.2	11.3	18.2	
008315 Geraldton Airport	19.1	20.1	12.7	11.5	18.8	21.3	29.1	23.5	20.1	23.2	19.4	19.9	17.3	19.6	15.4	16.2	18.2	17.6		21.7	20.2	17.1	16.9	19.5	15.4	15.8	21.1	20.4	19.4	21.3	23.1		
009021 Perth Airport	17.2	+1.1	18.6	10.1	11.9	21.6	16.5	17.4	19.2	18.4	21.2	19.8	17.9	17.7	14.9	16.8	18.6	16.6	19.4	22.0	19.2	19.1	18.9	13.9	11.6	12.8	15.4	14.8	14.8	12.6	13.7	18.3	
009131 Jurien Bay	17.8	19.1	12.4	13.4	18.4	20.0	21.0	24.2	21.9	19.2	21.1	20.9	18.6	16.8	16.0	16.6	20.7	15.1	18.4	19.7	18.3	19.3	16.7	16.8	12.3	13.1		16.4	17.4	14.1	16.1	23.9	
009225 Perth Metro	17.3	18.9	13.7	13.3	20.3	19.9	17.8	19.6	19.0	21.3	19.7	17.4	17.3	15.9	16.9	18.5	16.9	18.6	20.9	20.4	20.2	18.8	14.6	11.0	13.1	14.8	16.3	15.8	12.9	14.1	16.7		
009240 Bickley	15.0	15.1	10.1	13.7	19.1	16.0	13.8	15.9	17.7	19.8	17.5	13.7	13.9	13.9	14.2	15.4	14.8	16.2	18.0	19.7	19.5	19.4	17.2	10.9	9.2	9.4	12.0	18.5	11.9	10.0	10.2	15.9	
009518 Cape Leeuwin	16.8	+0.1	16.1	15.9	15.6	19.1	16.9	15.5	16.7	17.4	18.4	17.5	17.0	15.7	16.4	17.4	17.0	17.9	18.1	18.6	20.5	20.0	18.8	17.6	15.2	14.3	13.5	16.5	16.3	15.9	14.7		
009617 Bridgetown	12.8	14.0	7.5	10.0	14.3	14.2	12.8	17.2	15.3	17.0	15.2	15.4	10.5	10.6	11.9	15.6	17.1	18.6	17.6	14.9	17.8	18.2	6.9	7.1	6.2	9.6	7.5	10.6	10.9	5.8	11.6		
009746 Witchcliffe	13.6	14.9	12.0	12.6	16.0	15.1	11.2	17.2	16.2	17.8	14.9	12.8	11.7	13.3	10.4	12.6	14.3	12.6	16.3	15.9	15.3	12.4	14.9	10.2	15.6	16.9	15.6	11.6	9.7				
009789 Esperance	15.7	19.0	13.0	12.4	13.5	16.3	12.3	19.2	18.6	19.2	16.1	15.3	14.7	16.9	11.8	20.2	19.5	16.2	15.9	18.4	19.6	15.3	12.4	14.9	10.2	15.6	16.9	15.6	11.6	9.7			
009965 Bunbury	14.7	15.9	6.2	14.7	17.3	17.1	15.6	18.9	17.9	19.5	16.4	16.0	15.0	12.6	15.6	13.9	15.4	18.7	18.8	20.4	17.7	19.3	19.0	9.4	7.4	6.8	13.3	12.7	10.1	8.4	9.6	15.9	
009977 Mandurah	18.1	17.9	12.9	17.2	22.0	19.9	17.6	20.3	19.9	21.4	19.6	16.7	17.7	16.8	17.8	18.8	17.9	19.5	20.7	23.3	21.6	20.6	24.4	12.7	12.7	15.7	19.1	15.4	13.3	19.4			
009997 Albany Airport	13.8	13.9	12.9	9.3	12.7	14.4	8.5	16.7	16.1	17.0	14.7	15.3	8.4	13.3	14.9	12.1	14.8	16.9	18.7	17.5	16.0	18.8	16.5	12.6	11.6	10.4	13.8	11.2	12.7	12.7			
010007 Bencubbin	18.0	+1.6	16.6	13.9	16.6	22.4	19.0	18.5	19.1	20.4	23.4	20.0	18.5	19.6	13.3	20.3	17.2	20.2	19.5	20.7	19.0	20.5	20.7	15.7	11.3	13.0	18.8	16.9	11.5	12.6	16.4		
010092 Merredin	17.6	+1.4	17.6	13.6	16.5	22.0	18.0	15.4	21.0	24.0	22.6	21.6	19.6	18.4	15.0	19.4	21.0	19.5	22.5	19.6	22.5	19.6	15.6	11.8	11.0	14.6	19.4	15.6	12.6	14.5	16.5		
012086 Cunderford Airfield	16.0	17.0	13.3	14.6	18.4	15.9	19.0	17.4	21.7	21.4	20.7	20.0	18.6	17.3	15.4	17.8	18.7	19.8	17.8	19.7	19.0	14.0	11.6	9.7	11.1	12.6	14.6	10.0	10.6	12.3			
012038 Kalgoorlie-Boulder Airport	17.8	+1.7	24.6	16.4	16.6	18.2	18.5	16.0	28.8	22.7	24.3	20.4	20.6	17.9	20.7	17.6	19.5	19.6	19.2	18.9	21.9	21.9	17.4	13.0	12.6	16.9	17.0	12.5	10.4	13.1			
012071 Snowtown (Rayville Park)	19.3	+1.8	22.7	22.5	21.7	20.3	19.0	20.6	19.6	18.0	16.4	20.4	22.8	27.6	23.0	22.4	22.5	17.4	17.4	15.1	17.1	17.1	18.1	20.7	26.6	24.0	18.7	12.0	12.3	12.9	17.6	8.1	
012283 Cape Borda	13.1	17.8	23.5	16.8	17.8	15.0	13.5	5.0	11.6	17.8	15.6	17.8	17.1	7.1	7.2	7.6	10.0	11.4	13.4	14.6	14.4	14.8	15.8	12.8	5.5	6.6	8.5	15.4	8.9	10.4			
023090 Adelaide (Kent Town)	13.2	20.1	26.4	16.3	13.1	13.5	12.5	7.7	14.8	14.9	12.5	8.3	9.7	13.6	11.4	14.0	12.6	12.8	13.4	14.7	14.7	14.7	11.4	11.3	11.5	10.2	11.3	8.7	11.1				
023373 Nirooointpa Pirsia	13.4	20.9	26.3	17.3	17.9	13.7	12.7	7.9	9.0	16.3	1																						

Daily and mean minimum temperatures for March 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	31			
New South Wales																																			
048027 Cobar MO	21.2	22.0	21.5	21.9	20.5	20.3	22.6	15.8	18.6	22.5	20.9	24.1	20.1	18.3	19.3	17.0	18.4	20.0	18.4	16.9	20.6	19.9	22.5	23.3	24.3	19.0	12.7	10.1	13.6	19.8	13.0	6.5			
048245 Bourke Airport AWS	19.4	19.4	23.5	23.9	26.8	25.0	18.4	10.6	11.3	18.9	20.0	18.6	17.0	12.2	13.0	13.8	17.9	19.8	20.1	18.2	18.2	18.7	22.3	24.2	22.2	18.4	9.5	9.7	12.2	17.5	10.8	10.8			
049000 Ivanhoe Aerodrome AWS	17.5	17.0	+2.3	21.2	20.6	21.7	20.0	18.8	21.7	11.1	15.0	20.6	16.5	17.5	18.0	13.4	15.1	14.2	16.3	17.4	17.5	17.7	17.4	18.9	22.9	18.4	23.2	18.7	11.5	7.5	11.9	19.6	12.4	8.5	
050052 Condobolin Ag Research Sta	18.4	+1.7	19.5		20.5	20.6	24.7	14.4	17.8	21.5	17.8	23.2	20.3	17.5	18.1	16.3	19.5	18.5	18.7	17.8	19.1	20.0	21.8	19.5	21.5	19.8	15.2	12.5	15.8	19.4	14.8	8.6			
052088 Walgett Airport AWS	18.3	18.2	19.9	20.3	20.2	20.3	20.7	16.2	19.5	26.6	20.5	22.3	18.7	17.1	13.3	12.5	17.5	18.5	11.7	17.4	16.1	16.9	22.7	22.8	23.7	21.2	19.1	10.6	13.9	20.9	19.3	7.4			
053115 Moree Aero	19.5	17.9	19.5		18.2	20.0	22.1	20.6	20.8	22.7	24.0	22.3	19.8	16.3	20.9	14.6	20.8	18.1	15.9	18.1	17.6	19.7	23.0	22.4	25.0	24.5	21.1	18.0	16.3	18.2	19.3	7.4			
054038 Narrabri Airport AWS	19.1	18.2	18.9	18.6	18.7	21.2	21.2	18.4	23.3	22.3	22.8	18.7	18.2	17.8	13.5	20.5	17.7	15.6	18.0	18.9	19.4	19.5	19.9	24.3	23.8	21.1	17.6	15.8	19.6	18.6	8.1				
055024 Gunnedah Resource Centre	18.4	+1.8	17.2	19.9	18.5	19.8	20.7	21.9	14.3	18.6	23.0	20.1	23.0	19.3	18.0	20.0	15.1	12.9	16.5	15.1	17.7	18.8	19.0	20.4	17.1	21.1	23.6	19.5	15.9	15.6	18.9	18.9	8.9		
055325 Tamworth Airport AWS	17.2	15.8	19.6	17.4	16.9	16.1	16.0	18.8	19.2	19.5	18.2	14.1	18.3	12.9	18.6	17.9	17.8	16.5	17.9	20.2	15.9	20.2	20.5	16.7	13.7	15.3	18.1	18.0	8.0						
056242 Inverell (Raglan St)	14.7	11.8	12.1	11.6	13.2	12.7	14.3	14.8	17.5	15.9	19.6	17.4	16.9	11.4	14.9	15.2	16.9	16.9	11.9	15.4	12.8	14.6	15.4	14.9	17.1	16.1	18.8	17.6	12.4	17.9	5.8				
057095 Tabulam (Muirme)	17.2	14.2	15.9	16.4	17.1	17.2	17.3	16.9	16.8	17.7	18.1	20.4	20.0	19.8	18.2	17.6	16.2	16.2	17.2	16.4	17.9	18.4	18.2	17.1	18.3	19.1	18.9	16.0	15.2	15.8	17.7	10.6			
058012 Yamba Pilot Station	21.1	+1.9	22.1	21.0	22.1	21.0	20.5	23.3	21.1	21.5	23.0	22.6	21.2	22.5	21.4	19.7	19.6	19.2	20.2	20.3	20.9	21.3	21.1	21.6	24.1	24.0	21.6	20.1	18.5	20.2	14.2				
060139 Port Macquarie Airport AWS	17.8	16.3	16.5	16.2	14.7	14.2	18.7	19.4	18.2	20.6	19.4	21.7	17.7	17.6	22.0	19.2	19.6	18.4	15.3	18.3	15.4	16.8	16.8	16.6	19.9	21.5	22.4	19.8	17.8	13.2	19.3	7.9			
061078 Williamtown RAAF	18.3	+2.1	17.0	16.6	17.0	20.2	18.2	19.6	20.0	15.3	21.3	20.5	20.9	21.4	21.2	22.5	18.7	17.3	18.7	18.2	18.8	18.6	18.8	19.3	14.8	18.9	21.2	20.0	15.0	13.5	13.7	19.0	12.2		
061363 Scone Airport AWS	16.7	14.7	18.8	16.1	15.6	14.4	21.6	17.7	12.5	17.7	20.2	19.8	18.8	19.1	16.9	19.2	17.8	16.5	17.9	17.6	17.7	16.5	16.6	21.7	19.1	10.2	10.9	12.4	17.4	7.7					
062101 Mudgee Airport AWS	15.1	15.2	17.4	14.2	14.0	14.6	18.4	14.4	15.2	18.3	19.2	17.0	15.8	13.1	19.7		10.2	16.9	15.6	16.4	13.1	15.6	16.2	12.8	15.9	17.6	13.1	10.7	13.8	15.8	16.0	7.4			
063005 Bathurst Agricultural Station	12.0	+1.4	14.5	14.0	12.5	12.8	13.3	16.0	7.0	7.3	9.2	11.5	12.8	11.6	10.3	14.6	9.7	14.5	15.5	14.0	15.3	11.5	12.5	13.0	8.8	11.5	15.2	8.8	6.6	10.0	11.2	14.0	6.0		
063254 Orange Agricultural Institute	13.8	11.9	16.5	17.7	5.3	11.0																													
064008 Coonabarabran (Showgrounds)	14.2	+1.6	13.0	16.4	14.6	14.5	14.9	16.3	14.0	19.5																									
065070 Dubbo Airport AWS	16.8	19.1	19.9	18.7	19.1	18.8	22.3	13.2	16.7	20.5	17.8	18.9	17.9	14.8	18.6	10.8		18.3	15.8	15.8	17.1	18.6	19.6	15.6	15.7	18.4	13.4	11.0	15.9	17.6	14.4	6.3			
066062 Sydney (Observatory Hill)	19.1	+1.1	21.0	20.2	20.3	21.8	21.9	22.2	18.0	18.4	21.2	19.4	21.0	19.1	19.8	17.8	18.3	19.3	17.7	18.5	19.1	19.3	19.4	17.7	19.8	19.8	14.9	18.0	17.7	18.1	12.5				
067105 Richmond RAAF	16.6	16.5	16.6	15.7	16.4	18.2	19.7	15.2	17.1	19.4	16.7	16.9	18.0	18.1	18.2	16.1	16.5	18.3	17.8	17.9	17.5	17.1	14.0	17.3	13.9	17.6	10.7	10.7	13.7	10.7	10.7				
068072 Nowra RAN Air Station AWS	16.1	15.5	17.6	16.2	15.9	16.8	19.4	10.5	13.9	17.7	18.1	18.1	16.8	16.5	16.7	16.2	17.6	15.9	17.0	17.1	18.7	16.7	16.5	19.2	22.2	12.4	11.0	11.8	13.7	16.1	9.7				
068151 Jervis Bay (Point Perpendicular)	18.3	19.5	19.5	18.6	21.0	20.8	21.6	15.9	16.2	17.0	17.3	19.6	19.1	16.9	17.1	17.6	18.3	20.4	16.5	17.1	20.5	20.0	20.1	18.5	18.6	22.6	15.9	16.1	15.6	18.5	16.5	11.9			
068241 Albion Park (Wollongong Airport)	16.7	16.6	18.9	16.0	15.7	18.9	18.9	13.9	15.5	18.9	16.9	17.7	18.2	17.5	17.3	15.9	18.2	17.8	17.1	16.2	18.7	16.2	18.0	19.1	22.2	11.5	10.8	13.0	13.5	16.9	11.6				
069018 Moruya Heads Pilot Station	16.2	+1.1	17.1	18.3	16.7	18.2	19.0	20.3	9.0	12.9	15.2	15.0	16.6	16.9	15.7	16.4	16.7	16.9	15.9	18.5	19.5	18.3	19.1	19.4	17.0	19.3		12.9	11.2	13.3	16.8	16.4	8.0		
070351 Canberra Airport	12.0	14.0	14.7	12.7	13.6	15.3	15.9	4.2	7.7	14.1	11.4	9.9	9.9	13.6	14.6	12.4	13.2	14.6	12.7	15.7	12.2	14.7	16.7	10.1	14.0	16.5	8.0	4.2	6.8	12.3	13.3	3.1			
071041 Thredbo Village	6.5	6.0	6.0	9.0	9.5	10.8	11.0	-3.0	3.0	9.0	5.5	5.0	11.5	5.8	6.9	6.0	9.0	6.9	8.0	12.5	10.3	6.5	8.0	5.0	8.0	11.0	3.0	-2.3	1.0	6.0	6.0	0.0			
072150 Wagga Wagga AMO	15.3	+1.8	20.7	21.0	19.1	19.8	22.0	16.8	8.0	13.3	19.3	17.1	12.9	14.7	9.6	9.5	12.5	11.7	15.0	14.1	17.7	15.8	16.6	19.4	21.0	17.6	17.7	17.8	8.5	7.3	12.7	17.5	9.5	7.5	
072160 Albury Airport AWS	14.3	17.2	17.3	17.9	19.3	20.4	17.4	7.5	9.8	14.8	14.3	15.4	9.2	10.5	12.9	14.9	15.0	16.2	17.9	17.7	18.1	19.3	15.7	17.4	17.8	7.6	7.0	10.5	13.8	9.2	7.5				
072161 Cabramurra SMHEA AWS	9.0	13.7	11.5	14.4	16.9	12.8	8.6	0.1	4.1	10.6	12.2	9.1	9.2	6.2	7.9	8.1	8.5	9.9	8.7	11.3	11.8	12.6	12.8	10.1	10.5	10.9	0.5	1.2	8.6	11.2	5.4	-1.3			
074258 Deniliquin Airport AWS	14.8	21.2	20.5	20.4	22.6	25.0	15.3	8.2	8.6	15.1	17.2	13.0	12.9	12.0	10.8	12.6	14.2	19.2	16.3	16.5	15.2	16.3	16.5	15.3	16.5	19.8	20.4	18.4	16.3	8.3	7.6	9.9	12.2	7.7	8.0
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	31			
091126 Devonport Airport	11.2	17.7	16.3	16.5	12.1	11.0	11.0	5.4	10.9	12.5	13.4	9.2	11.9	3.3	6.4	7.2	11.4	12.4	14.1	12.7	16.0	17.6	15.1	13.8	11.6	11.3	9.1	4.2	9.1	11.7	7.1	5.9			
091293 Head	13.6	16.1	17.1	18.0	17.5	16.2	13.7	11.5	13.6	15.7	15.5	14.8	13.8	7.5	9.8	11.5	12.9	13.9	14.8	14.5	16.3	17.9	16.1	14.5	16.5	12.3	9.9	7.8	9.4	12.5	10.8	10.7			
091311 Launceston Airport	9.4	13.5																																	

Daily and total rainfall for March 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	31	
Western Australia																																		
001013 Wyndham	41.6	3.0	.	.	13.4	5.2	.	.	.	3.2	14.4	.	2.4		
001019 Kalumburu	61.2	1.2	13.0	10.6	11.6	.	13.2	11.6		
002056 Kununurra Aero	53.2	.	.	14.0	0.2	28.4	3.0	1.0	.	.	3.8	1.8	1.0		
003003 Broome Airport	72.0	105	2.2	18.8	7.0	1.2	0.2	21.8	4.8	0.2	.	.	3.2	0.4	11.2	0.2	.	0.8	.	.	.			
003032 Derby Aero	90.4	132	0.6	0.2	0.2	13.2	.	.	.	1.4	0.2	.	1.2	23.8	5.6	.	8.4	2.0	2.6	29.8	0.4	0.2	.	.	0.6			
004032 Port Hedland Airport	382.0	48	12.6	0.2	0.2	13.4	179.4	39.4	136.8		
004083 Karratha Aero	71.0	18.0	17.2	16.2	.	13.2	6.4		
004106 Marble Bar	246.2	.	0.6	5.8	18.4	1.6	.	0.4	32.6	5.6	0.2	16.2	138.0	26.8		
005007 Leamington Airport	28.6	29	0.2	0.2	.	.	27.8	0.4		
006011 Carnarvon Airport	0.5	13	.	.	.	0.1	0.4		
006044 Denham	0.2	14	0.2			
007176 Newman Aero	12.2	0.8	.	0.8	.	2.0	1.6	1.2	.	.	5.8		
007185 Paraburdoo Aero	24.4	2.4	.	.	7.8	6.8	.	.	5.8	1.4	0.2	.			
007045 Meekatharra Airport	14.0	22	0.4	.	1.0	.	11.0	.	.	1.4	0.2				
007600 Mount Magnet Aero	39.0	16.4	.	.	19.4	.	0.6	0.2	.	.	2.4			
008296 Morawa Airport	1.6	.	.	.	0.2	0.4	1.0		
008297 Dalwallinu	8.2	.	0.2	.	.	1.4	3.4	3.2		
008315 Geraldton Airport	0.8	.	.	.	»	0.2	.	.	.	0.2	.	»	»	0.4			
009021 Perth Airport	4.8	16	.	.	.	1.6	0.2	1.0	2.0			
009131 Jurien Bay	1.0	0.2	.	0.4	0.2	.	.	0.2			
009225 Perth Metro	6.2	1.6	0.4	0.6	3.4	0.2			
009240 Bickley	8.0	1.8	0.4	1.4	4.2	.	.	0.2			
009518 Cape Leeuwin	34.8	28	0.4	0.2	.	.	29.8	2.4	0.2	0.4	0.2	0.4	.	.	0.8			
009617 Bridgetown	50.4	1.6	.	.	.	5.4	33.8	0.2	2.6	.	.	0.2	6.4	.	.	0.2			
009746 Witchcliffe	19.0	1.0	0.2	.	.	10.0	4.2	0.2	1.0	.	.	0.2	0.4	1.0	0.2	.	.	0.4	0.2			
009789 Esperance	.	»	»	»	0.8	.	0.4	5.4	»	2.2	.	0.8	»	»	.	.	»	»	3.0	0.4	»	19.0	»	»	0.6			
009965 Bunbury	21.2	0.2	.	.	.	4.4	7.8	3.6	5.2		
009977 Mandurah	17.4	8.6	2.6	1.6	4.6		
009999 Albany Airport	50.8	3.0	.	.	1.4	»	17.0	»	2.6	.	.	»	»	3.0	0.4	»	19.0	»	»	4.4			
010007 Bencubbin	15.5	20	.	.	.	1.6	0.1	2.2	0.4	10.8	0.4		
010092 Merredin	6.4	18	.	.	.	5.2	2.0	1.2	3.4	2.4	0.2	3.8			
010286 Cunderdin Airfield	1.6	.	.	.	1.0	0.2	0.4	0.3	5.4	1.6			
010633 Ravensthorpe	21.5	24	.	.	2.6	.	6.5	0.4	1.2	.	0.6	0.5	.	1.4	1.0	.	.	.	0.3	5.4	1.6			
010911 Lake Grace	7.2	2.8	0.2	1.6	1.8	0.2	0.6		
010916 Katanning	43.2	5.8	16.2	1.2	2.8	11.8	1.0	0.4	3.6	0.2	.	.	0.2		
010917 Wandering	19.6	5.2	2.0	1.2	3.4	2.2	.	5.6		
011003 Eucla	8.0	23	.	.	0.6	0.2	1.2	0.2	0.4	.	0.2	.	0.4	4.4	0.4		
011052 Forrest	1.2	.	.	.	0.6	1.2		
012038 Kalgoorlie-Boulder Airport	20		
012071 Salmon Gums Res.Str.	25.8	19	.	.	0.4	.	1.2	0.8	0.4	19.4	3.8	0.8	.	.	.	0.2			
013011 Warburton Airfield	1.2	0.8	0.4		
013012 Wiluna	5.3	32	2.8	.	.	.	0.5	.	1.0	1.0		
013017 Giles Meteorological Office	3.0	41	0.6	0.2	.	.	.	2.2		
Northern Territory																																		
014015 Darwin Airport	171.4	342	19.6	.	0.8	0.2	0.2	.	14.4	12.2	10.6	0.4	.	2.8	.	0.2	25.2	13.6	15.0	35.6	0.2	20.0	0.2	0.2
014198 Jabiru Airport	189.2	.	8.6	0.2	0.8	0.4	0.2	4.6	18.2	11.4	13.6	4.6	0.2	6.4	2.4	12.0	5.2	0.8	82.0	7.4	1.8	8.4	.	.	
014932 Tindal RAAF	148.0	0.2	.	.	.	28.4	.	.	.	20.8	24.8	33.6	0.2	39.8	0.2
014508 Gove Airport	262.4	.	5.4	12.6	11.4	1.8	14.4	3.4	1.0	.	1.0	18.4	.	0.4	0.2	.	5.0	0.2	.	.	28.2	108.2	13.4	0.2	
014723 Borroloola Airport	164.4	.	4.8	0.2	.	.	.	3.8	0.4	.	1.0	1.0	18.4	.	.	.	5.0	0.2	.	.	.	»	4.8
014825 Victoria River Downs	16.6	144	1.6	.	.	1.4	4.6	3.4	0.6	0.2	
015135 Tennant Creek Airport	16.8	3.6	
015590 Alice Springs Airport	1.6	52	1.4	.	2.8	0.2	1.6	.	.	.		
015635 Yulara Airport	5.0	2.6	.	0.2	
015666 Rabbit Flat	5.0	1.4	.	2.8	0.2	0.6	.	.	.		
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	31	
016001 Woomera Aerodrome	6.6	15	0.2	6.4
016098 Tarcoola Aero	0.8	0.6	0.2
017043 Oodnadatta Airport	1.8	11																												

Daily and total rainfall for March 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	31										
New South Wales																																											
046043 Wilcannia (Reid St)	9.8	28	2.4	3.0	4.4												
048027 Cobar MO	15.4	42	0.4	4.6	2.4	.	.	8.4	.												
048245 Bourke Airport AWS	9.6	4.0	0.6	.	.	4.4	0.2												
049000 Ivanhoe Aerodrome AWS	15.6	0.2	1.2	0.8	14.2													
050052 Condobolin Ag Research Stn	15.9	40	0.4	1.8	32.5	4.4	5.1	.	.	3.4	.												
051039 Nyngan Airport	51.5	45	32.5	3.2	4.6	.	.	11.2	.											
052088 Walgett Airport AWS	32.6	4.0	0.2	1.4	0.2	0.6	0.6	.	.	25.6	.													
053115 Moree Aero	38.2	0.8	.	.	.	21.4	6.2	0.2	0.2	.	.	9.4	.														
054038 Narrabri Airport AWS	81.4	5.2	0.2	1.4	.	.	18.8	15.2	0.6	0.2	0.4	.	39.0	0.4														
055024 Gundedah Resource Centre	112.4	49	3.6	4.8	.	.	.	3.2	8.8	.	.	.	14.6	0.2	0.6	0.8	.	.	74.8	1.0	.	.													
055325 Tamworth Airport AWS	76.6	3.2	.	2.4	0.2	0.2	.	.	.	15.2	1.2	.	.	.	0.6	0.6	1.4	.	.	46.0	5.4	.	.														
056242 Inverell (Raglan St)	74.6	22.0	.	1.0	2.4	.	.	.	4.2	11.6	.	.	.	1.0	.	1.4	0.6	.	.	7.0	23.4	.	.														
057095 Tabularia (Muirne)	222.4	1.6	0.8	16.0	6.2	0.2	.	.	9.0	0.2	4.6	.	.	22.2	71.2	0.8	6.2	8.0	.	5.0	28.6	.	.	.	26.4	6.6	0.6	3.4	4.8	.													
058012 Yamba Pilot Station	140.4	204	0.6	0.4	4.0	0.2	.	.	15.0	.	0.2	.	.	76.4	9.6	0.4	13.6	.	.	0.6	0.2	.	.	0.2	.	0.8	3.4	14.8	.														
060139 Port Macquarie Airport AWS	93.2	4.8	1.4	3.6	0.2	.	.	1.0	1.4	.	32.0	.	.	3.0	.	2.8	11.8	3.4	2.4	0.2	.	.	2.4	1.2	9.6	.	.	0.4	0.4	11.2	.												
061078 Williamtown RAAF	145.8	130	8.2	.	12.0	4.8	59.4	2.6	2.2	.	1.2	.	5.4	5.2	.	.	.	38.2	6.6	.	.													
061363 Scone Airport AWS	114.4	7.8	0.2	5.6	1.2	0.2	4.2	.	.	7.2	2.0	7.0	1.2	.	.	66.2	11.6	.	.														
062101 Mudgee Airport AWS	140.4	1.6	56.0	0.4	.	0.8	9.0	2.6	15.8	15.8	.	.	.	38.4	.	.	.													
063005 Bathurst Agricultural Station	80.3	54	2.4	.	.	0.6	1.6	6.6	2.4	.	.	9.4	11.6	14.1	3.2	.	.	27.8	0.6	.	.														
063254 Orange Agricultural Institute	27.4	63	0.6	2.2	»	2.6	2.2	.	.	»	18.0	1.8												
064008 Coonabarabran (Showgrounds)	109.1	69	0.5	.	3.6	29.5	2.0	0.4	.	.	9.0	0.3	2.0	4.0	.	.	57.8	.	.	.														
065070 Dubbo Airport AWS	46.8	5.4	13.8	.	8.2	13.0	.	.	6.2	0.2	.	.													
066062 Sydney (Observatory Hill)	229.2	164	6.8	.	.	.	1.4	.	0.8	.	14.6	5.8	8.6	16.0	43.4	75.2	4.6	5.8	.	8.4	2.0	0.4	3.8	0.6	.	30.8	0.2	.	.														
067105 Richmond RAAF	125.8	3.6	.	0.2	0.6	0.2	1.4	1.2	2.8	20.2	23.2	10.4	3.6	6.2	0.2	1.4	10.0	7.0	1.0	0.2	.	32.2	0.2	.	.													
068072 Nowra RAN Air Station AWS	120.8	0.2	19.6	10.2	56.2	0.6	6.0	0.2	1.6	16.8	8.6	0.8	.	.													
068151 Jervis Bay (Point Perpendicular)	152.4	.	7.2	0.6	.	.	0.2	.	0.4	0.2	3.4	0.4	53.6	26.0	33.8	.	2.2	11.2	0.2	2.2	.	.	1.2	.	.	9.0	0.6	.	.														
068241 Albion Park (Wollongong Airport)	157.2	.	3.0	.	.	5.4	1.2	.	.	.	0.2	19.8	39.6	11.4	31.8	12.8	18.2	3.4	0.2	.	.	.	0.2	.	9.4	0.6	.	.															
069018 Moruya Heads Pilot Station	150.4	131	0.2	0.6	.	9.4	3.0	9.8	58.6	9.0	16.4	2.2	.	.	0.4	20.0	20.8	.	.														
070351 Canberra Airport	76.2	9.8	.	0.2	0.2	0.2	15.8	.	0.2	0.2	1.0	.	0.6	.	.	1.0	45.2	1.8	.	.															
071041 Thredbo Village	234.5	4.8	.	.	9.6	17.4	1.2	.	2.0	7.0	.	.	.	0.6	9.0	13.4	.	0.4	0.2	3.9	»	20.0	.	.	2.6	63.6	10.0	.	.														
072150 Wagga Wagga AMO	67.0	40	.	.	0.2	4.8	0.2	.	.	.	0.2	1.0	.	.	.	27.8	1.6	0.2	1.2	.	.	28.2	2.8											
072160 Albury Airport AWS	52.0	0.8	.	.	6.4	0.2	0.2	0.6	19.0	1.2	10.4	2.4	.	.	10.6	0.2										
072161 Cabramurra SMH&EA AWS	170.4	.	.	.	14.4	15.4	2.4	.	1.6	.	5.6	.	.	.	0.2	0.2	7.6	8.0	4.8	19.0	0.6	23.2	16.4	.	.	35.6	15.4												
073054 Wyalong Post Office	70.0	38	.	.	.	9.0	1.4	0.2	.	13.6	3.0	.	.	.	3.6	37.0									
074258 Deniliquin Airport AWS	15.4	0.2	1.0	0.2	.	.	.	14.0								
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	31										
091126 Devonport Airport	18.8	55	1.4	5.2	9.4	0.2	.	2.6				
091293 Low Head	15.4	1.0	1.0	0.2	.	.	0.2	8.0	1.2	.	.	3.8					
091311 Launceston Airport	54.4	0.4	0.8	39.4	.	0.2	7.0	1.0	.	.	5.6					
092045 Larapuna (Eddystone Point)	10.4	65	0.4	.	1.0	0.8	.	.	.	0.8	0.2	1.6	5.4	.	.	0.2						
093053 Ross (The Boulevards)	21.0	1.8	0.4	.	»	0.4	3.4	.	.	.	0.4	10.2	0.2	.	.	4.2							
094010 Cape Bruny Lighthouse	52.6	66	.	.	.	8.2	.	1.4	0.2	0.8	4.8	12.8	0.2	0.8	9.2	11.8	.	.	1.2	1.2								
094029 Hobart (Ellerslie Road)	18.2	45	.	.	.	2.2	1.6	0.2	3.0	2.4	.	0.2	0.2	.	.	.	1.0	.	0.4	0.2	2.2	2.8	.	.	1.6							
094220 Grove (Research Station)	30.8	2.4	.	2.2	0.8	0.6	1.0	2.0	3.0	.	0.6	7.8	8.8	.	.	1.6							
095003 Bushy Park (Bushy Park Estates)	7.2	42	.	.	.	1.6	.	.	2.4	0.2	.	0.2	3.0								
096003 Butlers Gorge	129.0	96	.	.	.	7.8	19.8	0.6	.	1.6	3.2	5.4	4.8	.	.	0.2	.	0.2	11.8	.	8.6	15.4	35.0	2.6	.	8.4	3.6					
096033 Liawenee	59.0	1.4	1.4	.	0.6	0.6	0.2	0.4	3.2	9.0	.	1.0	15.6	12.8	0.4	.	11.8					
097072 Strahan Aerodrome	124.4	.	.	.	1.0	0.8	14.0	32	0.8	10.8	0.2	5.4	10.0	2.0	0.2	8.0	0.2	12.6	14.6	13.0	0.2	.	22.8	4.6		
097085 Mount Read	271.4	.	.	.	1.2	0.6	28.0	21.6	8.2	10.6	1.4	13.6	28.0	12.4	.	4.4	0.2	.	2.4	1.8	1.4	0.2	25.4	13.0	42.4	8.2	0.8	.	26.8	18.8
098017 King Island Airport	43.0	.	.	.	6.2	1.6	0.8	0.4	.	1.4	4.8	2.2	.	0.2	.	0.2	.	2.0	3.6	1.4	0.2	8.4	3.6	.	.	5.2	2.2			
099005 Flinders Island Airport	24.0	59	.	.	0.6	0.4	1.8	.	0.2	2.2	0.8	1.2	0.2	0.2	0.2	.	4.8	11.2	.																				