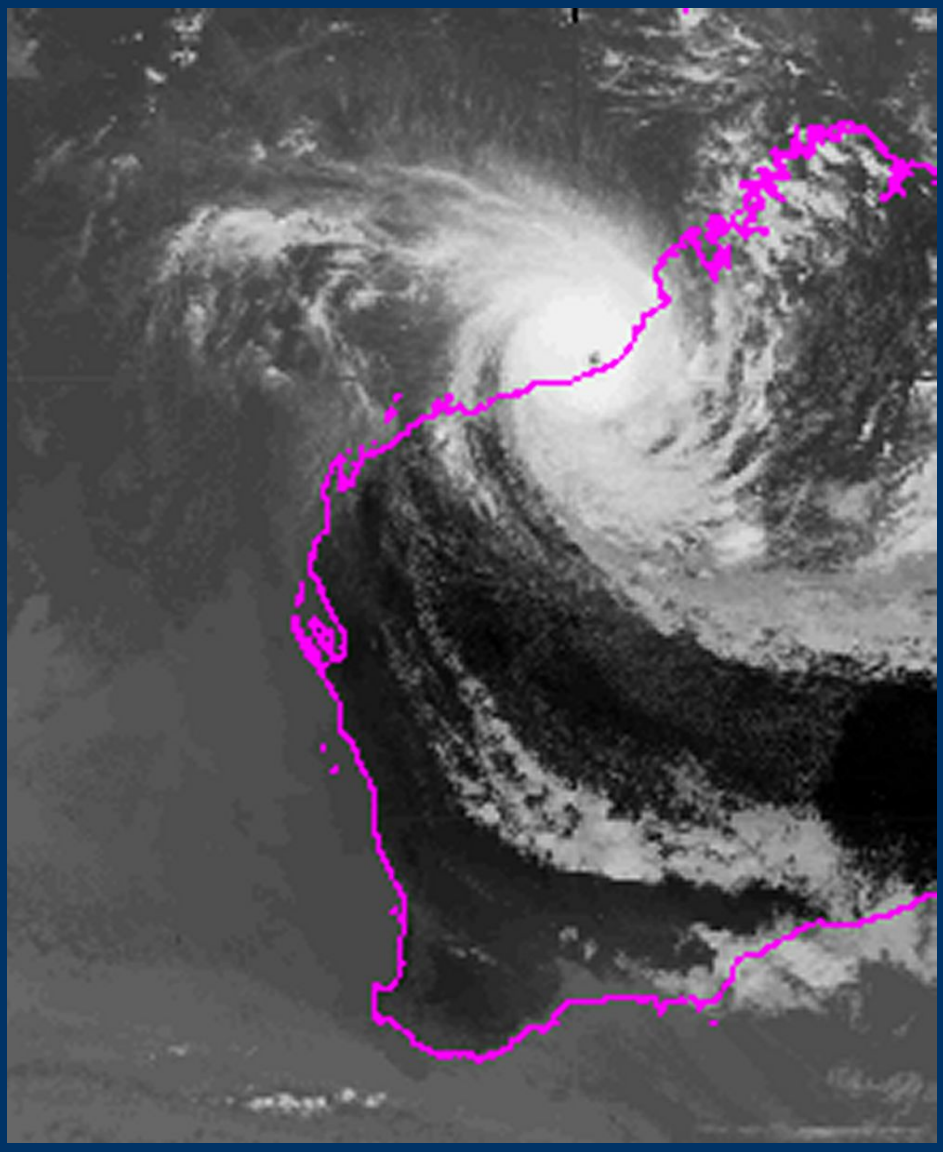
Monthly Weather Review

Western Australia

December 2009



Australian Government
Bureau of Meteorology

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

It is intended to provide a concise but informative overview of the temperatures, rainfall and significant weather events in Western 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. Major discrepancies will be noted in later issues.

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

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(08) 9263 2222

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

Units of measurement

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

Observation times and periods

Each station in Western 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.

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

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

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

Climatological values

The climatological averages shown in the text and tables are generally long-term means based on observations from all available years of record, which vary widely from site to site. They are not shown for sites with less than 30 years of record, as they cannot then be calculated reliably. Climatological extremes are generally taken from available observations from all available years of record. The number of years can vary substantially from site to site.

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Cover photograph

Tropical Cyclone Laurence seen in an image from the MTSAT-1R geostationary satellite operated by the Japan Meteorological Agency and processed by the Bureau of Meteorology.
21 December 2009.
If you have a photo you think would make a good cover for the Monthly Weather Review, please contact us at the address above.

Overview

- Monthly rainfall above average, though southwest WA was very much below average;
- Mean daily maximum temperature very much above average - 3rd highest December on record;
- Mean daily minimum temperature very much above average - 4th highest December on record.

December 2009 saw the first tropical cyclone of the 2009/10 Western Australian season as Tropical Cyclone *Laurence* developed over the Timor Sea on the 13th and made two land crossings, on the 16th (category 4) and 21st (category 5) during the long lived event. As a result, rainfall over northwest WA was above average and several daily and monthly December rainfall records were broken. In contrast, rainfall through the Southwest Land Division (SWLD) was generally below average, and some record low December totals occurred.

The month was an unusually warm one and very much above average in terms of both daytime and night-time temperatures. December 2009 ranked as the 3rd highest in terms of mean daily maximum temperature averaged across WA, and 4th highest in terms of mean daily minimum temperature, since comparable records began in 1950. Particularly hot conditions towards the beginning of the month in the north and at the end of the month in the south saw both maximum and minimum daily temperature records for December broken at several sites, along with some highest December mean records.

Extremes in December 2009

Hottest day
(Highest daily maximum temperature)
47.0 °C at Hyden on the 29th
Warmest days on average
(Highest mean daily maximum temperature)
42.1 °C at Marble Bar
42.1 °C at Roebourne
Coolest days on average
(Lowest mean daily maximum temperature)
20.8 °C at Albany
Coldest day
(Lowest daily maximum temperature)
17.0 °C at Albany on the 16th
Coldest night
(Lowest daily minimum temperature)
0.2 °C at Eyre on the 9th
Coolest nights on average
(Lowest mean daily minimum temperature)
9.9 °C at Rocky Gully
Warmest nights on average
(Highest mean daily minimum temperature)
27.8 °C at Troughton Island
27.2 °C at Wyndham (On the WA mainland)
Warmest night
(Highest daily minimum temperature)
32.9 °C at Wittenoom on the 31st
Wettest overall
(Highest total rainfall)
717.2 mm at Troughton Island
641.2 mm at Truscott (On the WA mainland)
Wettest day
(Highest daily rainfall)
402.0 mm at Napier Downs on the 18th
Highest wind gust
187 km/h at Troughton Island on the 15th

Significant weather

Tropical Cyclone

Severe Tropical Cyclone *Laurence* first developed as a tropical low in the Arafura Sea on the 8th December. The low moved to the southwest, passing over Darwin on the 12th and causing heavy rain and squalls that caused some tree-related damage. The low intensified over open waters west of Darwin and was named TC *Laurence* on the morning of the 13th.

Laurence followed an erratic path north of the Joseph Bonaparte Gulf before initially tracking westward on the 14th, then southwest as it intensified rapidly. *Laurence* reached category 3 by 0800 WST on the 15th, close to the north Kimberley coast. Troughton Island recorded wind gusts to 187 km/h as the eye wall passed over the Bureau of Meteorology's automatic weather station. The small, but intense, cyclone then skirted the Kimberley coast reaching category 5 for a brief period on the morning of the 16th before crossing the coast east of Koolan Island that evening as a category 4 cyclone with estimated gusts to 260 km/h near its centre. Some structural damage occurred at Kuri Bay with many trees down. Office windows were blown in on Cockatoo Island and a storeroom was damaged at Koolan Island.

Laurence then moved south over land causing heavy rain as it slowed; Napier Downs (east of Derby) registered a daily rainfall of 402 mm in the 24 hours to 0900 WST on the 18th, which is the 2nd highest WA December daily rainfall total on record. By this stage, *Laurence* had weakened below tropical cyclone intensity. The low subsequently tracked to the west-northwest past Derby, across the Dampier peninsula, and then over open waters near Beagle Bay on the 19th where it quickly re-developed into a tropical cyclone by late morning and began to track to the southwest. In the following days, *Laurence* steadily intensified to category 3 on the afternoon of the 20th before turning to the south-southeast towards the east Pilbara coast.

Laurence eventually crossed the coast near Wallal on 80 Mile Beach at 1700 WST on the 21st as a category 5 cyclone with estimated wind gusts to 285 km/h near its centre. Mandora recorded wind gusts to 211 km/h and a lowest pressure of 929 hPa. Considerable damage was caused to properties in the area, and an estimated 1500 cattle were reported to have perished. *Laurence* gradually weakened over land as it moved to the southeast with heavy rain in eastern parts of the De Grey River catchment causing minor flooding and road closures, but no major damage to infrastructure. Warrawagine registered 245 mm in the 24 hours to 0900 WST on the 22nd as *Laurence* passed to the west of Telfer, before weakening over the Interior district on the morning of the 23rd. *Laurence* was the first tropical cyclone of the Australian 2009/10 season.

Bushfire

A large bushfire from the 29th - 31st December 2009 affected bushland and properties near the town of Toodyay. Approximately 3000 hectares were burnt and 38 homes were destroyed.

Synoptic summary

December 2009 in WA began with a trough extending from the Kimberley, through central parts of WA and into the Southeast Coastal district, while a weak front brushed the southwest corner of the state. Isolated thunderstorms were observed in the Kimberley, while in the south, light showers were reported in the Southwest and South Coastal districts. The weak front slipped to the southeast during the 1st as the surface trough moved eastward and a ridge began to develop along the south coast. Another weak front brushed the south coast on the 2nd causing a few isolated showers in SWLD south coast districts and adjacent parts of neighbouring districts, while in the north, thunderstorms in the Kimberley extended into the northwest Interior and far eastern Pilbara, with severe wind gusts recorded in the northeast Kimberley. From the 3rd to the 5th, the ridge persisted along the south coast as a trough developed near the west coast extending from the Kimberley and through the Pilbara. As a result, thunderstorms were observed in the north and west Kimberley, eastern Pilbara, western Interior and northeast Gascoyne on the 3rd; the west Kimberley, Pilbara, western Interior, Gascoyne and northern SWLD on the 4th and were confined to the Gascoyne, northern Goldfields and mainly the northern and eastern SWLD on the 5th as the trough began to move eastward.

A strong ridge became established to the south of the state on the 6th as the trough moved eastwards out of southern parts of WA. Showers and thunderstorms occurred in the far northeast Kimberley and in the Gascoyne, northeast Central Wheat Belt, Goldfields and Eucla associated with the surface trough, whilst showers and drizzle were reported in the onshore flow to the west of the trough in south coast SWLD districts. The ridge was maintained south of WA on the 7th as a surface low dominated the northern half of the state. Showers and thunderstorms were reported in the Kimberley, southeast Pilbara, western and northern Interior, east Gascoyne, Goldfields, far northeast Central Wheat Belt and Eucla. An onshore flow along the south coast brought showers to SWLD south coast districts and the Great Southern. A weak front approached the south coast on the 8th and isolated showers were reported in SWLD south coast districts. The front brushed the south coast on the 9th with scattered showers in SWLD south coast districts. The low over the northern half of WA caused further showers and thunderstorms in the east Gascoyne, northern Goldfields, Interior and Kimberley on the 8th, contracting to the Interior and central and eastern Kimberley on the 9th. Unusually hot conditions were experienced in northern parts of the state from the 6th to the 9th with some sites in the Kimberley breaking daily maximum and minimum temperature records for December.

On the 10th a high moved to the south of WA, just off the south coast, and a trough lay over the Kimberley and Pilbara. The northern trough extended along the west coast on the 11th and similar synoptic conditions persisted into the 12th. Showers and thunderstorms were reported in the central and eastern Kimberley and far northeast Interior on the 10th, extended over remaining parts of the Kimberley and into the eastern Pilbara and northern half of the Interior on the 11th, and into the central Pilbara, far northeast Gascoyne and central Interior on the 12th. In the south, isolated showers were reported in WA south coast districts on the 10th but contracted to the Eucla on the 11th, with mainly clear and sunny conditions across the south half of WA on the 12th. On the 12th, a tropical low moved over Darwin in the Northern Territory causing heavy rain before moving into the Timor Sea and developing into Tropical Cyclone *Laurence* on the morning of the 13th, north of the Joseph Bonaparte Gulf. Showers and storms occurred over the north Kimberley, whilst cloud extended over western parts of the state as an upper level disturbance approached, and showers and thunderstorms were reported in the central Pilbara, northeast Gascoyne and western Interior. The West Coast trough moved inland but southern WA saw no significant weather.

TC *Laurence* moved in a westerly direction off the north Kimberley coast on the 14th and further showers and storms were reported in the north Kimberley, with some heavy falls. The surface trough became active in central and southern WA as it moved slowly westward. Showers and storms occurred in the east Gascoyne, Goldfields, southeast SWLD, and far west Eucla, whilst cloud moved over the Southwest district during the evening as a cold front approached. TC *Laurence* rapidly intensified on the 15th as it tracked in a southwesterly direction, passing over Troughton Island with a wind gust to 187 km/h reported, and skirted the north Kimberley coast. Widespread rain and thunderstorms were reported in the Kimberley with very heavy falls over 150 mm in the far north Kimberley. In the south, the trough moved slowly into southeast WA as showers and storms were mostly confined to the southern Pilbara, east Gascoyne, Goldfields and western Eucla, with severe thunderstorms reported in the Pilbara and Goldfields. Behind the trough, a weak front with extensive upper-level cloud moved over the SWLD bringing isolated showers to the Southwest and South Coastal districts.

TC *Laurence* briefly reached category 5 on the 16th before moving in a southerly direction and making landfall near Koolan Island during the evening as a category 4 system. Widespread rain and thunderstorms were again reported across the Kimberley with further very heavy falls in the northwest Kimberley. Showers and storms in the east Gascoyne, Goldfields and Eucla associated with

the surface trough had contracted into the east Pilbara and Interior by afternoon, whilst the cold front over the SWLD weakened rapidly with isolated showers and drizzle reported in SWLD south coast districts. Widespread rainfall and thunderstorms continued in the Kimberley on the 17th as TC *Laurence* slowed in its movement, and gradually weakened. Very heavy falls were again reported in the northwest Kimberley. For the remainder of WA, showers and thunderstorms occurred over the Pilbara, northeast Gascoyne and Interior, whilst a ridge lay near the south coast and brought some isolated drizzle to south coast districts.

TC *Laurence* weakened to a tropical low on the morning of the 18th near Derby and began to move westward. Widespread rainfall and thunderstorms continued in the Kimberley, with very heavy falls near the low. Over 400 mm was reported from Napier Downs, east of Derby. Isolated showers and storms also occurred in the Pilbara. A trough developed along the west coast and caused showers and thunderstorms over the Gascoyne and northern SWLD. Ex-TC *Laurence* moved across the Dampier Peninsula and rapidly redeveloped back to tropical cyclone strength on the morning of the19th as it began to move to the southwest. Widespread rainfall and storms were reported across the Kimberley and in the northeast Pilbara and northern Interior. The trough remained near the west coast and shower and thunderstorm activity occurred in the Gascoyne and SWLD. TC *Laurence* continued to move southwest and intensify on the 20th, reaching category 3 in the afternoon, before tracking south-southeast toward the east Pilbara coast. Widespread heavy rainfall was reported in the west Kimberley and east Pilbara, whilst showers and thunderstorms were reported in the Kimberley, Pilbara, Interior, Gascoyne and Goldfields as the west coast trough moved inland. Isolated drizzle patches occurred in the onshore flow west of the trough in south coast parts of the Southwest and South Coastal districts.

TC *Laurence* crossed the east Pilbara coast near Wallal as a category 5 system on the afternoon of the 21st with estimated wind gusts to 285 km/h near its centre and bringing considerable damage to properties in the area. Very heavy rainfall was mostly confined to the east Pilbara, however showers and storms were reported over all but far west and southwest parts of WA. The tropical cyclone slowly weakened but maintained its tropical cyclone structure as it tracked to the west of Telfer on the 22nd. Significant rainfall was reported in the east Pilbara and northwest Interior causing minor flooding in the De Grey catchment. Further showers and storms were reported throughout much of WA apart from far west and southwest parts. Severe storms were reported in the eastern Central Wheat Belt. TC *Laurence* finally weakened into a rain-bearing depression on the morning of the 23rd in the central Interior and exited the state later in the day, whilst to the south, a weak cold front brushed the south coast. Showers and storms with some heavy falls occurred in the southeast Kimberley, Interior, Goldfields, Southeast Coastal and Eucla and became confined to the Interior late in the day. Isolated showers were reported near the SWLD south coast as a result of the weak front. On the 24th, a weak high developed in the Bight with clear conditions over all but the northern half of the Interior, and the north and east Kimberley where showers and thunderstorms occurred.

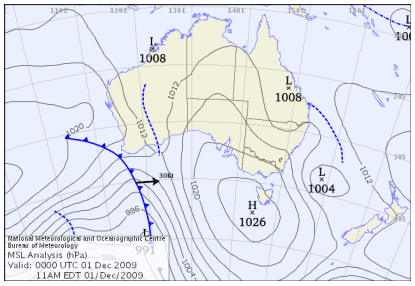
Christmas Day and Boxing Day (25th and 26th) saw a high in the Bight and a trough near the west coast causing showers and thunderstorms in the north Kimberley, inland Pilbara, inland Gascoyne and northern SWLD. On the 27th, a weak easterly flow across the state along with a developing West Coast trough brought some isolated showers to the SWLD south coast, and isolated showers and thunderstorms to the Gascoyne and northern Central Wheat Belt, while isolated showers and storms occurred near the northwest Kimberley coast. The West Coast trough strengthened on the 28th as a middle level trough to the west brought cloud to much of the SWLD. Isolated thundery showers were reported in the Central Wheat Belt and southeast Central West, while isolated showers and thunderstorms again developed near the northwest Kimberley coast.

The West Coast trough deepened on the 29th and moved inland as a developing cold front approached southwest WA. Hot northerly winds preceding the front caused daily maximum temperature records for December to be broken at several locations in the SWLD and southern Gascoyne, whilst a bushfire started near Toodyay that would go on to cause significant property damage over the next two days. Isolated showers and thunderstorms occurred in the Southwest and South Coastal districts, whilst the north Kimberley saw seasonal showers and storms. The cold front moved through the SWLD during the 30th causing isolated showers in south coast SWLD districts and the Lower West. In the north, isolated showers and thunderstorms occurred in the north and east Kimberley. The remnants of the front brought isolated thundery showers to the Eucla in the morning on the 31st, whilst isolated showers were reported in south coast districts as a weak high moved into the Bight, and a weak front approached the southwest of the state. A broad low over northern parts brought isolated showers and thunderstorms to the north and east Kimberley.

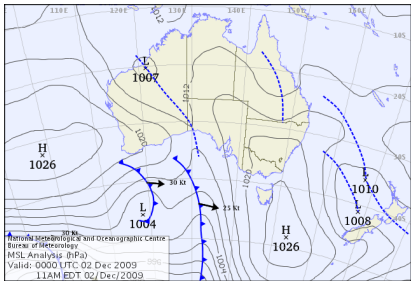
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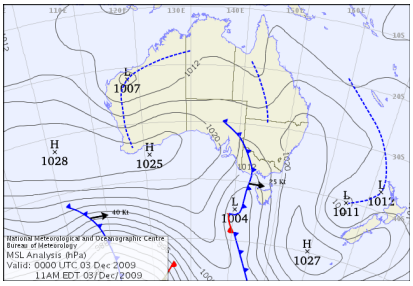
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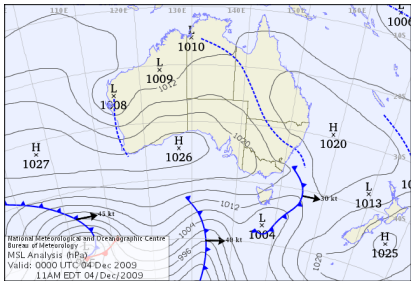
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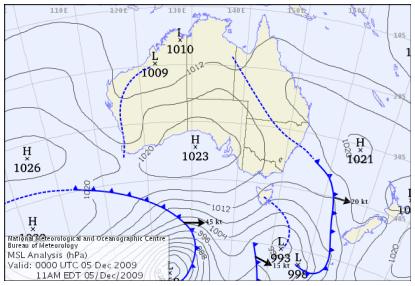
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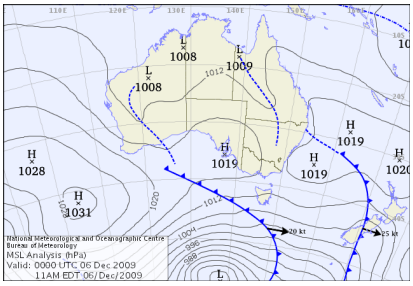
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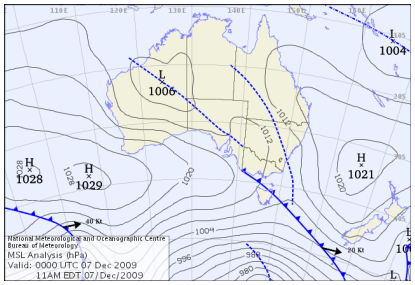
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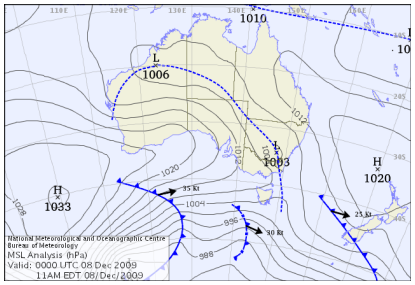
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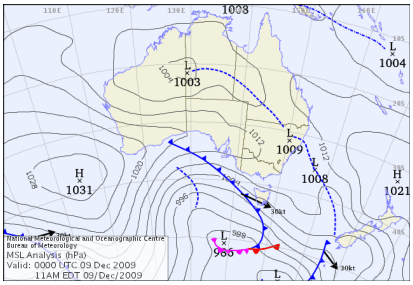
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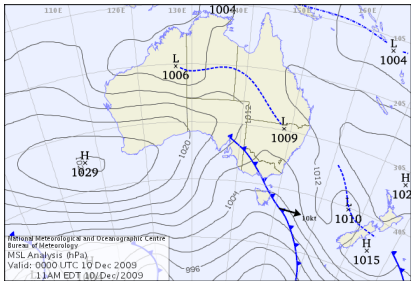
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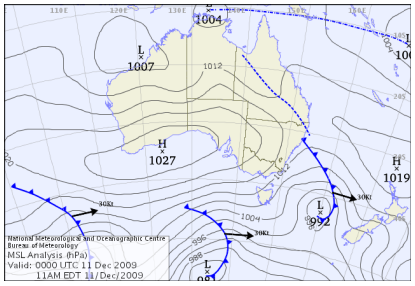
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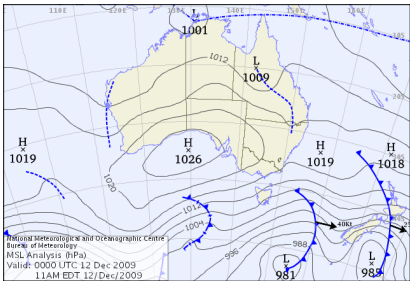
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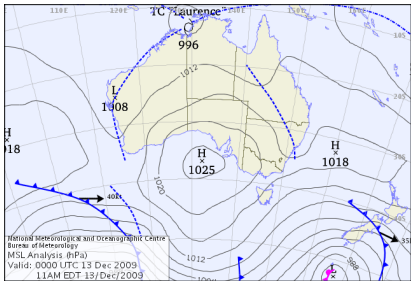
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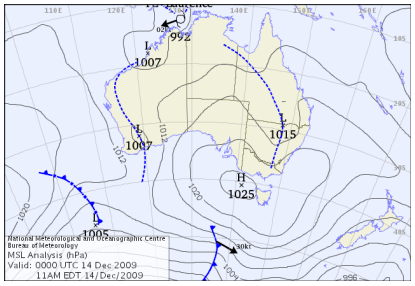
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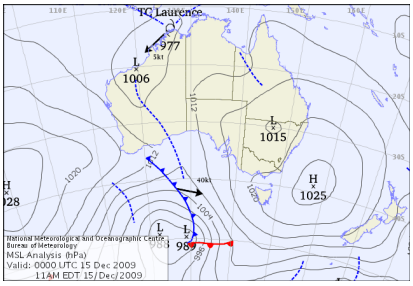
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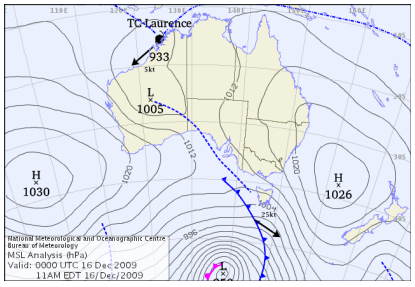
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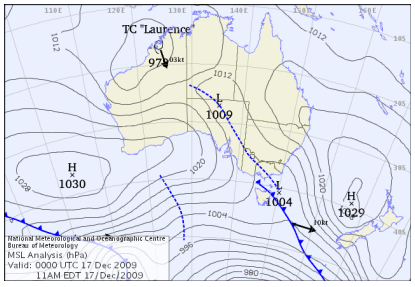
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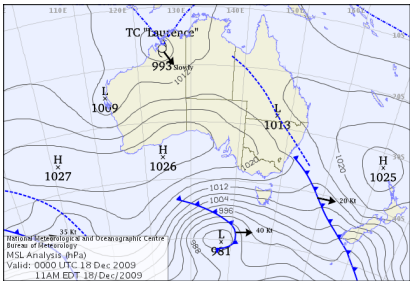
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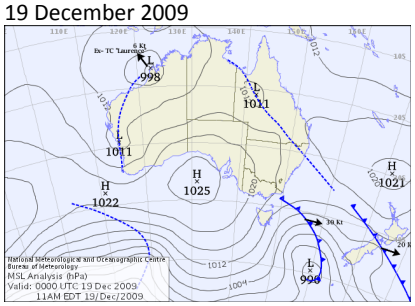
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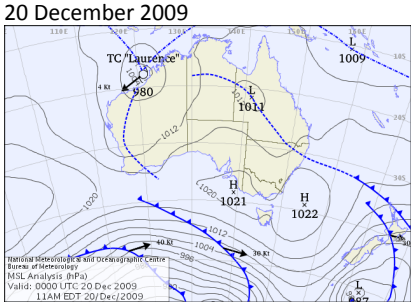
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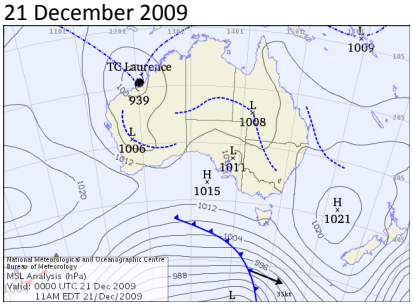
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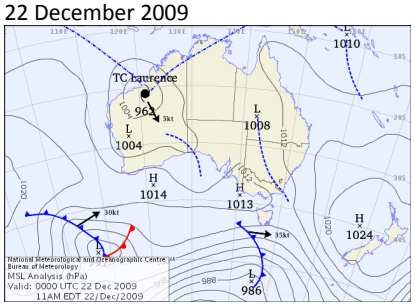
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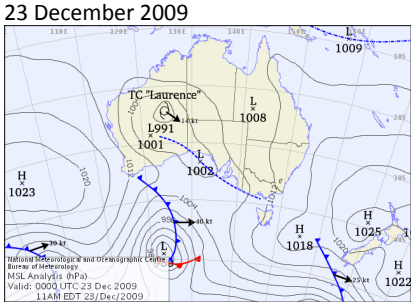
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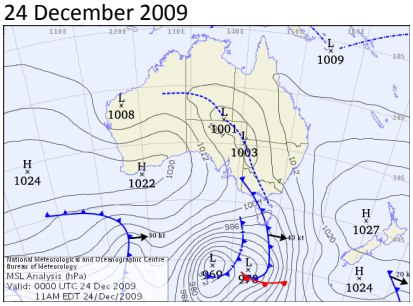
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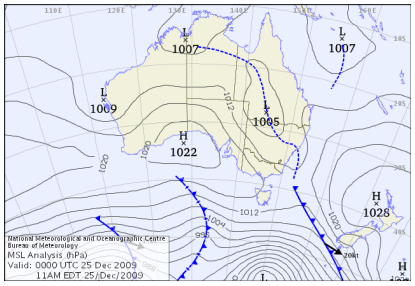
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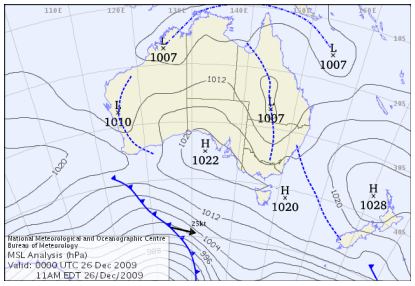
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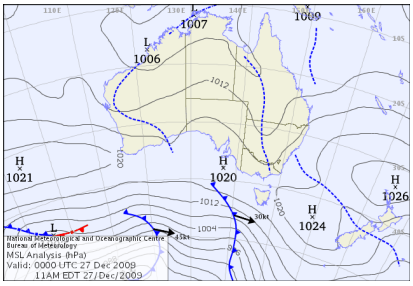
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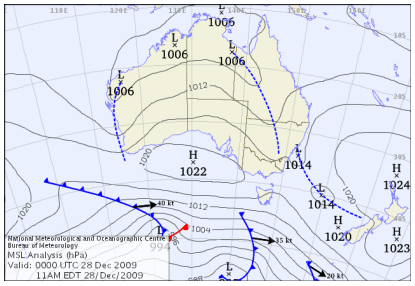
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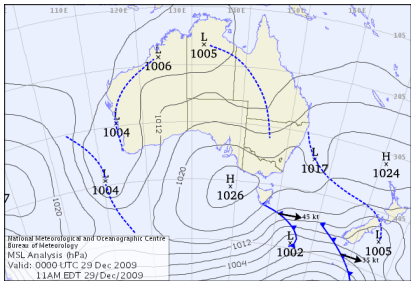
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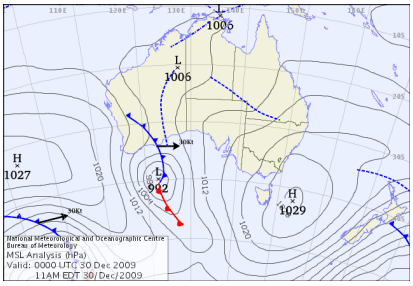
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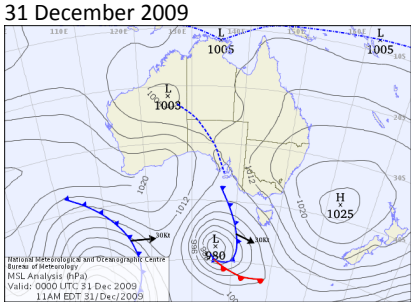
29 December 2009



30 December 2009



31 December 2009



Temperatures

The mean temperature for WA in December 2009 was very much above average and ranked as the 3rd highest since comparable records began in 1950. Above to very much above average conditions were observed over much of the state apart from the southern SWLD, northeast Interior and most of the Kimberley. Western parts of the Gascoyne and parts of the Pilbara reported their highest December mean temperatures on record. Averaged across WA as a whole, the mean temperature for December 2009 was 29.0 °C, which is 1.0 °C above normal.

New temperature records

Record highest December daily maximum temperature

	New record	Old record	Years of record
Kellerberrin	46.3 on the 29th	45.0 on the 19th in 1954	97
Carnamah	45.2 on the 29th	44.5 on the 26th in 2007	68
Kimberley Res.Station	44.0 on the 6th	43.9 on the 16th in 1985	57
Dalwallinu Comparison	44.6 on the 29th	44.0 on the 23rd in 1997	55
Bencubbin	45.3 on the 29th	44.6 on the 20th in 1987	51
Eucla	45.4 on the 15th	45.0 on the 9th in 1960	48
Warmun	45.7 on the 7th	45.1 on the 7th in 1986	47
Merredin	44.5 on the 29th	43.6 on the 23rd in 1997	44
Wongan Hills	45.0 on the 29th	43.5 on the 20th in 2002	43
Esperance	44.9 on the 29th	44.4 on the 11th in 1977	41
Narembeen	44.4 on the 29th	44.0 on the 27th in 2007	41
Hyden	47.0 on the 29th	45.2 on the 27th in 2007	37
Paynes Find	46.1 on the 29th	45.1 on the 31st in 1994	31
Goomalling	45.0 on the 29th	44.5 on the 22nd in 2002	30

Record highest December mean maximum temperature

	New record	Old record	Years of record
Roebourne	42.1	41.6 in 1961	91
Geraldton Airport	33.0	32.8 in 1999	68
Jurien Bay	30.9	30.5 in 1972	41
Kalbarri	34.3	33.6 in 2006	37

Record lowest December daily minimum temperature

	New record	Old record	Years of record
Eucla	6.9 on the 9th	7.0 on the 27th in 1977	48

Record highest December daily minimum temperature

	New record	Old record	Years of record
Carnamah	29.2 on the 29th	29.1 on the 27th in 2003	68
Halls Creek Airport	31.8 on the 9th	31.6 on the 15th in 1985	64
Balladonia	27.1 on the 30th	23.7 on the 19th in 2005	45
Karnet	22.6 on the 29th	22.4 on the 17th in 1991	44
Brookton	24.8 on the 29th	24.0 on the 15th in 1989	43

Record highest December mean minimum temperature

	New record	Old record	Years of record
Yeelirrie	22.0	21.9 in 1977	35

Maximum temperatures

With the exception of near average daytime temperatures in small parts of WA, including in the north Kimberley and near the South Coastal coast, December 2009 saw above to very much above average daytime temperatures across much of the state. Mean maximum temperatures were up to 4 °C warmer than normal in the southwest Gascoyne and northwest Central West with mean daily maximum records for December broken at a few coastal sites. Mean maxima in the central northern Pilbara were also notable as Roebourne reported its hottest December in 91 years of record. When averaged over the whole state, December 2009 ranked as the 3rd hottest December in terms of mean maximum temperature since comparable records began in 1950.

Abnormally hot conditions were experienced in the early part of the month in the Kimberley and neighbouring regions with daytime temperature records broken in the east Kimberley on the 6th and 7th. Unusually high temperatures were also observed in northern and eastern parts of the SWLD on the 29th with many locations registering their highest December maximum temperature on record, including 47.0 °C at Hyden, the highest temperature recorded in WA in December 2009.

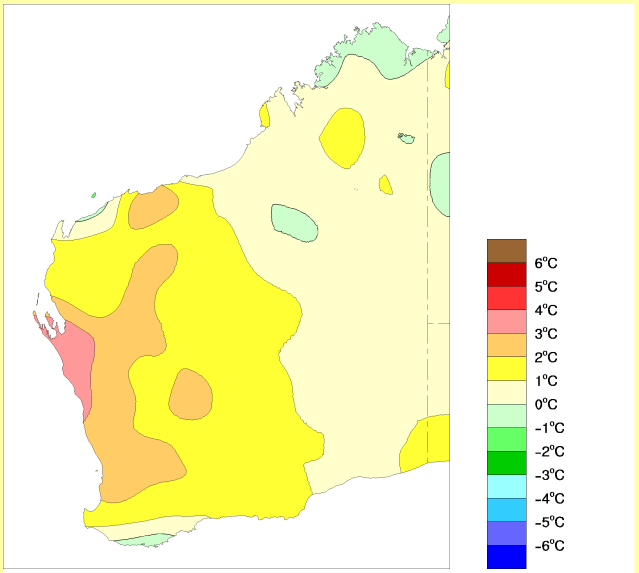
The hottest day was 47.0 °C at Hyden on the 29th, followed by 46.9 °C at both Marble Bar on the 7th and Cunderdin Airfield on the 29th.

The warmest days on average were 42.1 °C at Marble Bar and Roebourne, followed by 41.8 °C at Paraburdoo Aero.

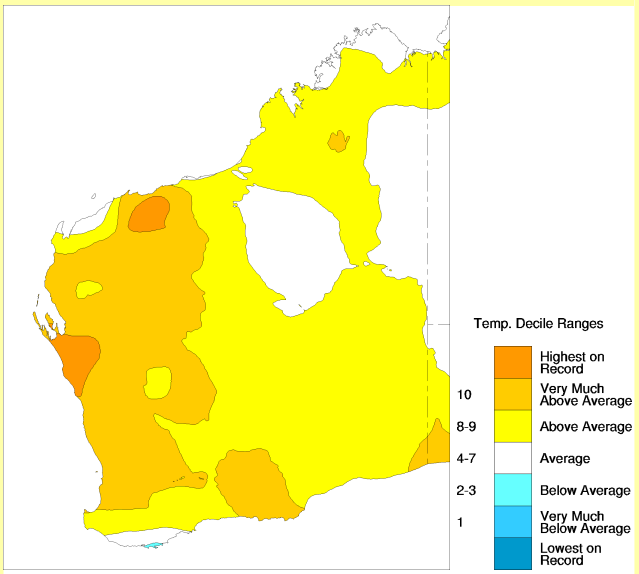
The coolest day was 17.0 °C at Albany on the 16th, followed by 17.4 °C at Albany Airport on the 16th.

The coolest days on average were 20.8 °C at Albany, followed by 22.0 °C at Cape Leeuwin.

Anomalies of mean daily maximum temperature in December 2009



Decile rank of mean daily maximum temperature in December 2009



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

Minimum temperatures

Mean minimum temperatures during December 2009 were above to very much above average over much of WA, with parts of the Gascoyne up to 3 °C above normal. Only small parts of WA recorded below normal mean minima, including in the Kimberley, Interior and southern parts of the SWLD where mean minimum temperatures were to 2 °C below average. Overall, December 2009 ranked as the 4th hottest December on record in WA in terms of mean minimum temperature since comparable records began in 1950.

Abnormally hot conditions in the Kimberley early in the month caused Halls Creek to exceed its highest December minimum temperature on record on the 9th, whilst the high temperatures in southern WA late in December brought record high December minima to a few locations in the SWLD and Eucla on the 29th and 30th.

Although it was generally a very warm month in WA for minimum temperatures, the coolest mornings in the southern half of the state were reported around the 8th to 10th. Unusually low minimum temperatures were reported in the Eucla district on the 9th as Eucla recorded its lowest December minimum on record of 6.9 °C, and Eyre recorded a minimum temperature of 0.2 °C, the second lowest temperature recorded in WA in December. The lowest December minimum in WA is 0.0 °C at Bridgetown on the 7th December 1953.

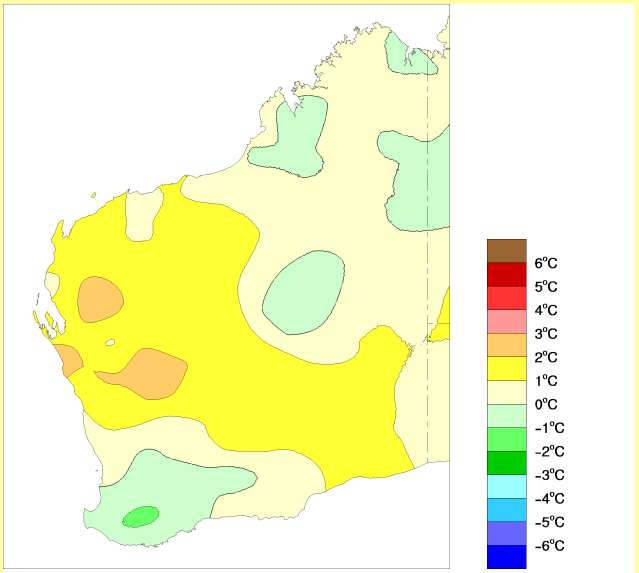
The coldest night was 0.2 °C at Eyre on the 9th.

The coolest nights on average were 9.9 °C at Rocky Gully, followed by 10.2 °C at Bridgetown.

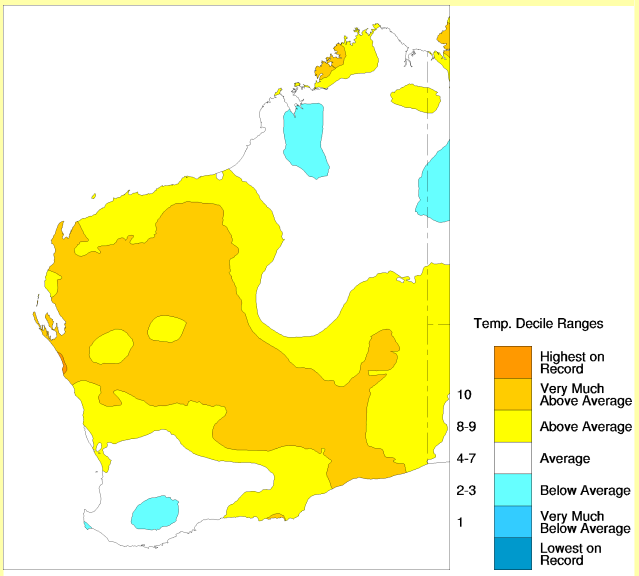
The warmest nights on average were 27.8 °C at Troughton Island with Wyndham on the WA mainland recording 27.2 °C.

The warmest night was 32.9 °C at Wittenoom on the 31st, followed by 32.1 °C at Fitzroy Crossing Aero on the 15th.

Anomalies of mean daily minimum temperature in December 2009



Decile rank of mean daily minimum temperature in December 2009



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

Rainfall

Rainfall was above to very much above average in parts of the north and west Kimberley and the east Pilbara in December 2009, whilst southern and western parts of the SWLD saw below to very much below average rainfall. Averaged over the state as a whole, rainfall in December 2009 in WA was above average.

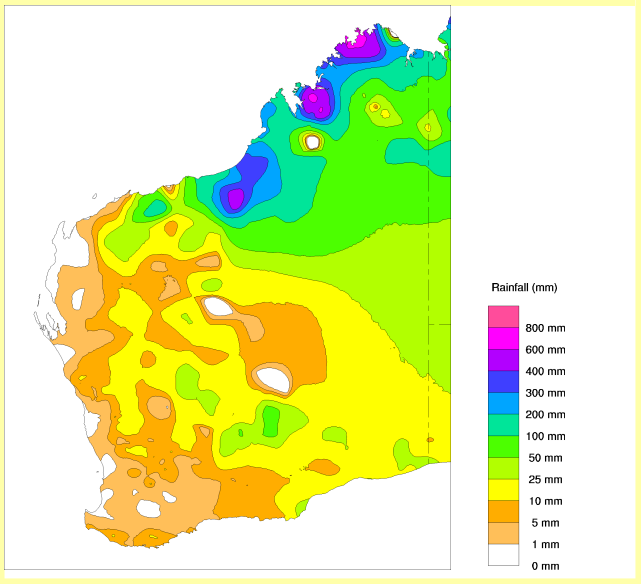
Severe Tropical Cyclone *Laurence* produced moderate to heavy rainfall in the north and west Kimberley and the east Pilbara in mid-to-late December, with several sites in these regions registering their highest daily rainfall amount and highest monthly rainfall total on record for December. Napier Downs (in the Kimberley) recorded a daily rainfall total of 402 mm in the 24 hours to 9 am on the 18th which is the 2nd highest WA December daily rainfall on record. Several monthly totals of over 600 mm were recorded in the north and west Kimberley for December 2009.

Very dry conditions were experienced in western and southern parts of the SWLD, with numerous sites recording no rainfall for the month. The Lower Southwest (southwest of a line from Jurien to Bremer Bay) saw its 10th driest December on record.

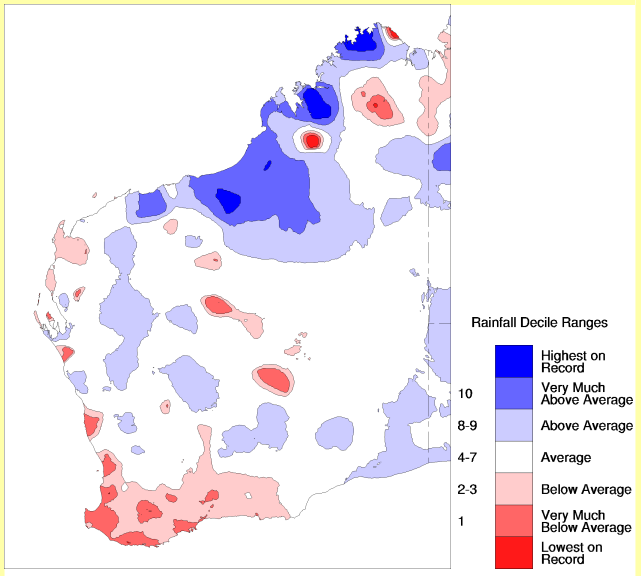
The wettest overall was 717.2 mm at Troughton Island with Truscott on the WA mainland recording 641.2 mm.

The wettest single day was 402.0 mm at Napier Downs on the 18th, followed by 313.4 mm at Troughton Island on the 18th.

Total rainfall in December 2009



Decile rank of total rainfall in December 2009



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

New rainfall records

Record highest December daily rainfall

	New record	Old record	Years of record
Kimberley Downs	310.6 on the 18th	162.0 on the 15th in 1996	91
Yarrie	140.0 on the 22nd	118.0 on the 19th in 1996	90
Mandora	172.0 on the 22nd	161.8 on the 21st in 1995	88
Warrawagine	244.5 on the 22nd	190.4 on the 15th in 1998	87
Beagle Bay	180.8 on the 19th	156.5 on the 10th in 1919	83
Napier Downs	402.0 on the 18th	237.7 on the 16th in 1950	83
Theda	176.0 on the 16th	161.0 on the 11th in 1998	43

Record highest December total rainfall

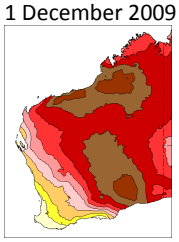
	New record	Old record	Years of record
Kimberley Downs	610.0	368.4 in 1998	99
Mandora	291.8	271.6 in 1998	97
Napier Downs	578.2	495.3 in 1950	86
Theda	632.1	524.2 in 1996	42

Record lowest December total rainfall

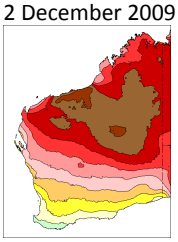
	New record	Old record	Years of record
Grassmere	3.6	4.9 in 1915	106
Roleystone	0.0	0.2 in 1997	42

Daily maximum temperature for December 2009

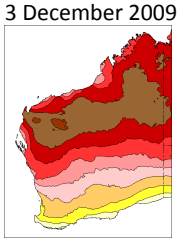
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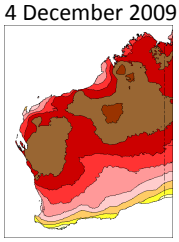
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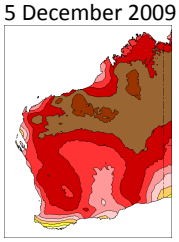
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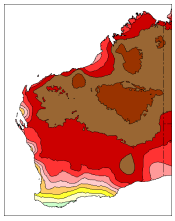
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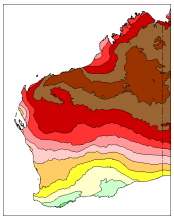
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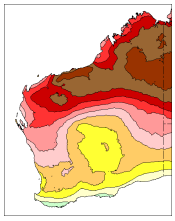
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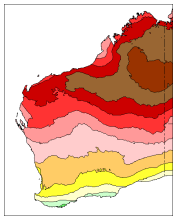
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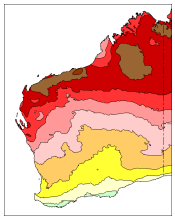
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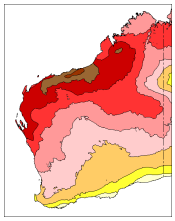
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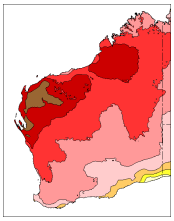
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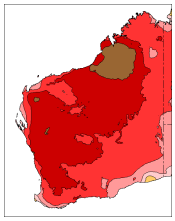
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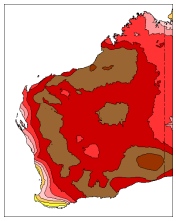
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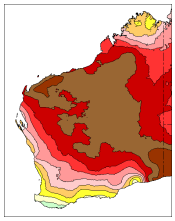
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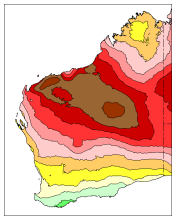
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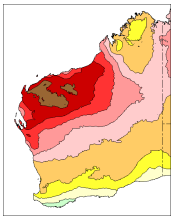
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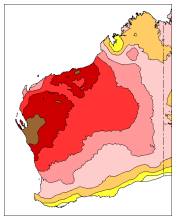
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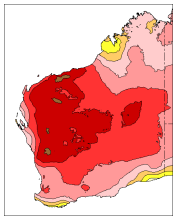
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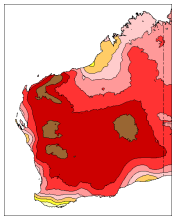
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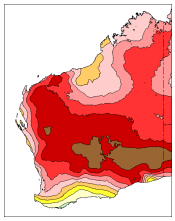
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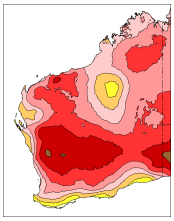
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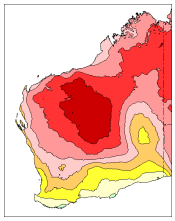
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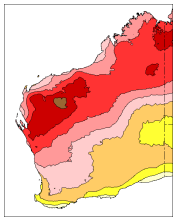
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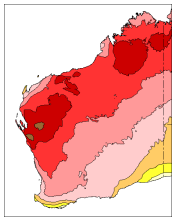
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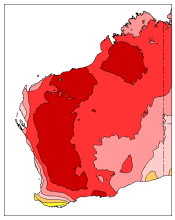
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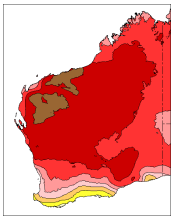
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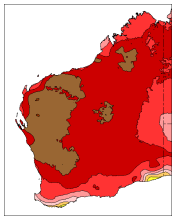
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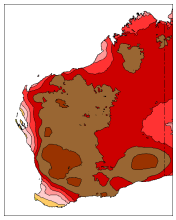
27 December 2009



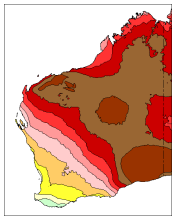
28 December 2009



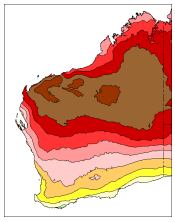
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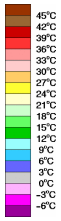


30 December 2009



31 December 2009

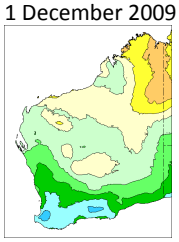




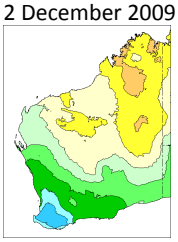
These maps are presented to give a statewide overview of conditions on each day through the month. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

Daily minimum temperature for December 2009

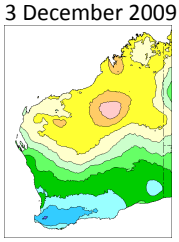
1 December 2009



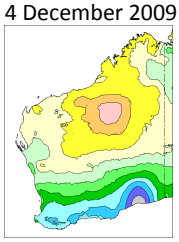
2 December 2009



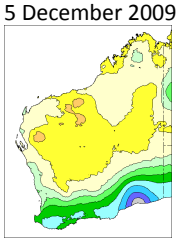
3 December 2009



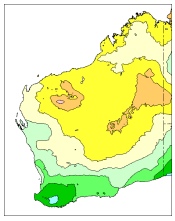
4 December 2009



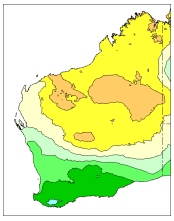
5 December 2009



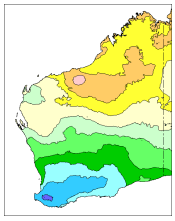
6 December 2009



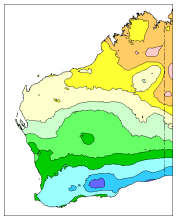
7 December 2009



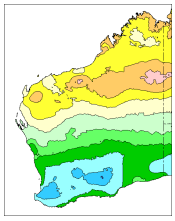
8 December 2009



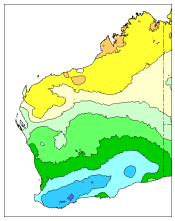
9 December 2009



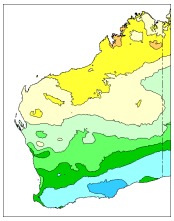
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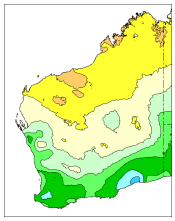
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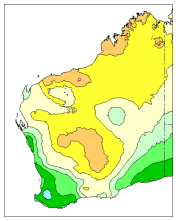
12 December 2009



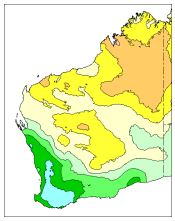
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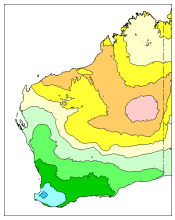
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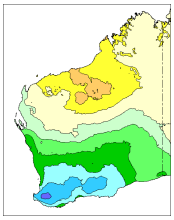
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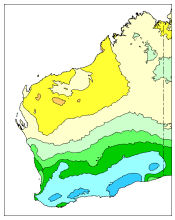
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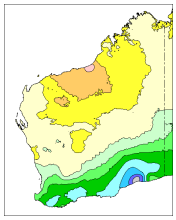
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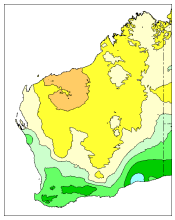
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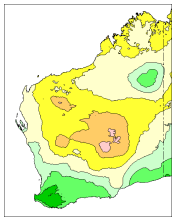
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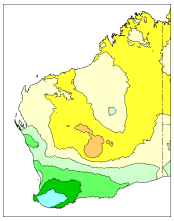
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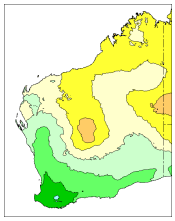
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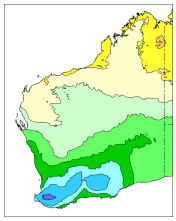
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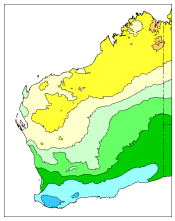
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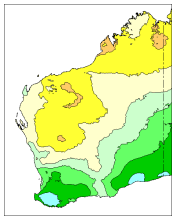
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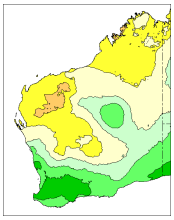
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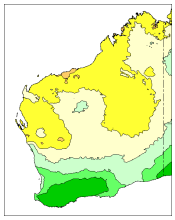
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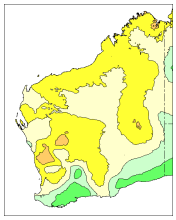
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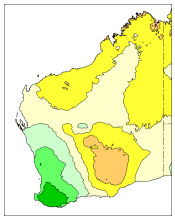
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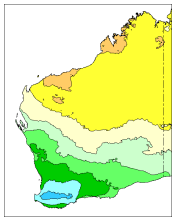
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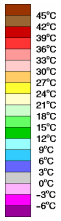


30 December 2009



31 December 2009

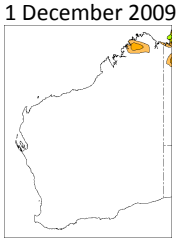




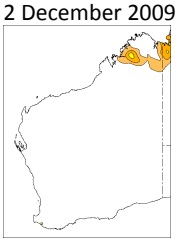
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Daily rainfall for December 2009

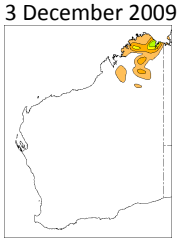
1 December 2009



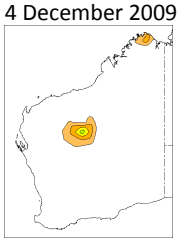
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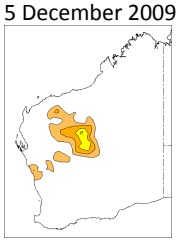
3 December 2009



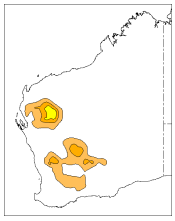
4 December 2009



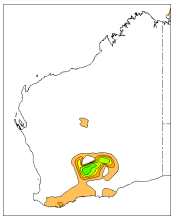
5 December 2009



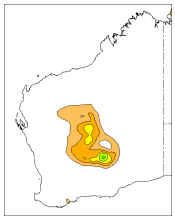
6 December 2009



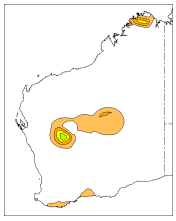
7 December 2009



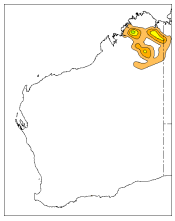
8 December 2009



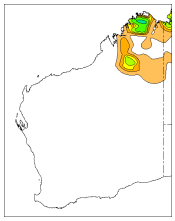
9 December 2009



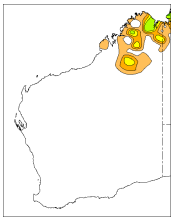
10 December 2009



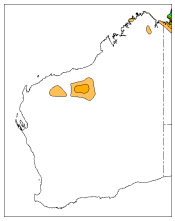
11 December 2009



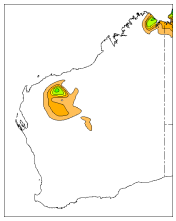
12 December 2009



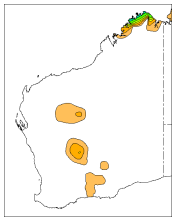
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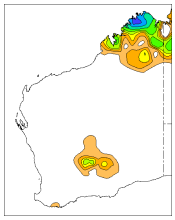
14 December 2009



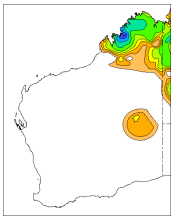
15 December 2009



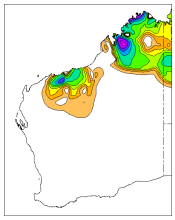
16 December 2009



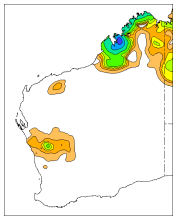
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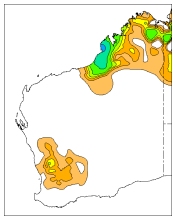
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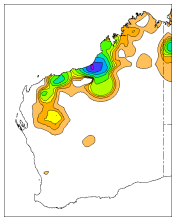
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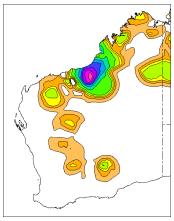
20 December 2009



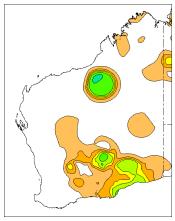
21 December 2009



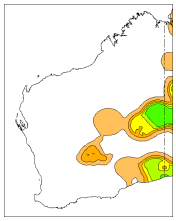
22 December 2009



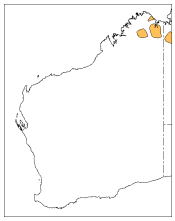
23 December 2009



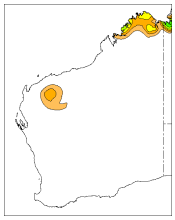
24 December 2009



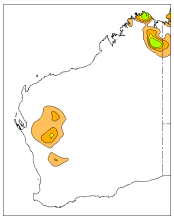
25 December 2009



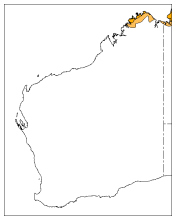
26 December 2009



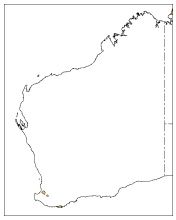
27 December 2009



28 December 2009



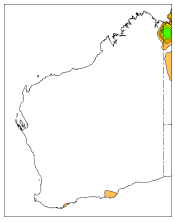
29 December 2009

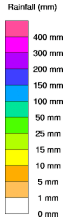


30 December 2009



31 December 2009





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

Summary of observations for Perth in December 2009

Observations and most climatological values are from the "Perth Metro" site at Mount Lawley, except for sunshine, evaporation and phenomena which are taken from Perth Airport. Extremes are captured from a composite of sites including Mount Lawley, former Regional Office sites near the city centre, and Perth Airport.

	Observed this month		Climatological value	
Temperature				
Mean daily maximum temperature	30.8 °C		28.7 °C	
Mean daily minimum temperature	16.5 °C		16.1 °C	
Mean temperature	23.6 °C		22.4 °C	
Mean temperature at 9 am	23.8 °C		22.5 °C	
Mean temperature at 3 pm	28.5 °C		26.7 °C	
Highest temperature	39.6 °C	on the 28th	44.2 °C	on the 26th in 2007
Lowest temperature	13.2 °C	on the 2nd	7.9 °C	on the 7th in 2007
Days 30 °C or warmer	15		10.9	
Days 32 °C or warmer	12		7.4	
Days 35 °C or warmer	8		4.1	
Days 40 °C or warmer	0		0.6	
Nights 5 °C or cooler	0		0.0	
Nights 2 °C or cooler	0		0.0	
Humidity				
Mean relative humidity at 9 am	41 %		50 %	
Mean relative humidity at 3 pm	33 %		74 %	
Pressure				
Mean MSL pressure at 9 am	1015.5 hPa		1014.5 hPa	
Mean MSL pressure at 3 pm	1013.1 hPa		1012.6 hPa	
Wind				
Strongest wind gust	SW 52 km/h	on the 16th	NW 102 km/h	on the 6th in 1944
Mean wind speed at 9 am	12.4 km/h		14.2 km/h	
Mean wind speed at 3 pm	19.6 km/h		19.6 km/h	
Days with gale-force gusts	0		0.2	
Rainfall				
Total precipitation	0.0 mm		13 mm	
Number of rain days	0		4.1	
Wettest day	0.0 mm		46.7 mm	on the 3rd in 1951
Sunshine				
Mean daily sunshine	12.0 hours		11.6 hours	
Evaporation				
Mean daily evaporation	10.0 mm		9.0 mm	
Phenomena				
Days of thunder	0		1.0	
Days of hail	0		0.0	
Days of frost	0		0.0	
Days of fog	0		0.4	
Days with mist or haze	19		17.0	

Daily and mean maximum temperatures for December 2009

Mean is the average of the daily maximum temperature for December 2009; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily maximum temperature for December 2009 and the long-term average maximum temperature for December. **Decile** is the decile rank of mean daily maximum temperature for December 2009 in the climate record of other December mean daily maximum temperatures; “L” indicates this is the lowest on record, and “H” it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The lowest and highest maximum temperatures for each site for December 2009 are highlighted.

North Kimberley (01)	Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Kalumburu	35.5			37.0	38.9	40.3	39.6	39.7	40.3	40.1	39.2	39.0	39.6	34.1	37.5	38.3	36.3	27.1	27.8	27.6	29.7	31.3	32.4	32.0	33.0	33.6	35.2	35.4	35.4	35.6	37.1	36.2	36.7	34.8
Kuri Bay	33.5	−0.5	4	34.5	33.6	34.6	35.1	35.6	35.5	34.9	34.2			33.5	34.5	35.5	36.0	33.9	28.5	29.5	30.5	29.5	31.5	31.5	32.0		32.4	35.0	33.8	34.8	34.0	35.7	35.6	33.6
Mount Elizabeth	35.4			38.8	36.6	39.2	39.4	39.8	40.9	40.9	40.9	40.2	38.4	35.3	34.9	36.1	35.2	28.9	24.7	25.1	26.2	30.2	29.0	30.2	31.9	32.2	35.0	36.9	38.2	36.7	37.4	38.6	40.1	38.4
Wyndham	38.1	−0.1	6	41.5	41.0	41.5	42.8	42.0	43.0	44.0	43.0	43.0	42.5	36.8	36.7	37.0	34.8	28.8	29.9	31.0	29.9	31.5	33.9	36.0	35.0	37.1	39.5	38.2	38.5	38.9	40.2	41.5	42.0	39.0
East Kimberley (02)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Argyle Aerodrome	38.9			39.9	41.5	41.7	42.6	42.6	44.7	44.1	44.4	44.2	40.0	37.0	37.6	38.9	37.3	33.4	30.5	31.9	29.4	33.7	35.8	37.4	37.2	37.6	40.1	40.5	37.3	38.6	40.9	42.0	42.7	40.2
Halls Creek Airport	38.5	+0.6	7	40.9	40.4	41.7	41.3	42.3	43.5	44.6	44.1	44.0	40.6	34.5	37.1	36.2	37.1	37.6	29.5	29.9	29.5	31.2	35.7	37.3	37.7	38.2	38.0	38.9	37.8	38.5	39.6	41.0	42.4	42.4
Kununurra Aero	37.8			38.2	40.0	41.6	41.4	41.9	42.2	43.5	44.4		43.3		35.6	36.4		32.1	29.9		30.6	32.8	33.7	35.7	32.9	35.5	38.6	37.5	37.1	38.4	39.7	40.3	39.3	36.7
Warmun	39.3	+0.8	8	40.9	41.5	42.5	42.5	43.5	45.5	45.7	45.0	44.5	40.0	38.0	38.5	38.5	39.5	34.0	29.9	31.5	29.4	32.5	36.0	37.6	36.9	39.0	40.5	40.9	37.5	38.9	40.0	42.3	44.0	40.2
West Kimberley (03)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Bidyadanga	35.8	+0.9	8	44.5	33.5	33.2	33.7	34.8	35.3	35.5	35.7	35.5		38.5	38.5	40.6	42.5	41.0		37.5	36.0	31.8	27.5	28.8	30.5	31.3	32.1	37.0			41.4	35.0	37.0	37.0
Broome Airport	33.9	+0.1	6	42.0	33.4	34.0	32.6	33.0	33.6	33.4	34.3	32.9	33.3	35.3	38.2	40.1	41.6	36.5	35.9	35.2	32.5	26.8	28.5	29.4	30.7	30.9	31.5	32.0	35.2	34.3	34.5	32.8	32.9	33.2
Curtin Aero	38.7			44.8	40.4	40.4	45.6	43.3	45.0	42.5	43.0	42.1	42.2	42.1	39.6	43.2	42.6	38.9	32.7	26.8	25.7	26.3	30.3	34.1	33.4	35.2	36.6	40.1	41.0	39.3	41.9	41.7		40.1
Cygnet Bay				36.5	35.2	37.0		38.4	38.4	35.6	36.4	35.6	36.0	37.0	36.0	38.1	36.5	36.0	32.0	33.5	29.6	29.5	33.0	34.7	33.5					35.8	36.4	37.8	36.0	
Derby Aero	36.5			39.6	37.1	38.4	40.9	40.5	42.1	38.8	38.8	37.9	39.1	38.4	39.2	42.7	38.7	36.7	31.5	29.7	26.4	26.6	27.9	31.8	31.7	33.0	35.5	38.4	38.7	35.6	37.5	40.1	39.8	37.2
Fitzroy Crossing Aero	40.6			44.6	42.6	43.3	44.6	45.2	45.3	45.6	45.6	45.7	43.9	39.4	39.8	42.6	42.5	41.2	31.2	28.7	33.6	34.4	36.9	37.1	36.6	36.8	37.6	41.1	40.4	40.9	42.1	42.6	43.3	43.1
De Grey (04)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Karratha Aero	38.7			41.3	36.7	34.4	35.3	36.6	40.1	44.8	36.3	38.0	41.8	41.2	37.6	36.6	40.8	44.4	45.2	37.6	37.6	39.0					30.6	32.7	35.4	39.4	42.0	38.6	40.4	40.2
Mandora				43.7	44.9	40.0	38.0	39.0	36.4	39.0	44.6	39.4	43.4	43.5	38.4	41.4	44.5		41.7	40.8	40.0	37.0	27.0											
Marble Bar	42.1			44.4	45.4	43.8	43.6	46.7	46.8	46.9	44.3	44.0	42.2	42.5	40.7	41.1	44.4	44.7	44.3	41.8	39.4	38.8	35.3	29.7	36.1	39.9	39.9	38.9	40.7	41.7	42.7	43.2	44.6	45.8
Pardoo Station	38.8			45.0	44.0	35.4	40.2	41.2	40.5	45.2	44.3	39.0	43.8	43.5	34.9	39.0	40.4	41.0		35.5	40.0	39.0	33.0	29.6	33.3	33.2	33.8	36.5	39.0	42.0	37.4	38.0		36.6
Port Hedland Airport	39.4	+2.7	10	43.9	44.2	34.3	37.6	40.5	39.7	45.1	44.8	40.5	43.7	44.3	35.1	38.7	40.6	42.4	34.9	35.3	40.6	41.0	38.0	35.2	35.2	32.9	32.7	37.2	40.2	42.5	41.0	38.1	42.4	37.9
Roebourne	42.1	+3.1	10	45.1	43.6	39.6	39.8	44.2	43.2	46.8	43.7	40.0	43.9	43.7	38.0	38.9	43.0	46.0	45.1	40.0	39.8	42.1	43.7	40.4	39.2	37.0	34.2	39.7	40.9	43.2	43.3	43.5	46.7	46.0
Fortescue (05)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Learmonth Airport	38.2	+1.4	9	35.8	38.7	43.9	32.9	37.6	39.9	39.0	37.6	41.4	41.9	40.5	41.8	37.7	43.7	44.0	38.2	42.3	35.5	37.6	38.5	34.4	32.8	32.8	33.6	31.0	35.7	36.7	38.9	38.4	40.1	42.6
Mardie	38.5	+0.9	8	39.5	35.6	35.8	34.3	36.5	39.7	42.9	35.4	38.6	42.6	43.1	42.3	37.0	39.9	44.5	44.5	42.2	35.5	38.5	39.7	36.0	32.5	30.9	30.8	33.6	36.1	39.6	40.1	38.5	42.9	45.7
Onslow Airport	37.1	+1.2	9	38.0	34.7	36.5	31.0	32.2	40.6	40.6	34.0	38.5	42.7	39.7	40.7	32.9	37.4	44.4	41.9	40.2	31.9	38.9	39.4	37.7	35.5	30.8	30.1	31.1	33.5	33.9	37.5	36.1	42.8	45.9
Onslow	35.8	+0.6	7	36.4	33.5	34.3	29.6	33.5	37.0	38.5	35.0	38.0	42.0	37.3	37.4	32.1	37.5	44.5	42.4	40.9	31.7	37.0	39.2	35.8	31.3	30.5	28.8	29.8	32.0	32.2	34.2	34.2	41.7	41.8
West Gascoyne (06)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Carnarvon Airport	31.8	+2.5	10	26.9	28.6	33.1	37.3	28.4	28.2	28.3	30.6	32.7	38.0	39.6	40.3	33.1	31.1	31.3	28.8	33.7	38.3	27.1	27.9	28.5	26.6	28.4	31.3	37.7	29.7	36.0	37.8	28.2	29.8	28.8
Denham	30.6			26.2	26.1	28.5	35.1	29.5	31.5	28.6	28.6	29.5	35.2	37.0	39.0	31.3	30.5	28.0	25.4	35.6	39.0	29.7	30.0	28.4	27.0	25.5	30.6	33.2	29.5	33.0	34.5	27.8	26.1	28.6
Emu Creek Station	41.6	+1.8	9	38.0	41.2	45.6	42.5	43.2		42.7	40.4	40.4	40.6	41.6	43.4	42.4	43.0	43.1	38.6	42.5	40.6	41.3	42.4	41.4	36.5	37.0	40.8	37.7	42.4	43.7	44.9	43.0	42.0	43.9
Gascoyne Junction	40.6	+1.9	10	36.7	38.1	44.2	45.0	42.2	42.7	40.8	38.0	38.2	37.5	39.0	41.2	42.2	43.0	40.8	37.7	40.8	43.0	41.7			31.1	35.8	42.0	41.8	41.3	43.6	45.7	42.0	38.1	42.0
Murchison	39.7			35.8		41.2	43.4	41.0	41.2	39.5	35.8	35.8	34.8	36.5	39.2	42.4	43.5	38.8	35.0	36.5	41.5	41.9	42.7	42.0	41.0	35.2		42.0	40.8	40.7	44.4	45.0	33.9	39.0
East Gascoyne (07)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Newman Aero	40.2			40.8	42.0	42.9	40.2	43.5	42.8	42.9	40.6	39.1	36.0	36.7	39.1	39.2	40.8	42.2	43.3	40.9	38.6	39.1	37.7	35.6	35.5	40.2	38.6	37.8	39.4	40.9	41.9		44.0	44.2
Paraburdoo Aero	41.8			40.9	42.9	45.1	43.3	44.2	43.6	42.3	43.1	38.6	38.4	38.6	42.2	38.8		43.3	42.3	43.3	41.1	41.5	41.4		38.4	38.3	42.3	40.6	39.9	43.2	43.8	44.5	42.7	44.6
Murchison (07A)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Meekatharra Airport	38.5	+2.1	10	38.6	36.6	40.2	41.5	37.4	41.2	39.5	32.4	33.6	33.2	33.5	36.8	40.0	40.6	42.2	37.4	34.4	38.3	39.1	41.0	41.2	39.0	37.4	36.1	37.4	39.8	39.9	41.9	43.4	37.8	40.7
Mount Magnet Aero												32.0	30.5	33.1	35.8	40.4	42.9	39.9	33.2	32.9	37.8	39.3	41.8	40.0	40.7	34.6	34.2	36.6	40.1	41.4	42.1	44.5	33.0	37.1
Paynes Find				35.0											37.0	40.3	43.0	38.2			37.4	41.3	42.4	43.2	41.7	33.7	34.5	36.6	39.4	40.5	43.1	46.1	31.4	
North Coast (08)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Carnamah	36.4	+2.9	10	29.8	29.5	36.0	41.0	41.3	38.5	31.0	31.8	30.6	31.0	34.0	37.5	41.8	39.0	34.0	29.0	31.2	37.5	41.2	41.0	41.4	40.0	30.5	34.4	37.5	40.5	39.5	43.0	45.2		33.7
Dalwallinu Comparison	34.7	+1.8	10	29.1	28.0	33.1	39.8	39.8	37.5	29.1	29.7	28.1	28.9	32.8	36.0	39.9	40.1	33.0	27.4	29.4	36.1	38.5	39.3	38.4	39.5	30.2	33.2	36.5	39.7	37.8	42.0	44.6	27.6	31.6
Eneabba				28.9	31.3	37.1	43.6		41.2	34.3	34.2	33.6	33.9				41.6	34.9	30.7	33.6	40.6		40.2	38.0	36.6	30.4					44.5	43.6	28.6	
Geraldton Airport	33.0	+3.5	10	26.3	28.1	34.8	40.8	36.0	28.1	28.8	29.6	30.0	33.1	36.7	38.4	41.6	29.2	27.2	25.7	34.4	39.3	33.0	34.8	29.0	28.0	28.8	36.0	38.8	34.7	38.7	42.2	33.6	26.0	29.8
Kalbarri	34.3	+3.3	10		30.8	36.5	41.9	35.7	35.7	33.0	33.1	32.3	37.0	38.2	40.0	37.5	31.6	29.5	28.2	36.8	43.7	30.6	29.0	29.7	27.6	29.4	37.0	40.4	35.5	38.4	39.6	30.2	28.4	30.7
Morawa Airport	37.4			30.7	31.7	37.1	42.7	41.8	40.2	33.0	33.2	32.1	32.2	35.5	38.4	41.7	41.2	34.9	31.5	33.3	38.6	42.3	42.0	40.9	41.6	33.0	35.2	37.4	40.8	41.3	43.6	46.8	29.9	35.7
Mullewa	37.2	+2.8	10	31.0	31.5	37.8	43.0	39.0	38.6		34.6	32.9	33.0	36.1	38.5	41.2	39.5	34.0	31.5	34.5	39.6	40.1	41.0	37.0	38.0	33.2	36.1	38.3	40.5	41.6	43.3	44.3	30.5	36.2
Wongan Hills	34.5	+2.1	10	29.2	28.2	32.2	39.5	41.2	35.9	29.2	30.5	28.7	28.8	33.7	36.7	39.8	39.3	32.2	26.2	29.0	36.5	33.7	39.6	37.2	39.5	31.0	32.8	37.2	40.2		42.2	45.0	28.5	31.5
Central Coast (09)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Badgingarra Research Stn	34.1	+2.2	9	26.3	27.0	33.1	40.2	40.2	34.2	30.2	31.0	29.8	30.6	33.4	37.1	40.1	32.9	29.6	26.6	29.3	37.7	38.1	38.2	37.3	36.5	26.5	33.9	38.8	38.2	38.4	41.7	43.5	24.9	31.6
Bickley	30.3			22.3	22.7	28.7	33.3	35.8	30.9	26.2	27.0	28.9	26.0	29.9	35.0	37.2	30.8	26.6	22.8	26.1	31.8	34.1	35.1	33.9	32.3	25.8	28.9	33.1	34.8	33.6	37.4	39.2	23.4	26.3
Gingin Aero	32.7			25.7	24.4	30.8	37.2	39.1	32.6	29.8	27.9	28.4	29.6	33.2	37.8	41.1	31.2	27.9	25.5	29.6	35.8	35.8	37.0	35.8	34.0	25.8	32.7	35.0	37.2	34.3	41.4	43.7	24.7	29.6
Gosnells City	32.9			25.0	24.3	29.5	37.2	38.0	33.4	29.0	28.2	30.0	29.2	33.0	38.2	40.2	31.0	28.2	25.5	28.8	34.6	38.5	37.8	37.3	33.3			36.0	37.0	35.5	40.5	41.4	25.9	28.3
Jandakot Aero	31.5			24.8	23.8	28.2	35.0	36.4	31.5	29.5	26.8	30.1	28.7	32.0	36.9	39.6	29.3	27.9	25.0	29.4	34.5	36.9	35.8	34.4	32.2	26.0	29.1	35.3	35.0	33.2	39.4	36.9	25.3	26.9
Jurien Bay	30.9	+2.9	H	24.5	24.8	31.8	37.0	33.6	26.2	28.0	28.2	29.0	30.0	35.3	37.6	35.0	26.6	25.6	24.0	31.8	38.6	34.8	33.2		29.4	27.0	31.8	29.7	27.4	35.8	38.0	38.5	25.0	30.0
Karnet	30.1	+1.9	9	22.0	23.5	27.4	34.0	35.3	31.0	27.0	27.2	26.7	26.4	30.0	34.4	36.7	31.6	26.8	23.0	26.2	31.5	34.4	35.0	33.2	33.0	26.1	28.5	32.8	34.8	33.7	36.7	31.9	25.7	26.3
Lancelin	29.9	+2.7	10	24.0	24.3	29.6	33.7	31.0	25.5	26.0	28.5	24.5	28.0	34.0	38.0	40.0	25.0	25.5	23.0	29.0	37.0	32.7	28.3	27.0	30.0	30.0	29.5	33.0	27.8	31.0	40.0	40.5	23.5	27.0
Medina Research Centre	30.0			24.0	22.5	28.0	33.3	35.2	28.9	29.0	25.3	29.4	26.5	31.5	37.2	40.0	28.3	25.6	23.5	29.6	34.4	37.4	33.0	31.8	31.2	24.5	27.0	34.5	33.0	30.0		35.1	24.5	26.0
Pearce RAAF	33.0	+2.8	10	25.7	25.3	30.3	36.7	39.2	33.5	29.0	29.1	29.6	28.8	32.3	37.1	40.6	32.4	28.6	26.4	29.3	35.0	35.7	37.8	36.9	35.0	27.1	32.6	35.5	37.4	35.4	40.8	43.4	25.6	29.7
Perth Airport	32.0	+3.1	10	24.7	24.3	29.3	35.8	37.2	32.3	29.5	28.3	29.7	28.4	32.3	37.1	39.0	28.5	28.1	25.5	29.1	34.8	37.2	36.5	34.2	32.6	26.9	30.8	36.2	35.1	32.6	40.2	42.7	25.5	27.6
Perth Metro	30.8			24.0	22.6	27.9	34.5	36.9	29.5	28.9	25.1	29.4	26.5	31.8	37.0	39.2	28.5	25.7	24.1	28.9	34.1	37.1	35.5	32.3	31.3	23.9	29.1	35.1	34.1	31.9	39.6	39.4	24.0	26.6
Rottnest Island	25.4			22.9	20.8	22.8	25.4	28.2	23.2	24.2	21.0	21.7	22.1	27.4	33.4	34.3	23.8	22.8	20.9	22.8	28.4	33.9	25.8	24.7	23.8	22.4	22.7	24.6	24.7	27.6	35.3	31.8	22.4	22.0
Swanbourne	29.1			23.5	22.1	27.8	33.5	30.0	26.8	29.5	24.1	24.5	26.3	32.1	36.6	37.9	25.2	25.2	24.1	29.0	34.8	35.4	30.2	28.1	29.4	24.0	28.5	31.4	29.7	28.9	39.3	34.2	24.0	26.6
South Coast (09A)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Albany Airport	22.7	−0.4	4	23.4	19.8	20.8	22.1	22.1	19.6	17.8	18.3	18.1	20.4	22.3	29.4	38.7	23.0	20.5	17.4	20.0	22.7	25.8	20.6	21.3	22.5	20.9	22.4	24.4	24.0	23.7	28.8	30.6	20.1	20.9
Albany	20.8	−1.1	2	22.6	18.5	19.5	20.0	20.6	18.8	18.7	17.8	17.8	18.5	21.5	24.0	30.2	20.6	19.5	17.0	19.2	21.2	21.9	19.8	20.6	20.4	19.8	20.5	21.5	22.2	22.6	24.0	26.9	19.6	19.5
Bridgetown Comparison	29.1	+1.6	8	23.7	22.5	26.9	33.1	33.4	24.5	24.5	24.4	24.6	24.7	31.4	35.1	37.5	33.0	23.5	22.0	26.2	32.0	34.6	30.4	30.2	31.5	24.5	30.2	32.1	32.4	32.4	37.2	33.0	22.5	28.0
Bunbury	29.1			22.7	22.3	24.6	31.5	35.5	29.0	27.1	27.5	27.4	25.2	27.3	32.3	32.4	28.1	24.9	24.4	28.1	32.1	35.5	35.9	33.6	30.4	26.9	24.5	31.1	33.6	28.3	35.7	34.0	26.3	24.0
Cape Leeuwin	22.0	+0.2	6	20.0	21.1	20.9	21.6	21.9	21.2	20.6	19.8	20.6	20.5	21.8	26.6	24.3	22.2	20.9	20.0	20.4	22.7	22.9	22.2	21.6	21.9	22.0	22.0	22.2	22.9	23.8	26.4	23.8	21.4	21.7
Cape Naturaliste	25.4	+1.9	9	22.7	20.3	21.6	24.7	29.3	26.8	26.4	22.4	25.8	22.6	25.9	31.1	31.1	22.5	22.6	20.3	24.5	26.9	32.8	27.8	30.4	26.2	21.8	22.0	24.6	24.3	25.0	33.1	27.1	22.0	22.6
Donnybrook	30.2	+2.0	9	24.1	23.7	28.2	33.6	35.7	27.7	26.4	27.0	27.0	27.3	31.5	35.5	38.1	34.0	25.2	24.0	28.0	32.7	36.0	34.6	32.6	33.3	26.3					38.2	32.0	25.0	27.9
Dwellingup	30.2	+3.0	10	22.7	22.7	27.7	33.7	36.0	29.9	26.6	27.2	26.6	26.8	30.3	34.8	37.6	32.0	26.1	22.0	26.9	32.0	35.8	35.8	33.7	33.1	27.2	28.9	33.1	34.9	33.4	37.3	29.9	25.5	26.7
Esperance	26.6	+2.1	10	22.2	21.6	21.2	24.3	26.7	22.6	20.4	20.2	19.5	21.2	22.8	30.2	37.0	44.0	22.9	20.9	21.3	24.9	31.2	33.7	21.9	23.9	22.1	23.1	31.8	39.3	24.3	36.8	44.9	25.0	22.2
Harvey	30.9			23.2	23.0	26.8	34.0	36.5	31.0		28.2	27.5	27.5	30.7	35.4	37.2	31.5	26.2	24.5	30.0	32.0	37.2	37.0		33.0	28.0	27.5	33.8	35.5	33.0	38.8	32.0	28.8	26.2
Hopetoun North	23.8			23.3	21.9	20.8	22.0	22.9	22.4	20.8	19.7	20.1	20.7	22.5	34.1	38.0	26.7	23.3	19.3	20.5	23.1	25.7	23.4	21.5	22.3	23.5	21.6	25.1	26.5	23.5	23.6	30.8	25.7	21.7
Jarrahwood	28.9			23.9	23.3	26.5	31.5	33.3	25.1	25.0	24.5	25.1	26.5	30.1	34.3	36.7	32.0	23.2	22.7	26.0	31.0	35.0	31.7	30.0	31.5	24.5	29.5	32.2	31.9	32.2	37.2	30.0	23.0	27.7
Mandurah	28.5			23.7	22.3	24.9	32.6	33.9	28.0	28.4	24.3	27.4	24.3	28.7	31.9	32.9	26.4	25.0	23.0	28.9	32.6	34.1	32.4	31.7	28.6	24.3	24.5	30.7	30.9	30.1	36.3	32.1	24.8	24.7
Manjimup	26.3	+1.5	8	21.8	20.2	24.1	29.2	29.8	22.0	22.2	21.6	21.6	22.1	28.6	33.9	36.9	29.2	21.1	20.1	22.7	29.5	32.1	25.7	26.6	28.7	21.9	26.9	30.9	28.9	28.0	36.3	28.3	19.2	25.1
North Walpole	22.4			21.2	19.4	19.9	21.6	21.9	20.0	19.8	18.7	19.5	19.3	23.0	30.9	33.6	22.7	20.4	19.2	20.1	24.4	25.1	21.8	21.5	22.0	21.3	21.7	22.4	23.6	23.5	27.8	28.5	19.9	20.7
Pemberton	25.2	+1.4	8	21.5	20.1	22.3	27.6	27.0	21.8	22.0	21.1	21.0	22.0	27.7	33.1	35.1	26.1	20.2	19.6	21.8	28.5	31.0	24.2	24.9	26.3	21.4	24.5	29.5	27.8	27.2	34.5	28.8	19.7	23.0
Rocky Gully	26.0			23.0	21.4	24.6	28.9	27.8	20.6	21.7	22.0	21.5	22.2	28.2	34.3	38.1	28.4	20.1	19.0	21.8	28.3	31.7	22.3	23.8	27.6	23.1	26.7	31.1	28.0	28.0	35.1	29.8	20.9	25.3
Shannon	24.6			20.8	19.0	21.4	27.1	26.5	21.1	20.3	20.4	19.9	21.6	27.7	33.4	35.6	25.9	20.0	18.1	20.3	28.0	30.6	22.9	24.2	26.5	21.5	24.4	29.1	27.4	26.6	34.1	26.9	19.0	23.2
Windy Harbour				21.6	19.7			21.2	19.5			18.9	19.1			26.5	20.6	19.7	18.3	19.7	22.2	22.4	21.3	20.9	20.5	19.8	20.6	20.6			24.5	26.5	19.2	19.8
Witchcliffe	25.0			21.2	20.8	22.4	25.2	25.1	22.4	22.8	21.4	21.2	22.7	27.5	33.6	33.0	26.3	22.0	20.2	22.2	27.6	27.9	25.4	23.5	24.4	22.6	24.0	28.3	26.5	27.4	32.9	28.4	21.2	23.8
North Central (10)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Bencubbin	34.2	+1.8	9	29.3	29.8	31.7	38.4	39.1	36.2	27.9	29.3	27.5	27.9	31.8	35.5	39.0	41.4	32.8	26.5	28.5	34.9	37.7	39.3	36.8	40.1	29.5	31.9	35.0	39.3	36.6	42.0	45.3	29.0	30.6
Cunderdin Airfield	34.7			30.1	28.1		38.0	41.8	35.4	28.7	29.7	29.5	28.6	32.0	36.4	41.2	41.8	32.8	26.7	28.1	34.8	36.2	39.6	36.6	38.5	30.5	32.3	35.5	41.7	36.5	41.9	46.9	30.1	30.8
Merredin	34.1	+2.2	9	29.2	27.5	31.7	37.2	38.2	35.0	28.0	30.1	28.8	28.0	31.5	34.5	38.8	42.1	33.7	27.0	28.8	33.5	36.0	39.2	35.3	38.6	30.3	32.5	35.5	40.4	37.3	42.3	44.5	29.7	31.3
Northam	34.4	+2.3	10	27.6	28.4	31.1	38.0	41.1	35.5	29.1	30.5	29.8	28.9	32.8	36.8	40.8	39.0	31.8	27.7	28.8	35.5	34.0	39.9	36.9	38.1	30.5	32.9	36.3	40.4	37.0	41.0	45.4	29.5	31.0
York	34.0			28.0	28.0	30.0	37.0	41.5	35.4	28.4	29.7	29.0	28.0	32.2	36.5	41.0	38.5	33.0	26.5	28.0	34.5	33.5	39.4	36.2	37.0	30.0	32.0	36.0	40.5	36.3	41.0	45.5	29.4	30.5
South Central (10A)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Beverley	34.2	+2.1	9	27.6	27.4	30.4	37.6	41.0	35.2	29.4	31.0	30.2	28.4		36.4	41.0	38.6	32.8	27.8	29.0	35.0	35.0	38.0	36.4	36.8	30.2	32.6	35.0	40.4	37.0	40.4	44.0	29.6	30.8
Brookton	33.0	+2.0	9	27.1		29.0	35.8	39.9	32.8	27.5	28.5	28.0	27.6	31.2	35.5	39.9	39.2	31.8	24.9	27.3	33.1	35.6	37.7	34.5	35.0	28.2	31.1	34.8	39.2	35.0	39.0	43.2	28.1	29.3
Corrigin	32.7	+2.3	10	29.3	26.2	28.8	35.7	39.9	32.6	25.7	28.3	27.6	26.7	30.6	34.5	39.5	40.4	32.6	25.5	26.4	32.3	35.7	38.6	32.3	37.2	28.7	31.1	33.4	39.7	34.9	39.5	43.7	27.7	29.6
Hyden	34.0	+2.2	9	30.5	26.5	29.8	36.1	41.0	34.6	26.0	29.0	28.2	27.0	31.5	36.5	40.7	42.5	33.0	26.5	27.5	34.0	38.5	40.5	31.2	38.5	29.5	33.0	35.0	41.0	35.5	42.4	47.0	29.1	31.0
Jacup	27.7			29.1	23.8	25.7	27.0	29.8	22.4	18.6	22.8	22.1	22.0	26.6	33.4	38.8	39.4	26.7	18.6	21.5	25.5	33.5	30.8	22.8	24.9	25.3	27.8	30.7	37.3	27.1	31.9	40.3	26.9	24.1
Katanning Comparison	30.0	+1.6	9	26.2	24.0	28.0	32.6	35.4	27.6	23.0	26.4	25.0	25.0	29.6	34.4	39.0	37.0	26.0	21.7	25.4	30.4	34.4	34.0	30.4	32.6	25.7	30.0	33.5	34.5	32.4	36.7	34.3	27.0	28.0
Lake Grace Comparison	30.9	+1.2	8	28.9	24.6	27.8	33.6	39.2	28.0	23.9	26.6	25.1	24.6	30.0	34.7	39.0	40.2	29.6	21.0	25.0	31.6	33.4	37.1	28.0	33.5	26.1	29.6			38.7	39.0	42.5	25.2	29.5
Narembeen	34.1	+2.2	10	30.0	27.2	30.9	36.6	40.5	33.4	27.5	29.5	29.0	27.5	32.1	36.0	40.0	41.1	33.3	26.4	28.5	34.8	36.5	39.5	33.3	38.0		32.1	34.6	40.3	36.3	41.0	44.4	29.9	
Narrogin	31.0	+2.1	9	25.7	24.2	28.0	34.0	37.0	29.5	25.3	27.0	26.0	25.7	30.2	34.6	39.0	37.3	29.0	23.1	25.8	31.0	34.6	36.2	31.6	32.9	26.9	30.0	33.9	37.3	33.2	37.6	40.5	24.8	27.9
Ongerup	28.3	+1.1	8	27.8	23.8	26.9	29.5	30.9	24.4	18.1	24.5	23.5	22.6	28.6	34.0	38.6	37.7	27.5	19.5	22.0	28.5	33.6	30.2	23.6	28.2	25.2	29.0	31.7	34.2	29.0	35.2	37.2	25.6	26.0

Daily and mean maximum temperatures for December 2009

Mean is the average of the daily maximum temperature for December 2009; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily maximum temperature for December 2009 and the long-term average maximum temperature for December. **Decile** is the decile rank of mean daily maximum temperature for December 2009 in the climate record of other December mean daily maximum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The lowest and highest maximum temperatures for each site for December 2009 are highlighted.

Pingelly	31.9	+2.0	9	26.2	25.2	28.2	34.9	39.3	31.6	26.4	27.6	26.6	27.0	30.6	34.6	39.7	38.2	31.0	24.4	26.0	31.7	33.5	37.9	33.2	34.3	27.9	30.6	34.6	38.9	34.2	38.1	41.3	26.9	29.3
Ravensthorpe	28.1	+0.8	7	29.2	22.6	24.7	27.8	34.8	23.0	19.9	22.3	20.8	21.3	26.8	32.8	38.3	41.6	24.7	17.8	21.9	27.4	34.9	33.4	21.2	28.4	22.5	28.0	31.0	37.9	26.3	35.5	42.5	26.2	24.8
Wagin	30.9	+1.7	9	26.7	24.6	27.7	33.9	36.8	28.9	24.6	27.2	25.8	26.0	30.6	35.7	39.6	37.6	27.9	22.6	26.0	31.1	36.9	35.6	31.6	33.2	26.5	30.6	33.5	36.5	33.2	38.1	35.0	25.8	28.6
Wandering	32.5			26.3	25.0	28.8	35.8	38.9	32.0	27.5	29.0	27.5	27.8	31.4	35.9	40.0	37.6	30.8	24.2	27.1	32.8	36.8	37.7	34.6	35.2	28.3	31.6	35.4	38.5	34.7	39.1	39.7	27.4	29.7
Eucla (11)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Balladonia	32.0	+1.8	9	41.0	27.0	27.0	31.0	36.0	38.0	21.2	26.1		24.0	27.2	30.7	36.1	42.0	34.2	21.8	23.8	29.0	33.8	39.0	35.1	32.6	24.0	27.5	31.0	35.6	38.0	38.0	42.1	40.5	26.8
Eucla	27.7	+2.9	10	38.2	22.9	21.6	22.5	27.3	32.8	23.6	21.1	21.3	22.7	22.2	22.4	31.5	40.1	45.4	23.0	21.5	22.0	23.7	30.5	32.1	32.1	20.9	21.4	22.1	30.0	31.1	26.4	39.2	43.5	22.6
Eyre	29.0	+3.7	10	43.0	24.0	22.7	26.1	38.0	38.7	23.0	21.5	23.0	22.6	22.1	27.0	33.1	39.6	23.6	22.5	22.5	24.0	26.6	27.9	38.3	24.7	21.6	23.0	26.0	33.0	35.6	35.8	41.4	46.1	23.1
Forrest	32.5			39.2	30.3		30.1	32.7	35.5	29.3	25.8	27.1	24.8	27.1	31.1	34.4	39.8	44.3	32.9	24.4	30.0	33.2	37.2	42.6	38.1	20.1	23.3	27.0	30.9	35.9	38.6	40.0	43.2	27.3
South East (12)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Bulga Downs	37.5			39.5	35.5	34.5	40.5	41.0	41.5	35.2	27.0	32.0	30.5	31.2	35.5	40.1	39.5	42.5	36.0	31.0	36.7	39.2	41.2	42.8	41.3	35.8		38.5	41.2	41.5	43.5	35.8	36.1
Kalgoorlie-Boulder Airport	33.5	+1.5	10	40.5	30.0	29.0	34.4	35.2	39.3	23.7	26.3	25.5	24.2	27.8	31.3	38.0	41.0	39.9	27.5	26.8	30.5	35.7	41.0	41.7	39.9	26.2	29.5	31.7	36.1	39.2	39.9	42.2	35.1	29.9
Laverton Aero	35.5			42.3		32.7	35.6	35.6	39.6	32.4	26.5	30.2	26.8	29.3	34.6	38.5	40.8	41.0	31.7	29.0	32.5	37.6	40.5	41.4	39.9	36.1	28.9	32.7	35.2	38.0	39.4	40.8	42.0	33.9
Leinster Aero	36.9			41.4		35.6	37.7	38.2	40.6	37.0	25.9	31.3	28.9	30.6	35.6	38.6	39.7	41.5	35.6	30.9	35.5	39.2	39.7	41.5	39.6	38.9	31.9	34.8	37.5	40.0	40.7	42.6	39.7	36.8
Leonora	36.4	+1.1	7	42.9	34.4	33.4	37.5	36.4	41.5	31.0	25.0	30.5	28.2	30.5	35.8	40.4	38.5	43.3	32.5	29.9	34.4		42.0	43.4	42.4	37.5	30.0	34.0	37.0	40.0	40.5	43.5	40.4	35.0
Norseman				38.5	27.1	29.0		34.1	33.1	22.0		27.5				36.7	42.0	32.0	24.4	26.5	31.0	35.0	39.5	32.2	36.5	24.6					38.3	41.8	31.8	
Salmon Gums Res.Stn.	31.1	+2.2	10	32.1		27.1	32.7	36.8	28.9	22.3	26.2	23.8	23.5	28.4	33.1	37.5	42.4	28.6	21.1	24.8	30.3	35.1	39.7	27.3	35.5	24.4	28.5	32.5	38.4	29.5	39.6	43.4	30.5	28.0
Southern Cross Airfield	34.3				28.5	31.2	37.1	36.3	38.7	26.2	29.6	28.1	27.0	30.7	34.4	38.6	41.1	35.6	26.9	28.5	33.2	37.4	41.2	39.1	38.0	30.4	31.7	34.0	39.4	37.8	41.6	44.6	30.4	31.3
Yeelirrie	37.6	+1.4	9	41.7	36.6	36.5	39.2	38.5	41.5	39.0	28.0	32.0	30.0	31.4	36.8	39.0	39.0	42.0	37.4	31.7	36.7	39.3	41.2	41.0	38.5	39.5	33.5	35.7	38.6	40.3	41.5	42.6	40.0	38.3
North East (13)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Balgo Hills	40.0	+1.3	7	41.4	42.0	42.1	42.3	44.1	44.0	45.1	45.5	45.5	41.5	33.0	37.0	38.0	39.0	38.0					36.2	36.2	34.7	35.7	38.9	36.5	38.0	39.0	39.4	40.5	42.6	43.2
Carnegie	38.2			42.0	42.5	38.9	41.5		43.3	38.7	27.5	36.4	31.0	33.9	34.4	39.0	41.6		42.9	32.9	37.2	38.5		39.9	32.7	38.9	33.4		37.5	39.6	41.3	41.4	44.6	41.1
Giles Meteorological Office	36.6	+0.9	7	37.6	39.4	39.9	40.6	40.4	42.5	43.0	35.2	39.1	34.6	35.8	34.6	36.3	37.4	39.1	36.6	30.3	31.6	35.9	35.9	35.8	35.2	33.0	27.4	31.6	33.8	35.8	36.3	37.4	39.8	41.5
Telfer Aero	40.7	+0.5	7	42.4	44.1	42.9	45.0	44.9	45.0	45.9	43.7	43.6	40.5	40.4	38.7	41.3	42.5	44.0	42.8	38.4	38.4	36.7	35.3	32.0	28.5	38.0	37.8	37.5	38.8	40.8	41.5	42.1	44.0	44.9
Warburton Airfield	37.7	+1.1	8	40.3	42.7		40.3	42.6	44.7	41.3	33.7	37.0	31.8	33.8	36.9	37.9	40.1	41.9	41.6	29.8	34.9	38.6	41.3	38.3	36.4	27.4	27.3	32.7	36.0	38.1	38.6	39.3	42.9	42.7
Wiluna	38.0	+1.2	8	42.0	38.2	38.5	40.5	37.5	42.0	38.2	26.0	32.5	30.0	31.5	37.0	39.9	41.5	42.0	38.5	32.8	37.1	39.9	41.0	41.0	37.3	39.6		35.2	38.2	40.2	41.0	42.5		40.0

Daily and mean minimum temperatures for December 2009

Mean is the average of the daily minimum temperature for December 2009; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily minimum temperature for December 2009 and the long-term average minimum temperature for December. **Decile** is the decile rank of mean daily minimum temperature for December 2009 in the climate record of other December mean daily minimum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The lowest and highest minimum temperatures for each site for December 2009 are highlighted.

North Kimberley (01)	Mean	Anom	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Kalumburu	25.2			26.8	26.6	24.5	25.2	25.1	25.6	26.2	27.4	25.5	27.3	25.0	24.3	26.7	28.0	24.3	24.2	23.4	23.4	23.7	23.1	25.2	24.6	24.7	24.4	25.6	23.4	23.0	25.5	26.0	26.6	26.2
Kuri Bay	27.0	+0.8	10	28.2	29.5	26.8	27.0	26.8	26.9	27.0	27.2	29.0			28.0	27.5	28.5	25.5		25.7	27.6	22.5	26.0	26.0	26.5	27.0		25.0	24.5	28.0	27.5	29.7	27.6	27.7
Mount Elizabeth	22.7			25.2	22.9	22.4	21.4	19.6	20.8	21.4	21.5	24.9	22.5	25.2	22.4	23.6	25.2	25.2	22.8	21.7	20.4	22.4	22.6	21.9	22.3	22.2	22.5	23.8	23.1	23.6	21.7	22.0	23.6	24.1
Wyndham	27.2	+0.2	6	30.0	29.4	25.5	26.5	26.5	27.6	28.7	28.4	30.5	29.8	28.7	24.0	28.0	27.4	26.4	24.4	24.0	24.4	25.2	25.0	25.6	26.9	26.9	27.5	29.0	27.8	27.3	27.4	27.8	28.5	26.9
East Kimberley (02)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Argyle Aerodrome	26.5			28.9	27.6	28.5	25.7	26.0	27.1	28.0	28.3	29.7	22.2	25.6	24.5	27.5	27.1	28.9	23.7	24.1	23.4	23.6	24.8	25.8	26.7	26.9	27.6	27.1	28.7	25.5	25.3	27.6	27.4	27.9
Halls Creek Airport	25.7	+1.0	9	28.1	27.5	25.6	21.1	24.4	24.2	26.5	26.7	31.8	26.6	26.4	26.4	26.6	25.8	29.0	23.3	21.9	22.0	23.6	23.3	24.9	25.6	26.0	26.5	27.8	26.4	25.8	22.7	24.6	26.6	27.8
Kununurra Aero	25.2			27.9	26.1	25.2	20.0	23.1	24.5	25.2	26.4	27.5		26.2		27.6	25.1		24.8	23.9		23.8	24.3	24.5	25.6	25.7	25.6	26.2	26.4	24.5	24.6	24.9	26.6	24.2
Warmun	26.1	+0.9	8	29.1	27.1	26.5	19.9	19.1	23.9	27.5	28.5	29.6	24.6	29.0	28.8	29.9	28.0	29.0	23.0	24.0	23.5	23.5	24.9	25.9	27.0	26.6	27.6	28.0	28.5	24.5	22.7	24.5	26.0	27.0
West Kimberley (03)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Bidyadanga	25.3	−0.4	4	20.1	22.5	25.5	24.2	23.2	24.5	26.1	27.5	27.0	27.2		25.1	25.5	25.5	25.6	29.5		26.0	26.2	25.2	24.0	24.5	26.5	25.0	25.0	27.0			22.8	26.0	26.1
Broome Airport	26.6	+0.2	7	25.1	24.7	26.0	25.0	25.5	27.4	28.2	28.3	26.4	27.9	28.4	25.2	28.8	29.6	25.9	28.9	26.6	27.8	25.3	24.7	25.1	24.1	27.0	26.3	26.4	28.1	27.1	25.8	25.6	26.6	28.2
Curtin Aero	25.0			19.1	25.1	27.0	25.0	23.9	23.6	24.1	25.6	26.7	26.2	26.8	26.4	26.5	27.5	29.7	27.0	23.8	23.1	23.8	24.1	23.9	25.2	25.6	22.2	24.8	26.2	25.0	25.2		22.2	
Cygnet Bay				21.2	24.5	26.0	25.5		23.5	25.5	27.0		27.5	27.0	25.5	27.5	26.0	29.0	24.5	26.7	24.9	24.2	24.5	26.5	28.0						22.9	25.4	26.7	28.7
Derby Aero	25.8			19.2	28.1	28.2	26.3	25.9	25.2	25.9	26.1	28.3	27.3	27.7	27.6	27.1	28.6	30.0	23.4	23.9	23.1	24.0	23.5	23.9	25.0	26.4	24.0	25.3	27.6	26.9	26.1	26.1	24.9	23.7
Fitzroy Crossing Aero	25.7			23.5	28.8	25.8	25.3	21.9	26.2	28.6	27.9	29.8	28.4	26.1	25.7	28.1	25.5	32.1	23.5	24.0	23.2	26.4	24.8	24.6	25.4	25.2	23.2	25.9	24.5	25.8	23.9	22.5	23.3	26.1
De Grey (04)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Karratha Aero				24.9	23.9	25.7	23.8	25.0	26.4	27.9	25.4	25.1	22.9	25.0	24.7	26.2	28.2	28.2	28.1	24.7	26.0	27.8							25.1	26.0	27.2	27.8	28.2	29.3
Mandora				21.9	19.0	25.3	24.6	23.5	24.8	24.4	24.6	24.0	24.8		24.0	24.2	24.5	22.0		25.8	24.8	30.5	25.0	24.0										
Marble Bar	26.5			23.5	24.0	26.2	28.2	28.0	24.9	26.5	31.6	26.5	30.2	28.5	26.6	29.0	30.3	25.5	27.3	28.1	22.7	28.8	29.1	24.0	23.9	24.5	22.4	25.5	25.3	24.1	27.0	26.2	26.3	26.5
Pardoo Station	24.9			22.1	22.6	24.0	24.0	23.6	25.2	24.4	27.2	24.0	22.0	23.5	26.3	26.3	26.9	23.7	27.0		23.8	27.9	28.0	25.0	23.5	25.5	23.9	23.7	24.9	23.4	26.8	25.9	25.8	
Port Hedland Airport	25.1	+1.1	9	22.0	23.6	23.0	23.2	23.8	24.8	23.4	27.2	22.8	23.6	26.2	25.1	27.0	26.5	25.3	26.6	26.1	24.9	27.8	28.5	28.3	25.9	25.1	23.5	23.0	24.2	23.0	28.3	24.2	25.0	26.6
Roebourne	25.2	+0.3	6	22.1	23.6	23.5	23.5	23.5	26.8	27.5	23.6	23.5	25.1	27.5		27.4	28.8	23.5	29.6	26.9	24.8	27.0	28.5	25.0	22.6	21.7	19.0	22.5	25.0	26.3	27.0	26.0	26.2	29.3
Fortescue (05)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Learmonth Airport	21.7	+1.0	9	19.5	19.3	20.3	22.3	20.5	22.5	21.4	20.7	21.8	21.6	23.3	21.9	23.9	18.9	22.9	20.8	20.1	21.6	21.4	22.4	22.7	22.4	20.7	20.9	20.0	19.9	24.6	25.5	24.4	22.1	21.2
Mardie	24.1	+1.2	8	20.9	20.7	21.4	22.4	22.8	23.5	23.0	22.2	22.0	21.6	25.3	22.4	24.2	27.9	27.7	27.3	24.9	25.7	24.2	26.7	25.7	23.3	21.3	23.7	23.4	23.9	24.8	25.2	25.7	25.3	26.7
Onslow Airport	23.1	+1.0	8	20.4	20.1	19.7	23.7	21.6	23.0	22.6	20.4	21.8	25.5	25.2	22.4	24.9	22.8	25.3	25.1	23.5	24.5	22.3	24.4	23.9	22.8	21.1	21.2	23.4	22.7	25.0	24.7	24.0	23.8	25.2
Onslow	23.4	+1.8	9	20.4	19.9	21.7	24.1	21.8	22.7	22.0	20.4	21.6	25.4	25.7	22.3	25.8	23.0	25.8	24.7	23.4	25.1	22.5	24.3	24.0	23.0	21.1	22.5	24.0	22.5	25.2	26.5	25.0	23.1	25.0
West Gascoyne (06)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Carnarvon Airport	21.4	+0.8	9	20.1	19.0	19.6	22.0	20.8	22.4	22.0	22.1	21.1	21.0	18.5	17.4	21.1	22.4	21.2	20.7	19.7	23.1	22.3	22.3	22.5	22.2	21.3	20.3	19.5	22.1	24.5	25.4	24.3	22.7	20.5
Denham	22.0			20.4	19.1	19.1	22.1	23.2	21.8	22.4	23.0	21.4	21.2	19.4	22.2	23.7	22.1	21.2	21.4	20.1	22.7	22.5	23.0	20.2	22.0	21.5	20.5	23.4	23.3	25.5	26.0	25.2	23.0	20.6
Emu Creek Station	23.4	+1.1	8	19.9	20.3	24.3	23.8	22.4	24.1		20.0	24.0	28.3	26.6	23.5	24.4	22.6	24.5	23.3	22.3	27.0	22.0	23.7	24.3	22.1	21.0	20.2	22.3	23.6	26.4	24.1	23.5	23.9	24.2
Gascoyne Junction	23.4	+2.1	10	18.6	19.8	23.2	21.3	27.8	23.3	23.2	23.5	25.2	25.2	24.7	24.3	22.3	24.9	22.6	19.5	21.5	30.8	24.0				15.0	23.0	25.0	24.3	27.2	26.3	24.5	22.3	22.6
Murchison	21.6			17.5	17.1		20.8	26.0	19.9	22.4	23.2	21.0	22.0	17.0	19.0	19.3	23.2	21.8	17.2	21.1	25.5	24.5	25.0	25.4	23.0	18.2	19.8		26.7	23.3	25.0	23.0	20.4	18.8
East Gascoyne (07)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Newman Aero	25.1			20.7	25.0	25.6	26.2	27.3	27.4	27.0	25.8	19.7	24.3	21.5	24.9	26.5	25.0	23.3	25.0	27.5	26.9	27.0	28.0	26.5	25.1	25.5	22.8	26.0	27.2	21.6	21.6	22.6		28.3
Paraburdoo Aero	26.3			23.9		28.0		26.2	29.7	27.6	24.5	23.8	26.6	25.6	27.4	27.6	24.4		24.6	22.8	27.4	27.8	29.5	28.9		24.2	20.9	25.4	25.9	28.5	24.0	28.7	29.3	27.3
Murchison (07A)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Meekatharra Airport	23.7	+1.7	10	22.6	22.0	24.1	25.2	25.8	25.6	25.3	18.7	17.3	19.3	18.7	21.0	24.5	27.5	24.9	25.2	22.7	22.9	24.7	25.2	26.9	25.1	23.0	20.9	24.0	26.2	25.9	24.8	27.5	25.2	23.1
Mount Magnet Aero													18.1	19.1	21.1	23.8	28.4	24.5	19.5	18.3	22.1	21.8	26.8	28.5	25.9	20.5	20.7	23.6	27.3	27.0	27.3	28.2	20.6	19.2
Paynes Find				16.3	15.6											19.4	23.4	19.4	18.4			21.8	24.9	24.2	25.4	20.2	18.8	17.3	23.3	23.9	21.9	21.7	18.9	17.9
North Coast (08)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Carnamah	18.0	+2.0	10	13.0	13.8	12.8	20.3	22.5	20.1	17.5	14.8	14.6	14.5	17.0	20.8	17.8	18.8	12.5	15.5	14.8	19.0	22.8	20.3	21.8	20.5	15.6	15.2	18.0	21.4	18.2	20.8	29.2	17.0	
Dalwallinu Comparison	17.5	+1.5	10	14.4	12.9	14.1	17.6	23.5	19.2	16.0	12.4	14.4	12.8	15.1	17.6	19.2	22.4	11.4	16.4	12.8	16.8	22.6	20.0	21.4	18.9	15.7	15.7	19.0	21.6	18.9	21.9	27.1	16.0	14.9
Eneabba				12.9	13.9	13.9	20.2	20.3		18.0	16.1	16.4	15.9	15.1				13.1	16.3	14.6	21.3	26.6		19.6	17.6	17.0	15.4					17.2	17.6	15.7
Geraldton Airport	16.6	+0.3	7	17.7	15.3	12.1	15.7	18.2	19.6	16.0	16.1	13.2	11.7	11.9	14.2	14.9	14.4	12.5	19.2	11.7	17.5	24.9	20.4	20.5	19.7	19.6	12.5	15.8	18.1	18.1	17.3	21.9	19.6	15.2
Kalbarri	19.4	+2.1	H	17.2		14.5	19.4	22.3	20.0	20.0	18.7	17.5	19.2	18.9	20.5	16.0	15.6	13.9	19.6	15.2	21.6	23.9	17.9	22.5	18.0	20.3	16.1	22.2	22.9	23.0	26.7	22.2	20.1	17.5
Morawa Airport	18.1			13.8	14.0	14.0	19.9	21.4	20.4	18.7	17.1	14.9	16.0	15.4	14.3	16.0	21.9	14.1	16.3	15.6	19.8	21.6	19.2	23.0	21.0	15.9	15.7	19.5	20.2	20.0	21.7	27.4	17.1	15.2
Mullewa	19.3	+2.4	10	14.3	14.2	16.4	23.1	21.8	21.9	17.9		16.1	17.8	17.2	20.8	21.8	19.7	13.9	15.8	16.5	21.4	23.1	20.6	20.8	17.9	16.6	16.3	22.3	24.3	22.4	25.3	26.5	18.5	15.2
Wongan Hills	16.2	+0.5	6	12.5	12.2	13.0	16.4	20.4	20.1	15.7	11.5	12.5	12.0	14.8	17.3	20.6	19.2	13.0	14.2	12.0	15.3	20.7	18.0	19.0	17.0	16.0	14.0	17.0	22.9	17.7		20.5	16.5	14.0
Central Coast (09)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Badgingarra Research Stn	16.5	+1.6	10	12.1	12.0	12.4	16.5	20.2	16.0	16.2	12.6	14.1	13.3	13.6	17.9	19.4	15.6	13.9	13.7	12.5	17.6	23.6	19.8	20.4	17.7	15.1	13.9	17.8	22.0	13.6	20.5	28.4	13.8	14.2
Bickley	14.2			12.1	9.4	10.5	12.2	17.3	17.1	14.4	9.5	10.9	9.8	11.7	15.4	18.1	21.4	13.2	11.2	9.7	11.5	16.9	17.9	16.8	14.8	12.9	11.3	14.2	18.2	15.0	16.9	24.3	14.0	11.1
Gingin Aero	14.4			9.3	11.5	11.3	12.6	16.7	16.7	17.3	13.0	14.2	13.1	10.9	11.6	13.2	11.0	7.8	13.6	12.9	16.3	19.9	17.5	20.4	18.6	15.2	12.4	10.5	13.8	14.4	14.2	25.7	17.0	14.6
Gosnells City	17.2			13.6	12.0	14.2	16.2	22.0	19.8	17.2	13.6	14.7	14.1	15.9	17.7	20.0	15.5	12.7	13.9	13.6	15.9	21.5	21.9	21.1	19.2	15.0			19.0	19.0	20.5	26.3	17.9	15.4
Jandakot Aero	14.7			11.5	8.4	12.9	15.5	19.7	16.6	17.2	12.5	11.6	12.5	12.6	13.8	14.0	11.6	11.2	14.1	13.0	15.5	19.8	17.5	19.8	18.4	14.7	14.0	10.3	13.6	12.4	16.6	23.7	17.8	13.9
Jurien Bay	14.6	−0.9	3	16.0	14.6	8.6		16.0	18.0	15.0	8.8	14.0	12.2	11.8	14.0	14.4	14.0	11.3	14.0		9.0	17.0	18.0	20.0		12.6	12.5	14.0	17.8	15.0	16.8	22.8	17.8	13.2
Karnet	13.8	+0.4	7	10.5	9.0	10.9	12.2	18.2	15.2	14.5	10.0	11.8	10.7	12.8	13.8	17.7	13.4	11.7	11.5	10.6	13.5	16.8	17.3	16.1	14.5	12.4	12.0	13.5	15.4	15.0	18.5	22.6	14.0	11.8
Lancelin	15.9	−0.2	4	18.3	16.7	11.3	15.0	17.5	19.6	16.0	13.5	15.2	13.2	14.0	14.5	14.7	14.0	17.0	16.0	13.6	12.6	17.5	19.0	18.8	17.0	17.7	13.3	14.0	17.5	15.7	16.7	22.0	17.0	13.0
Medina Research Centre	15.9			13.5	12.5	13.2	15.0	19.4	18.0	17.0	12.0	13.5	12.8	15.0	15.9		14.0	13.4	14.8	13.0	15.7	20.6	19.4	20.0	17.9	15.0	13.6	15.0	15.5	16.0	18.5	25.0	17.7	14.1
Pearce RAAF	15.2	+0.8	7	10.9	11.5	11.8	14.3	18.9	16.7	17.8	13.2	14.6	13.7	11.5	13.3	13.3	12.0	9.8	12.7	13.6	16.1	22.0	18.6	21.1	18.6	15.3	14.7	13.9	14.6	15.0	14.8	26.1	16.8	15.0
Perth Airport	15.4	+0.6	7	13.5	9.1	14.0	13.4	18.9	17.7	18.0	13.2	14.1	13.6	13.3	12.6	13.0	11.6	10.9	14.3	13.2	15.4	20.2	19.4	21.1	18.6	15.3	14.8	13.4	14.4	16.8	17.0	24.7	17.9	15.2
Perth Metro	16.5			16.6	13.2	14.1	15.4	20.4	18.8	17.9	13.3	14.7	13.7	15.0	14.6	15.6	15.4	14.8	14.8	13.7	15.5	20.8	20.9	21.4	18.7	15.6	15.1	13.6	16.1	15.9	18.6	23.6	17.8	15.2
Rottnest Island	17.9			16.6	15.7	15.3	16.6	20.0	19.7	17.8	14.0	15.8	14.2	17.0	18.9	20.0	19.4	17.8	16.3	14.2	17.1	20.3	21.2	21.0	19.7	16.7	16.0	18.7	20.1	19.7	20.4	21.7	16.9	15.5
Swanbourne	16.7			16.8	12.7	13.6	16.1	20.1	18.5	17.4	13.1	13.6	13.2	15.9	17.2	18.3	17.9	14.4	14.6	13.5	16.1	21.6	21.2	20.5	17.9	15.3	14.8	14.0	17.8	16.5	18.7	23.1	17.7	14.8
South Coast (09A)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Albany Airport	12.1	−0.3	4	9.6	8.1	10.1	7.2	12.3	13.3	13.3	7.6	11.1	11.5	4.7	10.1	13.0	13.2	10.6	13.1	12.9	13.7	13.9	16.9	15.3	13.6	13.9	12.4	7.5	10.9	16.8	11.9	17.7	14.6	13.7
Albany	14.9	+1.0	9	12.4	11.8	13.4	12.9	16.0	16.1	14.7	10.7	14.2	14.9	9.9	14.0	16.2	17.0	13.8	14.8	14.5	16.0	16.6	16.8	16.1	16.1	16.7	15.0	12.5	15.0	17.8	17.0	18.6	15.8	15.0
Bridgetown Comparison	10.9	+0.3	7	9.0	8.7	5.4	8.5	12.2	12.9	13.5	5.6	10.8	7.8	7.9	10.9	10.4	11.2	12.0	9.5	4.8	9.8	13.8	15.0	15.4	10.7	13.8	5.7	8.6	10.9	16.3	14.7	21.1	13.9	8.5
Bunbury	13.1			9.4	6.6	9.4	12.2	16.0	14.5	15.5	9.2	12.3	9.6	9.6	14.4	12.1	13.5	11.8	10.0	9.5	12.5	18.1	17.8	14.8	14.0	13.4	10.0	13.2	14.7	13.7	16.5	22.1	17.2	11.2
Cape Leeuwin	16.2	+0.5	8	16.4	15.0	15.1	15.8	16.5	16.9	15.3	13.6	14.4	15.1	14.4	17.1	19.6	16.5	17.1	14.9	14.8	14.9	16.9	18.0	16.7	16.1	16.2	13.9	15.6	17.7	18.2	17.6	19.6	16.1	15.4
Cape Naturaliste	13.5	−0.4	4	13.8	13.6	10.4	11.8	15.2	13.2	13.5	10.0	11.2	9.7	11.7	15.2	20.0	13.7	14.6	12.4	9.7	11.9	17.0	15.9	12.7	12.4	14.3	10.8	11.7	14.8	13.7	16.3	20.4	15.2	10.6
Donnybrook	12.4	+0.1	6	10.0	8.7	8.2	12.5	15.4	9.6	15.6	9.3	12.9	8.2	12.3	15.0	17.0	12.5	12.8	9.5	9.0	12.7	17.1	16.8	16.0	14.0	15.3	8.2					11.7	15.4	9.0
Dwellingup	12.9	+0.4	6	9.6	8.2	9.8	11.7	16.0	15.2	14.2	9.0	11.5	9.7	11.4	12.0	13.9	13.1	11.6	11.7	9.5	11.4	15.8	16.0	15.6	13.8	12.2	10.0	12.5	15.0	14.2	16.5	22.4	14.4	11.0
Esperance	15.2	+0.9	9	13.5	15.5	11.5	9.3	12.1	16.0	15.3	13.0	14.0	14.0	13.6	9.7	15.3	21.0	16.9	16.1	13.7	10.2	12.1	17.5	18.3	17.5	15.0	15.1	12.1	18.5	18.4	15.9	20.7	21.6	16.6
Harvey	13.7			9.0	8.8	10.5	10.5	10.2	15.5	15.2	9.8	10.8	8.5	13.4	13.4	18.0	12.8	11.0	9.8	10.5	13.5	18.0	19.0	16.0	15.0	12.5	12.0	14.8	17.8	15.5	18.5	24.0	16.5	12.4
Hopetoun North	14.2			14.1	14.4	10.5	9.7	11.0	17.2	15.3	13.0	13.7	13.1	12.0	8.6	10.3	15.4	16.9	15.7	13.9	9.4	12.4	16.2	17.8	16.9	17.2	15.1	9.8	15.2	17.6	14.3	17.9	20.5	16.1
Jarrahwood	10.2			7.0	5.9	4.6	8.5	12.0	11.2	14.5	5.0	10.3	7.5	10.4	9.7	8.9	14.5	11.5	5.7	3.5	12.0	16.7	14.0	13.4	9.9	12.0	4.0	6.5	9.5	11.3	14.7	21.5	13.0	6.9
Mandurah	17.5			16.8	15.0	14.0	15.6	20.8	19.4	17.5	13.6	14.6	13.7	16.1	18.6	19.5	20.5	16.9	14.6	13.6	16.1	21.2	21.1	19.9	18.8	16.3	14.4	16.8	20.1	18.7	21.3	25.0	17.9	14.5
Manjimup	11.2	−0.4	4	9.9	8.2	8.1	9.6	10.9	11.6	12.3	7.0	10.0	11.1	7.8	10.9	14.6	13.8	12.9	10.6	7.5	9.1	12.0	14.6	13.8	9.6	12.6	7.8	9.5	12.0	15.3	12.7	20.3	12.8	9.6
North Walpole	12.4			12.8	10.1	10.8	10.5	11.3	12.8	12.7	8.7	11.5	11.7	8.5	11.0	13.5	14.2	13.4	12.3	10.1	11.2	11.3	16.8	15.0	12.4	13.2	10.8	9.5	12.4	15.9	13.2	17.8	14.5	13.1
Pemberton	11.5	−0.4	4	10.4	9.8	8.4	10.2	10.1	12.5	12.0	7.1	9.7	10.7	8.7	11.4	15.6	15.1	12.9	10.6	7.9	8.7	11.4	15.0	14.5	11.0	13.0	7.3	9.7	11.5	15.1	13.4	19.6	13.5	11.1
Rocky Gully	9.9			10.7	7.5	7.5	8.4	7.7	10.8	10.8	5.1	8.3	9.2	6.2	9.5	13.0	11.5	8.9	8.3	6.8	7.7	10.6	14.7	13.6	7.4	11.8	5.9	7.8	10.8	15.2	11.7	17.5	12.3	10.5
Shannon	10.6			9.2	8.4	7.7	8.5	10.2	11.0	11.4	5.1	9.0	9.7	6.9	10.9	15.0	12.8	11.4	10.3	6.7	9.7	11.7	14.6	13.6	8.4	12.0	6.1	6.2	10.7	15.3	12.9	18.7	12.9	10.9
Windy Harbour				10.8	14.2	14.6			15.1	13.3			14.5	8.5			17.4	14.6	13.7	14.5	9.3	7.6	14.0	16.2	11.2	12.3	10.9	8.7	11.8			18.5		15.3
Witchcliffe	11.6			8.5	9.0	6.3	10.9	13.5	13.7	13.6	5.8	12.6	8.0	9.1	10.5	9.8	15.6	13.0	10.9	7.9	10.4	13.1	14.8	14.4	12.0	14.0	5.8	10.0	12.9	15.6	13.8	18.9	15.2	10.6
North Central (10)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Bencubbin	16.2	+0.3	6	13.1	12.9	12.6	16.2	23.7	20.6		10.8	12.1	11.3	13.6	13.7	19.8	20.9	14.6	16.1	11.3	10.1	21.2	18.5	19.5	18.1	16.9	13.0	16.1	17.5	17.6	19.2	23.9	17.4	13.9
Cunderdin Airfield	14.5			10.6	11.3	12.2		19.8	17.8	15.5	11.3	12.1	9.4	12.9	12.3	12.3	16.8	10.0	15.4	11.1	13.0	17.5	15.2	17.2	16.1	15.9	12.6	11.6	13.9	16.2	18.3	26.3	17.7	13.6
Merredin	16.1	+0.4	6	14.3	14.3	12.4	16.2	23.5	19.5	15.7	10.7	11.4	10.5	12.4	11.8	18.5	17.6	16.7	16.0	10.9	13.4	23.0	20.0	18.8	16.7	17.1	12.0	18.0	15.5	15.1	19.0	24.4	18.3	13.9
Northam	15.3	0.0	6	14.4	11.2	13.6	13.7	18.5	19.4	15.5	11.6	12.3	10.9	13.4	15.7	14.0	14.7	13.2	14.7	11.1	12.8	19.1	17.8	17.6	15.8	16.5	12.7	16.4	16.4	16.3	18.8	26.1	16.9	13.3
York	13.4			9.0	9.0	10.3	12.0	16.5	18.1	16.0	9.7	11.6	8.4	11.6	11.8	9.6	13.0	12.0	13.5	10.0	11.5	16.5	16.0	16.8	15.0	15.6	9.3	14.0	13.0	15.0	15.5	25.2	17.0	12.5
South Central (10A)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Beverley	14.1	−0.2	5	11.8	10.6	10.8	13.0	16.6	17.4	16.6	10.0	12.6	9.4	12.2		11.8	14.8	13.0	13.8	10.4	12.0	16.6	17.0	16.6	15.2	15.6	11.4	13.6	14.6	14.6	17.0	25.6	16.6	12.4
Brookton	13.7	+0.3	6	12.0	8.8		9.8	16.2	15.5	15.3	8.8	11.0	8.5	11.3	15.3	14.2	14.5	13.8	13.2	9.2	11.8	16.4	17.3	15.8	14.0	15.1	10.0	12.5	16.8	14.0	16.5	24.8	16.0	11.4
Corrigin	13.8	−0.1	6	12.6	12.8	10.5	12.7	16.3	15.7	14.5	9.3	10.7	11.0	10.4	13.7	13.8	17.2	14.5	14.8	9.7	11.0	16.2	15.6	16.0	14.6	14.3	10.5	13.5	14.5	14.4	15.5	22.5	17.4	12.1
Hyden	13.2	−0.6	4	12.0	14.6	10.5	11.8	15.5	15.0	15.2	7.0	10.4	10.3	9.0	12.5	16.0	17.0	13.5	14.4	7.8	10.5	16.0	16.5	16.0	14.4	16.4	7.6	11.5	16.4	14.0	14.0	15.0	18.5	11.0
Jacup	11.2			10.4	11.3	6.1	7.0	11.4	13.8	13.0	8.6	10.5	11.1	4.7	9.8	14.0	12.7	10.3	12.9	8.7	7.7	10.7	15.5	15.0	12.6	13.8	10.1	8.0	13.9	11.0	12.5	17.1	15.5	8.1
Katanning Comparison	11.1	−1.0	2	10.2	9.0	6.4	9.4	12.0	12.6	13.4	7.6	11.0	10.0	7.7	10.4	12.0	14.0	11.2	11.2	7.5	9.0	12.4	15.6	15.0	11.2	12.6	6.4	10.0	13.0	15.5	14.3		14.0	8.5
Lake Grace Comparison	12.7	−0.7	3	11.8	11.8	9.0	10.3	13.0	14.3	13.6	8.4	9.5	10.0	7.8	11.4	15.2	18.7	13.2	13.0	9.2	11.3	13.2	15.0	16.2	14.1	15.5	9.6	11.6			13.7	18.8	17.2	10.6
Narembeen	14.4	0.0	6	14.2	14.7	11.3	13.0	17.7	16.9	15.4	9.0	12.0	10.0	11.0	14.1	16.2		15.0	14.9	9.5	11.8	14.0	16.4	20.4	15.3	16.6		9.9	16.7	14.7	15.9	21.4	18.4	12.4
Narrogin	12.7	+0.4	7	12.0	9.9	9.7	11.1	13.9	14.0	13.5	8.2	11.0	9.9	9.9	12.3	16.3	15.9	12.2	12.9	8.3	10.6	14.5	16.4	15.5	12.5	13.2	9.5	11.4	14.4	13.3	14.6	22.2	15.3	10.2
Ongerup	12.0	−0.4	4	10.2	7.8	7.5	9.9	12.5	14.0	13.2	8.7	10.8	10.5	7.0	10.8	15.4	14.5	10.4	12.5	8.5	9.6	12.5	16.2	15.5	11.9	13.4	9.6	10.5	14.9	15.8	14.4	17.4	15.2	9.5

Daily and mean minimum temperatures for December 2009

Mean is the average of the daily minimum temperature for December 2009; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily minimum temperature for December 2009 and the long-term average minimum temperature for December. **Decile** is the decile rank of mean daily minimum temperature for December 2009 in the climate record of other December mean daily minimum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The lowest and highest minimum temperatures for each site for December 2009 are highlighted.

Pingelly	13.4	−0.4	4	11.4	9.9	10.0	12.0	15.5	14.6	14.6	9.6	10.4	9.1	10.9	14.5	16.3	17.0	13.2	12.8	9.4	11.9	15.9	16.1	15.4	13.6	14.2	9.2	12.0	15.4	13.5	15.9	24.7	15.6	11.1
Ravensthorpe	12.6	−0.1	5	11.7	13.5	8.2	9.0	11.2	15.8	13.6	8.3	10.6	11.2	7.1	10.2	12.0	23.4	14.5	13.3	10.7	9.1	9.8	10.8	16.2	15.3	15.2	12.8	9.1	12.2	14.3	13.0	17.7	18.8	12.8
Wagin	12.1	−0.8	4	11.2	8.6	8.9	11.0	13.6	14.5	14.1	9.0	11.0	8.7	9.2	11.9	13.1	14.9	10.7	12.4	8.3	10.3	13.2	15.5	15.3	12.4	12.8	7.7	12.0	12.5	14.0	13.9	20.0	15.3	9.9
Wandering	11.0			10.1	6.0	6.0	10.9	12.0	14.2	14.2	5.1	9.5	5.3	9.9	10.1	8.4	10.5	9.9	12.9	7.2	9.2	14.1	12.8	14.8	12.7	13.7	6.7	8.8	11.0	12.3	13.9	23.7	14.9	9.0
Eucla (11)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Balladonia	14.1	+0.9	9	14.0	13.0	9.5	9.0	10.0	18.5	16.0	10.1	8.4		9.2	8.0	12.0	17.4	22.7	15.9	9.6	8.4	9.9	17.4	21.6	17.6	17.2	10.6	10.2	13.4	17.5	17.2	17.7	27.1	15.0
Eucla	15.5	+0.5	7	12.6	17.1	14.7	14.9	10.1	13.2	17.2	14.8	6.9	13.2	14.0	11.8	16.5	14.5	23.7	18.4	15.4	14.9	14.9	14.4	15.6	21.9	19.2	16.6	14.3	12.3	14.9	13.9	17.5	23.5	18.0
Eyre	12.5	−1.6	1	14.2	17.8	15.3	1.2	1.7	16.5	15.6	15.0	0.2	15.5	11.1	1.0	8.4	14.0	14.5	17.8	15.4	7.5	2.9	9.3	15.2	18.6	17.1	16.3	4.1	10.9	16.5	18.6	15.0	23.4	17.1
Forrest	14.8			14.9	16.6	10.3		9.8	17.3	18.8	14.6	10.1	10.7	11.2	8.9	12.3	13.8	19.5	17.7	15.0	8.5	11.1	13.2	17.7	26.0	19.6	14.2	11.3	12.4	14.9	16.9	17.5	21.7	18.7
South East (12)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Bulga Downs	21.4			23.0	20.0	19.6	22.1	26.0	22.0	24.0	16.5	16.5	15.2	15.4	15.9	23.5	25.5	24.0	21.8	16.4	19.6	25.0	23.5	24.6	24.7	24.5	17.8		20.4	21.9	26.1	24.5	20.8
Kalgoorlie-Boulder Airport	18.4	+1.8	10	18.2	15.6	13.6	15.7	21.7	22.2	14.2	12.8	12.6	10.7	12.3	15.9	19.3	27.6	24.1	16.2	14.1	14.5	18.3	23.7	24.5	20.2	21.9	12.0	18.2	21.6	19.8	19.3	26.1	26.9	16.5
Laverton Aero	21.4			26.3	18.2		19.3	22.6	25.7	25.2	14.8	17.3	13.9	14.3	16.7	23.8	26.8	26.4	24.8	14.7	15.9	19.8	25.4	30.6	27.1	22.7	15.5	17.2	19.7	24.0	23.2	23.2	27.3	20.1
Leinster Aero	22.7			23.2	22.6		21.6	25.8	25.9	27.4	14.2	14.5	16.6	16.3	18.9	22.5	28.5	24.0	25.5	17.5	20.1	23.5	25.1	27.7	26.8	27.8	17.8	19.8	23.4	23.9	23.6	26.3	28.3	23.2
Leonora	21.3	+1.3	9	22.2	22.0	16.1	20.9	24.7	26.4	23.9	15.9	16.2	14.1	15.6	16.0	20.4	29.1	24.9	20.5	15.4	17.0	22.9		23.2	29.4	23.0	16.2	19.2	22.0	26.0	22.9	25.1	27.4	
Norseman				10.6	14.4	8.5	10.9		15.5	14.5	8.2		6.7				11.0	16.6	14.6	8.6	10.6	14.5	22.5	19.9	15.9	17.2	8.1					13.7	26.1	14.9
Salmon Gums Res.Stn.	12.5	+0.3	6	7.5	12.9		7.4	11.4	15.7	13.6	2.2	5.1	11.6	3.5	6.9	15.4	23.0	15.4	13.5	3.3	5.0	13.2	13.5	16.9	16.1	15.1	6.5	10.8	18.4	16.3	13.1	22.9	24.0	13.4
Southern Cross Airfield	15.9			13.9		12.2	15.7	19.8	19.1	14.3	10.1	10.7	8.5	11.4	14.3	20.5	22.8	17.7	16.0	10.5	12.9	21.0	19.3	20.3	17.2	17.4	9.4	16.4	17.1	16.9	18.2	17.8	19.9	15.0
Yeelirrie	22.0	+2.2	10	19.3	21.9	22.7	23.2	25.7	24.0	27.3	17.1	14.5	17.4	15.0	16.9	21.5	27.7	21.6	24.8	20.2	21.0	24.8	22.0	28.0	25.1	26.3	18.5	21.0	24.2	23.6	18.5	21.1	24.7	21.7
North East (13)	**Mean**	**Anom**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Balgo Hills	25.0	−0.1	5	28.0	25.8	24.7	25.2	25.0	26.5	26.0	27.1	22.5	30.0	23.0	22.0	24.5	26.0	29.0	25.5					18.0	25.1	23.0	24.3	24.0	24.5	24.2	24.0	25.1	25.6	25.8
Carnegie	21.9			20.3	22.7	22.5	25.6	24.6		24.6	22.4	16.9	20.3	17.4	20.7	20.6	21.9	22.9		20.9	21.1	23.3	24.2		22.4	23.6	19.3	18.3		17.4	24.5	23.8	23.8	25.3
Giles Meteorological Office	22.4	+0.5	7	18.8	23.9	22.7	22.6	23.5	24.1	25.9	22.7	21.0	20.8	19.9	21.8	18.6	22.0	26.2	30.0	22.3	22.2	20.6	21.6	24.0	24.4	26.7	18.8	15.1	17.6	21.9	23.3	21.2	25.0	25.5
Telfer Aero	25.7	+0.4	7	23.0	23.7	30.5	30.6	23.4	25.6	28.9	28.7	24.7	28.5	25.8	24.6	26.9	26.5	27.3	28.5	27.6	25.8	27.8	25.5	23.4	23.0	23.2	22.3	25.8	23.0	23.7	25.5	24.2	23.8	26.4
Warburton Airfield	22.6	+1.4	9	21.5	25.8	18.5		25.1	26.1	27.0	21.2	21.1	19.6	17.9	21.3	24.0	22.6	21.8	29.7	18.7	19.7	22.9	24.2	25.3	26.2	23.0	16.7	16.1	19.0	21.7	25.4	26.9	24.5	23.4
Wiluna	23.1	+2.1	10	19.0	23.5	24.7	24.9	24.9	24.7	26.0	19.3	15.5	18.5	16.0	18.4	24.3	27.5			20.5		23.9	25.4	26.9	27.6	28.3	19.5		23.9	26.3	22.8	25.4	21.5	24.0

Daily and total rainfall for December 2009

Total is the total precipitation for December 2009; a missing total indicates there is concern about the quality of some of the daily values. **Avg** is the long-term average total precipitation for December. **Decile** is the decile rank of total precipitation for December 2009 in the climate record of other December totals; "L" indicates this is the lowest on record, and "H" it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as "· ". When a reading was accumulated over more than one day, "»" is shown on the days that are part of the accumulation.

North Kimberley (01)	Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Doongan	323.9			11.0	·	12.0	·	·	·	·	·	·	·	2.0	·	·	·	1.5	145.5	92.5	34.2	15.0	4.5	0.4	5.3	·	·	·	·	·	·	·	·	·	·
Drysdale River Station				1.9										54.6					27.8	56.4	31.8	4.0												16.0
Kalumburu	460.2			·	·	1.2	5.2	·	·	·	·	·	·	0.8	2.4	0.6	·	37.0	87.0	40.8	176.2	55.6	1.6	1.2	13.8	·	·	·	11.2	21.6	4.0	·	·	·
Kuri Bay		162	8	·	·	1.4	·	·	·	·	·	·	·	·	·	·	·	9.0	»	65.1	71.1	87.2	18.2	4.8	1.8	·	·	·	16.4	·	0.4	·	·	·
Mount Elizabeth	140.3	166	4	·	8.5	1.1	·	·	·	·	·	·	16.8	·	19.8	·	·	·	10.1	18.4	49.0	2.6	4.2	8.0	1.8	·	·	·	·	·	·	·	·	·
Theda	632.1	193	H	·	·	2.0	·	·	·	·	·	15.0	·	79.0	·	·	·	18.0	176.0	141.0	101.0	32.0	17.5	1.0	7.5	·	·	30.0	9.0	0.6	2.5	·	·	·
Wyndham	154.8	149	7	·	·	19.0	·	·	·	·	·	·	·	1.0	22.0	·	·	3.0	28.2	41.2	28.8	3.6	5.2	2.8	·	·	·	·	·	·	·	·	·	·
East Kimberley (02)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Argyle Aerodrome	86.4			·	·	·	·	·	·	·	·	·	16.6	2.8	20.6	·	·	·	15.8	6.8	11.8	6.8	1.4	·	·	·	·	1.2	·	2.6	·	·	·	·
Halls Creek Airport	46.4	81	3	·	·	·	·	·	·	·	·	·	0.4	·	·	·	·	·	1.8	17.4	18.6	3.0	5.2	·	·	·	·	·	·	·	·	·	·	·
Kimberley Res.Station	193.7	145	8	·	5.5	·	·	»	»	1.4	·	·	·	4.0	»	»	23.0	·	1.6	45.4	7.0	»	»	36.2	·	·	·	»	»	»	»	69.6	·	·
Kununurra Aero	92.2	136	3	·	0.2	·	·	·	·	·	·	·	·	3.8	0.2	·	6.8	·	1.0	36.8	11.6	15.4	8.6	·	6.6	·	·	0.6	·	·	·	·	·	0.6
Margaret River	54.0	64	6											1.6	2.6				10.2	4.0	35.0		0.6											
Ruby Plains	147.4	73	9	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	48.0	13.8	44.0	28.0	13.6	·	·	·	·	·	·	·	·	·	·	·
Sturt Creek	127.5	64	9								16.0							9.0	17.0		44.5	9.0	3.0	25.0	4.0									
Warmun	84.8	114	5	·	3.8	·	·	·	·	·	·	·	1.2	·	·	·	·	·	34.0	4.4	4.7	14.5	·	·	·	·	·	0.2	·	22.0	·	·	·	·
West Kimberley (03)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Bidyadanga	163.6	55	10	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	3.0	63.2	85.4	12.0	·	·	·	·	·	·	·	·	·
Broome Airport	179.4	56	10	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	13.2	76.8	26.2	63.2	·	·	·	·	·	·	·	·	·
Curtin Aero	254.6			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.8	32.2	30.6	157.4	22.2	8.2	3.2	·	·	·	·	·	·	·	·	·
Cygnet Bay	90.6	76	7	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	14.9	0.4	0.4	42.3	32.0	0.6	·	·	·	·	·	·	·	·	·	·
Dampier Downs	99.0	77	8																			46.0	14.0	15.0	24.0									
Derby Aero	233.4	71	10	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	23.0	23.6	13.0	115.4	26.2	26.0	6.0	0.2	·	·	·	·	·	·	·	·
Fitzroy Crossing Aero	106.4			·	0.6	·	·	·	·	·	·	·	·	1.2	0.2	·	·	·	6.0	9.4	70.0	0.2	15.0	2.8	1.0	·	·	·	·	·	·	·	·	·	·
De Grey (04)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Hillside Station	24.2	39	6																		24.2													
Karratha Aero		12		·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·							·	·	·	·	·	·
Mandora	291.8	32	H	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	12.8	107.0	172.0									
Marble Bar	61.2			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	29.2	·	·	2.4	29.4	·	0.2	·	·	·	·	·	·	·
Pardoo Station	100.1	24	10	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	30.6	·	·	26.8	42.7	·	·	·	·	·	·	·	·	·
Port Hedland Airport	3.4	19	7	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	»	»	3.4	·	·	·	·	·	·	·	·	·
Roebourne	23.1	11	9	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.6	·	·	20.7	1.8	·	·	·	·	·	·	·	·	·
Fortescue (05)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Dampier Salt	15.8	12	8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	4.6	3.4	7.8	·	·	·	·	·	·	·	·	·
Learmonth Airport	·	5.4	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Mardie	2.6	8.3	8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	2.4	·	·	·	·	·	·	·	·	·	·
Onslow	·	5.1	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Pannawonica	6.6	28	4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	5.6	·	0.4	0.6	·	·	·	·	·	·	·	·	·
Tom Price		40		·	·	·	·	4.2	·	·	·	·	·	·	·	2.6	20.3	·	·	·	7.4	·	·	·	·	·	·	·	·	·	·	·	·	·
West Gascoyne (06)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Carnarvon Airport	·	1.8	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Denham	·	1.3	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Emu Creek Station	0.1	13	4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.1	·	·	·	·
Gascoyne Junction	1.5	4.1	7	·	·	·	·	·	1.5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Murchison	10.1			·	·	·	·	0.4	1.2	1.1	·	·	·	·	·	·	·	·	·	·	·	1.4	·	·	·	·	·	·	·	6.0	·	·	·	·
East Gascoyne (07)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Mininer	·	15	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Mount Phillip	12.0	8.9	8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	6.0	·	·	·	·	·	·	·	6.0	·	·	·	·
Mount Vernon	5.8	15	6	·	·	·	·	4.6	·	·	1.2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Newman Aero	1.8	37	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.8	·	·	·	·	·	·	·	·	·	·	·	·	·
Paraburdoo Aero	5.0	30	3	·	·	·	·	·	·	·	·	·	·	·	·	·	0.8	·	·	·	0.4	·	·	·	2.4	·	·	·	1.4	·	·	·	·	·
Murchison (07A)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Cue	6.5	14	6	·	·	·	·	2.3	·	·	0.6	·	·	·	·	·	·	·	·	·	·	3.0	·	·	0.6	·	·	·	·	·	·	·	·	·
Meekatharra Airport	4.0	12	4	·	·	·	·	·	0.2	0.2	·	·	·	·	·	·	·	·	·	·	·	·	·	0.6	»	»	2.6	·	·	·	·	0.4	·	·
Mount Magnet Aero				·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	6.8	·	·	1.0	1.0	·	·	·	·	·	·	·	·
Paynes Find	2.2	12	4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.2	1.0	·	·	·	·	·	·	·	·	·	·	·
North Coast (08)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Ajana	·	4.9	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Barberton	·	9.1	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Canna	8.2	9.8	6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	6.2	2.0	·	·	·	·	·	·	·	·	·	·	·
Carnamah	1.6	9.1	4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.6	1.0	·	·	·	·	·	·	·	·	·	·	·
Dalwallinu Comparison	36.4	11	9	·	·	·	·	·	9.0	·	·	·	·	·	·	·	·	·	·	·	·	·	27.4	·	·	·	·	·	·	·	·	·	·	·
Eneabba	·	9.4	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Geraldton Airport	0.4	5.4	3	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.4	·	·	·	·	·	·	·	·	·	·	·	·
Kalbarri	·	3.0	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Kondut	5.0	9.8	6						1.2														3.8											
Latham	9.6	8.7	8	·	·	·	·	·	2.2	·	·	·	·	·	·	·	·	·	·	·	·	3.2	4.2	·	·	·	·	·	·	·	·	·	·	·
Miling	2.0	9.7	5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2.0	·	·
Morawa Airport	3.2			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	3.0	0.2	·	·	·	·	·	·	·	·	·	·	·
Mullewa	7.4	7.5	7	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	3.2	4.2	·	·	·	·	·	·	·	·	·	·	·
Nabawa	9.0	5.8	8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	»	»	9.0	·	·	·	·	·	·	·	·	·	·
Northampton	2.0	5.1	6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2.0	·	·	·	·	·	·	·	·	·	·	·	·
Perenjori	11.8	8.2	8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	»	»	11.8	·	·	·	·	·	·	·	·	·	·
Three Springs	3.0	8.0	5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	»	3.0	·	·	·	·	·	·	·	·	·	·
Wongan Hills	8.4	10	7	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	6.6	·	·	·	·	·	·	·	·	1.8	·	·
Central Coast (09)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Badgingarra Research Stn	0.2	9.1	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·
Bickley	·	12	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Gingin Aero	0.8			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.8	·	·	·	·	·	·	·	·	·	·	·
Gosnells City	·	11	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Jandakot Aero	·	9.7	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Jarrahdale	9.2	19	5	·	·	·	·	0.4	·	·	·	·	·	·	0.2	0.4	·	·	·	·	·	·	1.4	2.0	0.8	1.0	0.4	0.4	·	1.8	·	·	·	0.4
Jurien Bay	·	6.4	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Karnet	·	17	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Kwinana BP Refinery	2.0	8.4	2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2.0	·	·	·	·	·	·	·	·	·	·	·
Lancelin	5.0	7.4	6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	5.0	·	·	·	·	·	·	·	·	·	·	·
Medina Research Centre	0.2			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·
Mosman Park	·	5.6	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Mundaring	0.2	17	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·
Pearce RAAF	·	8.9	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Perth Airport	·	10	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Perth Metro	·	13		·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Roleystone	·	14	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Rottnest Island	·			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Swanbourne	·			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Two Rocks	·	8.3	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
South Coast (09A)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Albany Airport	9.0	27	2	·	·	·	·	·	·	4.4	·	1.4	·	·	·	·	·	·	0.4	·	·	·	·	·	·	·	·	·	·	·	·	1.2	1.2	0.4
Albany	5.0	30	1	·	·	·	·	·	·	2.0	·	1.4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.2	0.4	·
Boyup Brook	1.6	14	2																													1.6		
Bremer Bay	6.0	23	2							»	»	6.0																						
Bridgetown Comparison	1.0	19	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.4	0.6	·
Brunswick Junction	0.6	15	2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.6	·	·
Bunbury	0.2			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·

Daily and total rainfall for December 2009

Total is the total precipitation for December 2009; a missing total indicates there is concern about the quality of some of the daily values. **Avg** is the long-term average total precipitation for December. **Decile** is the decile rank of total precipitation for December 2009 in the climate record of other December totals; "L" indicates this is the lowest on record, and "H" it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as "· ". When a reading was accumulated over more than one day, "»" is shown on the days that are part of the accumulation.

Busselton Shire	·	13	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Cape Leeuwin	4.6	21	1	·	0.8	·	·	·	·	0.4	·	0.4	0.2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2.6	0.2
Cape Naturaliste	0.6	13	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·	0.2	0.2	·
Denmark	7.6	34	1	·	·	·	·	·	·	0.8	·	·	·	·	·	·	0.4	5.4	·	·	·	·	·	·	·	·	·	·	·	·	1.0	·
Donnybrook	0.8	16	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.6	0.2	·
Dwellingup	1.2	20	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.2	·	·	·	·	·	·	·	·	·
Esperance Aero	5.8	20	2	·	·	·	·	·	·	·	0.2	·	0.4	·	·	·	·	·	·	·	·	·	·	·	4.0	0.2	·	·	·	·	·	1.0
Esperance Downs Research Stn	5.2	20	1	·	·	·	·	·	·	0.2	·	0.4	0.2	·	·	·	·	·	·	·	·	·	·	·	4.0	·	·	·	·	·	·	0.4
Esperance	4.2	18	1	·	·	·	·	·	·	0.4	·	0.8	0.2	·	·	·	·	0.2	·	·	·	·	·	·	2.6	·	·	·	·	·	·	·
Greenbushes	2.2	20	1	·	·	·	·	·	·	0.4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	»	»	1.8
Harvey	·			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Jarrahwood	0.8	17	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	0.6	·
Kendenup	8.8	22	3	·	·	·	·	·	»	6.4	·	1.0	·	·	·	·	·	·	0.4	·	·	·	·	·	·	·	·	·	·	0.8	0.2	·
Mandurah	2.8			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2.8	·	·	·	·	·	·	·	·	·
Manjimup	4.6	25	1	·	0.2	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2.8	1.4
Margaret River	1.1	19	1	·	0.4	·	·	·	·	·	·	·	·	·	·	·	·	0.1	·	·	·	·	·	·	·	·	·	·	·	0.2	·	0.4
Marradong	1.8	12	2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.8	·	·	·	·	·	·	·	·	·
Mount Barker		29		·	·	·	·	»	»	8.6	·	2.0	·	·	·	·	·	·	0.5	·	·	·	·	·	·	·	·	·	·	·	·	·
Northcliffe	14.4	35	3	·	0.8	·	·	·	·	·	0.6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	6.0	7.0
Pemberton	7.8	35	1	·	0.8	0.1	·	·	·	0.2	·	0.8	·	·	·	·	·	0.6	·	·	·	·	·	·	·	·	·	·	·	0.5	4.6	0.2
Roelands	1.2	14	2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.2	·	·
Walpole	4.4	39	1	·	·	·	·	·	·	0.9	·	1.8	·	·	·	·	·	0.3	·	·	·	·	·	·	·	·	·	·	·	·	1.4	·
Warner Glen	6.4	19	3	0.4	·	·	·	·	·	·	·	2.0	·	·	·	·	·	0.4	·	·	·	·	·	·	·	·	·	·	·	0.6	3.0	·
Wellstead	7.6	24	4	·	·	·	·	·	·	5.2	0.4	0.6	·	·	·	·	·	·	0.4	0.4	·	·	·	·	·	·	·	·	·	·	·	0.6
Windy Harbour	4.6			·	·	·	·	·	·	0.4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.4	·	·	·	0.2	3.6	·
Witchcliffe	2.0			0.2	0.4	·	·	·	·	·	·	0.2	0.2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	0.4	0.4
North Central (10)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Bencubbin	5.8	13	5	·	·	·	·	·	1.0	·	·	·	·	·	·	·	·	·	·	·	·	·	4.8	·	·	·	·	·	·	·	·	·	·	·
Bolgart	7.6	10	6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	7.6	·	·	·	·	·	·	·	·	·	·	·
Cadoux	5.8	12	5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	»	5.8	·	·	·	·	·	·	·	·	·	·
Calingiri	6.0	10	6																				6.0											
Cunderdin Airfield	3.0			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	3.0	·	·	·	·	·	·	·	·	·	·	·
Cunderdin	0.2	9.7	3	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·
Dowerin	15.0	12	8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	15.0	·	·	·	·	·	·	·	·	·	·	·
Goodlands	9.2	12	6	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·	·	·	4.6	·	·	·	·	·	·	4.4	·	·	·	·
Goomalling	2.8	10	6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	»	»	2.8	·	·	·	·	·	·	·	·	·	·
Hines Hill		7.9							1.0																									
Kellerberrin	4.0	13	6	·	·	·	·	·	4.0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Koorda	·	10	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Meckering	·	8.0	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Merredin	8.1	14	7	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	8.1	·	·	·	·	·	·	·	·	·	·	·
Moningarin	5.0	12	5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	5.0	·	·	·	·	·	·	·	·	·	·	·
Northam	1.2	9.0	4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.2	·	·	·	·	·	·	·	·	·	·	·
Tammin	9.0	11	8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	9.0	·	·	·	·	·	·	·	·	·	·	·
Toodyay	2.6	9.0	5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	2.6	·	·	·	·	·	·	·	·	·	·	·
Trayning	8.0	11	6	·	·	·	·	·	1.0	·	·	·	·	·	·	·	·	·	·	·	·	·	7.0	·	·	·	·	·	·	·	·	·	·	·
Wialki	7.2	10	6	·	·	·	·	·	1.0	·	·	·	·	·	·	·	·	·	·	·	·	·	5.2	·	·	1.0	·	·	·	·	·	·	·	·
York	6.2			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	6.2	·	·	·	·	·	·	·	·	·	·	·
Yorkrakine	4.0	10	6	·	·	·	·	·	4.0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
South Central (10A)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Ardath	6.0	12	6																				6.0											
Badgebup	·	14	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Beverley	12.0	10	8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	12.0	·	·	·	·	·	·	·	·	·	·	·
Borden	1.2	17	1	·	·	·	·	·	·	1.2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Brookton	1.6	10	4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.6	·	·	·	·	·	·	·	·	·	·	·
Broomehill	0.7	14	2									0.6																				0.1		
Corrigin	1.4	13	3	·	·	·	·	·	0.2	0.2	·	·	·	·	·	·	·	·	·	·	·	·	1.0	·	·	·	·	·	·	·	·	·	·	·
Cranbrook	2.0	17	1	·	·	·	·	·	·	·	0.5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.5	·	·
Darkan	·	10	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Dumbleyung	·	15	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Gnowangerup	·	16	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Hyden	4.0	14	4	·	·	·	·	·	1.2	·	·	·	·	·	·	·	·	·	·	·	2.8	·	·	·	·	·	·	·	·	·	·	·	·	·
Jacup	5.0			·	·	·	·	·	·	3.2	·	0.6	·	·	·	·	·	·	0.6	·	·	0.4	·	·	·	·	·	·	·	·	·	·	·	0.2
Jerramungup	3.4	21	2	·	·	·	·	·	·	3.4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Katanning Comparison	0.2	16	1	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Kojonup	1.4	15	2	·	·	·	·	·	1.0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.4	·	·
Kondinin		12																				»	»	3.6										
Kulin	0.2	13	2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·
Lake Grace Comparison	0.2	14	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·
Mount Walker	8.0	12	6	·	·	·	·	·	3.0	·	·	·	·	·	·	·	·	·	·	·	·	·	5.0	·	·	·	·	·	·	·	·	·	·	·
Nalyerlup	7.4			·	·	·	·	·	·	4.4	2.2	0.4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.4	·	·
Narembeen	13.9	12	8	·	·	·	·	3.7	·	·	·	·	·	·	·	·	·	·	·	·	·	10.2	·	·	·	·	·	·	·	·	·	·	·	·
Narrogin	·	13	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Newdegate Research Station	1.6	13	1	·	·	·	·	·	·	1.0	·	·	·	·	·	·	·	·	·	·	·	·	0.6	·	·	·	·	·	·	·	·	·	·	·
Ongerup	2.2	17	2	·	·	·	·	·	·	1.8	0.4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Pingelly	0.6	12	3	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.6	·	·	·	·	·	·	·	·	·	·	·
Quairading	3.0	9.6	5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	3.0	·	·	·	·	·	·	·	·	·	·	·
Ravensthorpe	4.9	23	2	·	·	·	·	·	·	3.2	0.1	0.8	·	·	·	·	·	·	·	0.6	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2
Tambellup	1.1	16	1	·	·	·	·	·	·	·	·	0.5	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.6	·	·
Wagin	·	12	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Wandering	3.0			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	3.0	·	·	·	·	·	·	·	·	·	·	·
Wickepin	·	11	L	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Woodanilling	0.2	14	1	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·	·
Eucla (11)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Balgair	33.2			·	·	·	·	·	·	·	·	·	·	·	·	·	»	»	»	»	»	»	»	»	»	29.2	4.0							
Balladonia	9.8	18	5	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	9.4	·	·	·	·	·	·	·	·
Eucla	38.4	18	9	·	·	·	·	·	·	·	»	»	0.2	·	·	·	·	·	·	·	·	·	·	0.2	»	»	38.0	·	·	·	·	·	·	·
Eyre	24.0	19	8	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	·	·	0.1	·	·	·	·	·	21.8	1.8	·	·	·	·	·	·	0.1
Forrest	25.6			·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	4.2	21.4	·	·	·	·	·	·	·
South East (12)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Bulga Downs	13.9	12	7	·	·	·	·	·	3.2	·	3.4	0.1	·	·	·	·	·	4.0	·	·	·	·	·	·	1.2	2.0	·	·	·	·	·	·	·	·
Bullfinch	16.4	15	8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.6	·	4.8	10.0	·	·	·	·	·	·	·	·
Bulong	16.8	16	7	·	·	·	·	·	·	9.8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	7.0	·	·	·	·	·	·	·	·
Coolgardie Post Office	24.4	17	8	·	·	·	·	·	·	23.4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.0	·	·	·	·	·	·	·	·
Kalgoorlie-Boulder Airport	24.8	17	8	·	·	·	·	»	»	»	»	22.4	·	·	·	·	·	»	»	1.4	·	·	·	·	·	1.0	·	·	·	·	·	·	·	·
Laverton Aero	1.4			·	·	·	·	·	·	·	0.4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.0	·	·	·	·	·	·	·	·
Laverton	1.8	18	2	·	·	·	·	·	·	·	1.8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Leinster	9.4			·	·	·	·	·	·	·	1.2	6.0	·	·	·	·	·	·	2.2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Leonora	14.8	17	7	·	·	·	·	·	·	·	4.2	·	·	·	·	·	·	·	2.0	·	·	·	·	·	·	3.4	5.2	·	·	·	·	·	·	·
Lort River	8.2	19	5	·	·	·	·	·	·	1.4	·	·	·	·	·	·	·	2.0	·	·	·	·	·	·	·	4.8	·	·	·	·	·	·	·	·
Norseman	8.1	21	4	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.2	·	·	·	·	·	·	1.0	5.7	0.2	·	·	·	·	·	·	·
Salmon Gums Res.Stn.	5.4	20	3	·	1.0	·	·	·	·	0.4	·	·	·	·	·	·	·	0.2	·	·	·	·	·	·	·	3.8	·	·	·	·	·	·	·	·
Sandstone		17									32.0																							
Southern Cross Airfield	7.0			·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.2	·	·	·	·	3.0	·	0.8	3.0	·	·	·	·	·	·	·	·
Westonia	8.0	13	6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	5.8	·	·	2.2	·	·	·	·	·	·	·	·	·

Daily and total rainfall for December 2009

Total is the total precipitation for December 2009; a missing total indicates there is concern about the quality of some of the daily values. **Avg** is the long-term average total precipitation for December. **Decile** is the decile rank of total precipitation for December 2009 in the climate record of other December totals; "L" indicates this is the lowest on record, and "H" it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as "· ". When a reading was accumulated over more than one day, "»" is shown on the days that are part of the accumulation.

Yeelirrie	4.8	20	4	·	·	·	·	·	·	·	4.8	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Yundamindra	21.7	19	7								8.7														13.0						
North East (13)	**Total**	**Avg**	**Decile**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
Balgo Hills	61.2	55	7	·	·	·	·	·	·	·	·	·	·	4.0	·	·	·	·	0.2	·	»	»	»	38.0	17.4	1.6	·	·	·	·	·	·	·	·
Carnegie	7.9	24	4	·	·	·	·	·	·	·	·	4.0	·	·	·	·	·	·	·	·	·	·	0.1	·	·	0.6	3.2	·	·	·	·	·	·	·
Giles Meteorological Office	37.0	44	6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	0.4	·	·	·	·	·	·	36.6	·	·	·	·	·	·	·
Telfer Aero	81.6	48	9	·	·	0.2	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1.2	18.6	28.2	33.4	·	·	·	·	·	·	·	·
Warburton Airfield	19.2	32	6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	8.2	·	·	·	·	·	1.8	9.2	·	·	·	·	·	·	·
Wiluna	5.1	21	4	·	·	·	·	·	·	0.7	3.4	1.0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·