Monthly Weather Review

Western Australia

March 2013



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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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.

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

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

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

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

Climatological values

The climatological averages shown in the text and tables are generally long-term means based on observations from 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.

The <u>ACORN-SAT</u> dataset is being used for temperature area averages from December 2012 onwards. The major change from earlier datasets is that the ACORN-SAT dataset commences in 1910, rather than 1950, and hence rankings are calculated using a larger set of years.

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Cover photograph

Shower and rainbow near York.

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March 2013

Overview

- Rainfall: near average for WA; very much above average for southwest WA
- Maximum temperature: near average for WA; below average for southwest WA
- Minimum temperature: above average for WA; near average for southwest WA

Extremes in March 2013

Hottest day

(Highest daily maximum temperature)
46.0 °C at Roebourne on the 20th

Warmest days on average

(Highest mean daily maximum temperature)

40.0 °C at Roebourne

Coolest days on average

(Lowest mean daily maximum temperature)

21.9 °C at Albany

Coldest day

(Lowest daily maximum temperature)

14.6 °C at Newdegate Research Station on the 26th

Coldest night

(Lowest daily minimum temperature)

2.7 °C at Eyre on the 22nd

Coolest nights on average

(Lowest mean daily minimum temperature)

11.0 °C at Jarrahwood

Warmest nights on average

(Highest mean daily minimum temperature)

27.8 °C at Troughton Island

26.9 °C at Broome Airport (WA mainland)

Warmest night

(Highest daily minimum temperature)

32.1 °C at Gascoyne Junction on the 8th

Wettest overall

(Highest total rainfall)

208.0 mm at Dimond Gorge

Wettest day

(Highest daily rainfall)

177.5 mm at Glen-Ayle on the 1st

Highest wind gust

111 km/h at Mount Magnet Aero on the 16th 111 km/h at Warburton Airfield on the 26th

Significant weather

Heavy Rainfall

Heavy rainfall associated with ex-Tropical Cyclone *Rusty* was reported in the Goldfields and along the Southeast Coastal district on the 1st and 2nd. Lorna Glen recorded 107.5 mm in the 24 hours to 9 am on the 1st, which has an annual exceedence probability of between 5–10%. Kalgoorlie Boulder Airport recorded 88.2 mm in a 24 hour period, which has an annual exceedence probability of between 2–5%, while several other locations recorded 24 hour rainfall totals with annual exceedence probabilities of between 5–10%.

Seasonal thunderstorm activity through the Kimberley resulted in several falls in excess of 50 mm on the 11th. The highest rainfall was recorded at Charnley River with 76.0 mm.

A surface trough in combination with a mid level disturbance triggered rain and thunderstorm activity through the SWLD in the early morning of the 11th which resulted in isolated heavy falls. Dog Hill (near Serpentine) recorded 37.8 mm in 30 minutes (0115–0145WST) 65.6 mm in 60 minutes (0050–0150WST) and 71.6 mm in 2 hours (0035–0235WST), all of which have an annual exceedence probability of less than 1%.

A deep trough off the west coast combined with an approaching mid level disturbance on the 15th to produce areas of rain and isolated thunderstorms through the SWLD with many areas receiving in excess of 25 mm. The fall of 51 mm at Werribee included 34 mm in 2 hours which has an annual exceedence probability of around 10%.

Severe Thunderstorms

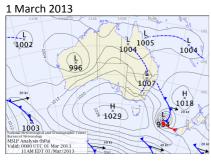
Thunderstorms developed inland in the Gascoyne and northern Central Wheatbelt in the afternoon of the 16th. A wind gust of 11 km/h was recorded at Mount Magnet Aerodrome at 1500WST.

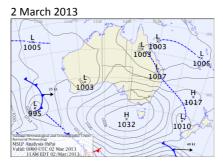
In the early hours of the 26th the passage of a trough produced some gusty winds at Rottnest Island with a 100 km/h gust recorded at Rottnest at 0125WST. The trough continued moving eastwards with thunderstorms developing along a second trough lying to the east through the southern Interior and Eucla during the day. Warburton Airfield reported a gust of 111 km/h at 1654WST. Forrest also recorded a severe gust of 94 km/h at 1151WST.

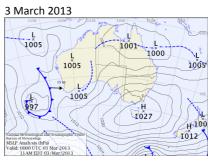
Synoptic summary

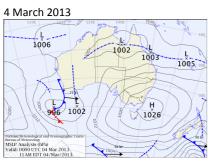
The synoptic summary for March 2013 will follow shortly.

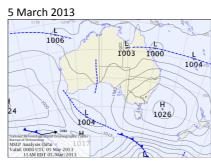
Daily mean sea level pressure analyses

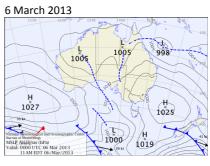


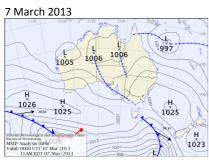


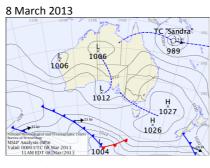


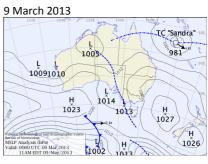


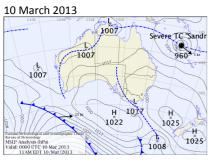


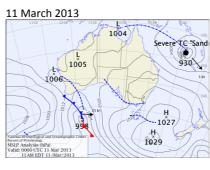


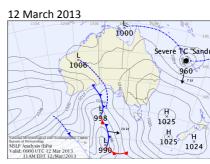


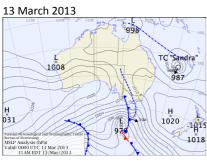


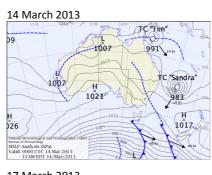


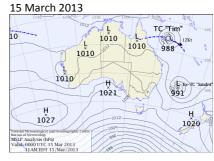


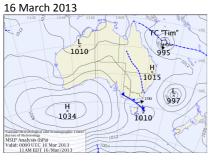


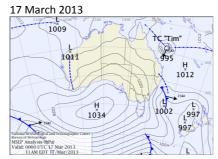


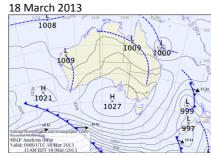


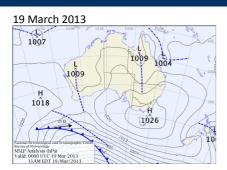


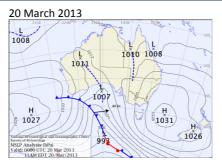


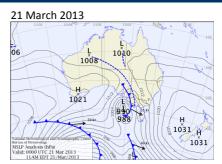


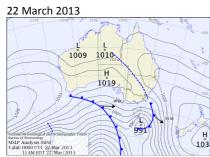


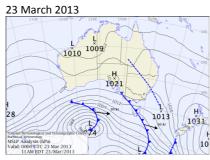


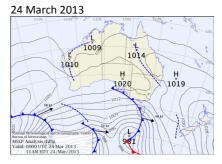


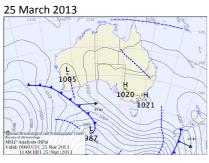






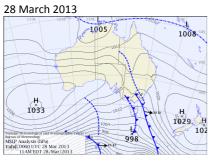






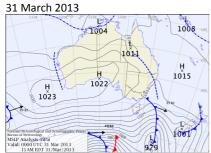












Temperatures

The mean temperature for Western Australia in March 2013 was 33.2 °C, which is 0.02 °C above the long-term average. The ACORN-SAT dataset is being used for temperature area averages from December 2012 onwards.

The warmest on average was Roebourne with 33.0 °C, followed by Roebourne Aero with 32.6 °C.

The coolest on average was Rocky Gully with 17.7 °C, followed by Bridgetown and Manjimup with 17.9 °C.

New temperature records

Rec	ord lowest March	daily maximum tempera	ature
	New record	Old record	Years of record
Hyden	16.0 on 26th	16.8 on 15th in 1992	39

Record highes	t March daily	minimum temperati	ure
	New record	Old record	Years of
			record
Eucla	27.1 on 26th	26.5 on 11th in 2005	54
Gascoyne Junction	32.1 on 8th	31.2 on 7th in 1988	41

Maximum temperatures

Maximum temperatures during March 2013 were above average over large parts of the Kimberley, Pilbara, Northern Interior, and eastern Eucla much of northern and eastern WA, with mean maxima up to 3 °C warmer than normal in the eastern Eucla and eastern Northern Interior. Much of the SWLD, southern Goldfields, and western Eucla were below average with an area centred on the Southeast Coastal very much below average. The southeast Goldfields, far eastern Southeast Coastal, and western Eucla saw daytime temperatures up to 4 °C cooler than normal. A lack of rainfall events in the north, and higher than normal frequency of rainfall events in the south had a significant impact on the WA maximum temperature anomalies.

When averaged across the state as a whole, the mean maximum temperature for WA for March 2013 was near average, though slightly above, continuing a run of monthly mean maxima for WA above the average since April 2012. Averaged across the Lower Southwest, the mean maximum temperature was below average, the first below average month for the region since February 2012, and only the third since October 2009.

Extremely warm sea surface temperatures off the northwest coast helped to bring consecutive hot days to the Pilbara coast and offshore islands between the 16th and 23rd. Roebourne recorded the highest temperature of the month in WA on the 20th with 46.0 °C, which was its forth hottest day in March on record and the hottest March day at the site for eight years, since 46.9 °C was recorded on 1 March 2005. It was the latest occurrence of a daily maximum temperature of 46.0 °C or higher in autumn in WA and Australia. The previous record for the latest 46.0 °C or greater day in the autumn season was 13 March with 46.1 °C recorded at Marble Bar on 13 March 1911.

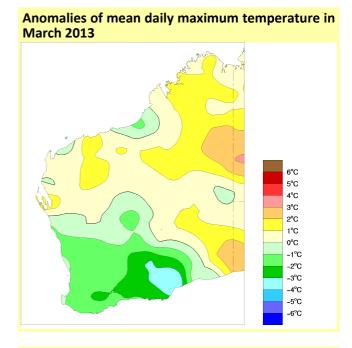
A cool southerly air flow in the wake of a cold front on the 26th resulted in daily maxima only reaching the mid-high teens over parts of the SWLD. Newdegate Research Station (Great Southern) recorded the lowest day-time temperature of the month in WA with a maximum of 14.6 °C, whilst Hyden (Great Southern) registered a daily maximum temperature of 16.0 °C on the same day, its coolest day in March in 39 years of record.

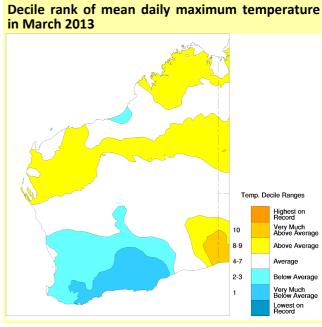
The hottest day was at Roebourne with 46.0 °C on the 20th, followed by Onslow Airport with 45.6 °C on the 21st.

The warmest days on average were at Roebourne with 40.0 °C, followed by Roebourne Aero with 39.7 °C.

The coolest day was at Newdegate Research Station with 14.6 $^{\circ}$ C on the 26th, followed by Mount Barker with 15.2 $^{\circ}$ C on the 26th.

The coolest days on average were at Albany with 21.9 °C, followed by Windy Harbour with 22.4 °C.





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

Minimum temperatures during March 2013 were above to very much above average across much of northern and eastern WA. Overnight temperatures up to 5 °C above average occurred in the eastern Northern Interior, whilst minima up to 4 °C above average were reported in the Eucla district. In western, inland central, and southern parts of WA, mean minimum temperatures were generally near average.

When averaged across WA as a whole, the mean minimum temperature during March 2013 was above average, whilst is the Lower Southwest the mean overnight minimum was close to normal.

Gascoyne Junction observed the highest daily minimum temperature of the month in WA with 32.1 °C on the 8th, which was also its hottest March night on record.

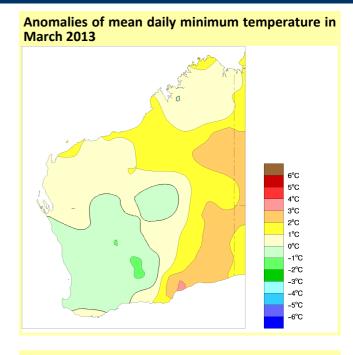
Persistent northerly winds overnight on the 25th and into the morning of the 26th saw Eucla experience its highest daily minimum temperature in March with a minimum temperature of 27.1 °C on the 26th, breaking the previous March record of 26.5 °C on 11 March 2005.

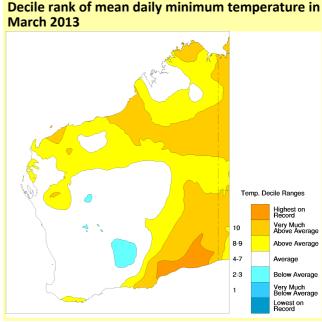
The coldest night was at Eyre with 2.7 °C on the 22nd.

The coolest nights on average were at Jarrahwood with 11.0 °C, followed by Bridgetown with 11.3 °C.

The warmest nights on average were at Troughton Island with 27.8 °C, with Broome Airport on the WA mainland recording 26.9 °C.

The warmest night was at Gascoyne Junction with 32.1 °C on the 8th, followed by Mardie with 31.7 °C on the 21st.





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Rainfall

Rainfall during March 2013 was above to very much above average in the Southwest Land Division (SWLD), Goldfields, and Southern Interior, largely due to rainfall events in early, middle, and latter parts of the month, and sites in the Lower West, South and Southeast Coastal recorded their wettest March on record as a result. Below to very much below average rainfall mainly confined to the coastal Kimberley and much of the Pilbara.

Averaged across the state as a whole, rainfall during March 2013 was close to average for WA, while for the Lower Southwest (southwest of a line from Jurien Bay to Bremer Bay) rainfall was very much above average, ranking as the 12th wettest March on record.

The passage of ex-tropical cyclone Rusty through central parts of the State at the start of March, after crossing the coast east of Port Hedland on 27 February, brought moderate to heavy rainfall to the Southern Interior and Goldfields, Several sites in the western Southern Interior and Goldfields observed their wettest March day on record on the 1st and 2nd, including Kalgoorlie-Boulder Airport with 88.2 mm in the 24 hours to 9 am on the 2nd, breaking its 74 year March record of 70.0 mm on 2nd March 1974. Menzies, to the north of Kalgoorlie in the Goldfields, also reported a notable fall on the same day, with 83.0 mm, its wettest March day in 107 years of record. Lorna Glen in the Southern Interior recorded the highest daily total of the event, and the month, in WA with 107.5 mm on the 1st, which was also its second wettest day in March in 68 years of record behind the record of 152.4 mm set on 27 March 1942.

A middle level trough produced widespread moderate rainfall in the SWLD, southern Gascoyne, and Goldfields on the 10th and into the morning on the 11th, with some heavy falls reported from thunderstorms. Dog Hill (Lower West) received 71.6 mm of rainfall in the 24 hours to 9 am on the 11th, and rainfall between midnight and 3 am on the 11th were greater than a 1 in 100 year event. Unofficial reports indicated rainfall in the Baldivis area was likely to have been between 60 and 80 mm. The SWLD received another notable rainfall event on the 14th as a result of a nearby middle level trough. Widespread falls between 30 and 50 mm were reported in the Lower West and Great Southern, and Ravensthorpe in the Southeast Coastal reported 52.0 mm on the 15th, its equal highest March daily fall in 107 years of record.

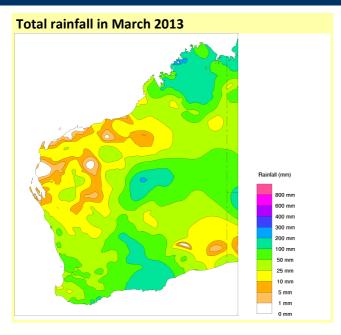
A strong cold front and deep pre-frontal trough combined to produce widespread moderate rainfall in the SWLD and neighbouring Gascoyne between the 25th and 27th. Widespread falls between 20 and 40 mm were reported, with Beaumont West in the Southeast Coastal recording its highest March daily

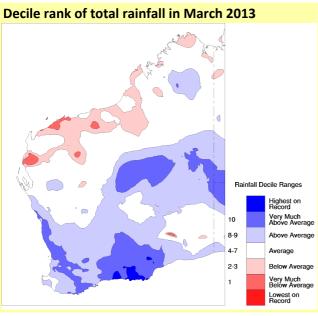
fall in 32 years of record with 56.0 mm, whilst Desert Fringe in the southeast Great Southern recorded 80.0 mm on the 26th, its highest March daily fall in 30 years of record and the highest daily fall reported during the event.

In the north, particularly in the Kimberley, thunderstorms were active during the first half of March and, after a quiet period, became active again in last few days of the month. Some moderate to heavy falls were registered during the storm activities. Little monsoonal activity occurred over northern WA during March 2013.

The wettest overall was Dimond Gorge with 208.0 mm.

The wettest single day was at Glen-Ayle with 177.5 mm on the 1st.





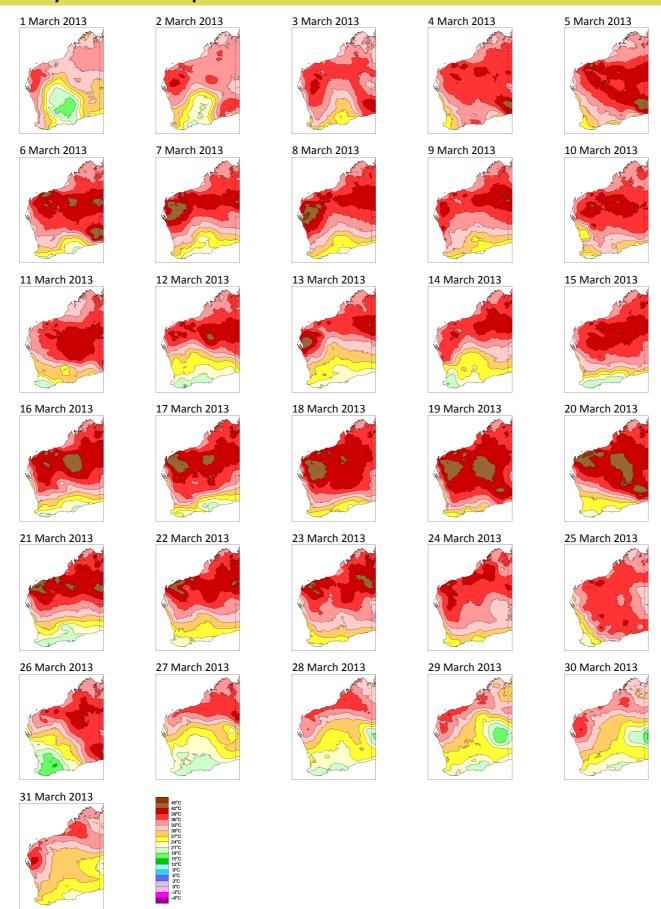
There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

New rainfall records

Red	cord highest Ma	arc	h daily rainfall	
	New record		Old record	Years of record
Menzies	83.0 on 2nd		62.0 on 11th in 2000	107
Ravensthorpe	52.0 on 15th	=	52.0 on 2nd in 2006	107
Ora Banda	102.6 on 1st		56.0 on 11th in 2000	76
Thomas River	59.2 on 27th		27.9 on 14th in 1920	65
Glen-Ayle	177.5 on 1st		106.4 on 2nd in 2011	63
Chesalon	63.2 on 14th		57.0 on 20th in 1993	47
Cowarna Downs	60.2 on 2nd		48.6 on 2nd in 1974	44
Beaumont West	56.0 on 2nd		48.2 on 11th in 2000	32
Granite Peak	81.0 on 1st		56.3 on 25th in 1999	32
Desert Fringe	80.0 on 26th		53.4 on 20th in 1993	30

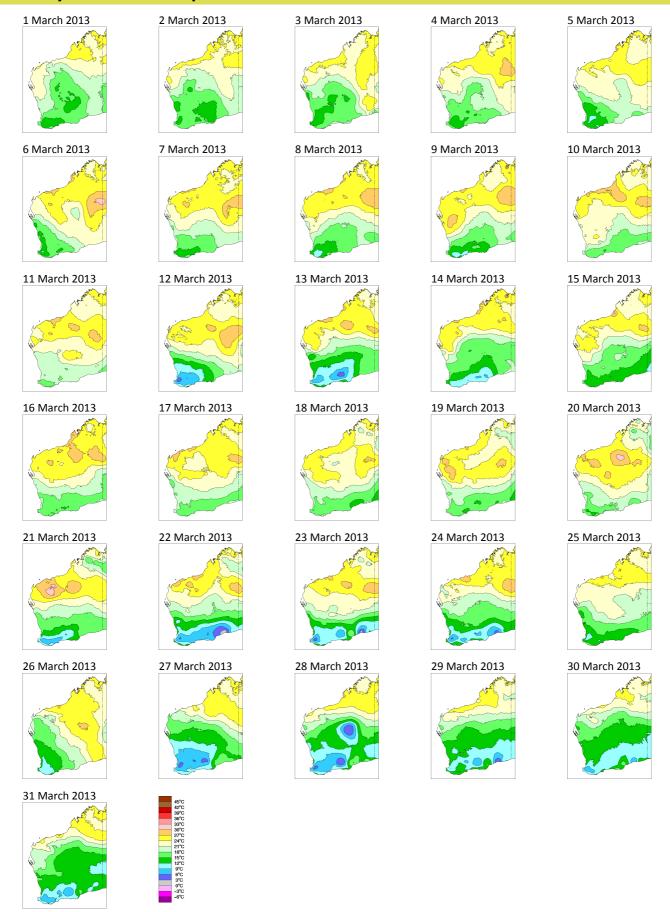
Record highest	March tota	l rainfall	
	New record	Old record	Years of record
Ravensthorpe	126.1	117.5 in 1926	112
Dalyup Park	133.2	130.4 in 2000	88
I Dunno	168.8	134.0 in 2000	85
Thomas River	186.4	130.8 in 2000	72
Wanneroo	70.4	54.4 in 1990	67
Glen-Ayle	183.0	179.2 in 2011	64
Oake Marsh Farm	149.0	111.2 in 2000	59
Tamar	134.8	112.0 in 1993	52
Telina Downs	146.0	127.0 in 2000	50
Scaddan West	139.5	133.5 in 2000	49
Mettler	155.0	122.5 in 1967	47
Erinair	160.9	128.0 in 1985	46
Monte Vista	90.0	87.4 in 1968	46
Adina	125.8	107.4 in 1992	45
Esperance	145.0	111.8 in 2000	44
Lorinna	137.8	129.6 in 2000	42
Second Beach	123.0	117.2 in 2000	40
Swan View	82.8	64.8 in 1990	40
Wellstead	117.8	97.4 in 1993	39
Karralea	169.0	124.6 in 1993	38
Lower Kalgan	124.9	105.0 in 1982	38
Munglinup Melaleuca	141.8	109.8 in 2000	37
Oldfield	131.9	129.4 in 2000	37
The Duke	161.2	116.3 in 1985	37
West Lort River	126.4	114.4 in 2000	37
Cape Arid National Park	159.6	124.0 in 2000	34
Coomalbidgup	148.8	119.8 in 2000	33
Cape Le Grand Nat Park	142.1	118.0 in 1992	32
Beaumont West	140.6	121.4 in 2000	31
Merivale Farm	144.4	133.0 in 2000	31
River Plains	171.2	113.4 in 1993	31
Nalyerlup	106.4	93.0 in 1993	30

Daily maximum temperature for March 2013



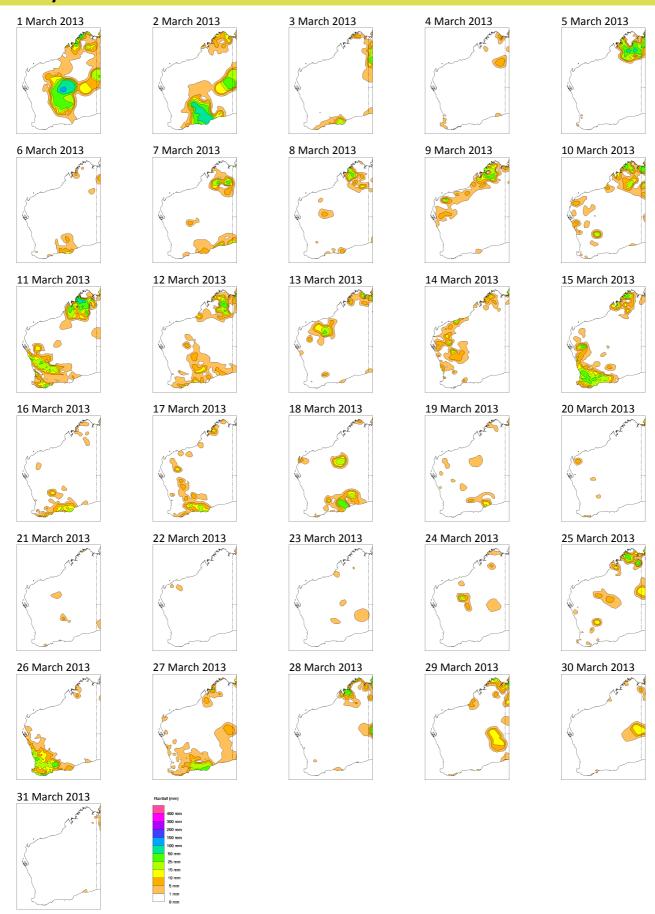
These maps are presented to give a statewide overview of conditions on each day through the month. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

Daily minimum temperature for March 2013



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 rainfall for March 2013



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 March 2013

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 th	is month	Climato	ological value
Temperature				<u> </u>
Mean daily maximum temperature	28.0 °C		29.7 °C	
Mean daily minimum temperature	16.1 °C		16.6 °C	
Mean temperature	22.0 °C		23.1 °C	
Mean temperature at 9 am	21.4 °C		22.0 °C	
Mean temperature at 3 pm	26.2 °C		28.2 °C	
Highest temperature	34.8 °C	on the 9th	42.4 °C	on the 7th in 2007
Lowest temperature	8.2 °C	on the 27th	6.3 °C	on the 27th in 2007
Days 30 °C or warmer	10		13.7	
Days 32 °C or warmer	3		9.6	
Days 35 °C or warmer	0		4.1	
Days 40 °C or warmer	0		0.7	
Nights 5 °C or cooler	0		0.0	
Nights 2 °C or cooler	0		0.0	
Humidity				
Mean relative humidity at 9 am	63 %		56 %	
Mean relative humidity at 3 pm	49 %		39 %	
Pressure				
Mean MSL pressure at 9 am	1015.8 hPa		1016.5 hPa	
Mean MSL pressure at 3 pm	1013.2 hPa		1014.1 hPa	
Wind				
Strongest wind gust	SW 48 km/h	on the 26th		on the 27th in 1960
Mean wind speed at 9 am	10.3 km/h		12.9 km/h	
Mean wind speed at 3 pm	15.6 km/h		15.8 km/h	
Days with gale-force gusts	0		0.2	
Rainfall			10.0	
Total precipitation	69.6 mm		19.2 mm	
Number of rain days	6	45.1	4.1	
Wettest day	26.2 mm	on the 15th	77.0 mm	on the 9th in 1934
Sunshine	0.2 h		0.6	
Mean daily sunshine	9.2 hours		9.6 hours	
Evaporation	C 4		7.0	
Mean daily evaporation	6.4 mm		7.8 mm	
Phenomena Days of thunder	2		1.1	
Days of thunder Days of hail	3		0.0	
Days of frost	0		0.0	
Days of fog	2		0.0	
Days with mist or haze	3		15.0	
Days with fillst Of flaze	3		13.0	

Daily and mean maximum temperatures for March 2013

Mean is the average of the daily maximum temperature for March 2013; it is only shown if there are sufficient days available. Anom is the difference between the mean daily maximum temperature for March 2013 and the long-term average maximum temperature for March. Decile is the decile rank of mean daily maximum temperature for March 2013 in the climate record of other March 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 March 2013 are highlighted.

Samelent years or	timate record available. The lowest and mightest maximum temperatures for each site for water 2015 are mighing free.	
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 3	
Kalumburu	34.5 30.6 33.4 32.8 34.1 33.4 34.6 34.2 34.7 35.2 35.4 34.8 35.0 35.4 34.7 35.1 34.9 37.0 35.1 35.0 34.9 35.3 35.6 35.8 35.8 35.8 35.5 33.4 32.7 33	
Mount Elizabeth Wyndham	33.9 31.0 32.0 32.0 32.5 30.5 33.0 34.6 33.1 34.3 34.0 32.5 33.3 34.4 34.4 35.5 35.7 35.9 36.1 35.7 35.6 36.3 37.0 36.2 34.9 32.5 34.8 34.2 33.7 30.6 37.1 +1.2 7 34.3 35.6 35.1 36.3 36.7 37.0 37.1 38.4 37.4 37.2 37.5 38.8 37.6 38.5 38.9 39.1 39.5 38.5 39.5 39.3 40.0 39.5 39.8 38.2 35.7 36.5 36.7 32.0 31.3 31	31.8
East Kimberley (02)		.9 34.7
Argyle Aerodrome	37.1 35.0 34.6 34.1 37.6 36.3 36.4 37.3 38.9 37.1 38.2 37.5 37.5 38.4 39.5 39.7 39.9 40.0 38.9 39.4 39.5 39.5 40.3 40.4 37.1 36.1 36.9 37.2 31.9 29.5 31.	
Halls Creek Airport	36.0 +0.7 6 34.3 34.2 33.3 36.7 34.2 35.9 36.9 37.6 37.8 37.0 36.2 35.7 36.2 37.8 37.7 38.2 38.5 37.7 37.8 38.2 38.9 39.1 39.8 33.3 34.9 36.4 36.6 34.3 29.6 30	
Kununurra Aero	36.5 33.5 34.5 33.7 35.3 36.2 36.6 36.6 39.0 35.7 36.7 37.1 37.6 38.3 38.9 38.8 38.9 <mark>39.3 39.3</mark> 38.7 38.0 38.9 38.9 39.1 37.1 36.3 36.4 36.3 30.2 <mark>30.1</mark> 31	.8 34.4
Warmun	37.4 +1.6 8 34.7 35.4 34.3 38.3 35.8 37.4 37.4 39.1 38.6 38.3 37.1 37.4 38.6 39.4 39.8 40.7 40.7 39.8 39.6 39.9 40.3 40.8 40.8 37.8 36.0 36.7 37.1 32.9 30.9 31	
West Kimberley (03)		31
Bidyadanga	34.8 -0.5 4 32.2 32.0 32.6 33.2 32.5 32.5 32.5 32.5 34.8 33.6 33.0 32.2 34.4 35.5 34.9 34.1 33.6 34.0 38.0 38.8 39.4 36.0 34.5 34.5 39.0 35.4 34.5 35.2 37.8 36.0 35.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 35.2 37.8 36.0 36.0 36.0 36.0 36.0 36.0 36.0 36.0	
Broome Airport Curtin Aero	33.7 -0.2 4 32.0 31.8 31.6 32.3 32.1 32.2 32.4 33.2 32.3 33.0 31.6 32.9 35.1 33.2 33.6 32.9 33.8 35.0 35.4 36.0 35.1 33.9 34.6 34.3 35.3 34.0 34.0 36.4 35.9 34. 36.7 36.7 33.5 34.4 34.1 34.9 34.2 36.2 36.9 36.7 35.8 35.7 30.4 35.4 36.8 38.2 35.7 36.6 37.9 39.9 40.0 40.7 39.4 37.1 38.9 39.9 38.5 36.8 36.0 38.2 36.7 35.	
Cygnet Bay		.0 34.2
Derby Aero	35.8 32.6 33.4 33.3 34.8 32.3 35.9 36.0 36.3 35.8 35.6 30.2 35.1 36.1 36.6 35.1 35.0 36.7 39.0 38.7 39.5 37.6 36.2 36.7 37.3 37.4 36.9 36.3 36.3 7.5 35.6 30.2 35.6 30.2 35.1 35.0 36.7 35.8 35.8 35.8 35.8 35.8 35.8 35.8 35.8	
Fitzroy Crossing Aero	37.9 35.3 36.2 35.9 37.8 34.2 37.2 37.1 38.7 38.1 36.2 34.1 36.4 38.5 39.8 38.6 39.7 39.4 39.8 39.6 40.5 40.7 40.1 41.5 40.6 38.0 39.3 37.6 37.1 33.6 36	
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 3	0 31
Karratha Aero	37.3 34.8 35.9 35.7 37.3 37.8 40.6 37.4 35.4 36.9 35.5 35.0 35.6 35.8 37.2 37.4 38.4 39.5 37.7 39.1 43.1 41.6 41.2 39.6 38.2 37.9 37.3 34.5 36.5 36.7 38.1 38.1 39.1 39.1 39.1 39.1 39.1 39.1 39.1 39	
Mandora	35.8 -1.1 3 31.3 32.1 32.9 33.3 33.5 33.5 33.5 33.5 34.2 34.2 34.2 33.5 33.7 34.1 38.0 38.4 35.3 35.0 34.8 39.6 37.0 36.8 41.0 39.2 36.2 41.3 35.6 35.1 39.9 37.8 35.9 35	
Marble Bar	39.4 36.2 37.9 40.0 40.1 41.6 41.3 40.4 39.6 40.1 39.3 39.8 39.4 37.4 40.8 42.7 41.4 42.5 42.7 43.4 42.6 41.8 41.2 40.2 40.4 39.8 37.0 34.8 35.8 34.	
Pardoo Station	36.7 33.0 35.5 35.0 37.5 35.5 34.5 36.5 35.0 36.5 35.3 35.5 37.0 36.0 35.5 38.0 36.8 37.0 41.5 41.4 39.0 36.0 36.5 38.0 36.0 36.5 35 36.7 36.7 36.9 36.7 36.9 36.7 36.9 36.9 36.9 36.9 36.9 36.9 36.9 36.9	
Port Hedland Airport	36.7 0.0 5 31.1 33.3 35.2 36.1 35.7 41.1 36.3 35.8 36.1 35.7 34.9 35.4 38.3 35.7 35.7 36.1 36.3 38.9 38.9 40.1 38.6 40.9 40.1 37.4 37.6 37.6 37.6 36.5 36.4 36.8 35 40.0 42.1 37.4 37.6 37.6 37.6 37.6 37.6 37.6 37.6 37.6	
Roebourne Fortescue (05)		0 37.0 0 31
Learmonth Airport	37.0 +0.6 7 35.8 37.2 36.0 35.9 36.1 37.1 39.6 37.0 39.6 37.0 36.4 36.6 34.4 34.3 38.3 42.6 38.7 41.3 43.1 43.1 41.2 40.7 38.7 34.2 31.7 32.3 35.5 36.6	
Mardie	38.0 +0.4 6 35.6 34.9 35.9 36.6 38.9 40.6 36.6 34.5 35.4 34.9 33.8 35.6 34.8 35.9 35.8 39.2 42.3 39.8 39.5 45.3 44.3 42.5 44.4 42.5 37.1 35.4 36.4 37.9 38.9 36.	
Onslow Airport	36.6 +0.6 7 34.9 33.6 35.3 35.7 37.8 37.1 34.3 32.5 33.7 34.0 33.9 35.0 32.5 33.9 35.3 37.9 44.2 37.2 37.3 43.8 45.6 43.7 42.4 39.6 34.1 33.4 34.9 36.8 36.8 34	
West Gascoyne (06)		30 31
Carnarvon Airport	32.2 +0.6 7 32.4 35.2 31.1 29.8 29.4 30.7 37.5 39.2 36.7 32.2 30.5 34.0 41.3 31.4 30.5 30.3 30.4 31.7 32.0 33.1 30.4 29.2 30.0 29.2 28.2 26.9 27.5 32.8 33.6 35	
Denham	31.4 33.0 33.4 31.4 30.6 30.0 30.0 36.5 42.5 33.4 32.9 31.3 30.5 39.4 31.0 32.0 30.9 30.5 32.0 31.5 30.4 29.0 26.5 27.2 27.9 28.2 28.2 24.5 29.6 30.2 33	
Emu Creek Station	38.9 +0.5 7 37.5 38.7 38.2 36.9 36.5 40.1 44.6 41.9 40.1 36.7 35.5 39.8 41.1 39.3 38.5 41.0 44.0 43.3 43.4 42.7 42.3 41.2 40.5 40.1 35.5 29.5 31.5 35.5 36.5 37	.5 37.0
Gascoyne Junction	38.0 38.7 43.0 42.5 35.5 40.2 42.0 42.5 42.5 40.6 39.5 33.5	22.0
Murchison	35.5 38.5 35.4 34.0 40.2 41.2 35.8 35.5 34.0 32.5 37.0 37.5 36.0 39.0 40.2 41.2 41.0 36.0 36.0 36.0 38.2 35.5 25.9 28.6 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 3	33.0
East Gascoyne (07) Newman Aero		7 20 0
Paraburdoo Aero	36.6 28.8 34.7 36.7 37.9 38.7 39.3 39.3 37.7 37.5 39.0 39.0 38.0 34.5 36.4 38.8 40.6 40.4 40.9 41.4 40.8 38.1 37.9 36.7 37.7 36.9 33.1 30.5 30.3 31.5 30 38.8 34.5 38.2 38.6 38.9 40.5 41.4 42.3 41.6 32.3 41.0 38.4 41.4 38.5 39.3 41.9 41.6 43.2 42.8 43.1 42.3 40.9 41.7 41.2 40.6 41.1 31.1 31.7 33.6 33.7 33	
Murchison (07A)		32.7 30 31
Meekatharra Airport	34.5 +0.3 6 21.8 33.3 36.6 37.3 37.9 38.0 38.1 37.9 33.8 37.2 36.1 33.5 39.0 38.6 38.4 41.5 40.1 38.2 36.3 36.4 34.4 36.8 37.9 25.9 24.2 26.2 28.9 30	
Mount Magnet Aero	33.4 22.1 32.6 37.0 35.6 34.9 36.5 36.0 37.5 33.4 38.0 35.0 29.1 32.4 29.7 36.5 38.6 38.2 39.6 40.2 33.6 33.7 34.0 35.4 36.4 35.8 24.2 24.0 26.1 28.1 30.1	
Paynes Find	23.2 36.7 34.8 34.0 35.2 35.1 36.1 32.7 33.6 32.2 27.3 39.2 40.0 31.2 30.6 32.1 34.1 36.5 35.6 20.6 22.8 25.7 27.7 30	
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 3	30 31
Carnamah	30.6 -2.2 2 31.7 33.4 37.7 31.4 30.6 33.9 35.0 37.0 33.6 23.8 29.3 25.0 29.8 35.8 34.5 34.5 28.5 29.5 31.6 34.0 28.5 20.0 22.5 25.6 28.2 30	
Dalwallinu	29.4 28.4 29.2 35.2 30.8 29.8 32.5 32.7 34.0 32.8 25.4 29.1 23.5 28.1 26.9 30.7 33.1 34.8 35.3 36.8 28.0 28.3 28.8 30.3 34.1 29.1 18.3 20.4 23.4 25.9 27	'.6 29.4
Eneabba	36.3 35.9 31.0 37.1 40.8 40.2 29.8 28.3 33.1 35.2 35.0 34.8 31.5 31.3 33.0 35.9 28.3 26.1 31.0	
Geraldton Airport	30.1 34.9 33.5 31.3 28.6 29.0 29.4 37.3 40.3 39.2 26.4 28.2 28.5 34.9 38.3 28.6 28.2 28.9 28.3 27.7 27.9 27.7 26.6 28.0 27.6 25.7 21.8 24.8 28.9 29.6 30	
Kalbarri	31.7 -1.0 3 34.5 31.2 30.1 30.0 29.5 32.4 39.7 41.4 37.6 27.1 29.8 31.9 38.4 34.4 30.6 28.6 28.5 31.1 29.0 32.8 30.8 29.3 30.3 33.4 27.6 22.8 26.8 30.7 32.8 33	
Morawa Airport Mullewa	32.1 32.3 33.9 37.1 32.0 31.1 34.7 36.3 38.3 33.0 25.7 30.1 26.0 31.3 35.5 31.9 36.8 36.3 36.8 37.2 30.9 31.4 31.9 33.8 36.0 29.6 22.4 23.4 26.8 28.9 30 33.0 -0.7 3 33.5 34.8 37.1 37.1 30.6 33.6 37.5 40.0 34.6 30.7 27.6 33.5 37.6 32.5 35.5 36.5 37.5 37.6 31.6 31.7 32.3 33.8 36.5 29.0 21.0 24.3 28.0 29.5 31	
Wongan Hills	29.0 -2.0 1 28.0 29.2 34.5 29.8 30.2 32.0 31.2 33.5 33.2 27.3 29.5 24.5 26.7 23.0 31.0 30.7 34.9 34.2 36.2 26.5 27.5 27.5 30.0 33.4 29.0 18.1 20.1 22.9 26.1 72.9	
Central Coast (09)		0 31
Badgingarra Research Stn	29.3 -2.7 1 32.6 31.7 33.6 28.6 29.4 33.0 33.7 35.8 34.9 26.1 28.4 25.6 29.4 25.1 28.0 33.0 32.9 32.9 30.7 27.2 27.4 28.2 29.1 32.8 25.3 19.9 22.6 24.7 27.0 28	
Bickley	25.8 30.8 28.1 29.3 24.3 25.0 29.8 30.1 30.7 31.8 27.3 23.6 22.6 25.6 19.8 26.9 26.1 29.4 29.6 29.0 23.1 23.2 24.2 24.1 27.5 22.0 16.9 20.6 22.5 24.6 24	.6 27.5
Gingin Aero	28.8 33.6 29.4 32.5 26.4 27.7 32.2 32.6 33.8 <mark>35.2</mark> 31.0 28.2 27.1 29.3 24.4 29.3 31.1 32.7 32.1 31.1 24.8 25.2 26.6 26.4 29.9 24.4 <mark>20.5</mark> 23.5 25.3 27.3 28	.4 30.7
Gosnells City	29.0 34.0 29.0 31.5 27.5 28.2 33.0 34.5 <mark>36.4</mark> 31.7 26.5 25.8 29.0 30.5 30.5 32.9 30.8 26.2 25.6 27.0 25.6 29.8 24.9 20.4 24.1 27.0 28.5 30	
Jandakot Aero	28.1 34.3 27.6 30.8 27.2 27.1 30.7 32.9 32.5 35.0 31.6 26.4 25.7 28.9 24.4 29.0 29.6 30.7 30.2 29.5 25.3 23.9 25.7 25.5 27.5 24.8 20.5 23.7 25.1 26.5 27	
Jurien Bay	36.0 31.0 28.2 28.3 35.8 37.2 35.2 28.0 28.2 28.0 33.0 29.0 27.3 28.0 27.0 26.1 26.2 26.0 25.6 21.2 25.2 29.0 30	
Karnet Lancelin	25.9 -2.0 1 31.1 28.6 29.4 24.4 24.0 29.1 28.7 31.0 31.6 28.4 23.4 21.8 25.7 20.4 25.6 26.3 29.2 29.8 30.2 23.4 23.5 23.4 23.5 23.4 23.5 27.3 22.4 17.8 21.4 23.4 24.8 24. 27.9 -0.6 3 35.0 26.5 29.3 27.5 27.0 29.5 32.5 35.5 37.0 25.7 27.0 24.5 31.0 24.5 26.7 32.5 28.0 27.0 27.5 26.5 24.0 25.0 25.5 25.7 25.0 21.5 23.5 27.0 29.0 26.	
Medina Research Centre	27.9 - U. 5 35.0 26.5 25.3 27.1 27.3 27.3 25.5 35.3 27.0 25.7 27.0 24.5 31.0 24.5 31.0 24.5 26.7 32.5 26.5 24.0 27.5 25.5 24.0 25.3 25.7 25.0 24.5 27.0 25.0 26.0 27.0 27.5 26.5 24.0 27.0 27.5 26.5 24.0 27.0 27.5 26.5 24.0 27.0 27.5 26.5 24.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	
Pearce RAAF	294 -1.1 3 33.9 30.7 33.1 28.5 29.0 33.4 33.0 34.0 35.2 32.2 28.4 26.8 29.8 24.4 30.2 31.3 32.6 33.0 32.5 26.1 26.5 27.2 27.9 30.7 24.4 20.8 24.1 25.6 27.8 28	
Perth Airport	28.4 -1.3 2 34.0 28.5 30.6 26.9 27.3 32.1 32.7 33.4 35.2 31.2 27.4 25.9 28.8 23.0 29.7 29.8 31.7 30.9 30.0 25.5 24.7 26.7 26.1 28.2 24.6 20.4 23.6 25.3 27.3 28	
Perth Metro	28.0 -1.7 1 33.8 28.3 30.3 27.3 27.5 30.1 31.1 33.5 34.8 30.8 26.2 25.6 28.2 24.4 29.2 29.7 31.3 30.1 29.3 24.9 24.2 25.6 25.4 28.2 23.7 20.4 23.6 24.9 27.4 27	.3 30.1
Rottnest Island	25.1 29.9 25.6 27.5 26.8 26.9 25.4 26.4 29.1 30.9 27.7 23.8 22.6 25.7 22.9 25.6 27.0 26.0 25.2 26.6 24.3 21.6 22.8 23.1 23.3 22.8 19.7 21.5 22.1 24.3 23	
Swanbourne	27.8 35.6 26.6 28.1 28.0 27.1 29.4 31.5 34.1 36.9 30.2 25.9 27.4 30.2 24.4 28.5 31.0 29.5 28.4 27.5 26.0 23.6 25.4 24.9 25.0 24.3 21.1 23.4 24.8 28.0 25	
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 3	
Albany Airport	22.6 27.8 23.8 25.6 28.8 27.3 23.1 22.4 23.4 24.1 22.0 18.2 19.5 21.4 20.7 19.8 19.8 23.6 26.3 25.2 22.4 18.5 22.8 23.6 24.6 23.7 17.6 19.8 20.0 20.4 21.	
Albany	21.9 -0.3 4 25.2 23.0 24.0 27.6 24.4 21.7 22.0 22.1 22.4 22.2 19.8 19.2 22.0 21.0 20.2 20.8 22.9 24.5 24.3 20.6 18.2 20.8 22.1 23.2 23.2 17.3 18.4 20.2 20 26.2 34.1 26.6 27.1 26.1 25.6 29.4 29.6 29.6 32.4 31.1 22.8 23.8 27.1 19.9 25.5 28.1 27.1 28.9 28.6 25.8 23.7 23.1 23.9 23.1 22.5 20.7 23.6 24.3 24.7 25.	
Bunbury Cape Leeuwin	26.2 40.1 26.1 27	
Cape Naturaliste	24.9 + 0.4 7 30.1 27.0 26.0 26.1 26.1 28.4 26.4 27.5 30.5 28.1 22.3 23.5 24.8 17.9 23.9 26.8 27.5 24.9 26.0 23.8 22.2 24.5 24.3 25.6 21.0 19.7 22.0 21.9 22.8 24.9 24.9 24.9 24.9 24.9 24.9 24.9 24.9	
Donnybrook	26.2 -1.8 1 33.5 27.8 28.3 29.6 31.2 31.5 30.6 20.5 22.0 26.1 19.6 23.5 26.4 25.5 30.0 31.2 25.0 22.6 25.5 26.5 27.2 23.3 19.4 23.2 23.6 26.0 26	
Dwellingup	25.9 -1.1 3 32.3 29.5 29.8 24.6 25.9 29.3 28.3 30.9 31.9 27.5 22.1 22.9 25.6 19.5 24.4 27.4 27.7 29.9 30.9 23.7 22.9 23.0 23.4 26.7 22.2 18.1 21.7 23.5 24.9 24	.4 27.3
Esperance	23.5 -1.7 1 23.4 21.7 26.2 36.8 24.9 22.4 22.0 22.6 22.5 31.3 25.5 20.3 20.8 22.8 19.9 21.7 24.7 27.7 26.3 23.4 18.4 22.8 24.8 24.2 26.6 20.2 19.7 20.7 19.7 21	
Harvey	26.9 33.5 29.0 30.2 26.8 26.8 30.0 28.8 31.0 32.8 32.0 23.5 24.2 26.5 19.8 24.0 28.2 28.5 31.8 32.0 23.0 24.5 24.5 26.0 23.0 20.0 23.5 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 25.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26	.2 28.0
Hopetoun North	20.8 19.1 25.8 30.9 23.0 23.7 19.8 20.7 21.9 29.6 18.5 19.5 19.2 20.4 21.3	
Jarrahwood	26.3 -1.4 2 33.6 33.7 31.5 26.5 26.5 28.0 30.5 31.0 30.5 28.0 20.5 22.6 25.6 18.6 21.8 24.4 25.0 29.2 29.9 25.3 22.5 25.5 26.4 27.4 23.0 20.0 23.5 22.7 26.4 27.4 23.0 20.0 23.5 27.7 26.4 27.4 23.0 20.0 23.5 27.7 26.4 27.5 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	
Mandurah Manjimup	26.5 33.7 26.4 27.0 25.6 26.1 28.5 30.9 30.4 34.2 27.4 24.1 25.2 28.2 22.7 26.2 30.3 29.9 26.9 27.5 24.2 22.6 23.9 23.8 24.9 23.8 20.2 22.4 23.1 25.3 26 23.1 -1.7 2 32.3 28.8 30.9 25.8 24.6 25.2 28.0 28.4 27.7 21.3 17.6 18.3 23.6 17.1 18.2 20.3 23.0 25.3 25.0 21.6 17.9 21.2 23.3 23.2 21.2 17.2 20.3 19.5 22.4 21	
North Walpole	25.1 -1.7 2 34.3 28.8 30.9 25.8 240 25.2 280 28.4 27.7 21.3 17.6 18.3 25.0 17.1 18.2 20.3 25.0 25.3 25.0 17.0 17.2 21.2 25.3 25.2 21.2 17.2 20.3 19.5 24.2 11. 2 25.0 25.0 25.0 25.0 25.0 25.0 25.0 2	
Pemberton	23.2 -1.3 2 20 28.0 31.0 25.5 24.8 24.0 26.0 27.6 28.0 29.1 80.1 82.5 24.8 24.0 26.0 27.6 28.0 28.4 27.1 92.2 21.0 22.0 22.5 21.0 12.2 21.0 22.0 23.0 21.0 12.2 21.0 22.0 23.0 21.0 12.2 21.0 22.0 23.0 21.0 22.0 23.0 21.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23	
Rocky Gully	23.3 30.2 26.1 30.5 28.1 26.2 24.2 26.6 27.3 27.6 27.9 18.1 19.2 23.0 18.8 18.8 19.4 24.2 25.7 25.0 21.8 18.1 23.4 23.7 25.4 23.1 16.4 20.0 20.2 22.7 22.2	
Windy Harbour	22.4 25.9 24.8 24.2 23.4 22.8 24.0 30.2 19.4 22.0 18.9 20.6 21.1 24.2 23.5 23.3 21.4 20.1 22.2 23.7 23.5 18.0 19.8 20.5 20.8 21	
Witchcliffe	24.9 32.9 30.1 29.8 24.8 26.5 26.2 26.7 27.9 30.3 29.5 19.4 22.1 24.8 18.0 23.0 25.3 27.7 28.8 25.3 24.2 21.4 23.5 23.3 23.8 20.4 19.6 21.9 20.5 23.7 23	
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 3	31
Bencubbin	28.7 -2.1 1 22.6 24.5 33.9 32.0 30.0 31.7 30.5 32.5 31.6 33.0 28.2 24.0 26.0 25.5 30.5 32.0 35.6 33.1 37.0 27.0 27.1 27.5 30.5 33.7 31.5 17.3 20.0 22.6 25.0 26	
Cunderdin Airfield	29.0 29.2 28.2 34.6 31.5 30.6 31.8 30.3 32.1 32.2 31.6 31.1 25.4 26.6 22.3 30.5 29.9 33.8 33.4 37.0 26.5 26.8 26.5 29.9 32.2 30.2 17.3 21.1 23.7 25.8 27	
Merredin	28.7 -1.6 2 23.5 25.5 33.5 33.3 31.4 33.0 31.0 32.3 32.0 32.0 29.4 25.0 26.8 25.0 29.7 28.0 34.7 33.5 35.8 26.9 26.9 28.0 33.0 17.4 21.3 23.4 26.0 26	
Northam	29.2 -1.6 2 31.6 30.9 35.2 29.7 29.2 32.0 32.0 33.0 33.1 31.2 30.4 25.7 28.2 21.8 30.0 30.1 33.5 34.0 36.1 26.2 27.1 27.0 29.8 32.4 28.3 18.9 22.2 24.0 26.3 27	
York	28.7 31.0 29.5 35.5 29.0 30.4 31.6 30.6 32.0 32.4 31.0 30.2 25.0 27.2 20.4 27.9 29.0 33.1 33.3 36.0 27.0 26.2 26.0 30.1 31.8 28.0 19.5 21.7 23.2 26.1 26.0 26.0 26.0 30.1 31.8 28.0 19.5 21.7 23.2 26.1 26.0 26.0 26.0 26.0 30.1 31.8 28.0 19.5 21.7 23.2 26.1 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0	
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 3	
Beverley	29.2 -1.6 2 31.4 31.2 35.6 29.0 29.8 32.6 31.0 32.6 32.8 30.4 28.2 25.8 28.0 21.6 29.2 28.8 33.0 33.4 35.4 27.4 26.8 28.2 29.6 32.4 28.4 18.4 22.6 25.2 27.8 27 27.4 -2.1 1 30.8 26.6 34.1 27.8 28.7 30.6 29.0 30.8 32.3 29.5 25.7 23.5 26.3 19.6 25.8 26.9 30.6 31.6 34.1 25.9 24.6 25.0 28.0 30.2 25.2 17.6 21.3 24.8 24	
Brookton Corrigin	2/A -2.1 1 30.8 26.5 34.1 2/A 28.7 30.6 29.0 30.8 32.5 29.5 25.7 25.5 26.3 19.6 25.8 26.9 30.5 31.5 34.1 26.2 24.9 24.6 25.6 28.0 30.2 25.2 1/6 21.3 24.8 24.7 27.4 -1.5 2 2.76 25.4 32.9 30.6 29.7 30.8 27.5 29.5 30.2 30.2 28.2 22.9 25.6 23.1 25.4 27.9 31.1 31.5 34.1 26.2 24.9 25.4 29.0 30.5 16.9 12.1 22.4 25.1 24.8 22.9 25.6 23.1 25.4 27.9 31.1 31.5 34.1 26.2 24.9 25.4 29.0 30.5 16.9 12.1 22.4 25.1 24.8 27.9 27.8 27.8 27.8 27.8 27.8 27.8 27.8 27.8	
Hyden	27.4 -1.5 2 27.6 25.4 32.9 30.6 29.7 30.8 27.5 29.5 31.2 33.6 29.4 23.6 27.5 29.5 21.2 25.0 25.1 25.9 25.0 25.1 25.9 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	
Jacup	27.8 -2.2 1 249 250 316 319 25.5 250 31.2 35.0 254 25.5 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.9 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0	
Narembeen	28.7 -1.6 2 24.5 24.3 32.6 32.2 30.8 32.4 30.1 31.7 32.1 31.7 32.2 31.8 25.5 28.7 29.2 33.0 33.0 35.2 26.8 26.0 27.2 29.7 32.0 32.5 19.5 21.6 24.3 25.9 26.	
Narrogin		.0 26.4
Ongerup	23.8 -2.2 1 26.5 21.2 28.5 30.5 29.0 24.6 23.3 26.0 27.8 28.6 21.0 19.0 22.1 22.0 20.0 22.5 22.4 25.8 28.5 23.8 19.6 23.2 25.4 27.0 25.4 16.0 20.5 19.8 20.5 22	
Pingelly	266 -1.8 2 29.6 25.6 33.8 27.8 28.4 29.9 28.0 29.6 30.9 29.0 25.4 22.0 25.2 18.8 25.0 26.0 30.0 31.3 33.8 26.0 24.2 25.5 27.1 29.9 24.1 17.6 21.8 23.0 24.5 24.0 25.0 26.0 30.0 31.3 33.8 26.0 24.2 25.5 27.1 29.9 24.1 17.6 21.8 23.0 24.5 24.0 25.0 26.0 30.0 31.3 33.8 26.0 24.2 25.5 27.1 29.9 24.1 17.6 21.8 23.0 24.5 24.0 25.0 26.0 30.0 31.3 33.8 26.0 24.2 25.5 27.1 29.9 24.1 17.6 21.8 23.0 24.5 24.0 25.0 26.0 30.0 31.3 33.8 26.0 24.2 25.5 27.1 29.9 24.1 17.6 21.8 23.0 24.5 24.0 25.0 26.0 30.0 31.3 33.8 26.0 24.2 25.5 27.1 29.9 24.1 17.6 21.8 23.0 24.5 24.0 25.0 26.0 30.0 30.0 31.3 33.8 26.0 24.2 25.5 27.1 29.9 24.1 17.6 21.8 23.0 24.5 24.0 25.0 26.0 30.0 30.0 31.3 33.8 26.0 24.2 25.5 27.1 29.9 24.1 17.6 21.8 23.0 24.5 24.0 25.0 26.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0 3	
Ravensthorpe	24.3 -2.4 1 23.0 20.0 23.0 34.3 30.5 26.2 21.7 24.8 27.5 31.4 25.8 19.6 22.4 21.6 20.5 23.0 27.0 26.9 26.0 23.6 19.9 24.0 26.5 29.0 28.7 15.6 19.6 21.0 21.0 22	
Wagin	25.4 -2.3 1 29.5 24.9 32.7 28.0 29.1 28.2 26.9 28.8 29.7 28.6 22.2 20.0 24.6 20.2 21.8 25.4 25.8 29.8 30.3 24.3 21.2 24.0 26.0 27.8 24.0 16.8 21.1 21.3 22.8 24	
Wandering	26.4 30.7 28.1 33.4 27.4 28.5 29.7 28.6 30.3 31.5 29.0 22.7 21.7 25.5 18.6 23.9 26.7 28.6 30.4 33.9 25.2 23.6 24.1 26.1 29.3 24.3 17.4 21.3 22.3 24.5 24	.0 27.0

Daily and mean maximum temperatures for March 2013

Mean is the average of the daily maximum temperature for March 2013; it is only shown if there are sufficient days available. Anom is the difference between the mean daily maximum temperature for March 2013 and the long-term average maximum temperature for March. Decile is the decile rank of mean daily maximum temperature for March 2013 in the climate record of other March 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 March 2013 are highlighted.

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	25.2 -2.9 1	21.2	28.4	27.2	34.5	35.6	21.8	25.0	25.1	26.0	29.2	23.1	22.5	22.6	22.0	22.0	22.0	20.4	25.0	29.2	26.5	21.5	25.4	29.0	29.5	35.2	23.6	20.2	22.7	20.3	21.3 24.1
Eucla	27.5 +2.3 10	24.3	27.8	37.1	38.9	36.7	31.2	23.4	24.9	24.1	27.5	29.6	23.1	21.1	23.2	24.5	24.8	22.5	28.8	33.0	32.2				28.0	36.0	36.9	21.8	22.1	20.5	23.0 23.3
Eyre	26.7 +1.0 8	28.4	36.9	28.5	29.1	29.8	25.8	24.8	25.9	25.9	27.6	28.3	22.1	22.8	24.1	27.2	23.1	22.1	25.9	34.7		23.0	24.7	28.2	27.8	38.4	32.9	21.7	23.2	23.7	21.1 24.2
Forrest	31.4	28.1	37.5	38.8	39.6	41.4	41.5	28.2	29.8	28.6	33.7	43.6	23.6	24.3	27.7	32.0	28.9	28.5	32.4	40.6	40.5	23.7	28.2	30.5	31.0	35.7	38.7	23.1	23.9	19.8	24.9 25.8
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	32.4	18.5	24.6	33.7	38.2	37.2	36.0	31.6	33.5	33.5	37.2	37.2	26.3	27.9	24.9	38.5	36.6	37.8	40.9	39.4	35.8	35.9	32.3	34.8	34.5	39.2	26.8	23.2	25.0	27.3	28.5 29.0
Kalgoorlie-Boulder Airport	26.8 -2.7 1	16.7	21.0	29.4	34.8	33.9	27.6	22.6	24.9	26.7	30.6	24.4	21.9	22.8	24.0	31.6	27.4	29.1	33.3	35.5	29.1	19.3	26.4	30.4	31.2	35.8	25.4	21.0	21.7	24.1	24.1 24.5
Laverton Aero	31.1	22.8	22.2	29.1	35.2	38.3	36.1	28.7	30.8	31.3	34.6	39.3	26.1	26.6	27.1	34.0	30.6	37.1	38.8	40.0	38.8	29.0	29.1	29.7	33.5	38.1	29.0	22.9	24.2	26.1	27.0 27.4
Leinster Aero	31.3	19.8	23.3	31.3	36.2	37.9	36.9	32.6	33.0	33.2	35.7	37.7	26.2	27.2	25.2	35.0	31.9	35.4	39.1	39.2	37.3	31.5	29.9	29.2	33.4	37.8	27.1	22.6	24.1	26.5	27.6 27.0
Leonora	31.6 -1.0 3	18.7	22.2	31.2	37.5	39.4	34.4	29.2	30.9	30.9	35.0	36.9	26.9	26.4	26.4	35.3	35.8	38.9	40.0	39.9	36.9	29.9	29.2	32.7	34.7	38.5	26.4	23.4	24.8	26.7	27.7
Salmon Gums Res.Stn.	24.1 -3.2 1	19.1	21.1	25.8	36.3	30.9	23.1	23.5	24.2	26.1	30.6	29.0	20.4	21.8	23.1	18.9	22.4	21.1	25.8	30.2	23.2	19.4	22.4	26.9	26.6	34.2	19.7	19.7	18.9	19.7	20.4 22.9
Southern Cross Airfield	29.1	18.1	23.3	31.9	34.8	33.6	32.0	30.5	30.1	30.4	34.3	28.8	24.9	26.1	27.0	35.0	29.8	35.1	34.4	36.0	26.5	25.8	27.8	31.2	32.7	37.7	18.2	21.5	24.0	25.5	26.4 27.5
Yeelirrie	32.7 -0.5 4	19.6	27.8	34.3	37.5	38.5	37.0	34.0	34.1	34.0	37.0	38.2	27.2	28.5	27.9	38.0	32.2	36.0	39.3	39.6	38.5	34.0	33.9	30.1	33.8	38.6	27.9	23.0	24.8	27.3	27.9
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		35.2	34.9	36.4	37.6	37.9	39.4	39.0	40.6	41.1	36.5	38.5	39.5	41.1	40.5	39.9	41.1	40.5	39.5	39.5	39.7	41.1									
Carnegie	35.2	28.8	33.4	33.8	36.4	38.0	39.5	36.0	35.5	34.5	38.5	40.4	38.1	30.9	33.4	38.6	40.5	38.9	40.6	42.4	40.9	35.9	37.9	38.4	35.9	36.2	35.4	25.5	26.4	25.0	27.6 27.6
Giles Meteorological Office	33.6 -0.1 5	28.6	32.2	32.2	36.3	38.5	39.2	35.1	37.6	37.7	37.9	38.2	39.3	32.9	34.5	36.9	37.5	36.4	36.7	38.0	39.3	37.6	34.5	33.5	33.1	32.9	36.9	23.0	20.3	17.8	22.0 25.9
Telfer Aero	38.7 +1.4 8	32.5	35.4	37.3	39.3	40.9	41.4	40.8	40.0	40.4	40.8	38.9	40.3	38.6	40.3	40.9	43.1	42.2	42.0	42.0	42.9	42.3	41.2	39.5	38.2	37.2	39.7	36.8	32.9	28.6	31.1 32.2
Warburton Airfield	34.5 +0.6 6	30.6	33.5	36.6	38.4	39.3	38.7	36.8	36.5	36.4	38.6	40.1	36.1	31.3	32.7	38.0	39.2	37.6	39.6	41.2	42.1	34.1	35.7	36.4	31.2	35.4	37.5	28.4	26.9	16.8	19.7 25.4
Wiluna	33.6 -0.4 4	25.0	30.0	33.4		38.0	37.6	34.9	34.8	34.9	37.1	39.5	30.6	27.4	30.0	40.0	36.5	39.0	41.0	40.5	39.0		35.0		34.2	38.3	28.0	23.8	25.5	28.0	29.0 28.5

Daily and mean minimum temperatures for March 2013 Mean is the average of the daily minimum temperature for March 2013; it is only shown if there are sufficient days available. Anom is the difference between the mean daily minimum temperature for March 2013 and the long-term average minimum temperature for March. Decile is the decile rank of mean daily minimum temperature for March 2013 in the climate record of other March mean daily minimum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and March 2013 which light there are

sufficient years of climate record available. The lowest and highest minimum temperatures for each site for March 2013 are highlighted.

Kalumburu Mount Elizabeth Wyndham East Kimberley (02) Me Argyle Aerodrome Halls Creek Airport Kununurra Aero Warmun West Kimberley (03) Me Bidyadanga Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Me Karratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	1	24.7 23.1 25.9 e 1 24.7 23.9 25.6 25.1 e 1 26.5 25.9 24.0 25.8	24.8 2 22.8 2 25.0 2 2 25.2 2 24.4 2 25.5 2 24.3 2 25.5 2 25.5 2 25.3 2 25.9 2	24.4 2: 21.2 2(27.1 2(3 26.1 2: 25.6 2(25.6 2: 3 25.1 2: 25.7 2:	0.7 21.7 6.0 25.4 4 5 7.6 24.4 6.6 22.5 6.3 24.3 5.7 23.4 4 5 5.5 26.8	1 26.1 7 22.2 4 26.4 6 6 4 26.4 5 24.7 3 23.9 4 25.8 6 6 8 27.5	22.0 26.4 7 25.4 21.7 24.6 25.1 7	23.1 2 21.9 2 27.0 2 8 25.3 2 24.4 2 26.0 2 8	1.5 23.3 7.4 25.6 9 10 7.6 24.7 4.1 23.9 6.0 23.9 6.4 25.0 9 10	22.8 20.8 26.5 11 25.4 23.5 25.7	22.9 22.7 26.9 12 24.8 22.5 25.9 25.3	22.9 22 23.2 22 24.2 27 13 1 24.9 25 24.8 24 24.1 26 24.4 24	.4 22.7 .8 21.2 .9 28.0 4 15 .4 26.1 .3 23.7 .6 23.4 .5 24.5	23.1 22.7 26.5 16 27.4 25.3 26.2 25.8	17.3 20 22.0 19 26.8 2 17 25.4 29 24.3 23 23.8 24	0.2 23.3 0.3 19.1 7.2 25.8 18 19 6.0 22.8 3.7 22.1 1.5 22.9 1.3 20.8	23.7 16.4 24.0 20 23.5 21.8 21.2	23.9 2 14.9 1 25.0 2 21 22.1 2 20.9 2 22.1 2 16.8 2	3.2 24. 8.2 19. 6.0 26. 22 2: 4.9 26. 0.4 22. 2.9 24.	1 23.0 2 21.7 9 27.0 8 24 4 27.5 2 24.9 5 25.3 8 26.3	24.3 2: 21.5 20 24.7 20 25 2: 23.5 20 24.6 20 24.8 20 22.8 2:	3.0 24.1 0.9 21.4 6.2 26.4 26 27 4.8 26.3 4.1 24.1 4.1 24.7	23.0 24 21.8 21 24.9 24 28 2 3 26.0 23 1 25.7 21 7 25.6 24 2 25.5 23	1.6 20.3 4.8 24.7 26.6 29 30 31 3.5 22.7 25.4 1.4 21.6 24.2 4.2 24.1 25.9 3.2 23.4 24.3 29 30 31
Mount Elizabeth Wyndham East Kimberley (02) Mingle Aerodrome Halls Creek Airport Kununurra Aero Warmun West Kimberley (03) Mingle Bidyadanga Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mingle Garage Airport Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	21.1 26.1 +0.7 8 Mean Anom Decil 25.2 23.6 +0.8 8 24.7 23.9 +0.7 8 Mean Anom Decil 26.1 +1.2 10 26.9 +1.5 10 24.2 25.3 24.2 Mean Anom Decil	23.1 25.9 e 1 24.7 23.9 25.6 25.1 e 1 26.5 25.9 24.0 25.8	22.8 2 25.0 2 25.2 2 24.4 2 25.5 2 24.3 2 2 25.5 2 25.3 2 25.3 2	21.2 20 27.1 20 3 26.1 2: 25.6 2: 25.6 2: 25.6 2: 3 25.1 2: 25.7 2:	0.7 21.7 6.0 25.4 4 5 7.6 24.4 6.6 22.5 6.3 24.3 5.7 23.4 4 5 5.5 26.8	7 22.2 4 26.4 6 6 4 26.4 5 24.7 3 23.9 4 25.8 6 6 8 27.5	22.0 26.4 7 25.4 21.7 24.6 25.1 7	21.9 2 27.0 2 8 25.3 2 24.4 2 26.0 2 26.0 2	1.5 23.3 7.4 25.6 9 10 7.6 24.7 4.1 23.9 6.0 23.9 6.4 25.0 9 10	20.8 26.5 11 25.4 23.5 25.7 24.2	22.7 26.9 12 24.8 22.5 25.9 25.3	23.2 22 24.2 27 13 1 24.9 25 24.8 24 24.1 26 24.4 24	.8 21.2 .9 28.0 4 15 .4 26.1 .3 23.7 .6 23.4 .5 24.5	22.7 26.5 16 27.4 25.3 26.2 25.8	22.0 19 26.8 27 17 25.4 29 24.3 23 23.8 24 24.0 23	9.3 19.1 7.2 25.8 18 19 5.0 22.8 8.7 22.1 4.5 22.9 1.3 20.8	16.4 24.0 20 23.5 21.8 21.2 19.5	14.9 1 25.0 2 21 22.1 2 20.9 2 22.1 2 16.8 2	8.2 19. 6.0 26. 22 2: 4.9 26. 0.4 22. 2.9 24. 0.0 21.	2 21.7 9 27.0 8 24 4 27.5 2 24.9 5 25.3 8 26.3	21.5 20 24.7 20 25 2 23.5 2 24.6 2 24.8 2 22.8 2	0.9 21.4 6.2 26.4 26 27 4.8 26.3 4.1 24.1 4.1 24.7 3.8 25.2	21.8 21 24.9 24 28 2 3 26.0 23 1 25.7 21 7 25.6 24 2 25.5 23	1.6 20.3 4.8 24.7 26.6 29 30 31 3.5 22.7 25.4 1.4 21.6 24.2 4.2 24.1 25.9 3.2 23.4 24.3 29 30 31
Wyndham East Kimberley (02) Mr. Argyle Aerodrome Halls Creek Airport Kununurra Aero Warmun West Kimberley (03) Mr. Bidyadanga Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mr. Karratha Aero Mandora Mandora Marbie Bar Pardoo Station Port Hedland Airport Roebourne	26.1 +0.7 8 Rean Anom Decil 25.2 23.6 +0.8 8 24.7 23.9 +0.7 8 Rean Anom Decil 26.1 +1.2 10 26.9 +1.5 10 24.2 25.3 25.3 24.2 Rean Anom Decil	25.9 e 1 24.7 23.9 25.6 25.1 e 1 26.5 25.9 24.0 25.8	25.0 2 2 25.2 2 24.4 2 25.5 2 24.3 2 2 25.5 2 25.3 2 2.9 2	27.1 20 3 26.1 2: 25.6 2: 26.2 2: 25.6 2: 3 25.1 2: 25.7 2:	6.0 25.4 5.7.6 24.4 6.6 22.5 6.3 24.3 5.7 23.4 5.5 26.8	4 26.4 6 6 4 26.4 5 24.7 3 23.9 4 25.8 6 6 8 27.5	26.4 7 25.4 21.7 24.6 25.1 7	27.0 2 8 25.3 2 24.4 2 26.0 2 26.0 2	7.4 25.6 9 10 7.6 24.7 4.1 23.9 6.0 23.9 6.4 25.0 9 10	26.5 11 25.4 23.5 25.7 24.2	26.9 12 24.8 22.5 25.9 25.3	24.2 27 13 1 24.9 25 24.8 24 24.1 26 24.4 24	.9 28.0 4 15 .4 26.1 .3 23.7 .6 23.4 .5 24.5	26.5 16 27.4 25.3 26.2 25.8	26.8 2: 17 25.4 2: 24.3 2: 23.8 2: 24.0 2:	7.2 25.8 18 19 5.0 22.8 3.7 22.1 1.5 22.9 1.3 20.8	24.0 20 23.5 21.8 21.2 19.5	25.0 2 21 22.1 2 20.9 2 22.1 2 16.8 2	6.0 26. 22 23 4.9 26. 0.4 22. 2.9 24. 0.0 21.	9 27.0 3 24 4 27.5 2 24.9 5 25.3 8 26.3	24.7 26 25 2 23.5 24 24.6 24 24.8 24 22.8 25	6.2 26.4 26 27 4.8 26.3 4.1 24.1 4.1 24.7 3.8 25.2	24.9 24 28 23 3 26.0 23 1 25.7 21 7 25.6 24 2 25.5 23 28 3	4.8 24.7 26.6 29 30 31 3.5 22.7 25.4 1.4 21.6 24.2 4.2 24.1 25.9 3.2 23.4 24.3 29 30 31
East Kimberley (02) Mc Argyle Aerodrome Halls Creek Airport Kununurra Aero Warmun West Kimberley (03) Mc Bidyadanga Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mc Karratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne Marloe Bar Roerod Port Hedland Airport Roebourne Malls Crowne Mandora Marble Bar Pardoo Station	Tean Anom Decil 25.2 23.6 +0.8 8 24.7 23.9 +0.7 8 Tean Anom Decil 26.1 +1.2 10 24.2 25.3 24.2 Tean Anom Decil 24.2	24.7 23.9 25.6 25.1 26.5 25.9 24.0 25.8	2 25.2 24.4 25.5 2 24.3 2 25.5 2 25.3 2 25.9	3 26.1 2: 25.6 2: 26.2 2: 25.6 2: 3 25.1 2: 25.7 2:	4 5 7.6 24.4 6.6 22.5 6.3 24.3 5.7 23.4 4 5 5.5 26.8	6 6 4 26.4 5 24.7 3 23.9 4 25.8 6 6 8 27.5	7 25.4 21.7 24.6 25.1 7	8 25.3 2 24.4 2 26.0 2 26.0 2	9 10 7.6 24.7 4.1 23.9 6.0 23.9 6.4 25.0 9 10	25.4 23.5 25.7 24.2	24.8 22.5 25.9 25.3	13 1 24.9 25 24.8 24 24.1 26 24.4 24	4 26.1 .4 26.1 .3 23.7 .6 23.4 .5 24.5	27.4 25.3 26.2 25.8	25.4 25 24.3 25 23.8 24 24.0 25	18 19 5.0 22.8 3.7 22.1 4.5 22.9 1.3 20.8	20 23.5 21.8 21.2 19.5	21 22.1 2 20.9 2 22.1 2 16.8 2	22 2: 4.9 26. 0.4 22. 2.9 24. 0.0 21.	3 24 4 27.5 2 24.9 5 25.3 8 26.3	25 23.5 24.6 24.8 24.8 22.8 23.5 24.6 24.6 24.8 24.8	26 27 4.8 26.3 4.1 24.1 4.1 24.7 3.8 25.2	28 26.0 23 1 25.7 21 7 25.6 24 2 25.5 23 28 2	29 30 31 3.5 22.7 25.4 1.4 21.6 24.2 4.2 24.1 25.9 3.2 23.4 24.3 29 30 31
Argyle Aerodrome Halls Creek Airport Kununurra Aero Warmun West Kimberley (03) Mr. Bidyadanga Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mr. Karratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	25.2 23.6 +0.8 8 24.7 23.9 +0.7 8 Mean Anom Decil 26.1 +1.2 10 26.9 +1.5 10 24.2 Mean Anom Decil	24.7 23.9 25.6 25.1 e 1 26.5 25.9 24.0 25.8	25.2 2 24.4 2 25.5 2 24.3 2 2 25.5 2 25.3 2 22.9 2	26.1 2: 25.6 2: 26.2 2: 25.6 2: 3 25.1 2: 25.7 2:	7.6 24.4 6.6 22.5 6.3 24.3 5.7 23.4 4 5 5.5 26.8	4 26.4 5 24.7 3 23.9 4 25.8 6 6 8 27.5	25.4 21.7 24.6 25.1 7	25.3 2 24.4 2 26.0 2 26.0 2	7.6 24.7 4.1 23.9 6.0 23.9 6.4 25.0 9 10	25.4 23.5 25.7 24.2	24.8 22.5 25.9 25.3	24.9 25 24.8 24 24.1 26 24.4 24	.4 26.1 .3 23.7 .6 23.4 .5 24.5	27.4 25.3 26.2 25.8	25.4 25 24.3 25 23.8 24 24.0 25	5.0 22.8 5.7 22.1 6.5 22.9 6.3 20.8	23.5 21.8 21.2 19.5	22.1 2 20.9 2 22.1 2 16.8 2	4.9 26. 0.4 22. 2.9 24. 0.0 21.	4 27.5 2 24.9 5 25.3 8 26.3	23.5 24 24.6 24 24.8 24 22.8 25	4.8 26.3 4.1 24.1 4.1 24.7 3.8 25.2	3 26.0 23 1 25.7 21 7 25.6 24 2 25.5 23 28 2	3.5 22.7 25.4 1.4 21.6 24.2 4.2 24.1 25.9 3.2 23.4 24.3 29 30 31
Halls Creek Airport Kununurra Aero West Kimberley (03) Mr. Bidyadanga Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mr. Karratha Aero Mandora Maharbe Bar Pardoo Station Port Hedland Airport Roebourne	23.6 +0.8 8 24.7 23.9 +0.7 8 Rean Anom Decil 26.1 +1.2 10 26.9 +1.5 10 24.2 25.3 24.2 Rean Anom Decil	23.9 25.6 25.1 e 1 26.5 25.9 24.0 25.8	24.4 2 25.5 2 24.3 2 2 25.5 2 25.3 2 22.9 2	25.6 20 26.2 20 25.6 20 3 25.1 20 25.7 20	6.6 22.5 6.3 24.3 5.7 23.4 4 5 5.5 26.8	5 24.7 3 23.9 4 25.8 6 6 8 27.5	21.7 24.6 25.1 7	24.4 2- 26.0 2- 26.0 2- 8	4.1 23.9 6.0 23.9 6.4 25.0 9 10	23.5 25.7 24.2	22.5 25.9 25.3	24.8 24 24.1 26 24.4 24	.3 23.7 .6 23.4 .5 24.5	25.3 26.2 25.8	24.3 2: 23.8 2: 24.0 2:	3.7 22.1 4.5 22.9 1.3 20.8	21.8 21.2 19.5	20.9 2 22.1 2 16.8 2	0.4 22. 2.9 24. 0.0 21.	2 24.9 5 25.3 8 26.3	24.6 24 24.8 24 22.8 25	4.1 24.1 4.1 24.7 3.8 25.2	25.7 21 7 25.6 24 2 25.5 23 28 2	1.4 21.6 24.2 4.2 24.1 25.9 3.2 23.4 24.3 29 30 31
Warmun West Kimberley (03) Mi Bidyadanga Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mi Karratha Aero Mandora Marbie Bar Pardoo Station Port Hedland Airport Roebourne	23.9 +0.7 8 Mean Anom Decil 26.1 +1.2 10 26.9 +1.5 10 24.2 25.3 24.2 Mean Anom Decil	25.1 e 1 26.5 25.9 24.0 25.8	24.3 2 2 25.5 2 25.3 2 22.9 2	25.6 25 3 25.1 25 25.7 25	5.7 23.4 4 5 5.5 26.8	4 25.8 6 6 8 27.5	25.1 7	26.0 2	6.4 25.0 9 10	24.2	25.3	24.4 24	.5 24.5	25.8	24.0 2	.3 20.8	19.5	16.8 2	0.0 21.	8 26.3	22.8 2	3.8 25.2	2 25.5 23 28 2	3.2 23.4 24.3 29 30 31
Warmun West Kimberley (03) Mi Bidyadanga Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mi Karratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	23.9 +0.7 8 Mean Anom Decil 26.1 +1.2 10 26.9 +1.5 10 24.2 25.3 24.2 Mean Anom Decil	25.1 e 1 26.5 25.9 24.0 25.8	24.3 2 2 25.5 2 25.3 2 22.9 2	25.6 25 3 25.1 25 25.7 25	5.7 23.4 4 5 5.5 26.8	4 25.8 6 6 8 27.5	25.1 7	26.0 2	6.4 25.0 9 10	24.2	25.3	24.4 24	.5 24.5	25.8	24.0 2	.3 20.8	19.5	16.8 2	0.0 21.	8 26.3	22.8 2	3.8 25.2	2 25.5 23 28 2	3.2 23.4 24.3 29 30 31
Bidyadanga Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mc Karratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	26.1 +1.2 10 26.9 +1.5 10 24.2 25.3 24.2 Mean Anom Decil	26.5 25.9 24.0 25.8	25.5 2 25.3 2 22.9 2	25.1 2! 25.7 2	5.5 26.8	8 27.5	-			11	4.2				17	18 19	20	21	22 2	24	25	26 27		
Broome Airport Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mandora Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	26.9 +1.5 10 24.2 25.3 24.2 Mean Anom Decil	25.9 24.0 25.8	25.3 22.9	25.7 2			27.2				12	13 1	4 15	16	1/									
Curtin Aero Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Karratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	24.2 25.3 24.2 Mean Anom Decil	24.0 25.8	22.9		7.6 28							27.0 27												4.3 23.5 23.2
Cygnet Bay Derby Aero Fitzroy Crossing Aero De Grey (04) Mc Karratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	25.3 24.2 Mean Anom Decil	25.8		71.5 2																				7.2 25.7 26.1
Derty Aero Fitzroy Crossing Aero De Grey (04) Mandora Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	24.2 Mean Anom Decil												.3 21.5	26.3					5.1 23.					6.1 24.3 25.8
Fitzroy Crossing Aero De Grey (04) Mritikarratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	24.2 Mean Anom Decil	75.9							6.0 24.2							.9 26.0				23.9		4.0 25.0		26.4
De Grey (04) Mic Karratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	lean Anom Decil																							5.9 25.3 26.0
Karratha Aero Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne							24.6 7								25.5 2. 17									5.5 25.0 25.4 29 30 31
Mandora Marble Bar Pardoo Station Port Hedland Airport Roebourne	20.4		2	-	4 5		•	-				13 1					20		22 2					29 30 31 4.9 23.0 23.3
Marble Bar Pardoo Station Port Hedland Airport Roebourne	25.3 +1.4 10																							5.3 23.4 23.0
Pardoo Station 2 Port Hedland Airport 2 Roebourne 2	25.3																							3.9 21.9 21.3
Port Hedland Airport 2 Roebourne 2	25.8	20.4	24.3						6.0 27.0															6.0 24.0 27.0
Roebourne	25.5 +1.0 8	21.2	26.1																					5.6 23.4 22.1
	26.0 +0.7 8																							7.1 23.6 24.0
	lean Anom Decil		2	3	4 5		7	8	9 10		12	13 1				18 19	20		22 2			26 27		29 30 31
	22.8 -0.1 4	23.0	22.5	22.4 2	1.9 22.	7 21.3	23.9	26.8 2	5.2 26.6	21.7		26.2 23			24.0 2	.2 26.2	25.5	24.7 2	2.6 21.	3 20.4	21.6 19	9.5 17.€	19.7 21	1.1 19.8 17.9
Mardie	25.2 +1.1 8	23.0	24.9	25.4 2	4.2 25.	7 25.7	24.7	25.5 2	6.0 27.2	25.6	24.9	26.5 26	.0 25.6	25.2	26.9 2	6.6 24.8	25.4	31.7 2	7.6 27.	1 24.2	23.7 2	3.1 20.2	23.1 24	4.4 21.9 24.8
Onslow Airport 2	25.1 +1.1 9	23.7	24.4	25.3 2	4.2 25.0	0 24.6	25.0	26.3 2	5.4 26.5	24.9	24.5	25.6 26	.0 25.3	25.0	28.2 2	.9 25.5	27.4	30.1 2	8.3 26.	1 25.1	22.7 2	2.2 20.5	24.8 27	2.6 20.5 24.4
West Gascoyne (06) Me	lean Anom Decil	e 1	2	3	4 5	6	7	8	9 10	11	12	13 1	4 15	16	17	18 19	20	21	22 2	3 24	25	26 27	28 2	29 30 31
	22.4 +0.3 6																							7.3 14.5 18.2
	22.0																							8.0 16.0 18.0
	23.7 -0.1 5				2.5 23.0	22.2			7.5 25.5			25.2 26	.0 24.1							0 21.5			22.5 22	2.1 19.6 21.5
Gascoyne Junction		23.5	2	23.0	0.0		21.0		2.2	24.0		22 = -	0.00	24.0		.4 28.0			2.0		19.0 1			4.0
Murchison	1 1 ·	22.0	_		9.0 20.0		_		2.2 22.0												17.2 1			4.0
,	Mean Anom Decil		10.0		4 5	-	7	8 26 0 2	9 10		12	13 1				18 19	20		22 2:			26 27		29 30 31 7.7 17.9 15.3
	22.9 24.2																							
	24.2 Mean Anom Decil		21.3 2	3	3.8 23.9 4 5		27.9 7	30.8 2	4.5 23.0 9 10	26.7		24.2 26 13 1			23./ 20 17		28.8		3.2 25. 22 2 :			0.8 18.7 26 27		0.6 22.4 20.9 29 30 31
	20.5 -0.8 3						-																	4.3 15.5 15.4
	19.4																							4.5 13.5 13.4 4.6 13.8 17.2
Paynes Find	25.4	19.3							2.2 21.1				.5 15.5	23.2							18.5 14			9.0 11.0 13.8
	lean Anom Decil	e 1	2		4 5		7			11		13 1	4 15	16	17	18 19	20	21	22 2	3 24	25	26 27		29 30 31
	16.5 -0.8 3		14.5	17.5 1	8.2 15.		19.2	20.5 2	4.5 22.1						1	.5 18.5					15.0 1			2.8 14.3 15.9
Dalwallinu 1	15.6	18.0	15.4	15.8 1	7.2 13.	4 15.5	17.4	18.5 2	1.0 21.2	18.9	11.2	12.5 16	4 18.5	18.3					3.9 13.				10.9 10	0.7 12.0 12.9
Eneabba		20.9	14.6		15.1	1 14.8	20.4	2	2.2	19.6	12.8	16.2 18	.5	16.7	18	3.0 17.3		22.0 1	4.5 13.	0	13.4 1	3.8	10.7	15.0
Geraldton Airport	17.3	21.3	15.7	14.5 1	3.4 15.5	8 16.1	17.7	21.0 2	5.2 21.9	20.2	15.8	15.5 24	.0 22.4	18.8	18.0 19	9.3 20.4	20.9	17.1 1	6.0 14.	2 14.1	14.4 1	5.4 11.9	11.0 13	3.5 12.3 14.8
	18.6 -0.6 3																							6.6 16.9 19.9
	17.3																							1.8 13.9 13.8
	17.9 -0.4 4				8.6 17.:																			4.0 14.2 16.6
	15.5 -0.9 3								9.5 23.5															3.1 14.8 14.2
	Mean Anom Decil		2	3	4 5		17.6	8	9 10 2.6 20.1			13 1				18 19			22 2			26 27		29 30 31 3.4 14.6 16.3
	13.9								5.2 20.0															2.1 11.9 11.9
	14.5								0.4 24.0															1.8 11.1 12.4
Gosnells City	14.5	20.2			9.5 15.4				9.5 22.0					20.0	15.0 1	.4 10.5			4.8 14.					4.0 16.5 17.0
	14.8	19.2													18.8 1	.2 17.0								3.7 12.6 12.4
Jurien Bay		18.0							2.0 22.0				18.0			7.0 18.2					14.0 1			10.7 14.2
	14.0 -0.1 5	17.2	15.0	14.7 1					6.0 19.8															2.7 11.9 11.6
Lancelin 1	16.0 -0.7 3	16.3	12.3	16.0 1	3.0 16.0	0 17.0	18.7	19.3 1	9.0 22.0	20.0	10.0	12.0 16	7 16.0		19.0 1	3.7 21.0	20.5	17.0 1	2.7 15.	0 13.7	15.0	10.0	12.0 12	2.0 14.0 15.0
	15.5																							5.0 12.0 13.1
	15.4 -0.6 4																							3.6 13.4 15.7
	15.2 -0.7 3																							2.4 14.0 13.0
	16.1 -0.5 4																							4.5 13.1 12.4
	18.4																							7.0 16.6 16.8
	16.3																							5.3 12.5 14.2
	Mean Anom Decil 13.7		16.0				-		9 10										22 2			26 27		29 30 31 2.5 10.3 8.6
	16.1 +1.4 9								6.0 18.3															14.0 11.9
	13.5																							0.8 10.5 10.9
	17.4 +0.7 9																							5.1 15.3 14.7
	15.4 +0.4 7																							3.2 12.6 12.9
	13.3 +0.4 7																							1.5 10.3 12.5
Dwellingup 1	13.0 +0.1 6				6.3 11.9	9 13.9	16.2	14.2 1	5.0 19.9	18.6	6.6	9.1 14	.3 14.1	17.1	18.5 1	3.3 17.2	16.2	12.3	7.7 8.	6 8.1	11.4 1	1.0 5.1	8.0 10	0.6 12.4 8.4
	15.7 +0.6 9																							4.3 15.5 11.6
Harvey				16.0 1					4.8 20.0			16		18.0		3.8 18.2	16.0	12.5 1	0.2 10.	5 10.5	1	2.8	10.2 11	1.5 9.5 13.0
Hopetoun North									2.4 13.4															
	11.0 -0.5 4																							7.3 5.2 5.4
	17.4																							5.6 15.5 15.0
	12.7 +0.2 7																							2.1 8.8 9.9
	14.7 13.5 +0.8 8								3.4 16.4 2.1 17.4														9.5 12.1	3.8 12.4 10.8
	13.5 +0.8 8 12.1																							2.7 9.0 1.9 6.4 8.2
	14.4			13.7 1		13.8	17.1			18.2						7.5 16.8								2.3 11.8 9.9
	13.3					5 15.9															_		9.0 10	
	Mean Anom Decil		2		4 5				9 10															29 30 31
	15.3 -0.9 3				7.6 14.8																			2.3 12.5 13.5
	15.3								7.3 23.1	18.7														2.8 13.3 12.0
	15.1 -1.1 3	17.7	15.8	14.3 1	6.0 14.4	4 17.0	17.5	15.4 1	7.0 20.5	18.9	10.0	11.5 16	.8 17.0	16.6	18.4 1	.0 18.8	19.4	15.0 1	2.1 11.	3	1	3.6 6.8		2.5 13.4 13.7
	15.3 -0.1 5	17.8	17.0	15.0 1	5.4 14.:	1 16.7	16.6	16.1 1	7.5 23.2	18.1	10.1	11.5 17	6 15.5	18.5										3.1 13.0 12.2
Northam 1	14.2		16.0	13.4 1	5.4 11.	7 16.8	16.8		7.0 21.8												14.5 1			1.5 11.4 10.2
York 1			2		4 5				9 10			13 1				18 19			22 2			26 27		29 30 31
York South Central (10A) Me	lean Anom Decil	10 4	16.6	14.4 1					6.4 21.6												13.2 1		9.6 17	2.4 11.2 11.4
York 1 South Central (10A) Me Beverley 1	14.4 -0.3 5						15.0	15.0 1	5.8 20.4	18.5	8.9	9.6 14	.4 15.1	17.4	18.1 1	3.0 19.0	18.1	142 1	0.6	12 1	14 F 1			
York South Central (10A) Me Beverley Sprookton	14.4 -0.3 5 14.3 0.0 6	16.4	16.2	13.1 1	3.2 11.4																14.5 1			12.2 12.1
York 1 South Central (10A) Mc Beverley 1 Brookton 1 Corrigin 1	14.4 -0.3 5 14.3 0.0 6 14.3 0.0 6	16.4 15.2	16.2 1 16.4 1	13.1 13 13.5 10	6.0 10.9	9 17.0	16.2	15.0 1	5.4 21.0						18.2 1	3.2 18.9	19.5	13.8 1	1.1 11.	4 11.5	14.1 1	2.9 7.2	7.8 12	2.4 13.1 12.0
York 1 South Central (10A) Mile Beverley 3 Brookton 5 Corrigin 3 Hyden 3	14.4 -0.3 5 14.3 0.0 6 14.3 0.0 6 14.0 -0.2 5	16.4 15.2 16.5	16.2 1 16.4 1 15.8 1	13.1 1: 13.5 1: 16.5 1:	6.0 10.9 5.5 15.9	9 17.0 5 17.7	16.2 16.4	15.0 1 15.0 1	5.4 21.0 4.9 20.5	18.5	8.2	7.0 13	.0 15.2	16.8	18.2 1 17.5 1	3.2 18.9 7.4	19.5 18.5	13.8 1 13.2	1.1 11. 8.6 9.	4 11.5 6 10.9	14.1 1 16.2 1	2.9 7.2 4.0 6.0	7.8 12	2.4 13.1 12.0 8.6
York 1 South Central (10A) MM Beverley 1 Brookton 2 Corrigin 3 Hyden 3 Jacup 3	14.4 -0.3 5 14.3 0.0 6 14.3 0.0 6 14.0 -0.2 5 12.3	16.4 15.2 16.5 11.7	16.2 1 16.4 1 15.8 1 15.3 1	13.1 1: 13.5 1: 16.5 1: 16.7 1:	6.0 10.9 5.5 15.9 5.7 13.9	9 17.0 5 17.7 9 14.1	16.2 16.4 13.9	15.0 1 15.0 1 14.9 1	5.4 21.0 4.9 20.5 0.2 15.4	18.5 18.1	8.2 6.9	7.0 13 11.0 9	.0 15.2 .3 14.0	16.8 14.7	18.2 18 17.5 13 16.6 16	3.2 18.9 7.4 5.5 13.5	19.5 18.5 16.7	13.8 1 13.2 6.6	1.1 11. <mark>8.6 9.</mark> 7.1 8.	4 11.5 6 10.9 8 8.0	14.1 13 16.2 14 11.9 13	2.9 7.2 4.0 6.0 2.3 8.4	7.8 12 7.2 8 7.5 10	2.4 13.1 12.0 8.6 0.9 11.1 9.0
York 3 South Central (10A) MM Beverley 1 Brookton 1 Corrigin 1 Hyden 1 Jacup 1 Narembeen 1	14.4 -0.3 5 14.3 0.0 6 14.3 0.0 6 14.0 -0.2 5 12.3 14.9 +0.1 6	16.4 15.2 16.5 11.7 16.9	16.2 1 16.4 1 15.8 1 15.3 1 17.0 1	13.1 1: 13.5 1: 16.5 1: 16.7 1: 18.4 1:	6.0 10.9 5.5 15.5 5.7 13.9 7.5 15.2	9 17.0 5 17.7 9 14.1 2 17.1	16.2 16.4 13.9 17.2	15.0 1: 15.0 1: 14.9 1: 14.5 1:	5.4 21.0 4.9 20.5 0.2 15.4 5.8 21.6	18.5 18.1 19.4	8.2 6.9 9.2	7.0 13 11.0 9 10.2 14	.0 15.2 .3 14.0 .1 16.1	16.8 14.7 17.2	18.2 18 17.5 17 16.6 10 18.4 18	3.2 18.9 7.4 5.5 13.5 3.2 18.9	19.5 18.5 16.7 19.2	13.8 1 13.2 6.6 14.6 1	1.1 11. 8.6 9. 7.1 8. 1.0 10.	4 11.5 6 10.9 8 8.0 9 13.9	14.1 1: 16.2 1: 11.9 1: 16.9 1:	2.9 7.2 4.0 6.0 2.3 8.4 3.8 7.4	7.8 12 7.2 8 7.5 10 8.4 7	2.4 13.1 12.0 8.6 0.9 11.1 9.0 7.6 12.2 12.2
York 1 South Central (10A) Mc Beverley 1 Brookton 1 Corrigin 1 Hyden 1 Jacup 1 Narembeen 1 Narrogin 1	14.4 -0.3 5 14.3 0.0 6 14.3 0.0 6 14.0 -0.2 5 12.3 14.9 +0.1 6 13.1 +0.1 6	16.4 15.2 16.5 11.7 16.9 15.0	16.2 1 16.4 1 15.8 1 15.3 1 17.0 1 16.5 1	13.1 13.1 13.5 10.1 16.5 15.1 16.7 15.1 13.0 14.1 13.0 1	6.0 10.9 5.5 15.5 5.7 13.9 7.5 15.3 4.0 11.5	9 17.0 5 17.7 9 14.1 2 17.1 5 16.3	16.2 16.4 13.9 17.2 15.0	15.0 1: 15.0 1: 14.9 1: 14.5 1: 13.9 1:	5.4 21.0 4.9 20.5 0.2 15.4 5.8 21.6 4.5 18.9	18.5 18.1 19.4 18.6	8.2 6.9 9.2 8.9	7.0 13 11.0 9 10.2 14 7.8 12	.0 15.2 .3 14.0 .1 16.1 .9 14.5	16.8 14.7 17.2 16.7	18.2 13 17.5 1 16.6 10 18.4 13 17.9 1	3.2 18.9 7.4 5.5 13.5 3.2 18.9 7.7 17.4	19.5 18.5 16.7 19.2 17.0	13.8 1 13.2 6.6 14.6 1 12.3	1.1 11. 8.6 9. 7.1 8. 1.0 10. 7.9 9.	4 11.5 6 10.9 8 8.0 9 13.9 6 8.5	14.1 1: 16.2 1- 11.9 1: 16.9 1: 11.8 1:	2.9 7.2 4.0 6.0 2.3 8.4 3.8 7.4 1.5 6.4	7.8 12 7.2 8 7.5 10 4 8.4 7 7.0 10	2.4 13.1 12.0 8.6 0.9 11.1 9.0 7.6 12.2 12.2 0.5 13.0 9.4
York 1 Beverley 9 Brookton 2 Corrigin 1 Hyden 1 Jacup 1 Narembeen 1 Narrogin 1 Ongerup 1	14.4 -0.3 5 14.3 0.0 6 14.3 0.0 6 14.0 -0.2 5 12.3 14.9 +0.1 6 13.1 +0.1 6 12.8 -0.4 4	16.4 15.2 16.5 11.7 16.9 15.0 13.2	16.2 1 16.4 1 15.8 1 15.3 1 17.0 1 16.5 1	13.1 13 13.5 10 16.5 13 16.7 13 18.4 13 13.0 14 16.6 14	6.0 10.9 5.5 15.9 5.7 13.9 7.5 15.2 4.0 11.9	9 17.0 5 17.7 9 14.1 2 17.1 5 16.3 0 16.5	16.2 16.4 13.9 17.2 15.0 14.4	15.0 1: 15.0 1: 14.9 1: 14.5 1: 13.9 1: 14.8 1:	5.4 21.0 4.9 20.5 0.2 15.4 5.8 21.6 4.5 18.9 2.8 16.6	18.5 18.1 19.4 18.6 18.2	8.2 6.9 9.2 8.9 8.0	7.0 13 11.0 9 10.2 14 7.8 12 8.6 10	.0 15.2 .3 14.0 .1 16.1 .9 14.5 .7 14.4	16.8 14.7 17.2 16.7 15.5	18.2 18 17.5 1 16.6 10 18.4 18 17.9 1 17.5 1	3.2 18.9 7.4 5.5 13.5 3.2 18.9 7.7 17.4 7.0 15.5	19.5 18.5 16.7 19.2 17.0 16.0	13.8 1 13.2 6.6 14.6 1 12.3 8.0	1.1 11. 8.6 9. 7.1 8. 1.0 10. 7.9 9. 7.4 9.	4 11.5 6 10.9 8 8.0 9 13.9 6 8.5 5 8.5	14.1 1: 16.2 14 11.9 1: 16.9 1: 11.8 1: 11.8 1:	2.9 7.2 4.0 6.0 2.3 8.4 3.8 7.4 1.5 6.4 2.2 9.4	7.8 12 7.2 8 7.5 10 8.4 7 7.0 10 8.2 13	2.4 13.1 12.0 8.6 0.9 11.1 9.0 7.6 12.2 12.2 0.5 13.0 9.4 3.5 11.5 8.5
York 1 South Central (10A) Mc Beverley 1 Brookton 1 Corrigin 1 Hyden 1 Jacup 1 Narembeen 1 Narrogin 0 Ongerup 1 Pingelly 1	14.4 -0.3 5 14.3 0.0 6 14.3 0.0 6 14.0 -0.2 5 12.3 14.9 +0.1 6 12.8 -0.4 4 13.9 -0.8 3	16.4 15.2 16.5 11.7 16.9 15.0 13.2 16.4	16.2 1 16.4 1 15.8 1 15.3 1 17.0 1 16.5 1 16.0 1 16.5 1	13.1 1: 13.5 10 16.5 1: 16.7 1: 18.4 1: 13.0 14 16.6 14 14.4 14	6.0 10.9 5.5 15.1 5.7 13.9 7.5 15.2 4.0 11.9 4.0 12.0 4.2 12.0	9 17.0 5 17.7 9 14.1 2 17.1 5 16.3 0 16.5 6 15.9	16.2 16.4 13.9 17.2 15.0 14.4 15.4	15.0 1: 15.0 1: 14.9 1: 14.5 1: 13.9 1: 14.8 1: 14.6 1:	5.4 21.0 4.9 20.5 0.2 15.4 5.8 21.6 4.5 18.9 2.8 16.6 5.4 19.6	18.5 18.1 19.4 18.6 18.2 18.6	8.2 6.9 9.2 8.9 8.0 9.2	7.0 13 11.0 9 10.2 14 7.8 12 8.6 10 9.7 13	.0 15.2 .3 14.0 .1 16.1 .9 14.5 .7 14.4 .8 14.2	16.8 14.7 17.2 16.7 15.5 16.9	18.2 18 17.5 17 16.6 10 18.4 18 17.9 17 17.5 17	3.2 18.9 7.4 5.5 13.5 3.2 18.9 7.7 17.4 7.0 15.5 7.8 18.6	19.5 18.5 16.7 19.2 17.0 16.0	13.8 1 13.2 6.6 14.6 1 12.3 8.0 13.4	1.1 11. 8.6 9. 7.1 8. 1.0 10. 7.9 9. 7.4 9. 9.9 11.	4 11.5 6 10.9 8 8.0 9 13.9 6 8.5 5 8.5 6 10.5	14.1 1: 16.2 14 11.9 1: 16.9 1: 11.8 1: 11.8 1: 14.3 1:	2.9 7.2 4.0 6.0 2.3 8.4 3.8 7.4 1.5 6.4 2.2 9.4 2.1 6.7	7.8 12 7.2 8 7.5 10 8.4 7.5 10 8.4 7 1 7.0 10 8.2 13 7 8.2 12	2.4 13.1 12.0 8.6 0.9 11.1 9.0 7.6 12.2 12.2 0.5 13.0 9.4 3.5 11.5 8.5 2.3 11.5 12.5
York 1 South Central (10A) Mc Beverley 1 Brookton 2 Corrigin 1 Hyden 1 Jacup 3 Narembeen Narogin Ongerup 1 Pingelly 1 Ravensthorpe 1	14.4 -0.3 5 14.3 0.0 6 14.3 0.0 6 14.0 -0.2 5 12.3 14.9 +0.1 6 13.1 +0.1 6 12.8 -0.4 4	16.4 15.2 16.5 11.7 16.9 15.0 13.2 16.4 14.8	16.2 1 16.4 1 15.8 1 15.3 1 17.0 1 16.5 1 16.0 1 16.5 1	13.1 1: 13.5 10 16.5 1: 16.7 1: 18.4 1: 13.0 1: 16.6 1: 14.4 1: 18.0 1:	6.0 10.9 5.5 15.9 5.7 13.9 7.5 15.2 4.0 11.9 4.0 12.0 4.2 12.0 6.0 15.3	9 17.0 5 17.7 9 14.1 2 17.1 5 16.3 0 16.5 6 15.9 1 14.7	16.2 16.4 13.9 17.2 15.0 14.4 15.4	15.0 1: 15.0 1: 14.9 1: 14.5 1: 13.9 1: 14.8 1: 14.6 1: 13.5 1:	5.4 21.0 4.9 20.5 0.2 15.4 5.8 21.6 4.5 18.9 2.8 16.6 5.4 19.6 3.0 14.5	18.5 18.1 19.4 18.6 18.2 18.6 17.9	8.2 6.9 9.2 8.9 8.0 9.2 7.8	7.0 13 11.0 9 10.2 14 7.8 12 8.6 10 9.7 13 8.3 8	.0 15.2 .3 14.0 .1 16.1 .9 14.5 .7 14.4 .8 14.2	16.8 14.7 17.2 16.7 15.5 16.9 15.5	18.2 18 17.5 1 16.6 16 18.4 18 17.9 1 17.5 1 17.4 1 15.0 16	3.2 18.9 7.4 5.5 13.5 3.2 18.9 7.7 17.4 7.0 15.5 7.8 18.6 5.9 15.5	19.5 18.5 16.7 19.2 17.0 16.0 17.6	13.8 1 13.2 6.6 14.6 1 12.3 8.0 13.4 8.4	1.1 11. 8.6 9. 7.1 8. 1.0 10. 7.9 9. 7.4 9. 9.9 11. 8.4 11.	4 11.5 6 10.9 8 8.0 9 13.9 6 8.5 5 8.5 6 10.5 0 11.0	14.1 1: 16.2 14 11.9 1: 16.9 1: 11.8 1: 11.8 1: 14.3 1: 13.4 1:	2.9 7.2 4.0 6.0 2.3 8.4 3.8 7.4 1.5 6.4 2.2 9.4 2.1 6.7 5.0 9.1	2 7.8 12 7.2 8 7.5 10 1 8.4 7 1 7.0 10 1 8.2 13 7 8.2 12 1 9.9 10	2.4 13.1 12.0 8.6 0.9 11.1 9.0 7.6 12.2 12.2 0.5 13.0 9.4 3.5 11.5 8.5 2.3 11.5 12.5

Mean is the average of the daily minimum temperature for March 2013; it is only shown if there are sufficient days available. Anom is the difference between the mean daily minimum temperature for March 2013 and the long-term average minimum temperature for March. Decile is the decile rank of mean daily minimum temperature for March 2013 in the climate record of other March mean daily minimum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and March 2013 which light there are

sufficient years of climate record available. The lowest and highest minimum temperatures for each site for March 2013 are highlighted.

Eucla (11)	Mean Anon	n 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	1
Balladonia	16.0 +2	.4 10	16.8	14.6	17.2 1	17.5	18.7	19.7	17.4	15.8	14.4	14.8	18.6	15.2	10.5	8.9	13.6	16.3	16.9	14.6	17.0	19.5	15.0	16.4	17.2	19.0		18.5	15.0		14.7	15.0 14.	6
Eucla	17.3 +1.	.4 9	18.8	19.4	17.3 2	21.6	20.2	20.0	20.1	17.7	19.0	19.0	17.6	21.4	16.4	17.3	12.5	18.8	18.6	14.3	15.2	21.2	16.4			12.2	16.2	27.1	15.5	13.4	11.9	12.8 9.	4
Eyre	14.3 0	.0 6	18.7	17.2	18.3 1	16.9	10.1	14.4	19.4	19.4	18.6	17.4	14.2	18.8	16.7	15.8	9.9	17.8	17.9	14.0	15.4	16.5	15.9	2.7	3.1	6.2	14.8	23.2	12.8	15.1	4.4	6.9 12.	0
Forrest	16.2		17.8	19.0	25.0 2	21.2	20.6	22.1	19.8	16.8	17.6	16.8	20.0	20.3	9.9	17.0	12.6	17.2	16.7	15.9	16.1	19.9	11.7	10.8	9.8	13.3	15.7	24.7	14.6	9.6	9.4	10.2 11.	6
South East (12)	Mean Anon	n 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	1
Bulga Downs	18.3		15.1	15.4	13.5 1	7.4	21.0	23.3	19.8	17.4	19.2	21.3	21.7	19.4	15.0			21.5	22.0	21.6	21.0	23.3	18.6	18.5	21.6	17.3	20.6	20.4	11.2	12.9	12.8	13.1 15.	6
Kalgoorlie-Boulder Airport	15.1 -0	.9 2	14.1	13.9	16.5 1	18.8	18.9	20.6	17.5	15.6	15.7	17.9	18.5	13.5	9.9	13.7	15.8	16.5	17.8	16.6	16.5	22.6	15.0	10.3	12.3	15.3	16.7	18.1	8.2	8.2	10.8	10.6 12.	0
Laverton Aero	18.5		15.2	15.9	14.8 1	18.3	22.6	24.1	19.9	17.9	18.0	19.1	24.6	20.4	13.1	15.3	19.1	21.9	22.0	21.7	21.7	24.6	17.8	18.0	20.8	16.8	21.7	24.3	12.0	12.6	13.7	12.2 14.	5
Leinster Aero	18.9		15.6		14.7 1	18.2	22.1	23.2	19.9	17.7	20.0	21.6	25.2	20.7	15.9	15.8	15.6	21.6	21.5	23.7	24.0	24.3	19.7	19.5	21.2	16.9	22.6	20.0	12.6	13.3	12.5	12.8 14.	5
Leonora	18.3 -0	.3 5	15.2	15.9	15.7 1	19.8	21.5	23.4	19.9	17.1	17.4	20.9	24.6	19.8	14.2	15.8	17.4	20.2	22.4	22.7	22.4	24.0	18.6	15.9	20.1	17.4	21.4	20.9	11.6	13.4	12.0	12.2 14.	0
Salmon Gums Res.Stn.	12.9 +0	.3 6	17.3	15.0	17.5 1	16.8	17.7	17.1	15.8	15.4	15.1	16.8	18.9	11.8	6.1	7.8	14.6	14.8	16.5	16.1	15.7	17.6	8.8	6.0	6.9	8.7	12.6	15.9	8.4	5.3	7.2	9.6 6.	5
Southern Cross Airfield	14.9		17.1	14.8	13.8 1	14.9	15.8	17.5	17.5	15.3	16.0	21.8	19.0	11.6	10.9	15.6	17.4	18.3	18.7	18.0	17.2	18.9	14.5	11.6	12.5	14.2	15.7	14.2	6.4	7.6	11.9	11.0 11.	2
Yeelirrie	18.1 -0	.1 5	15.8	15.6	14.9 1	16.5	22.2	24.2	20.5	19.0	20.8	20.8	20.5	23.2	18.5	14.5	16.3		22.5	22.9	22.5	25.5	19.0	18.5	18.4		15.4	19.0	13.1	12.3	10.4	10.1 11.	7
North East (13)	Mean Anon	n 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	1
Balgo Hills			23.9	25.4	26.5		24.5	26.4	24.0	27.3	28.4	25.4	25.5	24.5	25.8	26.6	26.0	27.1	25.8	25.0	24.1	23.4	24.4	24.3									
Carnegie	20.2		17.6	19.0	19.2 1	18.4	19.8	20.5	22.5	20.5	20.5	21.0	22.6	22.9	19.2	16.3	18.4	24.9	24.0	22.6	25.4	25.4	22.6	18.5	21.5	18.0	20.2	25.2	14.6		15.7	13.9 13.	8
Giles Meteorological Office	22.2 +1	.7 9	19.5	19.6	23.0 2	24.0	25.1	26.6	25.1	24.8	24.2	25.4	27.4	26.7	21.0	19.1	21.1	20.9	22.4	23.5	25.5	25.0	25.2	21.6	23.3	22.3	20.5	24.2	22.0	17.3	15.8	13.6 13.	6
Telfer Aero	25.3 +1	.4 9	21.8	23.1	24.2 2	26.7	26.3	25.3	26.1	27.2	26.5	28.4	27.7	27.3	27.9	25.9	26.2	28.1	25.7	23.7	24.0	29.9	28.5	25.2	27.6	24.9	24.8	26.6	24.8	21.4	21.9	18.1 18.	1
Warburton Airfield	21.7 +1	.8 9	19.8	23.6	24.5 2	24.1	23.4	27.1	27.2	22.4	23.1	24.3	24.6	27.6	18.2	17.8	18.6	22.3	24.3	24.7	24.8	24.9	21.2	20.9	23.3	19.4	20.4	25.8	18.2	15.9	13.6	14.0 12.	7
Wiluna	20.3 +0	.7 7	16.0		16.5 1	17.1		26.2	22.3	21.3	22.0	22.2	22.5	23.6	18.6	16.0	18.6	26.5	25.0	25.5	25.5	27.6	22.9		21.0		21.0	21.9	14.5	13.2	13.4	14.0 14.	0

Daily and total rainfall for March 2013

Total is the total precipitation for March 2013; 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 March. **Decile** is the decile rank of total precipitation for March 2013 in the climate record of other March 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)																				8 19	20	21	22	23	24							
			Decile		2	3	4		6 7	8	9	10	11					16 1						23			26	27	28	29		31
Doongan	140.5			5.7	4.0			. 33			3.0				2.4			· 1	.0	· 2.0						22.0				2.0	1.1	
Drysdale River Station	147.0				4.0			· 1	.0 .		34.0	1.5	4.0	20.0	3.5		2.0			. 0.						77.0	1.2	1.0		20.0		
Kalumburu	45.0				4.0								40.0			0.6		. 3	8 8	.0 0.2								1.0	8.0	20.8	0.2	
Mount Elizabeth		163		11.0	1.0	12.0	. (0.6	· 4.6		11.2 20.0		48.8			3.0	20.0	3.6									0.1					
Theda Wyndham	107.7	161		1.0	10.5	12.0	8.0	1.6			20.0	11.5	- 1		1.2	1.4	20.0	3.6							3.5 1.0		1.0		5.0	8.0 1.3	- 1	- 1
	Total		Decile		2	3			6 7	8	9	10	11	12	13	14	15	16 1		8 19	20	21	22	23			26	27	28	29	30	31
East Kimberley (02) Argyle Aerodrome	111.8		Decile	12.4	۷.	0.6	. 2:			2.0			10.4		10.8	0.2	15	10 1	. 1	. 15	20	21	22	23		34.4	20	21	20	11.2	0.8	31
Halls Creek Airport	152.0		9	5.6	2.8	0.4	. 60		. 24.6	0.2	2.4		10.4	5.8		5.4										5.8				1.6	0.2	
Kununurra Aero		155		0.2	0.6	0.4		2.8		0.2		19.0	0.8	3.0	0.8	5.4										8.2			2.2	4.6	0.2	
Ruby Plains	53.4			0.2	0.0		. 13		· 22.0			15.0		20.0	0.0														2.2	4.0		
Warmun		121		8.6	0.4		. 18					0.4			2.4										. :	29.3			0.2	3.0		1.2
West Kimberley (03)	Total		Decile		2	3			6 7	8	9	10	11	12	13	14	15	16 1	7 1	8 19	20	21	22	23	24		26	27	28	29		31
Bidyadanga	22.9			0.2			- 1				7.5		1.4												0.2					13.6		
Broome Airport	20.4			6.4	0.8						5.6		7.4	0.2																		
Curtin Aero	128.8			19.0	0.2						6.8	15.2	56.6	1.0		:	26.6											3.4				
Cygnet Bay		171	2	18.6							0.4	5.8														1.5						
Dampier Downs		92		2.0	0.2					0.6			22.0	4.2														5.0				
Derby Aero	110.8	135	6	2.2							4.6	6.4	8.8	1.0			29.0	· 1	8										56.8	0.2		
Fitzroy Crossing Aero	114.2			0.2			. 29	9.8			3.6	12.2	53.2	0.2			1.0												14.0			
De Grey (04)	Total	Avg	Decile	1	2	3	4	5	6 7	8	9	10	11	12	13	14	15	16 1	7 1	8 19	20	21	22	23	24	25	26	27	28	29	30	31
Karratha Aero		50	L																													
Mandora	2.8	74	2	1.4	0.6											0.6					0.2											
Marble Bar	6.0			0.4							1.4	0.2						. 2	2						1.8							
Pardoo Station	7.4	64	4													7.4																
Port Hedland Airport	17.6			>>	>>	1.0										16.6																
Roebourne		64																														
Fortescue (05)	Total			1	2	3	4	5	6 7	8	9	10	11	12	13	14	15	16 1	7 1	8 19	20	21	22	23	24	25	26	27	28	29	30	31
Dampier Salt																																
Learmonth Airport																																
Mardie		50																														
Millstream	12.2		3								0.4				3.0	7.6							1.0		0.2							
Onslow Airport																																
Pannawonica (86)	T-1-1	, ,																														
West Gascoyne (06)			Decile	1	2	3	4	5	6 7	8	9	10	11	12	13	14	15	16 1	/ 1	8 19	20	21	22	23	24	25	26	27	28	29	30	31
Carnarvon Airport	2.2							•											•							»	»	2.2				
Denham Sanah Station	2.0																										2.0					
Emu Creek Station	20.2											8.0							. 4	.0	8.0						0.2					
Gascoyne Junction	3.2		4							•					>>	>>	>>	2.0							•		1.2					
Murchison	18.4		Daeile	. 1				-	6 7				12.8	0.6	12	14	15		8	. 10	20	21	22	22	24		2.4	27	20	20	20	21
East Gascoyne (07)			Decile	. 1	2	3	4	5	6 /	8	9	10	11	12	13	14	15	16 1	/ 1	8 19	20	21	22	23	24	25	26	27	28	29	30	31
Mininer Mayort Phillip	1.8										0.2				1.6			1.6														
Mount Verses	16.8			1.2											15.2			1.6														
Mount Vernon	4.2			1.2								2.4			0.6																	
Neds Creek	26.4			15.2						6.6				0.6	10.6	4.6									0.2	2.0						
Newman Aero Murchison (07A)	24.8 Total			3.4	,	3				8	9	10	11	0.6	18.6 13	14	15	16 1	7 1	8 19	20	21	22	23	0.2 24		26	27	28	29	30	31
Cue	25.3		Decile 7		2	3	4			•	9	10	11	12		16.5	15	. 6		. 1.3		21	22	23	24		1.0	21	20	29	30	31
Meekatharra Airport	14.2			4.6			- 1				»	0.8				0.6		» 5		1.3	2.6						1.0	- 1		- :		
Mount Magnet Aero	34.2		U	4.0							"	1.0	7.0				0.6	. 9		. 0.6												
Paynes Find	12.2		6									1.0	6.8			13.0	0.0	. 3			0.2							2.0				
North Coast (08)			Decile	1	2	3	4	5	6 7	8	9	10	11	12	13	14	15	16 1		8 19	20	21	22	23	24	25	26	2.0	28	29	30	31
Ajana	Total	17	Decile		-	,	-	,	,	U	,		17.0	12	13	14	13	10 1	, .	0 13	20			23		23	20	2,	20	23	30	31
Barberton	41.4		9										4.0			4.0	10.2										23.2					
Canna	22.6												13.0				4.2										5.4					
Carnamah	33.9												16.9	0.1			»	»	» 5	.6							10.3					
Coorow	26.4										»		10.6			0.3	5.7										9.8					
Dalwallinu	39.8												17.2				2.4									. 1	18.6					
Eneabba	46.1		10									>>	8.0			4.3			» 1	.0						. 1	16.4	0.2				
Geraldton Airport	55.8											3.0	34.4	0.2												. 1	15.0	3.2				
Kalbarri	34.5		9							1.8	3.0				2.9												7.2	1.4				
Kondut	31.4	20	8										14.8			1.0	6.2										9.4					
Latham	33.0	19	9										26.0														6.8					
Miling	37.4	19	9														0.2											13.0				
Mingenew	58.6	17	10										19.4			1.0	0.2 4.0										7.8	1.0				
Moora West	34.6										>>	37.0				1.0 0.4	4.0	•														
Morawa Airport	23.8										»	37.0			•	0.4	4.0 12.4	0.2								. 1	16.0	0.2				
Mullewa	23.0						:	:		:		37.0 0.2	19.4			0.4	4.0 12.4	0.2										0.2		•	•	
	19.4	19			•	•	:	•	· · ·	•		37.0 0.2	19.4			0.4 6.8	4.0 12.4 7.8	0.2				•	•			•	3.8 4.6	0.4 2.6	•	•	•	
Nabawa	19.4 39.6	19 15	10				•	•	· · · · · · · · · · · · · · · · · · ·	•	•	37.0 0.2	3.2 18.6 6.0			0.4 6.8	4.0 12.4 7.8 1.0	0.2						•	•	•	3.8 4.6 8.6	0.4 2.6 0.6				•
Northampton	19.4	19 15 14	10 10				•					37.0 0.2	19.4 3.2 18.6 6.0	0.2	•	6.8	4.0 12.4 7.8 1.0	0.2	· · · · · · · · · · · · · · · · · · ·						•	•	3.8 4.6 8.6	0.4 2.6	•			
Northampton Perenjori	19.4 39.6	19 15 14 22	10 10	•								37.0 0.2 28.0 3.8	19.4 3.2 18.6 6.0 22.0 21.0	0.2	•	0.4 6.8	4.0 12.4 7.8 1.0 6.2	0.2				•			•		3.8 4.6 8.6 15.6	0.4 2.6 0.6	•			
Northampton Perenjori Three Springs	19.4 39.6 42.8	19 15 14 22 22	10 10			-					· · · · · · · · · · · · · · · · · · ·	37.0 0.2 28.0 3.8 »	3.2 18.6 6.0 22.0 21.0 24.4	0.2		0.4	4.0 12.4 7.8 1.0		·								3.8 4.6 8.6 15.6	0.4 2.6 0.6	•		-	
Northampton Perenjori Three Springs Watheroo	19.4 39.6 42.8	19 15 14 22 22 20	10 10	-							· · · · · · · · · · · · · · · · · · ·	37.0 0.2	19.4 3.2 18.6 6.0 22.0 21.0 24.4 14.4	. 0.2		0.4 6.8 2.4	4.0 12.4 7.8 1.0 6.2										3.8 4.6 8.6 15.6 7.8 12.2	0.4 2.6 0.6 1.0				
Northampton Perenjori Three Springs Watheroo Wongan Hills	19.4 39.6 42.8 44.2 40.8	19 15 14 22 22 20 20	10 10 9 9								· · · · · · · · · · · · · · · · · · ·	37.0 0.2 28.0 3.8 »	19.4 3.2 18.6 6.0 22.0 21.0 24.4 14.4 12.2	. 0.2		0.4 6.8 2.4 0.6 4.0	4.0 12.4 7.8 1.0 6.2										3.8 4.6 8.6 15.6 7.8 12.2	0.4 2.6 0.6 1.0				
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09)	19.4 39.6 42.8 44.2 40.8 Total	19 15 14 22 22 20 20 Avg	10 10 9 9 Decile								· · · · · · · · · · · · · · · · · · ·	37.0 0.2 28.0 3.8 »	19.4 3.2 18.6 6.0 22.0 21.0 24.4 14.4 12.2 11	. 0.2		0.4 6.8 2.4 0.6 4.0	4.0 12.4 7.8 1.0 6.2 4.6 12.6			. 0.4				23			3.8 4.6 8.6 15.6 7.8 12.2 11.4 26	0.4 2.6 0.6 1.0				31
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale	19.4 39.6 42.8 44.2 40.8 Total 72.0	19 15 14 22 22 20 20 Avg 18	10 10 9 9 Decile 10								· · · · · · · · · · · · · · · · · · ·	37.0 0.2 28.0 3.8 »	19.4 3.2 18.6 6.0 22.0 21.0 24.4 14.4 12.2 11	. 0.2		0.4 6.8 2.4 0.6 4.0	4.0 12.4 7.8 1.0 6.2 4.6 12.6 15			8 19	20						3.8 4.6 8.6 15.6 7.8 12.2 11.4 26	0.4 2.6 0.6 1.0				31
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6	19 15 14 22 22 20 20 Avg 18 16	10 10 9 9 Decile 10 9				0.2				· · · · · · · · · · · · · · · · · · ·	37.0 0.2	19.4 . 3.2 18.6 6.0 . 22.0 21.0 24.4 14.4 12.2 11 19.6 4.2	. 0.2		0.4 6.8 2.4 0.6 4.0 14	4.0 12.4 7.8 1.0 6.2 4.6 12.6 15 27.0				20						3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4	0.4 2.6 0.6 1.0	28			31
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6	19 15 14 22 22 20 20 Avg 18 16 25	10 10 9 9 Decile 10 9			3	0.2				· · · · · · · · · · · · · · · · · · ·	37.0 0.2 28.0 3.8	19.4 . 3.2 18.6 6.0 . 22.0 21.0 24.4 14.4 12.2 11 19.6 4.2	. 0.2		0.4 6.8 2.4 0.6 4.0 14 8.6 0.4	4.0 12.4 7.8 1.0 6.2 4.6 12.6 15 27.0 17.4 34.6			8 19	20						3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2	0.4 2.6 0.6 1.0 0.6 27				31
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8	19 15 14 22 20 20 Avg 18 16 25 20	10 10 9 9 Decile 10 9			3	0.2	0.8 0. 0.2				37.0 0.2 28.0 3.8	19.4 . 3.2 18.6 6.0 . 22.0 21.0 24.4 14.4 12.2 11 19.6 4.2 10.2 3.8			0.4 6.8	4.0 12.4 7.8 1.0 6.2 4.6 12.6 15 27.0 17.4 34.6 49.6			8 19	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2 24.2 26.8	0.4 2.6 0.6 1.0	28		30	31
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6	19 15 14 22 20 20 Avg 18 16 25 20	10 10 9 9 Decile 10 9				0.2 1.4 ().8 0).2			· · · · · · · · · · · · · · · · · · ·	37.0 0.2 28.0 3.8	19.4 . 3.2 18.6 6.0 . 22.0 21.0 24.4 14.4 12.2 11 19.6 4.2 10.2 3.8 12.4	. 0.2		0.4 6.8 2.4 0.6 4.0 14 8.6 0.4 0.2 0.2	4.0 12.4 7.8 1.0 6.2 4.6 12.6 15 27.0 17.4 34.6 49.6			8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2	0.4 2.6 0.6 1.0 0.6 27	28		30	31
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8	19 15 14 22 20 20 Avg 18 16 25 20	10 10 9 9 Decile 10 9 10		· · · · · · · · · · · · · · · · · · ·		0.2 1.4 (0 (0 (0).8 0.).2).6				37.0 0.2 28.0 3.8	19.4 . 3.2 18.6 6.0 . 22.0 21.0 24.4 14.4 12.2 11 19.6 4.2 10.2 3.8 12.4 0.8			0.4 6.8	4.0 12.4 7.8 1.0 6.2			8 19	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2 24.2 26.8 17.6	0.4 2.6 0.6 1.0 0.6 27	28	29	30	31
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8	19 15 14 22 20 20 Avg 18 16 25 20	10 10 9 9 Decile 10 9 10	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		0.2 1.4 (. (.) (0.2 ().8 0.).2).6).2 0.				37.0 0.2 28.0 3.8	19.4 . 3.2 18.6 6.0 . 22.0 21.0 24.4 14.4 12.2 11 19.6 4.2 10.2 3.8 12.4 0.8			0.4 6.8	4.0 12.4 7.8 1.0 6.2			8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2 24.2 26.8 17.6	0.4 2.6 0.6 1.0 0.6 27	28		30	31
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8	19 15 14 22 20 20 Avg 18 16 25 20	10 10 9 9 Decile 10 9 10 10	· · · · · · · · · · · · · · · · · · ·			0.2 1.4 (0 (0 (0 0.2 (0 (0 (0).8 0.).2).6).2 0. 1.4				37.0 0.2 28.0 3.8	19.4 . 3.2 18.6 6.0 22.0 21.0 24.4 14.4 12.2 11 19.6 4.2 10.2 3.8 12.4 0.8 »			0.4 6.8	4.0 12.4 7.8 1.0 6.2 4.6			8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2 24.2 26.8 17.6	0.4 2.6 0.6 1.0 0.6 27 0.6	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 80.8 57.8 75.6 61.6 58.0	19 15 14 22 22 20 20 Avg 18 16 25 20 17 16 24	10 10 9 9 Pecile 10 9 10 10				0.2 1.4 (. (.) (0.2 ().8 0.).2).6).2 0.				37.0 0.2 28.0 3.8	19.4 			0.4 6.8 2.4 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2	4.0 12.4 7.8 1.0 6.2 4.6			8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2 24.2 24.2 24.2 25.6 17.6	0.4 2.6 0.6 1.0 0.6 27 0.6	28		30	31
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8 661.6 58.0 57.8	19 15 14 22 22 20 20 Avg 18 16 25 20 17 16 24 14	10 10 9 9 Pecile 10 9 10 10		· · · · · · · · · · · · · · · · · · ·		0.2 1.4 ().8 0.0.2 0.6 0.2 0.1.4 0.4				37.0 0.2 28.0 3.8	19.4 	0.2 		0.4 6.8 2.4 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2 0.2	4.0 12.4 7.8 1.0 6.2 4.6 15 27.0 17.4 34.6 49.6 27.0 27.8 30.4 49.6 10.8			8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 7.8 12.2 111.4 26 25.4 17.2 24.2 24.2 24.2 17.6 18.0 18.0	0.4 2.6 0.6 1.0 0.6 27 0.6	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 80.8 57.8 61.6 58.0 57.8,55.0	19 15 14 22 20 20 20 4xg 18 16 25 20 17 16 24 14 24	10 10 9 9 Decile 10 9 10 10 10 9				0.2 1.4 ().8 0.).2).6).2 0. 1.4				37.0 0.2 	19.4 	0.2 		0.4 6.8 2.4 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2 0.2	4.0 12.4 7.8 1.0 6.2 4.6 12.6 15 17.4 49.6 27.0 27.8 34.6 49.6 27.0 10.8 27.8			8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 12.2 11.4 26 17.2 24.2 24.2 26.8 17.6 18.0 18.0 18.0	0.4 2.6 0.6 1.0 0.6 27 0.6	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8 661.6 58.0 57.8	19 15 14 22 20 20 20 4xg 18 16 25 20 17 16 24 14 24	10 10 9 9 Decile 10 9 10 10 10 9		· · · · · · · · · · · · · · · · · · ·		0.2 1.4 ().8 0.0.2 0.6 0.2 0.1.4 0.4				37.0 0.2 28.0 3.8	19.4 	0.2 		0.4 6.8 2.4 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2 0.2	4.0 12.4 7.8 1.0 6.2 4.6 12.6 15 17.4 49.6 27.0 27.8 34.6 49.6 27.0 10.8 27.8		7 1	8 19 · 0.2	20						3.8 4.6 8.6 15.6 15.6 12.2 11.4 26 25.4 17.2 24.2 26.8 17.6 18.0 18.0 18.0 17.0	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 68.8 57.8 75.6 61.6 58.0 57.8 40.6	19 15 14 22 22 20 20 20 4 4 16 25 20 17 16 24 24 24 14	9 9 Decile 10 9 10 10 10 9 10 9 9 10 9 9				0.2 1.4 ().8 0.0.2 0.6 0.2 0.1.4 0.4				37.0 0.2 28.0 3.8	19.4 . 3.2 18.6 6.0 22.0 21.0 24.4 14.4 12.2 11 19.6 4.2 10.2 3.8 12.4 0.8 » 5.0 15.8 3.5 15.2	0.2 		0.4 6.8 2.4 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2 0.2 0.2 8.0	4.0 12.4 7.8 1.0 6.2 4.6 115 127.0 117.4 34.6 497.0 127.8 30.4 227.0 10.8 211.0		7 1	8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 15.6 15.6 12.2 11.4 26 25.4 17.2 24.2 26.8 17.6 18.0 18.0 18.0 19.2	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2 0.4 6.3	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 80.8 57.8 61.6 58.0 57.8,55.0	19 15 14 22 20 20 20 Avg 18 16 25 20 17 16 24 14 24 14	10 10 9 9 9 10 10 10 10 9 10 10 10 9 10	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		0.2 1.4 ().8 0.0.2 0.6 0.2 0.1.4 0.4				37.0 0.2 	19.4 . 3.2 18.6 6.0 22.0 21.0 24.4 14.4 12.2 11 19.6 4.2 10.2 3.8 12.4 0.8 » 5.0 15.8 3.5 15.2	0.2 		0.4 6.8 0.6 4.0 14 8.6 0.4 0.2 0.2	4.0 12.4 7.8 1.0 6.2 4.6 115 127.0 117.4 34.6 497.0 127.8 30.4 227.0 10.8 211.0		7 1	8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2 24.2 26.8 17.6 18.0 37.2 16.8 17.0	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre Mosman Park	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 75.6 61.6 58.0 97.8 55.0 40.6	19 15 14 22 20 20 20 20 4 8 16 25 20 17 16 24 14 24 14 24 15	10 10 9 9 9 10 10 10 10 9 10 10 10 9 10				0.2 1.4 ().8 0.0.2 0.6 0.2 0.1.4 0.4				37.0 0.2 28.0 3.8	19.4 . 3.2 18.6 6.0 . 22.0 21.0 24.4 12.2 11 19.6 4.2 10.2 3.8 12.4 0.8 . 3.5 15.8 3.5 15.2 1.6	0.2 		0.4 6.8 0.6 4.0 14 8.6 0.2 0.2 0.2 0.2 8.0 0.2	4.0 12.4 7.8 1.0 6.2 12.6 15 15 27.0 17.4 4.6 4.9.6 27.0 10.8 21.2 4.0 10.8 21.2		7 1	8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 27.7 22.4 22.4 22.4 22.4 23.7 24.7 25.0 18.0 18.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2 0.4 6.3	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre Mosman Park Mount Helena	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 61.6 58.0 57.8 55.0 40.6	19 15 14 22 22 20 20 20 4 8 16 25 20 17 16 24 14 24 14 24 15	10 10 9 9 9 10 10 10 10 10 9 10 9 10 10 9 10				0.2 1.4 (. 0.8 0.0.2 0.6 0.1.4 · 0.4 · 0.1.8 · · ·				37.0 0.2 28.0 3.8	19.4 . 3.2 18.6 6.0 . 22.0 21.0 24.4 14.4 12.2 10.2 3.8 12.4 0.8 8 . 5.0 15.8 3.5 15.2 1.6	0.2 		0.4 6.8 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2	4.0 12.4 7.8 1.0 6.2 11.0 6.2 12.6 15 27.0 17.4 34.6 49.6 227.0 10.8 21.2 14.0 19.2		7 1	. 0.2	20						3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2 24.2 24.2 26.8 17.6 18.0 18.0 19.2 17.0 19.2	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2 0.4 6.3	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre Mosman Park Mount Helena Pearce RAAF	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8 55.0 40.6 53.2 86.0 60.8	19 15 144 22 22 20 20 8 18 16 25 20 20 17 16 4 24 14 24 15	10 10 9 9 9 10 10 10 10 10 9 10 9 10 9		· · · · · · · · · · · · · · · · · · ·		0.2 1.4 (0.2 (0.2 (0.2 (0.2 (0.2 (0.2 (0.2 (0.2	. 0.8 0.0.2 0.0.6 0.0.4 · 0.0.4 · 0.0.4 · 0.0.6			9 	37.0 0.2 . 28.0 3.8	19.4 . 3.2 18.6 6.0 22.0 21.0 24.4 12.2 11 19.6 4.2 10.2 	0.2 		0.4 6.8 . 2.4 . 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2 8.0 0.2 1.4 . 0.6	4.0 12.4 7.8 1.0 6.2		7 1	8 19 · 0.2	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 25.4 17.2 24.2 26.8 17.6 18.0 18.0 19.2 17.0	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2 0.4 6.3	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Childlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre Mosman Park Mount Helena Pearce RAAF Perth Airport	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 80.8 57.8 55.0 40.6 53.0 40.6 53.0 40.6 60.8	19 15 144 22 22 20 20 18 166 25 20 17 166 24 14 24 14 20 15	10 10 9 9 9 10 10 10 10 10 10 10 10 10 10 10				0.2 1.4 (. 0.0.8 0.0.2 0.0.2 0.1.4 0.0.4 . 0.0.4 . 0.0.6 18			9 	37.0 0.2 28.0 3.8 10	19.4 . 3.2 18.6 6.0 22.0 21.0 21.0 14.4 12.2 11 19.6 4.2 10.2 3.8 12.4 0.8 3.5 15.8 3.5 15.2 1.6	0.2 		0.4 6.8	4.0 12.4 7.8 1.0 6.2 4.6		7 1	. 0.2	20	21					3.8 4.6 8.6 15.6 7.8 12.2 11.4 26 225.4 17.2 24.2 26.8 17.6 18.0 19.2 17.0 19.2 17.0	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2 0.4 6.3	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre Mosman Park Mount Helena Pearce RAAF Perth Airport Perth Mirport Perth Metro	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8 61.6 58.0 40.6 53.2 86.0 60.8 60.2 69.6 69.6	19 15 14 22 22 20 20 20 20 Avg 16 24 14 24 14 20 15 16 19	10 10 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10				0.2 1.4 (0.0.8 0 0.0.2 0.0.6 0.0.2 0.0.4 0.0.4 0.0.4 0.0.4 0.0.6 0.0.2 0.0.6 0.0.0 0.0.6 0.0.0 0.0.6 0.0.0 0.0.6 0.0.0 0.0.6 0.0.6 0.0.6 0.0.6 0.0.0 0.0.			9 	37.0 0.2 28.0 3.8 10	19.4 . 3.2 18.6 6.0 22.0 21.0 24.4 12.2 11 19.6 4.2 10.2 3.8 12.4 0.8 3.5 15.2 1.6	0.2 		0.4 6.8 . 2.4 . 0.6 4.0 14 8.6 0.2 0.2 0.2 0.2 8.0 0.2 1.4 0.6 0.6 0.4 0.4 0.6	4.0 12.4 7.8 1.0 6.2 4.6		7 1	. 0.2	20	21					3.8 4.6 8.6 15.6 15.6 12.2 11.4 26 17.2 24.2 26.8 17.6 18.0 19.2 17.0 19.2 17.0 19.2 17.0	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2 0.4 6.3	. 28		30	
Northampton Perenjori Prenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre Mosman Park Mount Helena Pearce RAAF Perth Airport Perth Metro Roleystone	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8 75.6 61.6 58.0 40.6 53.2 86.0 60.2 60.2 69.6 75.8	199 15 14 22 22 20 20 20 20 20 20 20 20 20 20 20	10 10 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10				0.2 1.4 (. 0.0.8 0.0.2 0.0.2 0.1.4 0.0.4 . 0.0.4 . 0.0.6 18			9 	37.0 0.2 28.0 3.8 10	19.4	0.2 		0.4 6.8 . 2.4 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2 8.0 0.2 1.4 0.6 0.4 0.4 0.2 0.2	4.0 12.4 7.8 1.0 6.2		7 1	. 0.2	20	21					3.8 4.6 8.6 15.6 12.2 11.4 26 17.2 24.2 24.2 26.8 17.6 24.4 25.0 18.0 37.2 16.8 17.0 19.2 17.0	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2 0.4 6.3	0.4		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre Mosman Park Mount Helena Pearce RAAF Perth Airport Perth Metro Roleystone Rottnest Island	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8 61.6 58.0 40.6 53.2 86.0 60.8 60.2 69.6 69.6	19 15 14 22 22 20 0 20 18 16 25 20 17 16 24 14 24 14 24 15 15 16 19 23	10 10 9 9 10 10 10 10 10 10 10 10 10 9 9 10 10 10 10 10 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10		2		0.2 1.4 (0.2 0.2 0.8 (0.4 0.4 0.6 0.6 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 0.0.2 0.6 0.4 0.4 0.5 0.6 0.6 0.4 0.2 0.6 0.6 0.4 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6			9 	37.0 0.2 28.0 3.8 10	19.4	0.2 		0.4 6.8 . 2.4 . 0.6 4.0 14 8.6 0.2 0.2 . 8.0 0.2 1.4 . 0.6 0.4 0.2 0.2 0.2	4.0 12.4 7.8 1.0 6.2		7 1	. 0.2	20						3.8 4.6 8.6 15.6 12.2 11.4 26 17.2 24.2 26.8 17.6 24.4 25.0 18.0 17.0 19.2 17.0 19.2 17.0	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2	. 28		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre Mosman Park Mount Helena Pearce RAAF Perth Airport Perth Metro Roleystone Rottnest Island Serpentine	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 61.6 58.0 40.6 53.2 86.0 60.8 60.2 69.6 75.8 60.6	199 15 14 22 22 20 0 Avg 18 16 25 20 17 16 24 14 24 14 20 15 16 19 23	10 10 9 9 9 10 10 10 10 10 10 9 10 10 10 10 10 10				0.2 1.4 (0.0.8 0.0.2 0.6 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4		8	9 	37.0 0.2 28.0 3.8 10 0.2	19.4	0.2 		0.4 6.8 . 2.4 . 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2 8.0 1.4 6.6 6.4 0.6 6.4 0.6 0.6 0.6 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	4.0 12.4 7.8 1.0 6.2 12.6 15 12.7 17.4 49.6 22.0 10.8 830.4 22.0 14.0 22.0 14.0 22.0 14.0 22.0 22.0 22.0 22.0 22.0 22.0 22.0 2		7 1	. 0.2	20						3.8 4.6 8.6 15.6 7.8 12.2 26 11.4 17.2 24.2 24.2 24.2 26.8 17.6 18.0 19.2 17.0 19.2 17.0 19.2 17.0 19.2 17.0 19.2 17.0	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2 0.4 6.3	0.4		30	
Northampton Perenjori Three Springs Watheroo Wongan Hills Central Coast (09) Armadale Badgingarra Research Stn Bickley Chidlow Fremantle Gingin Aero Gosnells City Jandakot Aero Jarrahdale Jurien Bay Karnet Lancelin Leeman Medina Research Centre Mosman Park Mount Helena Pearce RAAF Perth Airport Perth Metro Roleystone Roltness Island	19.4 39.6 42.8 44.2 40.8 Total 72.0 48.6 73.6 80.8 57.8 75.6 61.6 58.0 40.6 53.2 86.0 60.2 60.2 69.6 75.8	199 155 144 222 222 220 200 187 166 244 144 220 155 166 199 23	10 10 9 9 9 10 10 10 10 10 10 9 10 10 10 10 10 10				0.2 1.4 (0.8 0.0.2 0.6 0.4 0.4 0.5 0.6 0.6 0.4 0.2 0.6 0.6 0.4 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6			9 	37.0 0.2 28.0 3.8 10 0.2	19.4	0.2 		0.4 6.8 . 2.4 . 0.6 4.0 14 8.6 0.4 0.2 0.2 0.2 8.0 1.4 6.6 6.4 0.6 6.4 0.6 0.6 0.6 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	4.0 12.4 7.8 1.0 6.2		7 1	. 0.2	20	21					3.8 4.6 8.6 15.6 12.2 11.4 26 17.2 24.2 26.8 17.6 24.4 25.0 18.0 17.0 19.2 17.0 19.2 17.0	0.4 2.6 0.6 1.0 0.6 27 0.6 0.2	. 28		30	

Daily and total rainfall for March 2013

Total is the total precipitation for March 2013; 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 March. **Decile** is the decile rank of total precipitation for March 2013 in the climate record of other March 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.

accumulated over mo				•			nov																										
South Coast (09A)	Total	Avg [ecile	1	2	3	4	5	6	7	8	9		11		13	14	15	16	17		19	20	21	22	23	24	25	26	27	28	29	30 3
Albany Airport Albany	88.8 86.0	39	10		0.6	2.6	1.0			0.8				18.2 29.4	2.4			7.2	8.4	3.4 6.4	2.0		1.2	0.8	0.2	- 1			31.2 21.2	4.4 3.6	0.4	4.0	0.2 3.6
Boyup Brook	80.0	21	10			1.2	1.0			0.2	•			4.4	2.0			5.6 13.4	0.0	0.4	1.2		1.6	0.4			•		8.0	5.0	>>	>>	3.0
Bridgetown	39.4						0.2						1.6		0.2			8.4		1.0								0.2	15.4	0.8			
Brunswick Junction	59.8	23	9											4.8				16.6											38.4				
Bunbury	37.4						1.2							0.4				20.8											15.0				
Busselton Shire	19.9	20	7			3.0	0.1						3.4				7.4									»	»	6.0					
Cape Arid National Park	159.6	35	Н		59.4	4.0				13.0		5.0				9.4				19.0	10.0	2.0							5.8		2.0	3.0	
Cape Leeuwin Cape Naturaliste	24.2 25.8	28 23	6 8				0.6	1.6	0.4	1.0			0.4	1.0	0.2			2.4 8.2	0.2							8.0		0.2 3.2	13.6	3.0	0.2		•
Collie	37.4	23	8			»	0.8 »	0.4	0.6			»).4 »	2.0	0.4			16.4	»	»	0.4								17.2	0.2	0.2		
Denmark	96.4	48	10					4.0	1.0			»		32.8	3.6			5.2	>>	»	9.4		2.0	1.6					33.4	3.4			
Donnybrook	43.4	24	8					2.0	0.2					3.8	0.2			20.6	0.2									14.4		0.8			
Dwellingup	70.8	26	9				2.6	0.4						4.0			:	20.2										0.2	43.0	0.2			0.2
Esperance Aero	153.8	34	10		62.2	8.8	0.6		6.0	6.8	1.0	0.2		2.0	9.0			10.8	5.0			0.2		0.4			0.2			15.8	0.8	0.2	3.0 0.
Esperance Downs Research Stn	137.0	27	10		55.2	6.4	1.0			11.4				2.0	5.4	•		13.4	3.2			0.4	0.4				•			13.0	1.0	0.4	0.4
Esperance	145.0	30	Н		38.4	11.8	0.4		2.8	8.0	0.6			1.6	7.8			11.4	3.8				0.4				•			32.6	0.8	3.8	0.6
Greenbushes	30.9	26	7				0.5						1.6	5.2 4.0	1.0			9.8	0.3	0.3	0.1				0.4		•		10.6 30.2	0.5	•		•
Harvey Hopetoun North	58.4				9.6	1.2	0.2	0.2	- :		4.6	0.2		2.8	•	0.2		22.8	9.6	3.2			0.4	- :			- :	- :		20.6	- :	2.2	1.8
Jarrahwood	37.6	19	9				1.0						2.2		1.2			9.2											11.0	0.2			
Kendenup	56.4	27	9			>>	>>	1.6		0.4				22.8	5.2			8.0		»	9.6								6.0	2.8			
Mandurah	38.2							2.0						2.6				13.2											20.4				
Manjimup	34.2	30	7				1.2	0.2	0.2				1.2	14.0	2.0			4.4	0.2	1.4		0.2		0.4		0.4			7.0	1.2	0.2		
Margaret River	37.4	28	8					7.8							0.4			9.4											13.6	3.6			
Marradong	56.2	18	10	•			2.0				•			16.8				20.4			٠.						•		15.0	2.0	•		
Mount Barker	77.1	36	9	»	»	>>	2.6			0.8		•		29.6	9.2	•		5.4	>>	»	» :	12.2		1.6			•		12.6	2.8			» 0.
Nannup Northcliffe	29.2 48.1	24 40	7				4.0		1.0					6.0			»	9.2 5.0		»	0.1		0.8						12.6 28.4	1.4 7.8			
Pemberton	33.9	37	6				1.6	0.2	0.6				1.0	0.8	0.6			4.2	0.2	0.3			0.5	0.6	0.6	0.4			16.0	5.4		0.7	
Rocky Gully Town	38.4	27	8			0.5		0.8	1.4	0.5	0.4			7.4	0.6			6.2	1.9		0.2	0.5	1.8	0.6				-	8.4	3.7			
Roelands	48.2	21	9				3.2	0.6						5.4				21.0												18.0			
Walpole	68.5	45	9			»	»	1.2	0.4	1.0		»		0.4	6.0			5.0	»	»	26.0		1.6	0.4	1.0	»	»		16.0	8.2		0.5	
Warner Glen	38.6	27	8				2.0	2.0	0.6						0.6	٠		10.4					0.4	0.6					18.6	2.4			
Wellstead	117.8	28	Н		6.6		2.0		»	»	5.2	•	0.2	20.0	9.4				17.4	12.6		0.2	0.4						19.2	4.6		0.4	0.8
Windy Harbour Witchcliffe	42.4 45.8						3.0	» 1.0	0.2						»	0.9		3.0 13.2	6.4						0.3		0.2		25.4	1.9		0.4	
North Central (10)	Total	Avg r	ecile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15.2	16	17	18	19	20	21	22	23	24	2.2	24.0 26	2.2	28	29	30 31
Bencubbin	41.2	23	9		0.2									22.8				1.8											13.2	1.2			
Bolgart	45.1	21	9											1.0			0.4	18.2											25.5				
Cadoux	36.6	19	9										:	15.0			1.2	7.6											12.0	0.8			
Cunderdin Airfield	30.0													2.2				13.2											14.6				
Doodlakine	34.2	20	9											5.4	3.2		14.0												11.6		٠		
Dowerin	49.0	20	9									»		6.2			3.4	14.4	>>	»									23.0	2.0			
Goodlands Goomalling	33.6 58.0	24 17	10											19.8				29.0											12.0 26.0	1.8			
Hines Hill	43.2	21	9											12.6				19.0											10.2	1.4			
Kellerberrin	35.9	21	9											6.0	6.5			13.6											9.0	0.8			
Koorda	44.8	22	9									»		13.8		. :		4.0											12.0	4.6			
Merredin	55.2		10											13.0				23.6		2.8									14.6	1.2			
Moningarin		23																											10.6				
Northam	65.7	19	10														0.2												31.2	1.1			
Nungarin	48.8	22	9		4.0									17.0				6.2												11.0			
Tammin	52.8	19	9											3.6	0.8			19.8									•		28.6		•		
Toodyay Trayning	66.7 33.2	20	10 9	- 1	- 1	- 1	- :	- :	- :	- 1	- :	- :		0.3	- :	- :		37.0 4.0	- :	1.8	- 1	- 1	- 1	- 1	- 1	- 1	- :		29.0	2.4	- :	- :	- 1
Wialki	43.6	23	9											29.2			2.0	4.0		1.0									13.6	0.8			
Wyalkatchem	43.4	19	10											22.0				11.6											8.2	1.6			
York	56.7																	41.0											15.4	0.3			
Yorkrakine	38.7	22	9										:	11.2				16.0											7.0	4.5			
South Central (10A)				1	2	3	4	5	6	7	8	9	10	11	12	13		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31
Ardath	25.6	20	8											»	4.2			12.0											7.4	2.0			
Badgebup	59.4	21	10			0.8				0.6				2.6	8.0	•		33.6		•		•					•		17.0	4.0	•	•	
Beverley	45.0	16 20	9											0.2	4.4			29.0 23.0				-							14.8	1.0			
Borden Brookton	48.0 59.2	18	10							0.8				7.4 1.8	0.4			44.6											12.4				
Broomehill	69.0	22	10		0.4	0.8				0.6				16.0	8.0			29.6	2.2										10.6	0.8			
Corrigin	28.5	21	8											0.8				18.6											8.6	0.5			
Cranbrook	57.0	24	9										»	22.0	4.0			13.0		»	4.0								9.0	5.0			
Darkan	61.6	18	10					1.4				»	>>	8.6	1.4			39.0											11.2				
Gnowangerup	69.2	20	10											6.2				29.4			2.4								24.6	2.6			
Hyden															4.0														14.6				
In account	56.9	20	9		0.2		0.5			2.0				3.6	4.0			18.5		2.9									6.6	6.8			3.2
Jacup	56.9	20		÷	5.4	5.8	0.6	•	÷	2.8				3.6 1.0		0.2		18.5 24.6	4.8	0.6	0.2	0.2	٠						15 0				
Jerramungup	56.9 58.2	20	9			>>	0.6	•	•			»	»	3.6 1.0 2.0	1.6		• :	18.5 24.6 20.0	4.8 4.8	0.6	0.2	0.2							15.0	3.8			0.2
Jerramungup Katanning	56.9 58.2 66.4	20 26	9		5.4					0.6			»	3.6 1.0 2.0 12.0	1.6 3.0	0.2	•	18.5 24.6 20.0 35.6	4.8 4.8 0.2	0.6	0.2	0.2		•					13.0	1.4	÷	•	0.2
Jerramungup	56.9 58.2	20			5.4	>>		0.5					» 0.2	3.6 1.0 2.0	1.6		•	18.5 24.6 20.0	4.8 4.8	0.6	0.2	0.2					:				•		0.2
Jerramungup Katanning Kojonup	56.9 58.2 66.4 42.7	20 26 22	9		5.4	>>		0.5					» 0.2	3.6 1.0 2.0 12.0 12.8	1.6 3.0 2.2		• :	18.5 24.6 20.0 35.6 17.8	4.8 4.8 0.2	0.6	0.2	0.2					•		13.0 5.6	1.4 1.4			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin	56.9 58.2 66.4 42.7 55.2 59.4 46.6	20 26 22 20	9 9 10		5.4	>>		0.5					» 0.2	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1	1.6 3.0 2.2 1.2			18.5 24.6 20.0 35.6 17.8 15.8 22.0	4.8 4.8 0.2	0.6	0.2	0.2							13.0 5.6 32.6 33.0 23.0	1.4 1.4 3.4 3.6 0.5			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6	20 26 22 20 21 21	9 9 10 10 9		5.4	>>		0.5					0.2 : » »	3.6 1.0 2.0 12.0 12.8 2.2 0.8	1.6 3.0 2.2			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0	4.8 4.8 0.2	0.6	0.2	0.2							13.0 5.6 32.6 33.0 23.0 16.2	1.4 1.4 3.4 3.6 0.5 4.4			
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4	20 26 22 20 21 21	9 9 10 10 9		5.4	» 0.2 .		0.5		0.6			0.2 : » 7.0	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0	1.6 3.0 2.2 1.2		+ : : : : : : : : : : : : : : : : : : :	18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0	4.8 4.8 0.2 1.4	0.6	. 0.2	0.2							13.0 5.6 32.6 33.0 23.0 16.2 19.4	1.4 1.4 3.4 3.6 0.5 4.4 4.0			
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4	20 26 22 20 21 21 17 29	9 10 10 9		5.4	>>		0.5					» 0.2 » » 7.0	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0	1.6 3.0 2.2 1.2		• : • : • : • : • : • : • :	18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0	4.8 4.8 0.2	0.6 0.2 0.8	. 0.2	0.2							13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3	20 26 22 20 21 21 17 29 20	9 10 10 9 9 H		5.4	» 0.2 .				0.6			» 0.2 » » 7.0	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0	1.6 3.0 2.2 1.2		+ : : : : : : : : : : : : : : : : : : :	18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0	4.8 4.8 0.2 1.4	0.6	. 0.2	0.2							13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3 43.6	20 26 22 20 21 21 17 29 20 21	9 9 10 10 10 9 9 H		5.4	» 0.2 .		. 0.5		0.6			» 0.2 » » 7.0	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4	1.6 3.0 2.2 1.2 0.2 5.0		+ : : : : : : : : : : : : : : : : : : :	18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0 18.0	4.8 4.8 0.2 1.4	0.6 0.2 0.8	. 0.2	. 0.2							13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station	56.9 58.2 66.4 42.7 55.2 59.4 46.6 45.4 106.4 33.3 43.6 73.4	20 26 22 20 21 21 17 29 20 21 21	9 10 10 10 9 9 H 9 9		5.4 7.0	» 0.2 .		. 0.5		0.6			» 0.2 » » 7.0	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4	1.6 3.0 2.2 1.2		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0 18.0 22.8 49.4	4.8 4.8 0.2 1.4	0.6 0.2 0.8	. 0.2	0.2							13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 15.6	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3 43.6 73.4 79.8	20 26 22 20 21 21 17 29 20 21 21 21 23	9 9 10 10 10 9 9 H		5.4	» 0.2 .		0.5		0.6			30.2 : 30	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4	1.6 3.0 2.2 1.2 0.2 5.0		- : : : : : : : : : : : : : : : : : : :	18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0 18.0 22.8 49.4	4.8 4.8 0.2 1.4	0.6 0.2 0.8		0.2							13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup	56.9 58.2 66.4 42.7 55.2 59.4 46.6 45.4 106.4 33.3 43.6 73.4	20 26 22 20 21 21 17 29 20 21 21	9 10 10 9 9 9 H 9 9 10		5.4 7.0 3.6	» 0.2 4.0		. 0.5		. 0.6			30.2 : 30	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8	1.6 3.0 2.2 1.2 0.2 5.0 2.8 0.2 4.4		- 1	18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0 18.0 22.8 49.4 33.0	4.8 4.8 0.2 1.4	0.6 0.2 0.8		0.2							13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 15.6	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Qualrading	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3 43.6 73.4 79.8 50.4 59.8	20 26 22 20 21 21 17 29 20 21 21 23 22 17	9 10 10 9 9 9 H 9 9 10		5.4 7.0 3.6	» 0.2 4.0		. 0.5		. 0.6			30.2 : 30	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8 3.8	1.6 3.0 2.2 1.2 0.2 5.0 2.8 0.2 4.4			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 115.0 22.0 18.0 22.8 49.4 33.0 41.0 33.0	4.8 4.8 0.2 1.4	0.6 0.2 0.8		0.2							13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 15.6 13.0 12.0 16.4 12.6	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kukin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Qualrading Ravensthorpe	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3 43.6 73.4 79.8 50.4 59.8 45.8	20 26 22 20 21 21 17 29 20 21 21 23 22 17 19 32	9 9 10 10 9 9 9 10 10 9 10		5.4 7.0 3.6	» 0.2 4.0		0.5		. 0.6			7.0 4.2	3.6 1.0 2.0 12.0 112.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8 3.8 1.8 0.2	1.6 3.0 2.2 1.2 0.2 5.0 2.8 0.2 4.4 4.8			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 33.8 115.0 22.0 18.0 22.2 49.4 49.4 41.0 33.0 552.0	4.8 4.8 0.2 1.4	0.6 . 0.2 0.8 		0.2							13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 15.6 13.0 12.0 16.4 12.6 0.4	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0 0.6			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Quairading Ravensthorpe Tambellup	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 133.3 43.6 73.4 79.8 50.4 59.8 45.8 126.1 57.3	20 22 20 21 21 21 17 29 20 21 21 23 22 21 17 19 32	9 9 10 10 9 9 9 10 10 9 10 9		5.4 7.0	» 0.2 4.0				. 0.6 		» »	7.0 4.2	3.6 1.0 2.0 112.0 112.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8 3.8 1.8 0.2 1.6 118.8	1.6 3.0 2.2 1.2			18.5 24.6 20.0 335.6 17.8 15.8 22.0 20.0 335.8 15.0 22.0 18.0 22.2 49.4 41.0 333.0 52.0 23.0	4.8 4.8 0.2 1.4	0.6 . 0.2 0.8 									13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 15.6 13.0 12.0 16.4 12.6 0.4 7.7	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0 0.6			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Qualrading Ravensthorpe Tambellup Wagin	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3 43.6 73.4 79.8 50.4 59.8 45.8 126.1 57.3 80.7	20 26 22 20 21 21 17 29 20 21 21 23 22 17 19 32	9 9 10 10 9 9 9 10 10 9 10		5.4 7.0	» 0.2 4.0				. 0.6 			7.0 4.2	3.6 1.0 2.0 112.0 112.8 2.2 0.8 3.1 1.0 113.4 1.6 3.4 1.0 5.8 3.8 1.8 0.2 1.6 118.8 3.0	1.6 3.0 2.2 1.2 0.2 5.0 2.8 0.2 4.4 4.8			18.5 24.6 20.0 35.6 117.8 115.8 22.0 20.0 35.8 115.0 22.0 118.0 22.2 49.4 41.0 33.0 52.0 23.0 44.2	4.8 4.8 0.2 1.4 11.4 1.6 18.0 2.2	0.6 . 0.2 0.8 									13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 15.6 13.0 12.0 16.4 12.6 0.4 7.7 34.0	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0 0.6 0.8			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kukerin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Quairading Ravensthorpe Tambellup Wagin Wandering	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3 43.6 73.4 79.8 50.4 59.8 126.1 57.3 80.7 62.0	20 26 22 20 21 21 27 29 20 21 21 23 22 17 19 32 20 20	9 10 10 9 H 10 10 9 H 10 10 10 10		5.4 7.0	» 0.2 4.0				. 0.6 		» »	7.0 4.2	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8 3.8 1.8 0.2 1.6 18.8 3.0	1.6 3.0 2.2 1.2			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0 18.0 22.8 49.4 41.0 33.0 22.4 41.0 33.0 42.2 42.2	4.8 4.8 0.2 1.4	0.6 . 0.2 0.8 									13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 15.6 13.0 12.0 14.4 7.7 34.0 21.6	1.4 1.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0 0.6 0.8 0.2			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Qualrading Ravensthorpe Tambellup Wagin Wandering Wickepin	56.9 58.2 66.4 42.7 55.2 59.4 46.6 73.4 106.4 33.3 43.6 73.4 59.8 45.8 126.1 57.3 80.7 62.0 63.4	20 26 22 20 21 21 27 29 20 21 21 23 22 17 19 22 20 21 21 23 22 21 21 21 21 21 21 21 21 21 21 21 21	9 9 10 10 9 9 H 10 10 9 H 10 10 10 10 10		5.4 7.0	» 0.2 4.0	4.0			. 0.6 		» »	7.0 4.2	3.6 1.0 2.0 112.0 112.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8 3.8 1.8 0.2 1.6 18.8 3.0	1.6 3.0 2.2 1.2 0.2 5.0 2.8 0.2 4.4 4.8			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0 18.0 22.8 49.4 41.0 33.0 22.4 41.0 23.0 42.2 44.0	4.8 4.8 0.2 1.4	0.6 . 0.2 0.8 									13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 15.6 13.0 12.0 14.4 7.7 34.0 21.6 16.2	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0 0.6 0.8			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Qualrading Ravensthorpe Tambellup Wagin Wandering Wickepin Williams	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3 43.6 73.4 79.8 50.4 59.8 45.8 126.1 57.3 80.7 62.0 63.4 46.0	20 26 22 20 21 21 17 29 20 21 21 23 22 17 19 32 20 20 18 18	9 9 10 10 9 9 10 10 9 9 H 10 10 10 9 H		5.4 7.0	» 0.2 4.0				. 0.6 		» »	7.0 	3.6 1.0 2.0 112.0 112.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8 3.8 0.2 1.6 18.8 3.0 14.6 1.6 7.0	1.6 3.0 2.2 1.2			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0 18.0 22.2 49.4 41.0 33.0 52.0 42.2 44.0	4.8 4.8 0.2 1.4 	0.6 . 0.2 0.8 									13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 15.6 13.0 12.0 16.4 12.6 0.4 7.7 34.0 21.6 16.2 18.2	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0 0.6 0.8 0.2 1.4			0.2
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Qualrading Ravensthorpe Tambellup Wagin Wilkepin Williams Woodanilling	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3 43.6 73.4 59.8 45.8 126.1 57.3 80.7 62.0 63.4 46.0 68.0	20 26 22 20 21 21 21 22 20 21 21 23 22 20 20 20 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9 9 10 10 9 9 10 10 9 H 10 10 9 10 10 9 10		5.4 7.0	» 0.2	4.0	0.2		. 0.6 			0.2 : "" 7.0	3.6 1.0 2.0 12.0 12.8 2.2 0.8 3.1 1.0 5.8 3.4 1.0 5.8 3.8 1.8 0.2 1.6 1.8 1.6 1.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1.6 3.0 2.2 1.2			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 20.0 20.0 18.0 22.8 49.4 41.0 22.4 41.0 22.4 41.0 23.0 42.2 24.0 41.0 25.0 40.0	4.8 4.8 0.2 1.4 	0.6 . 0.2 0.8 				•					13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 7.2 13.6 12.0 16.4 12.6 0.4 7.7 34.0 21.6 16.2 18.2 10.0	1.4 1.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0 0.6 6. 0.8 0.2 1.4			
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Qualrading Ravensthorpe Tambellup Wagin Wandering Wickepin Williams	56.9 58.2 66.4 42.7 55.2 59.4 46.6 45.4 33.3 43.6 73.4 79.8 45.8 126.1 57.3 80.7 62.0 63.4 46.0 68.0 Total	20 26 22 20 21 21 21 22 21 23 22 21 27 19 32 20 20 20 40 40 40 40 40 40 40 40 40 40 40 40 40	9 9 10 10 10 9 H H 10 10 10 10 10 10 10 10 10 10 10 10 10		5.4 7.0 	» 0.2 4.0	4.0			. 0.6 		» »	0.2 : "" 7.0	3.6 1.0 2.0 112.0 112.8 2.2 0.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8 3.8 0.2 1.6 18.8 3.0 14.6 1.6 7.0	1.6 3.0 2.2 1.2			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 35.8 15.0 22.0 18.0 22.2 49.4 41.0 33.0 52.0 42.2 44.0	4.8 4.8 0.2 1.4 	0.6 0.2 0.8									13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.6 15.6 13.0 12.0 16.4 12.6 0.4 7.7 34.0 16.2 16.2 18.2 10.0 26	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0 0.6 0.8 0.2 1.4			
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Quairading Ravensthorpe Tambellup Wagin Wandering Wilckepin Williams Woodanilling Eucla (11)	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.6 45.4 106.4 33.3 43.6 73.4 59.8 45.8 126.1 57.3 80.7 62.0 63.4 46.0 68.0	20 26 22 20 21 21 21 22 20 21 21 23 22 20 20 20 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9 9 10 10 9 9 10 10 9 H 10 10 9 10 10 9 10		5.4 7.0 	» 0.2	4.0	0.2		. 0.6 			0.2 : "" 7.0	3.6 1.0 2.0 12.0 12.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8 3.8 1.8 0.2 1.6 18.8 3.0 14.6 7.0	1.6 3.0 2.2 1.2			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 20.0 18.0 22.8 49.4 41.0 23.0 23.0 44.0 23.0 44.0 23.0 44.0 23.0 44.0 44.0 25.0 46.0	4.8 4.8 0.2 1.4	0.6 0.2 0.8				•					13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 13.6 15.6 13.0 12.0 16.4 12.6 0.4 7.7 34.0 21.6 16.2 16.2 10.0 21.	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.8 1.0 0.6 0.6 0.8 0.2 1.4			
Jerramungup Katanning Kojonup Kondinin Kukerin Kulin Lake Grace Mount Walker Nalyerlup Narembeen Narrogin Newdegate Research Station Newdegate Ongerup Pingelly Quairading Ravensthorpe Tambellup Wagin Wandering Wickepin Williams Woodanilling Eucla (11) Balladonia	56.9 58.2 66.4 42.7 55.2 59.4 46.6 57.4 106.4 33.3 43.6 73.4 79.8 50.4 57.3 80.7 62.0 68.0 Total 145.9	20 22 20 21 21 17 29 20 21 21 23 22 17 19 32 20 20 18 18 18 20 20 20 21 21 21 23 24 25 26 27 27 28 29 20 20 20 20 20 20 20 20 20 20	9 9 10 10 9 9 H 10 10 9 10 10 10 9 11 10 10 10 10 10 10 10 10 10 10 10 10	1.6	5.4 7.0	» 0.2 4.0	4.0	0.2		1.0 			0.2 : 3	3.6 1.0 2.0 12.0 12.8 3.1 1.0 13.4 1.6 3.4 1.0 5.8 3.8 1.8 0.2 1.6 18.8 3.0 14.6 7.0 18.2	1.6 3.0 2.2 1.2			18.5 24.6 20.0 35.6 17.8 15.8 22.0 20.0 20.0 18.0 22.8 49.4 41.0 23.0 23.0 44.0 23.0 44.0 23.0 44.0 23.0 44.0 44.0 25.0 46.0	4.8 4.8 0.2 1.4	0.6 . 0.2 0.8 	0.2			•					13.0 5.6 32.6 33.0 23.0 16.2 19.4 25.0 13.6 15.6 13.0 12.0 16.4 12.6 0.4 7.7 34.0 21.6 16.2 16.2 10.0 21.	1.4 1.4 3.4 3.6 0.5 4.4 4.0 5.0 1.8 1.0 4.2 4.9 2.0 0.6 0.8 0.2 1.4			

Daily and total rainfall for March 2013

Total is the total precipitation for March 2013; 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 March. **Decile** is the decile rank of total precipitation for March 2013 in the climate record of other March 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.

South East (12)	Total	Avg D	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	36.0	24	8	22.0	3.4										3.2		4.0			0.4		2.2	0.6							0.2				
Bullfinch	44.7	24	9		3.2									18.5						13.5									7.5	2.0				
Bulong	119.6	26	10	21.8	70.0				4.0					5.2	3.4			6.4		4.0	2.0									2.8				
Kalgoorlie-Boulder Airport	124.8	26	10	>>	» 1	04.2					>>	>>	>>	5.6	5.0			>>	>>	4.6	1.8									3.6				
Laverton Aero	45.2			32.0	8.8										3.4				0.8	0.2														
Laverton	36.1	30	7	31.0	0.7										3.2				1.2															
Leonora	72.0	29	10	44.4	19.6										4.8			2.0	0.2			0.8								0.2				
Lort River	124.2	27	10		40.2	1.2	0.2		10.0		1.4			3.2	2.0		>>	>>	31.0	17.4				0.4					1.8	15.4				
Menzies	119.0	26	10	31.0	83.0										3.0															2.0				
Munglinup Melaleuca	141.8	31	Н	>>	>>	>>	>>	>>	>>	>>	>>	>>	>>	>>	>>	>>	40.0	25.0	28.8	12.2	6.6								3.4	25.8				
Norseman Aero	112.0			2.6	69.2	0.2				5.0	0.2			7.0	4.2	0.2		2.8	3.8	9.4	3.8									3.0	0.6			
Salmon Gums Res.Stn.	144.6	26	10		55.4	0.8	0.2		3.0	1.8	1.8			4.2	2.6			17.4	18.2	17.4	4.0								1.2	16.4	0.2			
Southern Cross Airfield	37.6				2.2									20.6						7.6									3.8	3.2	0.2			
Westonia	54.4	23	9											23.3				8.5		11.4									9.8	1.4				
Yeelirrie		32		26.0	0.4					7.0							5.4																	-
Yundamindra	56.5	30	8	34.0	21.0										1.5																			
North East (13)	Total	Avg D	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	19.8	46	6	1.6			8.6	0.2	1.2	6.4			1.8																					
Carnegie	95.0	34	9	87.4	2.1																					1.2	0.1	4.2						
Giles Meteorological Office	73.4	37	9	7.6	38.6	1.0				1.6																				7.0	3.4		14.2	
Telfer Aero	7.6	77	2	4.6	0.2									2.8																				
Warburton Airfield	46.8	31	8	11.6	13.0												0.2										2.6	0.2		3.2		12.2	3.4	0.4
Wiluna	64.9	36	9	56.5	1.0					0.5					0.6		4.2	0.8		0.2				0.7			>>	0.4						
Wongawol	12.2	32	5	3.2																						3.6	5.4							