

Monthly Weather Review

Victoria

September 2010



Australian Government
Bureau of Meteorology

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

It is intended to provide a concise but informative overview of the temperatures, rainfall and significant weather events in Victoria 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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You may also wish to visit the Bureau's home page, <http://www.bom.gov.au>.

Units of measurement

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

Observation times and periods

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

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

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

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

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

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

Climatological values

The climatological averages shown in the text and tables are generally long-term means based on observations from all available years of record, which vary widely from site to site. They are not shown for sites with less than 10 years of record, as they cannot then be calculated reliably. Climatological extremes are generally taken from available observations from all available years of record. The number of years can vary substantially from site to site.

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Cover photograph

Flood waters across Egan's Bridge Road, Wanalta.

Photograph by Margaret McLean, 5 September 2010. Used with permission.

If you have a photo you think would make a good cover for the Monthly Weather Review, please contact us at the address above.

Overview

Daytimes in Victoria were generally cooler than usual this September with mean maximum temperatures up to 3 °C below normal across the state. Night-time temperatures were generally close to average. Rainfall patterns were normal for most of the state except parts of Gippsland, that were drier, and parts of the Great Dividing Range, that were wetter than usual. There was major flooding in the north of the state at the start of the month.

Extremes in September 2010

Hottest day

(Highest daily maximum temperature)

24.6 °C at Bairnsdale Airport on the 4th

24.6 °C at Orbost (Comparison) on the 4th

24.6 °C at Lakes Entrance (Eastern Beach Road) on the 27th

Warmest days on average

(Highest mean daily maximum temperature)

18.3 °C at Mildura Airport

Cooler days on average

(Lowest mean daily maximum temperature)

2.5 °C at Mount Hotham

Coldest day

(Lowest daily maximum temperature)

-2.6 °C at Mount Hotham on the 16th

Coldest night

(Lowest daily minimum temperature)

-7.6 °C at Mount Hotham on the 8th

Cooler nights on average

(Lowest mean daily minimum temperature)

-2.5 °C at Mount Hotham

Warmest nights on average

(Highest mean daily minimum temperature)

9.4 °C at Cape Nelson Lighthouse

9.4 °C at Gabo Island Lighthouse

Warmest night

(Highest daily minimum temperature)

13.3 °C at Orbost on the 5th

Wettest overall

(Highest total rainfall)

334.4 mm at Falls Creek (Rocky Valley)

Driest overall

(Lowest total rainfall)

0.2 mm at Mount Useful

Wettest day

(Highest daily rainfall)

135.2 mm at Whitlands (Burder's Lane) on the 5th

Highest wind gust

139 km/h at Falls Creek on the 4th

Significant weather

Widespread flooding across the north

A major rain event affected the north of Victoria on the weekend of the 4th and 5th as a low pressure system over South Australia deepened and moved into Bass Strait, with an associated trough extending north into NSW. Rain began falling on the 3rd and by 9 am on the 4th a large proportion of the state had received in excess of 25 mm, with some areas receiving as much as 80 mm. Rainfall continued during the 4th with the highest 24 hour totals to 9 am on the 5th centred over the northeast ranges with some places receiving in excess of 130 mm. The highest rainfall totals for the event were 242.8 mm at Falls Creek, 216.4 mm at Whitlands and 181 mm at Myrree. Significant riverine flooding occurred over the ensuing days as flood waters made their way into the states river systems. Major flood warnings were issued for many river systems including the Avoca, King, Ovens, Goulburn and Wimmera Rivers with many homes and business affected in towns such as Creswick, Charlton, Wangaratta and Shepparton. Every river basin north of the Great Divide experienced Major flooding except for the Campaspe which saw areas of Moderate flooding. A total of 331 flood warnings (110 Major) were issued for the duration of the event. New record flood peaks were recorded at 10 forecasting locations in northern Victoria.

Strong winds also affected southern and elevated areas of the state from late on the 4th and overnight into the 5th as the low moved into the Tasman Sea. The strongest recorded gust was 137 km/h at Falls Creek, while away from the Alpine areas the strongest gusts were 122 km/h at Colac and Wilsons Promontory and 118 km/h at Cape Otway. In the Melbourne area 104 km/h was the strongest wind gust, recorded at St Kilda. The Victorian SES received over 2000 requests for assistance across the duration of the event.

Tornados

Two separate tornado reports were also received for the month. One was reported on the afternoon of the 4th just east of Broadford to the north of Melbourne. A storm spotter reported a damage path around 100 m wide and 4km long with numerous trees damaged and roof tiles removed from one house. The other reported tornado sighting was on the 13th in the Miram/Diapur area in the North Wimmera District, however there were no reports of damage.

Synoptic summary

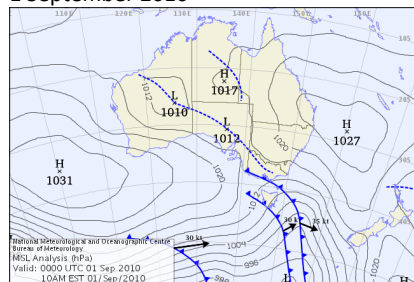
September started with a trough extending from the northwest corner of the state through to West Gippsland. Behind the trough was a cold front that delivered rainfall to most districts on the 1st and 2nd. A high pressure system moved across Bass Strait on the 3rd, clearing away most of the rain before a deep low pressure system passed to the south of the state in the following days. Widespread rainfall associated with the low pressure system contributed more than 50 mm to some parts of the state on the 4th and 5th. This rainfall went on to produce significant flooding in the north of the state and was the largest rainfall event for the month.

A high pressure system centred over the state on the 7th made way for another cold front that came in from the west on the 9th. Rainfall associated with the front was recorded in most districts on the 10th. The next few days were dominated by a high pressure system before another low pressure system tracked eastward across the north of the state on the 14th. Rainfall associated with the low pressure system was focused over the North Mallee District. Trailing behind the low pressure system, a cold front swept across southern parts of the state on the 15th but delivered less than 10 mm to most parts.

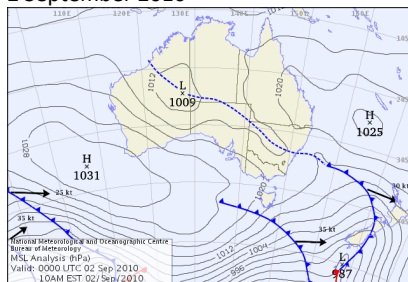
Over the following days the synoptic pattern over Victoria did not change much. A strong high pressure system in the Southern Ocean remained almost stationary for three days before it began to slowly move east into the Great Australian Bight. This set up a south-westerly wind pattern across most of the state until the 21st, with rainfall confined to the coastal districts excluding East Gippsland. Moving eastward, the high pressure system began to weaken and a new series of cold fronts, associated with low pressure systems in the Southern Ocean, crossed the state on the 25th and 27th. A trough skimmed across the bottom of the state on the 28th and the south-westerly winds helped deliver widespread rainfall to southern and central parts of the state. Another high pressure system moved into the Great Australian Bight on the 29th before tracking eastwards to finish the month over the top of Victoria.

Daily mean sea level pressure analyses

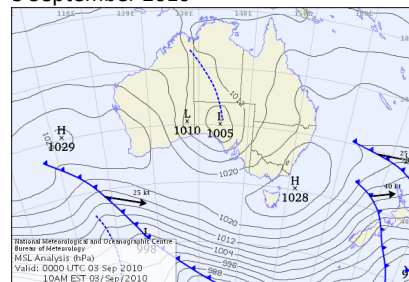
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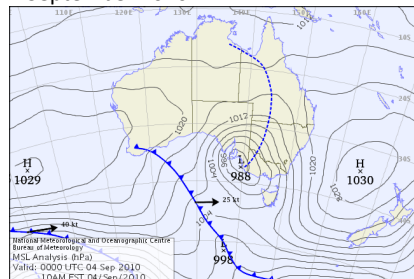
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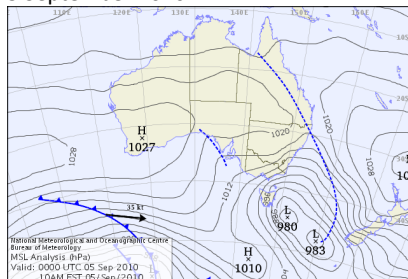
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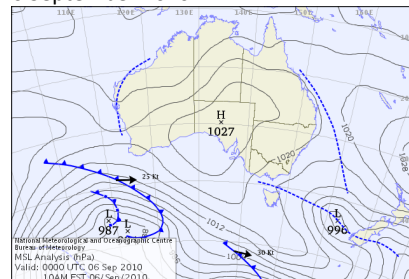
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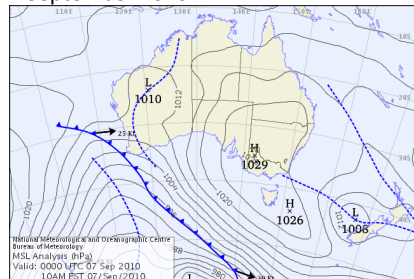
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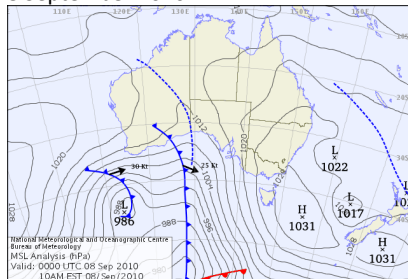
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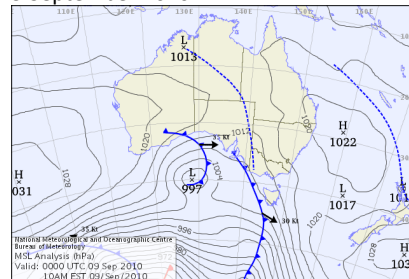
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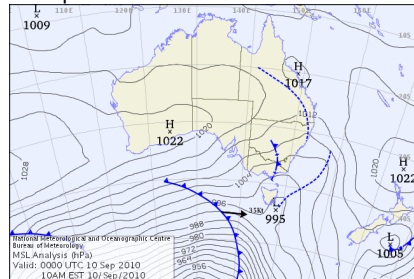
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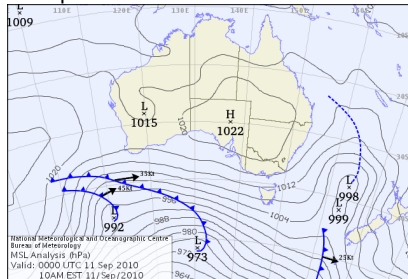
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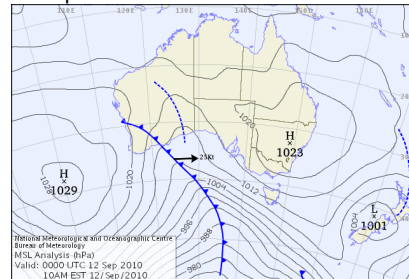
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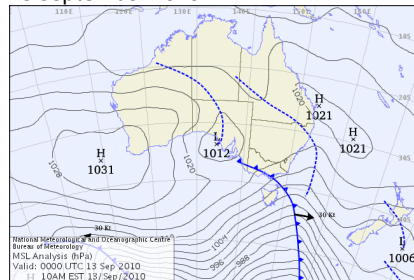
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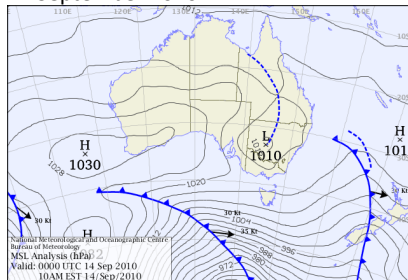
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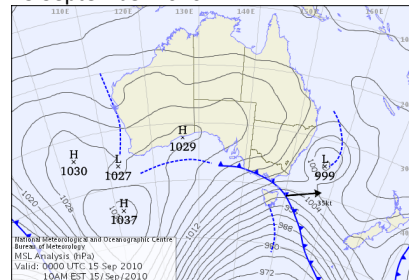
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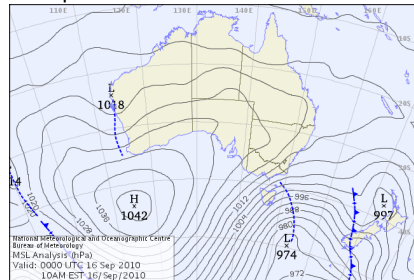
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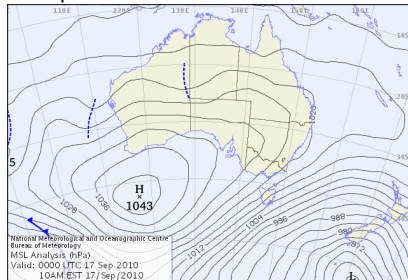
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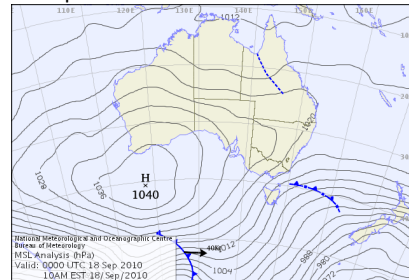
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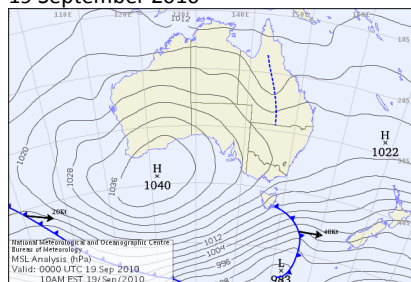
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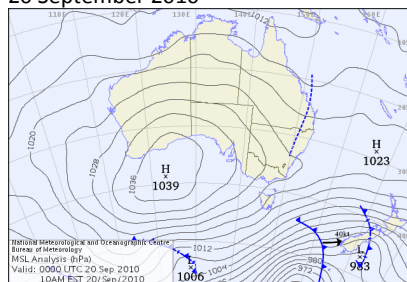
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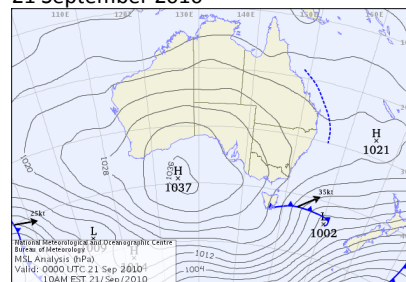
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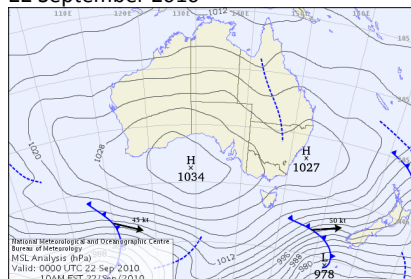
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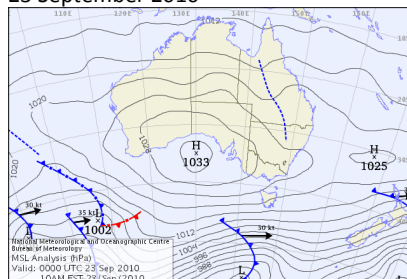
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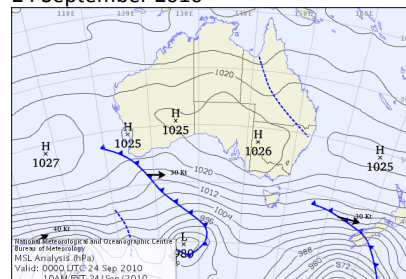
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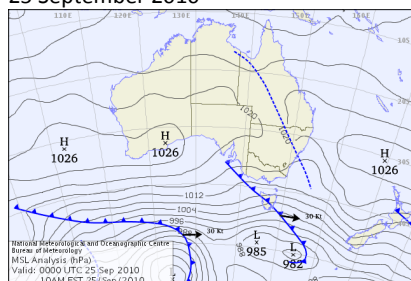
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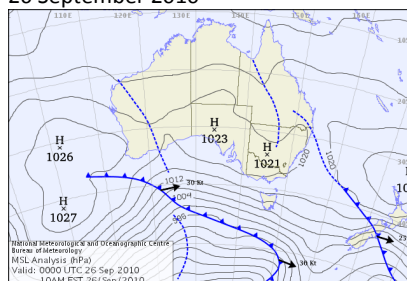
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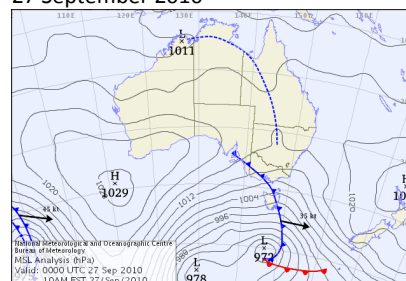
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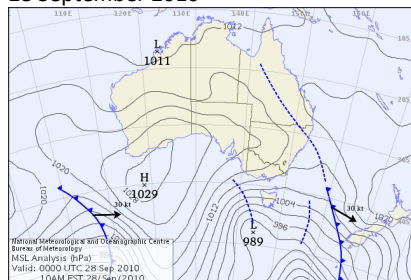
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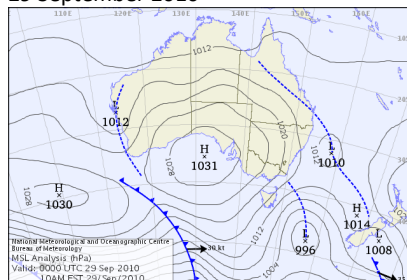
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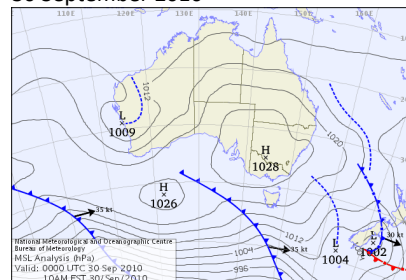
28 September 2010



29 September 2010



30 September 2010



Temperatures

The mean temperature for Victoria in September 2010 was 10.22 °C, which is -0.75 °C below the long-term average of 10.97 °C. Generally, mean daytime temperatures in the centre and west of the state were very much below average. In this area, most stations recorded mean maximum temperatures from 1 – 2 °C below their long-term average. Daytime temperatures in the east of the state were average to below average, with most sites recording mean maximum temperature 0 – 1 °C below their long-term average. Some parts in the north of the state recorded below average mean night-time temperatures (between 1 and 2 °C cooler than normal), and a small area in the southwest of the state observed above average mean night-time temperatures (between 0 and 1 °C warmer than normal). Elsewhere, the mean daily minimum temperatures were close to average for the month.

New temperature records

Record lowest September mean maximum temperature

	New record	Old record	Years of record
Mount Buller	2.8	3.2 in 2003	24

Maximum temperatures

In the northwest of the state, average daily maximum temperatures were colder than usual. All stations in the North Mallee District recorded mean daily maximums very much below average, generally 2 °C cooler than normal. However, stations within the district still recorded the warmest days on average for Victoria during September with 18.3 °C at Mildura Airport, followed by 18.2 °C at Ouyen (Post Office), and then 17.7 °C at Walpeup Research. In the South Mallee District, Swan Hill Aerodrome recorded its lowest ever September mean daily maximum temperature, 17.6 °C. Mean maximum temperatures in the North Wimmera district were below average.

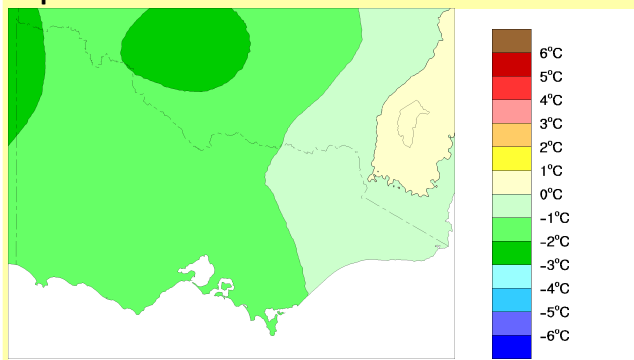
In the southwest of the state temperatures were generally very much below average. Mean daily maximum temperatures in the South Wimmera and West Coast districts ranged from below average to lowest on record with Horsham Aerodrome, Stawell Aerodrome, Colac (Mount Gellibrand), Cape Nelson Lighthouse and Warrnambool Airport NDB all recording their coolest average maximum September temperatures ever. The Western Plains district also recorded below average to very much below average mean maximum temperatures but didn't break any records this month.

In the middle of the state, mean maximum temperatures ranged from below average to lowest on record with Shepparton Airport, Redesdale, Eildon Fire Tower, Viewbank (ARPANSA), and Coldstream all recording their coolest average maximum September temperatures ever. Most stations in the Lower North, Upper North, North Central, West Central and East Central districts recorded mean maximum temperatures 1 – 2 °C below normal.

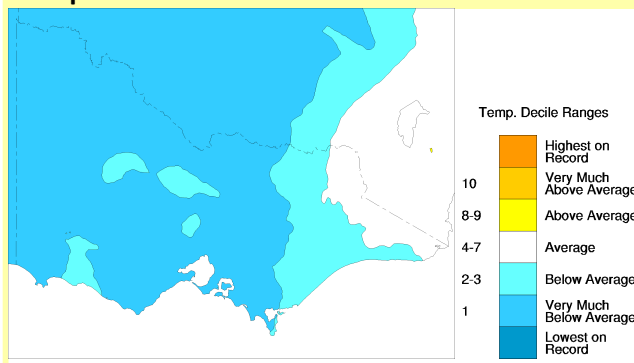
Mean daily maximum temperatures were below average in the east of the state. All stations in the Lower Northeast District recorded below average mean maximum temperatures, generally 1 °C colder than normal. Mean maximum temperatures were below average at all station in the Upper Northeast District except for Mount Buller which recorded its coldest September mean maximum temperature ever, and the second coldest for the state this month, with 2.8 °C. The district also recorded the three coldest days for the month with –2.6 °C at Mount Hotham on the 16th, followed by –2.5 °C at Mount Buller on the 29th, and then –2.1 °C, again at Mount Buller, on the 16th. The coldest days on average were also recorded in the Upper Northeast District with 2.5 °C at Mount Hotham. Average to very much below average mean maximum temperatures were observed in the East Gippsland District along with the states three hottest days. The hottest day was 24.6 °C at Orbost (Comparison) on the 4th and Lakes Entrance (Eastern Beach Road) on the 27th. The second hottest day was 24.2 °C at

Orbost on the 4th, followed by 23.6 °C at Orbost (Comparison) on the 27th. The West Gippsland District mean maximum temperatures ranged from below average to very much below average except for Mount Baw Baw which recorded its coldest September mean maximum temperature ever, and the third coolest days for the state this month, with 2.9 °C. The district shared the equal hottest day with 24.6 °C at Bairnsdale Airport on the 4th.

Anomalies of mean daily maximum temperature in September 2010



Decile rank of mean daily maximum temperature in September 2010



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

In the northwest, all stations recorded mean minimum temperatures that were cooler than normal but most were within 1 °C of their long-term mean. The exception to this was Swan Hill Aerodrome in the South Mallee District which recorded its coldest mean minimum temperatures for September.

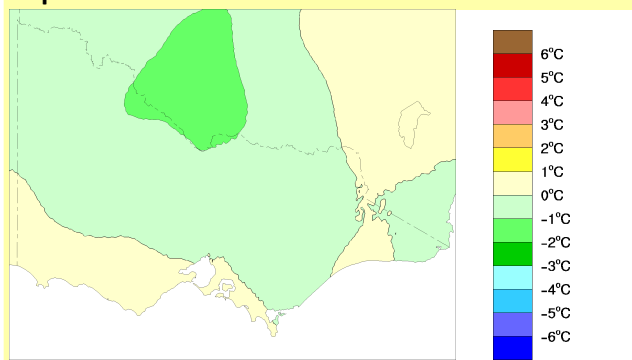
Generally, stations in the southwest of the state recorded temperatures that were close to average. There was a mixture of warmer and cooler than normal observations but all stations within the South Wimmera, Western Plains and West Coast districts recorded mean minimum temperatures within 1 °C of their long-term mean.

Mean minimum temperatures in the Central and North districts were cooler in the north than the south. The Lower North District recorded below average mean minimum temperatures. Mean minimum temperatures in both the Upper North and North Central districts were average to below average. All stations in the West Central District recorded average mean minimum temperatures but this was enough for Cape Nelson Lighthouse to claim equal warmest nights on average with 9.4 °C. Mean minimum temperatures in the East Central District were mixed but most sites observed temperatures within 1 °C of their long-term mean. Frankston AWS recorded the second equal warmest nights with 9.3 °C and the third warmest nights, 9.2 °C, were recorded at Rhyll. The equal third warmest night was 12.8 °C at Melbourne Regional Office on the 27th.

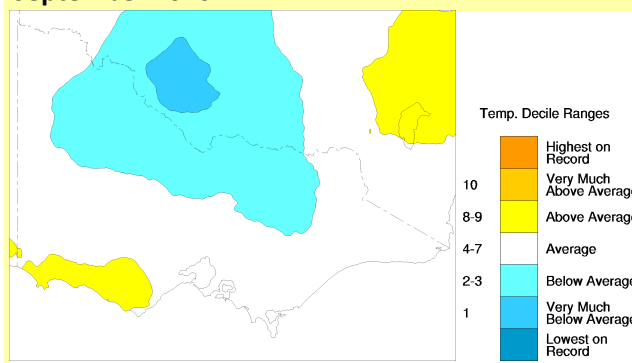
In the east of the state, mean minimum temperatures ranged from average to very much below average except for Dinner Plain (Mount Hotham Airport) which recorded its coolest mean minimum September temperature ever, -0.9 °C. Mean minimum temperatures in the Lower Northeast District were mixed but all were within 1 °C of normal. The Upper Northeast District earned a string of extremes this month with below average to very much below average mean minimum temperatures. The coldest night was -7.6 °C at Mount Hotham on the 8th, followed by -7.2 °C at Mount Hotham and Falls Creek on the 29th and 30th respectively, and then -7.1 °C at Mount Hotham on the 30th. The coolest nights on average were -2.5 °C at Mount Hotham, followed by -2.1 °C at Mount Buller, and then -1.8 °C at Falls Creek. Further east, mean minimum temperatures in the East Gippsland District were average to very much below average. Gabo Island Lighthouse shared equal warmest nights on average with 9.4 °C and the warmest night, 13.3 °C, was recorded at Orbost on the 5th. The second warmest night was 13.0 °C at Lakes Entrance (Eastern Beach Road) and Point Hicks (Lighthouse) on the 5th, Gabo Island Lighthouse also recorded the third equal warmest night, 12.8 °C, on the 5th. Mean minimum temperatures in the West Gippsland

District also ranged from average to very much below average. The district recorded the second warmest nights with 9.3 °C at Wilsons Promontory Lighthouse.

Anomalies of mean daily minimum temperature in September 2010



Decile rank of mean daily minimum temperature in September 2010



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

Rainfall

In the northwest rainfall was mixed ranging from lowest on record to very much above average, but was generally close to average. No records were broken in the North Mallee this month but all stations recorded average to very much above average rainfall. Rainfall across the South Mallee District was patchy with most stations observing average to above average rainfall but several stations only received below average to very much below average rainfall and Hopetoun (Wirribial downs) recorded its lowest September rainfall on record. Still in the South Mallee District, the third driest station for the month, Birchip (Woodlands), recorded 5.0 mm. Rainfall totals in the North Wimmera District were average to very much above average.

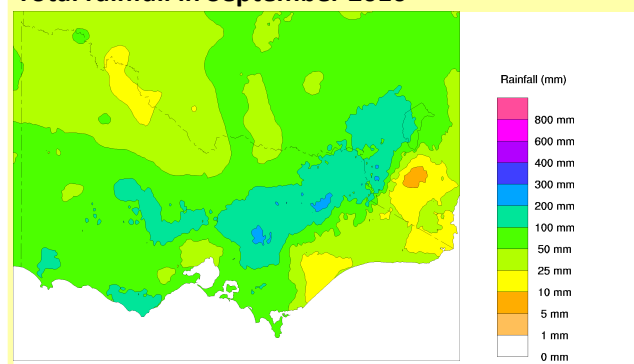
September rainfall in the southwest of the state was generally average with no records broken this month. Rainfall in the South Wimmera District was mostly average to very much above average but there were a couple of stations that reported large rainfall deficiencies. The Western Plains and West Coast districts received mixed rainfall but were generally close to average. Warrnambool Golf Club was the second driest station in the state with 4.6 mm.

More rainfall than normal was reported around the Great Dividing Range in the North and Central districts this month. Rainfall in the Lower North District was mostly average, however, several stations recorded above average rainfall for the month. In the Upper North District, rainfall was mixed but generally average to very much above average. Several stations in the North Central District recorded their wettest September on record but generally rainfall was above average to very much above average. The West Central District recorded mixed rainfall but most stations received close to normal. Stations in the East Central District mostly recorded average rainfall but there were some sites that only received below average to very much below average rainfall.

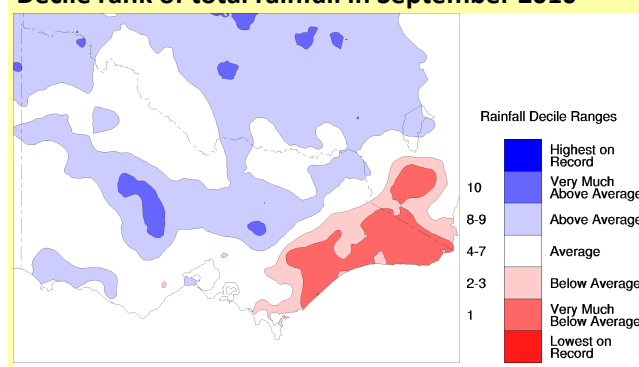
In the east of the state rainfall totals ranged from highest on record to lowest on records but generally it was drier than usual around the coast and wetter than usual around the Great Dividing Range. Across the Lower and Upper Northeast districts, rainfall was generally average to very much above average. Many stations in the districts broke their September rainfall records. The Upper North District recorded all of this month's wettest rainfall extremes. The wettest overall was 334.4 mm at Falls Creek (Rocky Valley), followed by 270.0 mm at Whitlands (Burder's Lane), and then 234.6 mm at Mount Buller. The wettest single day was 135.2 mm at Whitlands (Burder's Lane), followed by 131.4 mm at Mount Hotham, and then 116.0 mm at Lake Buffalo, all of which occurred on the 5th. Rainfall over the East Gippsland District was mostly below average to very much below

average with a couple of stations recording their driest Septembers ever. The station that received the least amount of rainfall for the month was Mount Useful with 0.2 mm. Elsewhere in the West Gippsland District, rainfall was generally average to very much below average.

Total rainfall in September 2010



Decile rank of total rainfall in September 2010



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

New rainfall records

Record highest September daily rainfall

	New record	Old record	Years of record
Maryborough	79.6 on the 4th	59.4 on the 18th in 1903	133
Clunes	64.0 on the 4th	47.0 on the 20th in 1993	132
St Arnaud	65.0 on the 4th	52.6 on the 19th in 1915	131
Nariel Creek (Simpson)	83.2 on the 5th	70.6 on the 10th in 1921	125
St Arnaud (Coonooer Bridge)	47.0 on the 4th	45.7 on the 15th in 1962	124
Wooroonook	53.0 on the 4th	42.7 on the 15th in 1962	124
Campbelltown	66.8 on the 4th	59.9 on the 23rd in 1916	119
Redbank	72.0 on the 4th	58.4 on the 8th in 1921	114
Bealiba	70.0 on the 4th	52.1 on the 17th in 1903	112
Carisbrook	92.4 on the 4th	88.9 on the 23rd in 1916	110
Talbot (Post Office)	66.2 on the 4th	48.0 on the 19th in 1913	110
Burkes Flat	58.8 on the 4th	55.9 on the 18th in 1903	109
Navarre	78.0 on the 4th	50.3 on the 7th in 1921	109
Lexton	62.0 on the 4th	48.0 on the 19th in 1915	108
Warburton (O'Shannassy Reservoir (Quarte	64.6 on the 5th	59.4 on the 23rd in 1955	95
Koetong	79.0 on the 5th	67.6 on the 29th in 2005	91
Whitlands (Burder's Lane)	135.2 on the 5th	117.4 on the 27th in 1978	81
Tottington	63.4 on the 4th	55.6 on the 2nd in 1988	76
Archerton	110.4 on the 5th	102.1 on the 9th in 1949	69
Omeo Shannon Vale	65.6 on the 5th	61.0 on the 24th in 1998	59
Glen Park (White Swan Reservoir)	68.6 on the 4th	37.6 on the 25th in 1960	58
Sedgwick	59.2 on the 4th	42.2 on the 30th in 1963	55
Addington	44.2 on the 4th	42.4 on the 2nd in 1975	53
Terip Terip	60.0 on the 5th	59.8 on the 11th in 1988	52
Creswick	80.0 on the 3rd	42.4 on the 30th in 1953	47
Lima South (Lake Nillahcootie)	103.0 on the 5th	78.0 on the 28th in 1979	43
Murrayville (Carina)	30.0 on the 4th	29.6 on the 16th in 1975	43
Beulah West	34.0 on the 4th	28.4 on the 7th in 1983	42
Kyneton	49.0 on the 4th	44.8 on the 11th in 1988	42
Tabilk (Tahbilk Winery)	53.0 on the 6th	39.6 on the 29th in 1996	42
Lake Buffalo	116.0 on the 5th	74.4 on the 28th in 1979	41
Smeaton (Blampied (Bardia))	75.0 on the 4th	43.6 on the 28th in 1979	41
Benloch	46.0 on the 4th	43.6 on the 8th in 2004	39
Navarre (Avon No.3)	75.0 on the 4th	59.0 on the 2nd in 1988	38
Warrenbayne	54.8 on the 4th	52.0 on the 17th in 1986	29
Strath Creek	42.6 on the 4th	36.0 on the 26th in 2000	28
Majorca	93.0 on the 4th	42.0 on the 11th in 1988	24
Avoca (Homebush)	62.4 on the 4th	45.8 on the 2nd in 1988	23

Record highest September total rainfall

	New record	Old record	Years of record
Majorca	128.6	109.0 in 1993	23

Highest September total rainfall for at least 20 years

	Observed this month	Most recent higher	Years since higher
Carisbrook	118.6	143.8 in 1916	86
Maryborough	112.9	137.8 in 1979	31
Navarre	109.0	131.0 in 1979	29
Navarre (Avon No.3)	108.6	112.8 in 1988	22
Creswick	132.3	135.6 in 1975	20

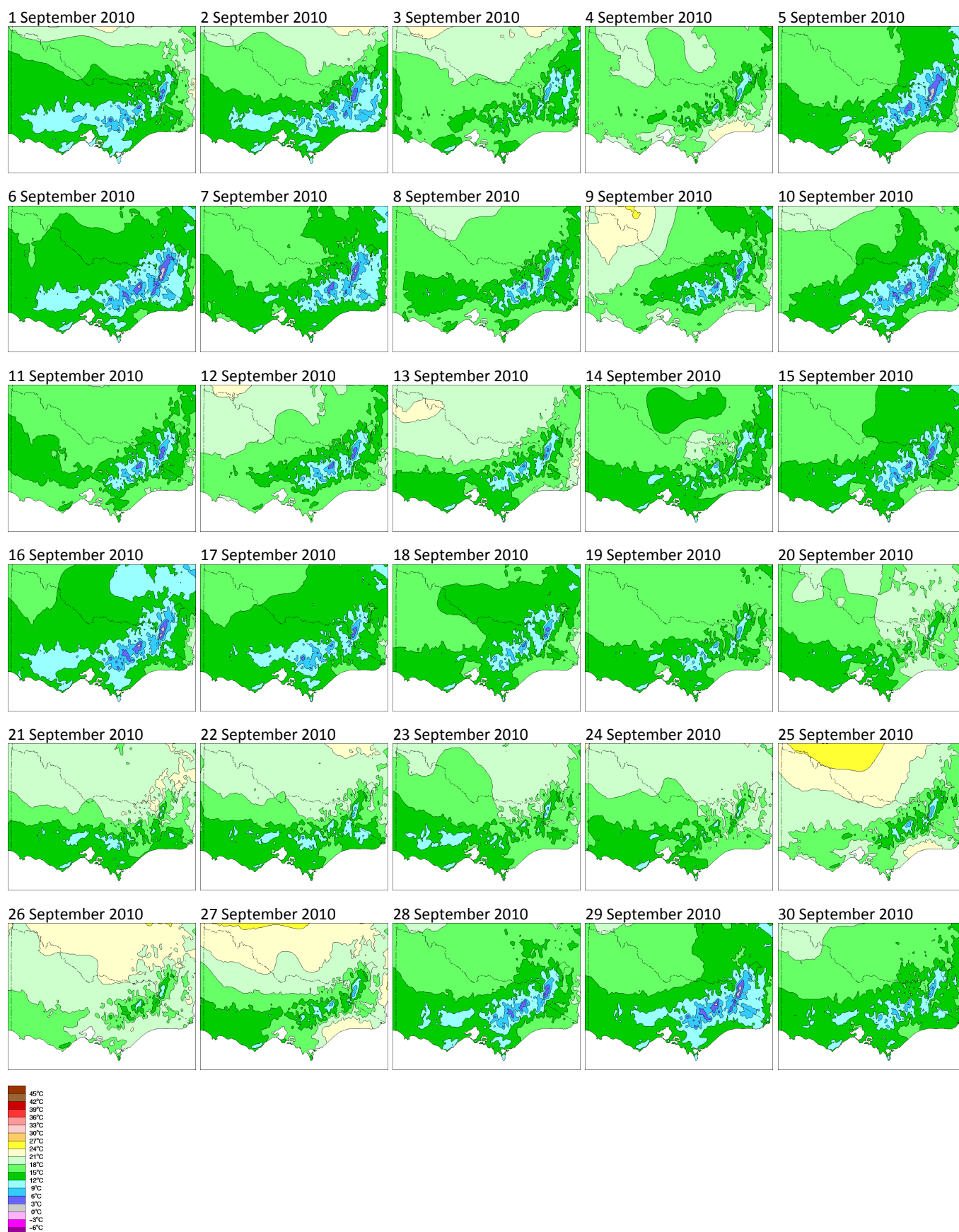
Record lowest September total rainfall

	New record	Old record	Years of record
Club Terrace	21.6	22.8 in 1972	50
Fernbank (Towri)	16.2	17.9 in 1968	41
Cann River	27.4	32.1 in 2008	36

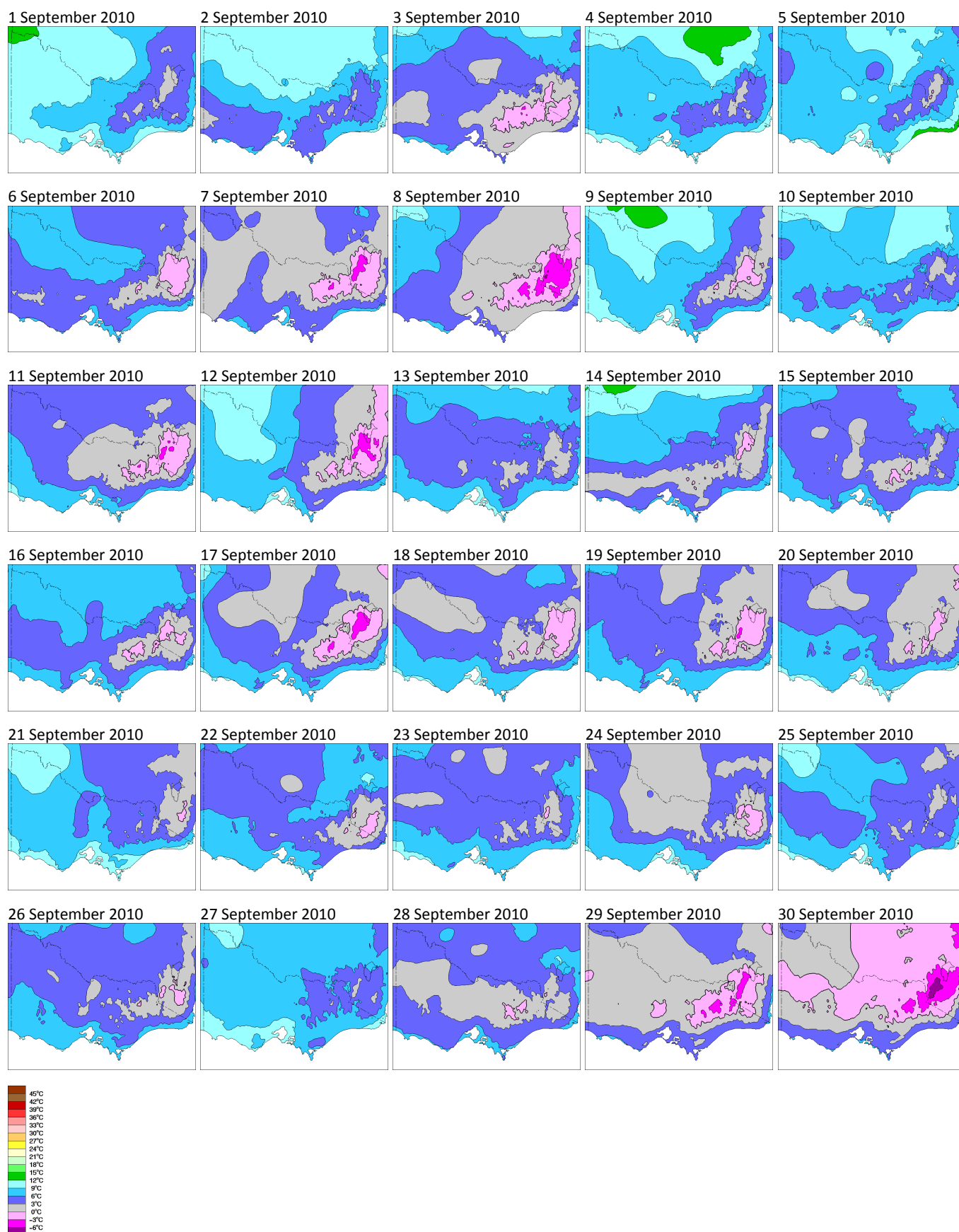
Lowest September total rainfall for at least 20 years

	Observed this month	Most recent lower	Years since lower
Winchelsea (Post Office)	6.5	6.1 in 1918	90
Seaspray (Burong)	16.8	16.2 in 1934	75
Birchip (Woodlands)	5.0	4.8 in 1951	59
Darriman (Tarralangi)	20.8	14.0 in 1954	54
Lindenow	19.2	14.3 in 1968	40
Tubbut	16.8	7.7 in 1968	40
Buchan	28.2	21.8 in 1972	38
Cabbage Tree Creek	24.8	19.1 in 1968	38
Gabo Island Lighthouse	21.6	12.0 in 1972	38
Genoa (Fools Haven)	24.4	22.4 in 1973	37
Nowa Nowa	26.0	19.3 in 1972	37
Lake Tyers	23.6	19.6 in 1972	34
Wulgulmerang (Pleasant View)	23.6	22.6 in 1981	29
Black Mountain	29.0	25.2 in 1981	28
Goongerah	37.2	36.6 in 1981	27
Avoca	10.8	9.1 in 1914	26

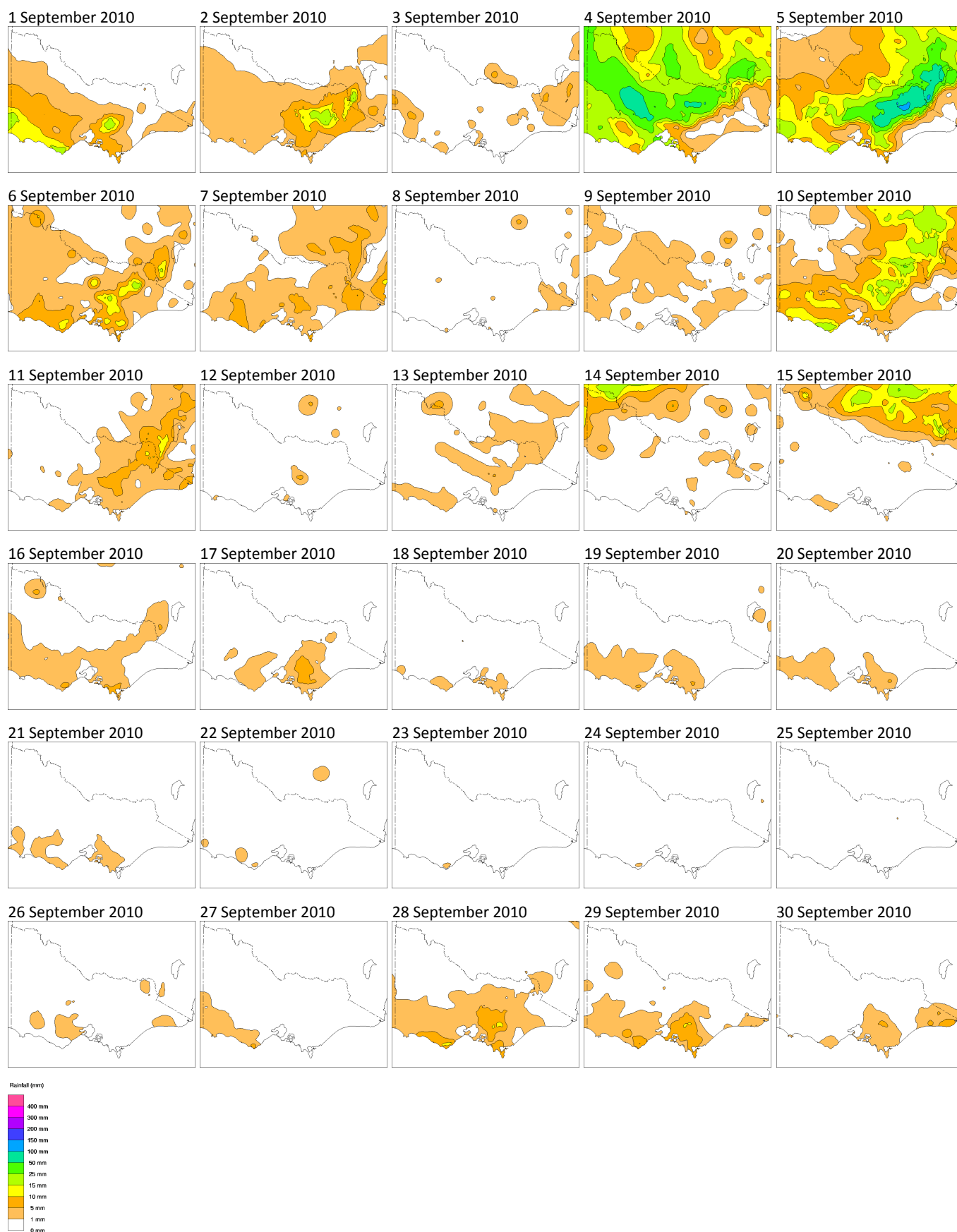
Daily maximum temperature for September 2010



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 September 2010

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 September 2010

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 Melbourne in September 2010

Observations and climatology are from the city, except for evaporation, sunshine and wind which are from Melbourne Airport.

	Observed this month		Climatological value	
Temperature				
Mean daily maximum temperature	16.5 °C		17.2 °C	
Mean daily minimum temperature	9.1 °C		7.9 °C	
Mean temperature	12.8 °C		12.6 °C	
Mean temperature at 9 am	11.9 °C		12.3 °C	
Mean temperature at 3 pm	15.0 °C		16.1 °C	
Highest temperature	22.1 °C	on the 26th	31.4 °C	on the 28th in 1928
Lowest temperature	5.2 °C	on the 8th	−0.5 °C	on the 16th in 1908
Days 30 °C or warmer	0		0.0	
Days 35 °C or warmer	0		0.0	
Nights 5 °C or cooler	0		4.8	
Nights 2 °C or cooler	0		0.5	
Humidity				
Mean relative humidity at 9 am	65 %		67 %	
Mean relative humidity at 3 pm	54 %		53 %	
Pressure				
Mean MSL pressure at 9 am	1018.9 hPa		1017.6 hPa	
Mean MSL pressure at 3 pm	1017.1 hPa		1015.5 hPa	
Wind				
Strongest wind gust	W 91 km/h	on the 5th	N 115 km/h	on the 2nd in 2002
Mean wind speed at 9 am	20 km/h		22 km/h	
Mean wind speed at 3 pm	24 km/h		24 km/h	
Days with strong wind	3		9.0	
Days with gales	2		1.6	
Days with gale-force gusts	5		9.0	
Rainfall				
Total precipitation	49.6 mm		58.0 mm	
Number of rain days	17		14.9	
Wettest day	10.6 mm	on the 7th	58.7 mm	on the 23rd in 1916
Sunshine				
Mean daily sunshine	4.4 hours		6.2 hours	
Evaporation				
Mean daily evaporation	2.8 mm		4.2 mm	
Phenomena				
Days of thunder	0		1.2	
Days of hail	0		1.1	
Days of frost	0		1.3	
Days of fog	0		1.2	
Days with mist or haze	14		13.9	

Daily and mean maximum temperatures for September 2010

Mean is the average of the daily maximum temperature for September 2010; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily maximum temperature for September 2010 and the long-term average maximum temperature for September. **Decile** is the decile rank of mean daily maximum temperature for September 2010 in the climate record of other September 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 September 2010 are highlighted.

North Mallee (76)		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
Mildura Airport		18.3	-2.1	1	17.9	18.6	20.8	18.7	16.7	15.6	16.5	17.7	22.6	18.4	15.4	20.6	20.3	16.6	16.5	16.1	16.5	16.0	15.8	17.4	18.4	19.0	18.6	18.9	23.2	20.3	22.4	17.2	17.1	18.1
Ouyen (Post Office)		18.2	-2.0	1	15.9	16.8	17.8	17.7	16.7	14.9	15.9	17.6	21.4	17.7	17.7	20.2	21.3	17.2	17.4	15.8	17.5	16.4	16.3	18.1	19.8	18.8	18.4	20.1	22.4	21.1	22.0	16.9	16.8	18.4
Walpeup Research		17.7	-1.8	1	14.7	16.1	17.2	17.4	16.2	15.0	15.7	16.9	21.3	17.3	14.4	19.9	21.0	17.3	16.6	16.1	17.3	15.8	15.9	18.8	19.2	18.9	17.5	19.4	22.3	20.1	21.9	17.0	17.1	17.8
South Mallee (77)		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
Hopetoun Airport		17.0			13.2	15.9	17.4	18.4	15.4	14.6	15.4	16.9	21.1	17.1	15.2	19.3	19.3	15.4	17.2	14.9	14.4	15.2	16.1	16.1	19.0	18.0	15.8	19.3	20.6	20.6	19.2	16.6	16.4	17.2
Swan Hill Aerodrome		17.6	-2.7	L	16.1	16.5	18.4	18.8	16.7	14.5	15.6	17.7	20.6	16.8	15.3	19.1	20.3	16.1	17.1	14.8	15.2	14.0	15.3	18.3	20.0	18.5	16.8	18.6	22.3	20.3	22.2	17.3	16.4	17.5
North Wimmera (78)		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
Nhill Aerodrome		16.2			12.1	14.7	15.5	16.2	15.3	14.2	14.6	15.4	20.9	16.7	14.1	19.0	19.2	16.2	16.0	14.1	15.2	16.8	16.4	15.6	17.6	16.8	15.5	15.9	19.0	18.5	17.0	14.1	15.1	16.4
Warracknabeal Museum		16.6	-1.5	2	12.4	14.5	17.5	17.4	15.8	14.6	15.2	16.4	19.5	17.0	14.5	18.8	19.0	16.6	16.6	14.2	15.0	16.6	16.8	16.4	17.4	17.0	15.2	16.6	20.0	19.0	18.2	16.0	15.8	16.6
South Wimmera (79)		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
Edenhope Airport		14.9			12.0	14.4	15.4	16.9	13.0	14.0	15.8	15.9	18.8	15.2	14.5	17.1	16.7	15.4	14.4	11.9	14.3	15.9	14.3	14.1	14.8	15.0	12.7	14.2	17.9	17.0	14.3	13.0	13.5	13.3
Grampians (Mount William)		6.8			4.6	3.0	11.2	10.6	6.3	3.2	7.6	6.9	9.0	5.8	6.0	8.9	7.0	7.7	4.7	2.4	5.3	6.3	5.8	11.4	5.1	5.1	8.6	8.1	9.8	14.2	6.2	4.6	4.6	6.1
Horsham Aerodrome		15.9	-2.3	L	12.1	14.8	16.3	16.4	15.3	14.5	14.6	14.8	19.1	15.8	14.2	17.7	17.3	15.8	15.3	13.6	14.3	16.9	16.1	15.6	17.4	15.4	14.6	15.9	19.9	19.0	17.2	14.7	15.4	15.6
Horsham Polkemmet Rd		16.2	-1.4	1	15.2	15.0	16.6	16.5	15.7	14.0	15.0	14.4	20.0	16.4	14.2	18.2	17.6	16.0	16.6	14.0	13.6	16.9	16.6	16.2	17.2	15.6	14.9	16.3	20.0	19.2	17.1	15.1	15.0	15.8
Kanagulk		14.7			11.3	13.8	15.8	15.9	14.2	13.3	14.0	14.8	19.1	15.6	14.1	17.0	16.0	13.9	15.3	13.2	13.9	15.5	14.8	14.2	13.9	12.7	13.5	18.4	17.4	15.4	13.1	13.6	13.7	
Longerenong		15.7	-1.6	2	12.3	13.8	16.5	17.5	15.4	13.7	14.7	13.8	19.3	15.8	14.5	17.9	17.8	15.1	15.6	13.8	13.4	16.4	16.0	15.4	16.9	16.1	14.1	15.8	19.1	17.9	17.1	14.4	14.2	14.9
Pyrenees (Ben Nevis)		9.3			6.8	7.0	12.6	11.8	9.6	6.0	9.6	9.1	11.8	8.7	10.2	11.0	11.5	10.1	8.7	6.0	7.8	8.2	9.4	8.2	8.1	6.7	7.8	10.0	12.8	13.9	10.4	8.7	7.7	8.8
Stawell Aerodrome		15.0	-1.7	L	11.7	13.7	16.3	16.1	14.7	12.3	14.8	13.6	17.4	15.3	14.4	16.0	17.3	15.3	14.9	12.7	14.4	16.4	16.7	14.6	14.0	14.2	14.9	14.6	18.6	17.0	16.4	13.0	13.6	13.7
Lower North (80)		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
Charlton		16.5			12.3	16.2	17.5	17.9	15.5	14.2	15.4	15.8	17.4	16.7	14.7	17.3	19.0	15.8	15.6	14.4	14.6	16.8	15.6	17.5	18.5	18.1	15.9	16.0	19.3	19.7	19.0	15.5	16.4	16.2
Echuca Aerodrome		16.6	-1.7	1	14.5	15.5	17.7	17.8	15.5	14.6	15.7	16.1	16.3	14.4	15.9	17.6	19.2	16.3	15.1	14.6	14.3	15.5		17.0	17.5	17.5	17.7	17.8	20.5	20.9	20.0	15.5	15.1	15.4
Kerang		17.3	-1.8	1	15.6	16.3	18.3	18.0	17.0	14.9	16.0	17.6	19.5	15.7	16.2	18.6	19.7	15.0	17.0	14.7	14.9	15.0	15.4	17.8	19.5	18.0	18.0	18.4	21.3	20.5	21.2	16.1	15.5	16.2
Kyabram DPI		16.5	-1.0	2	16.2	15.5	16.3	17.5	15.6	14.7	15.2	15.9	16.6	15.2	16.3	16.1	19.8	17.0	15.4	14.6	14.2	15.5	15.8	17.1	17.7	18.0	17.3	18.2	20.4	20.5	18.8	15.7	15.7	15.2
Upper North (81)		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
Bendigo Airport		15.5	-1.3	2	11.8	14.5	16.3	16.3	14.8	13.4	15.6	15.3	14.4	14.2	15.7	15.4	18.2	15.9	15.2	13.2	12.9	16.3	15.2	16.9	17.1	16.2	16.6	15.8	18.7	19.6	16.7	14.5	14.3	15.1
Shepparton Airport		15.7	-2.6	L	13.1	15.0	15.4	16.8	15.0	14.3	14.9	15.5	14.9	14.2	15.1	15.2	17.9	16.5	14.9	14.2	13.6	14.5	14.9	16.5	17.4	17.4	16.1	15.7	20.1	20.5	18.0	15.4	14.7	14.7
Tatura Inst Sustainable Ag		15.8	-1.2	2	14.4	14.9	15.6	16.8	15.4	14.5	15.1	15.2	14.4	15.4	15.4	18.5	16.7	15.1	14.1	14.5	14.2	14.8	16.4	17.1	17.1	16.0	15.5	20.0	20.2	18.3	15.0	14.6	14.8	
Yarrawonga		16.8	-1.7	1	14.3	16.9	17.5	17.0	15.9	14.1	15.1	16.1	14.9	14.2	16.2	15.7	19.2	17.9	14.7	14.1	14.2	14.2	16.4	18.9	20.0	18.9	18.2	18.0	22.2	21.4	20.7	16.4	14.7	15.2
Lower Northeast (82)		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
Benalla Airport		16.2			13.0	16.2	16.6	17.0	14.6	14.2	15.3	17.0	13.7	14.5	15.7	14.8	18.5	18.4	14.7	13.6	13.6	15.4	16.5	19.2	21.0	19.0	18.3	16.9		20.0	17.7	14.1	13.9	14.9
Corryong Airport		16.6			15.8	14.3	16.5	17.8	14.0	14.0	15.4	15.8	13.3	12.7	15.0	15.8	18.1	18.8	15.2	13.8	15.0	13.3	17.6	19.6	21.9	19.5	19.6	20.7	19.0	21.2	20.2	15.3	14.0	16.2
Dartmouth Reservoir		15.7	-0.8	3	15.2	13.0	16.0	16.0	13.3	12.8	14.0	14.5	11.8	11.0	15.0	15.8	16.2	16.2	14.4	12.9	13.7	12.7	17.5	19.9	21.6	20.1	20.0	19.8	15.5	20.5	19.0	14.2	14.0	15.5
Hunters Hill		11.1	-10.1	3	11.2	10.1	11.8	12.5	5.7	6.2	10.2	10.9	9.2	6.4	8.9	11.1	12.0	14.6	7.8	7.3	8.0	7.5	12.2	15.3	17.2	15.2	15.3	15.9	13.0	16.1	14.0	8.7	9.2	10.4
Rutherglen Research		16.2	-1.0	2	13.9	16.6	16.8	17.1	14.8	13.7	14.7	16.3	14.7	13.6	15.5	15.6	18.2	18.9	13.4	13.0	14.1	13.6	16.0	18.4	20.2	18.8	18.4	17.4	20.6	20.5	18.9	14.9	13.9	14.5
Strathgogie		12.9	-1.3	2	10.0	12.1	13.9	14.6	12.1		12.2	12.5	11.1	10.8	12.2	11.7	15.8	16.1	11.7	11.3	9.6	12.5	11.8	14.2	15.1	14.5	14.3	13.9	15.9	16.8	13.4	11.3	10.1	11.8
Wangaratta Aero		16.5	-1.0	3	13.5	16.6	17.1	17.0	14.6	13.3	15.2	15.8	14.9	13.9	16.1	15.1	18.5	19.1	14.3	14.0	14.0	14.8	17.0	19.2	20.9	18.9	18.5	18.1	20.3	19.8	18.7	15.1	14.4	14.8
Upper Northeast (83)		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
Dinner Plain (Mount Hotham Airport)		10.4	-0.8	3	9.6	4.5	11.2	11.8	6.4	5.5	6.7	10.7	9.4	6.0	8.8	7.7	9.6	11.7	8.9	6.3	11.6	11.3	12.8	15.0	15.2	14.2	15.2	16.4	11.6	15.7	12.4	8.4	6.2	10.7
Edi Upper		15.5	-0.7	3	12.0	16.2	16.2	16.4		13.0	14.4	15.0	13.2	12.2	14.0	12.9	16.7	18.6	13.0	12.8	13.2		17.4	20.6	18.6	17.8	17.0	17.6	19.0		17.2	13.4	13.8	
Falls Creek		3.9	-0.8	3	2.3	4.5	8.1	8.0	0.1	-0.5	1.1	1.8	2.7	-0.1	0.6	0.8	2.5	6.0	1.0	-0.8	3.7	3.9	4.2	5.0	11.3	10.0	8.4	7.6	4.2	7.2</				

Daily and mean maximum temperatures for September 2010

Mean is the average of the daily maximum temperature for September 2010; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily maximum temperature for September 2010 and the long-term average maximum temperature for September. **Decile** is the decile rank of mean daily maximum temperature for September 2010 in the climate record of other September 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 September 2010 are highlighted.

West Coast (90)	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
Aireys Inlet	14.7	-1.4	2	12.2	12.8	13.6	17.5	15.2	12.7	13.5	15.6	18.3	13.8	17.0	17.4	13.8	13.3	14.6	13.7	14.1	14.5	14.1	14.5	14.3	15.3	14.7	12.5	18.7	17.4	15.1	13.2	13.3	13.1
Cape Nelson Lighthouse	13.9	-1.9	L	13.5	13.2	13.3	16.3	12.8	13.1	14.5	14.7	18.0	13.4	16.0	17.6	13.1	13.8	12.4	12.0	13.1	12.7	12.6	13.8	13.4	12.8	13.4	13.8	16.9	16.2	13.3	11.5	13.1	12.7
Cape Otway Lighthouse	13.1	-2.1	1	12.4	12.4	13.2	17.7	12.3	12.5	12.7	14.9	16.0	12.6	14.3	16.2	12.8	12.6	12.0	11.9	12.5	12.6	12.2	13.0	13.5	13.0	12.3	12.5	15.5	13.9	12.1	11.0	12.2	11.5
Casterton Showgrounds	15.1	-1.3	1	12.7	13.4	15.8	18.4	15.3	13.0	14.8	16.3	18.0	16.0	15.5	17.3	14.0	15.2	14.1	15.3	14.6	14.7	14.5	14.8	14.0	15.5	12.5	15.3	19.0	17.7	14.3	13.9	13.7	13.5
Casterton	14.5			12.5	13.1	15.5	18.1	15.1	12.7	14.2	15.0	18.2	15.1	15.1	16.8	14.0	13.6	13.3	12.0	14.5	13.4	13.7	13.7	14.5	13.9	12.1	14.6	17.5	17.3	14.6	13.0	14.6	12.7
Colac (Mount Gellibrand)	12.4	-2.0	L	10.3	11.3	12.2	15.8	11.6	10.7	12.4	13.8	15.3	11.8	14.0	15.0	12.2	12.4	10.6	10.7	11.4	11.4	12.3	12.4	11.4	12.8	11.8	11.4	15.9	15.1	12.1	10.8	11.2	10.5
Dartmoor	14.4			13.4	13.6	14.7	17.7	14.2	12.7	15.1	15.8	17.3	14.8	16.0	17.2	14.0	13.6	13.8	12.2	14.1	12.3	13.4	14.6	14.1	14.1	13.1	14.7	17.9	16.8	13.6	12.5	13.5	12.3
Hamilton Airport	13.8	-1.4	2	11.5	12.7	15.9	17.2	13.0	12.0	14.0	13.2	17.0	14.9	15.5	16.4	12.7	13.4	13.8	11.3	13.6	14.0	13.4	13.0	13.8	12.3	11.3	13.7	17.2	16.3	13.9	12.2	12.8	11.5
Mortlake Racecourse	14.0	-1.6	2	12.0	12.3	15.7	18.0	13.1	12.0	14.0	15.0	17.6	13.7	16.1	17.6	13.2	13.3	13.1	11.4	13.6	12.4	13.1	13.7	13.0	13.2	11.9	13.8	17.8	17.0	13.6	12.3	12.7	12.7
Port Fairy AWS	15.0	-1.6	1	13.1	13.5	15.1	18.9	13.9	13.6	15.6	15.8	19.3	14.8	17.7	18.6	13.9	14.2	13.5	12.8	14.3	14.0	14.0	15.1	14.1	14.2	13.6	14.6	18.4	18.1	14.3	12.8	14.5	13.8
Portland (Cashmore Airport)	13.5	-1.6	1	12.9	12.2	13.0	16.2	13.1	12.3	14.1	13.7	16.8	13.7	15.7	16.7	12.4	12.9	12.5	11.9	13.1	13.1	12.2	13.8	12.9	13.0	13.0	13.5	16.0	15.1	12.8	12.4	12.7	12.5
Warrnambool Airport NDB	14.4	-1.6	L	12.3	13.1	14.9	18.0	13.5	13.6	14.8	15.5	18.0	14.1	16.5	17.6	13.8	13.2	13.4	12.0	13.5	13.8	13.4	14.4	13.3	14.0	13.0	13.6	18.0	17.0	13.9	13.1	13.2	12.6
Weeaprainah	9.9	-1.7	1	8.9	8.4		13.7	9.5	9.4	10.9	11.4	11.1	10.0	12.0	12.4	9.1	10.1	8.6	8.4	8.8	9.1	9.0	10.6	9.0	10.2	8.7	8.6	12.6	12.4	9.4	8.7	8.6	8.1

Daily and mean minimum temperatures for September 2010

Mean is the average of the daily minimum temperature for September 2010; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily minimum temperature for September 2010 and the long-term average minimum temperature for September. **Decile** is the decile rank of mean daily minimum temperature for September 2010 in the climate record of other September mean daily minimum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The **lowest** and **highest** minimum temperatures for each site for September 2010 are highlighted.

			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	
North Mallee (76)																																	
Mildura Airport	Mean Anom	Decile	11.3	9.7	7.3	10.0	7.3	7.3	2.6	9.1	10.6	8.5	4.5	9.7	6.2	11.1	6.7	7.9	4.7	2.6	5.4	3.9	10.1	5.2	5.6	3.3	9.5	5.4	9.2	4.5	2.7	1.6	
Ouyen (Post Office)	6.6	-0.1	4	10.0	10.4	6.4	8.1	7.4	8.4	2.9	6.9	10.1	7.6	5.1	10.1	7.5	8.9	4.6	8.2	3.9	2.9	4.6	3.0	11.0	5.4	5.3	5.3	9.1	5.5	9.1	4.9	1.9	2.4
Walpeup Research	6.0	-0.9	2	10.1	9.5	6.4	7.9	6.9	7.3	3.8	7.2	9.1	7.0	4.6	10.7	7.5	8.6	4.7	7.8	2.9	1.3	3.8	3.4	10.3	3.4	5.4	2.4	9.4	4.9	8.2	3.6	0.8	2.3
South Mallee (77)																																	
Hopetoun Airport	4.5		10.2	9.3	5.2	7.1	6.6	7.1	-0.2	6.0	9.4	6.1	2.5	10.3	2.4	8.0	2.5	6.4	0.2	1.3	1.9	3.1	9.1	4.1	2.8	-1.5	5.8	2.1	6.6	0.9	-1.0	-0.1	
Swan Hill Aerodrome	4.9	-1.2	L	10.3	10.0	3.2	8.1	7.6	6.6	2.4	5.3	10.1	7.7	1.9	9.5	3.9	7.5	2.7	7.4	0.6	1.4	3.0	2.3	7.0	4.9	4.4	0.4	6.1	3.7	6.0	1.8	0.4	0.5
North Wimmera (78)																																	
Nhill Aerodrome	5.7		10.1	7.5	4.2	7.3	6.6	5.4	1.0	6.7	8.7	6.5	5.8	9.1	5.9	7.4	4.9	5.8	4.8	4.6	6.9	5.6	7.5	5.1	2.7	7.4	4.6	7.2	6.9	3.0	1.0	0.0	
Warracknabeal Museum	5.7	-0.2	5	9.8	9.2	3.8	6.8	6.6	2.4	6.8	8.5	7.4	6.4	10.0	6.0	7.4	4.0	6.4	3.6	3.5	5.8	5.5	8.8	5.0	3.2	3.0	4.8	5.4	8.8	3.5	0.8	0.2	
South Wimmera (79)																																	
Edenhope Airport	6.6		10.2	4.8	2.8	6.8	7.4	4.0	0.8	7.0	9.7	6.6	9.0	8.0	7.5	6.7	7.1	6.0	7.2	7.5	8.2	8.4	8.6	8.7	6.2	8.4	6.6	6.3	8.9	4.3	2.0	1.2	
Grampians (Mount William)	0.9		3.9	0.4	-0.1	2.0	1.2	-0.9	-0.3	1.7	2.0	0.1	1.2	2.3	3.0	-0.9	-0.7	-0.4	-0.5	-0.2	0.9	1.6	3.7	1.4	0.0	-0.3	3.0	3.3	3.0	-0.7	-2.0	-1.4	
Horsham Aerodrome	4.7	+0.3	7	9.4	6.5	1.3	7.4	5.8	4.2	0.1	4.9	6.5	6.1	4.6	8.8	1.0	6.8	3.9	3.6	4.0	3.9	5.8	5.8	9.1	5.5	3.6	7.0	3.3	5.6	6.5	1.4	0.3	-1.5
Horsham Polkemmet Rd	5.3	-0.2	4		6.8	2.0	6.0	6.6	4.6	0.6	5.1	6.4	6.4	6.4	8.9	2.7	6.4	4.4	5.2	4.2	4.4	4.9	6.4	8.4	7.2	3.4	7.4	3.5	6.2	8.0	3.3	0.5	
Kanaguk	6.0		9.2	5.5	2.1	6.4	6.7	4.0	0.5	5.7	8.6	6.3	7.7	8.3	5.8	5.1	6.7	5.1	6.2	7.3	7.1	7.7	7.8	8.7	7.9	7.9	6.9	4.3	7.9	8.6	3.9	1.6	0.4
Longerenong	4.5	-0.6	3	9.5	6.7	2.3	7.6	6.0	4.5	0.2	5.3	8.3	6.2	2.7	8.8	2.2	7.0	4.0	1.6	4.9	3.3	6.7	8.3	2.9	3.4	6.0	2.0	5.3	5.6	1.1	-0.6	-1.7	
Pyrenees (Ben Nevis)	2.6		5.3	2.4	1.4	3.7	3.3	1.0	1.7	3.4	4.9	2.3	2.8	4.8	4.7	1.7	1.4	1.2	1.5	1.9	2.7	2.9	3.9	3.0	1.8	1.4	2.8	4.0	4.7	0.6	-0.7	0.3	
Stawell Aerodrome	5.9	0.0	6	9.0	4.6	7.9	8.1	4.9	2.2	5.5	7.5	6.7	6.4	9.1	4.7	7.1	4.5	6.2	7.0	1.5	7.0	5.4	8.6	8.9	8.2	1.4	5.9	5.8	8.4	5.3	1.5	0.9	
Lower North (80)																																	
Charlton	5.3		9.7	8.9	3.5	8.5	7.5	7.8	4.3	6.5	9.8	7.3	5.2	9.8	4.3	6.6	3.7	5.7	3.7	1.2	4.0	5.8	7.9	5.1	2.9	0.7	6.3	2.6	7.4	2.6	0.5	0.1	
Echuca Aerodrome	5.2	-1.1	2	10.0	9.2	3.6	7.4	8.6	6.8	2.6	1.7	6.6	8.1	3.2	9.2	5.7	5.9	2.6	6.2	3.2	3.4	3.7		4.8	4.0	6.0	2.1	8.0	3.8	8.3	4.2	1.7	0.2
Kerang	6.1	-0.6	3	9.9	9.5	4.4	7.8	8.6	8.0	3.4	4.0	11.0	8.2	4.9	8.6	6.4	6.9	4.4	8.0	2.9	3.3	4.9	4.5	7.6	5.4	5.0	5.0	8.0	5.5	7.9	4.9	1.9	2.0
Kyabram DPI	4.5	-0.8	3	8.7	9.0	4.9	7.6	8.8	6.8	1.9	0.5	8.3	7.3	0.7	8.7	2.9	6.2	3.4	4.8	2.0	1.7	3.0	3.2	5.7	5.7	4.4	1.6	6.6	1.8	6.5	2.8	1.1	-1.5
Upper North (81)																																	
Bendigo Airport	4.0	-0.3	5	9.1	8.7	5.1	8.2	8.5	4.5	1.6	1.1	8.0	5.5	0.1	8.8	1.9	5.7	2.0	6.7	3.1	0.3	2.7	7.6	3.7	4.1	4.5	-0.2	3.1	3.0	6.0	-0.1	-1.0	-2.1
Shepparton Airport	5.3	0.0	6	8.1	9.1	2.6	7.6	9.3	7.2	3.8	2.4	8.9	8.5	1.9	5.6	4.0	5.9	4.7	6.4	3.2	2.9	5.0	6.4	7.7	6.2	6.4	2.5	6.3	3.2	7.6	3.9	2.2	-0.4
Tatura Inst Sustainable Ag	4.5	-0.9	3	8.2	9.0	3.7	7.7	9.1	6.3	1.1	1.5	9.4	7.0	0.8	4.3	3.1	5.9	3.7	5.2	2.7	2.2	3.6	5.2	7.1	6.5	4.6	0.8	6.7	3.1	6.3	2.0	1.3	-1.8
Yarrawonga	4.4	-0.8	3	8.9	9.6	2.5	10.0	8.1	1.9	1.2	8.7	8.6	1.2	3.3	3.7	5.0	4.1	6.5	3.1	4.0	3.8	2.7	3.9	3.2	2.0	1.3	4.7	3.6	5.3	3.2	1.9	-0.1	
Lower Northeast (82)																																	
Benalla Airport	4.8		7.6	9.5	3.1	8.7	9.0	6.7	2.0	1.2	8.3	7.0	1.1	3.6	3.1	5.8	4.1	6.9	4.7	3.3	3.7	7.0	5.1	9.4	4.7	0.0	3.6		5.4	1.8	2.6	-1.2	
Corryong Airport	3.7		3.5	8.3	1.3	6.1	1.0	6.1	4.0	0.0	4.9	2.5	2.1	2.0	7.1	5.0	6.4	7.5	0.4	5.2	3.2	1.3	3.0	6.6	6.4	4.9	3.9	3.2	5.2	0.5	-0.5	-1.9	
Dartmouth Reservoir	4.7	+0.2	6	4.2	8.2	5.8	6.0	8.5	6.2	1.0	0.5	4.5	8.0	2.3	4.3	6.8	4.2	4.2	7.0	0.8	3.0	5.4	3.1	5.6	8.7	8.4	4.8	5.5	4.0	5.5	0.6	-1.3	
Hunters Hill	4.0	-0.5	2	4.4	6.3	3.1	6.0	3.9	3.2	0.8	1.9	4.5	5.6	1.9	3.6	5.4	3.9	1.7	-0.1	1.0	3.0	4.7	7.8	7.8	5.5	6.3	5.6	7.1	7.8	1.6	-0.5	0.3	
Rutherglen Research	3.6	-0.6	3	9.2	9.3	1.8	7.7	9.6	6.1	-0.4	-0.2	7.9	8.3	1.1	3.4	3.7	3.2	4.6	5.7	1.5	0.8	1.7	0.6	4.0	5.5	2.4	1.2	3.8	2.0	4.7	1.1	-0.6	-1.9
Strathgogie	3.1	-0.6	3		6.8	0.3	2.2	6.7	6.0	0.4	-1.8	6.9	6.9	-0.5	2.9	2.7	2.3	2.8	3.8	2.8	4.9	5.3	5.2	6.3	5.2	4.4	-1.2	4.5	0.5	4.9	-0.1	0.1	-2.1
Wangaratta Aero	4.8	+0.2	5	6.8	9.4	3.0	8.6	9.6	8.6	4.0	3.1	8.4	9.8	2.0	4.2	3.4	4.4	5.4	7.3	5.0	3.0	3.1	1.9	4.0	5.7	4.1	1.6	3.4	2.6	5.0	4.2	2.5	-0.9
Upper Northeast (83)																																	
Dinner Plain (Mount Hotham Airport)	-0.9	-1.6	L	3.4	1.8	-3.3	1.6	2.6	0.1	-3.2	-6.1	-0.8	3.0	-3.6	-3.0	2.5	-1.4	-3.2	-3.0	-2.5	-1.4	-4.2	-2.4	1.6	-0.5	0.3	1.1	2.7	-1.2	5.1	-0.1	-5.8	-5.6
Edi Upper	4.7	-0.8	3	7.9	8.5	1.9	8.8	7.8	0.8	1.6	7.6	8.4	2.0	4.2	5.4	4.6	4.4	5.6	2.2	2.2		3.4	7.6	4.2	4.0	6.4	4.5	7.8		0.5	0.2		
Falls Creek	-1.8	-0.9	3	-1.2	0.8	-4.7	2.2	-0.6	-2.1	-5.7	-5.6	-1.4	-0.2	-3.5	-2.9	-1.9	-1.3	-1.3	-5.2	-5.2	-1.1	-2.1	-1.2	4.1	0.1	-0.3	2.3	-0.6	0.2	1.8	-3.4	-6.2	-7.2
Mount Buller	-2.1	-1.4	1	-1.6	0.1	-2.7	1.0	-1.4	-2.4	-5.0	-4.0	-1.5	-1.2	-3.5	-2.8	-2.4	-0.6	-5.5	-4.9	-4.8	-3.8	-2.7	-1.8	1.5	1.7	1.0	-2.0	0.2	1.0	-5.2	-6.4	-5.8	
Mount Hotham	-2.5	-0.9	3	-2.2	-0.1	-5.5	1.0	-1.6	-2.8	-5.5	-7.6	-2.3	-1.2	-4.4	-3.5	-2.7	-1.6	-1.9	-5.7	-6.0	-3.6	-3.2	-1.9	4.1	0.4	0.3	1.9	-2.2	0.3	0.9	-		

Daily and mean minimum temperatures for September 2010

Mean is the average of the daily minimum temperature for September 2010; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily minimum temperature for September 2010 and the long-term average minimum temperature for September. **Decile** is the decile rank of mean daily minimum temperature for September 2010 in the climate record of other September mean daily minimum temperatures; "L" indicates this is the lowest on record, and "H" it is the highest on record. Anomalies and deciles are only shown if there are sufficient years of climate record available. The **lowest** and **highest** minimum temperatures for each site for September 2010 are highlighted.

West Coast (90)	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
Aireys Inlet	7.8	-0.2	4	10.0	7.6	9.1	9.5	9.0	5.2	6.1	5.6	8.7	7.9	8.2	9.7	9.0	6.8	7.2	6.9	7.8	8.6	7.4	8.6	8.4	8.6	7.3	8.8	8.1	7.7	10.7	6.1	5.0	5.2
Cape Nelson Lighthouse	9.4	0.0	5	10.0	9.2	9.9	11.1	9.7	8.2	3.0	7.1	10.0	8.6	10.3	9.5	10.6	9.4	9.5	9.3	10.3	9.9	10.0	10.2	10.0	9.9	10.2	9.6	10.4	11.0	10.5	8.0	7.8	7.6
Cape Otway Lighthouse	8.9	+0.4	7	10.3	9.3	9.2	10.2	9.1	7.3	6.7	7.1	10.3	8.2	9.3	10.0	10.0	8.0	8.8	8.7	8.7	9.4	9.3	9.7	9.6	9.3	8.9	9.2	10.2	10.0	9.9	7.5	6.9	6.5
Casterton Showgrounds	6.5	+0.1	6	10.5	2.2	2.9	7.7	8.0	4.0	-0.5	1.5	10.2	7.2	9.0	7.6	7.0	1.0	6.8	6.2	8.0	8.0	8.1	8.6	9.2	9.0	9.0	8.8	8.2	8.0	9.8	5.5	2.6	1.5
Casterton	6.1			10.0	3.2	3.2	7.4	7.0	2.3	0.2	5.4	9.7	6.2	7.6	6.7	6.8	1.1	6.4	5.6	7.2	7.6	7.7	7.9	8.7	8.4	8.6	7.6	7.4	6.6	9.4	4.5	1.2	1.8
Colac (Mount Gellibrand)	5.7	-0.6	3	8.1	4.7	5.1	7.6	7.2	3.8	3.2	3.9	6.3	6.0	6.7	7.7	5.8	4.8	4.8	4.6	5.0	6.3	5.4	6.7	7.9	6.9	6.0	6.7	6.3	6.8	8.2	4.0	2.3	3.3
Dartmoor	6.7			9.9	1.4	2.5	8.8	7.2	3.1	0.0	3.6	10.2	7.4	8.8	8.2	7.2	0.7	7.1	6.4	8.1	8.6	6.9	8.7	9.1	8.3	8.8	8.2	9.7	7.8	10.0	5.1	2.9	5.0
Hamilton Airport	5.7	-0.1	5	9.4	3.6	2.3	7.8	6.8	2.2	2.1	4.8	9.1	5.1	6.4	7.0	5.9	-0.2	6.1	5.3	6.4	6.6	6.6	7.4	8.4	7.8	7.6	7.6	6.6	6.7	8.5	3.9	1.7	1.3
Mortlake Racecourse	6.2	+0.7	8	9.9	1.2	3.0	8.6	8.3	3.5	5.3	5.6	9.4	5.8	6.8	8.1	6.2	0.6	5.4	6.4	7.0	7.6	5.6	8.7	9.3	7.3	8.0	7.9	7.6	5.2	9.6	4.6	2.4	2.4
Port Fairy AWS	8.9	+0.7	9	10.5	9.8	7.5	11.2	10.1	7.6	7.8	6.8	9.8	7.4	8.1	7.9	8.4	8.8	7.4	8.4	10.0	10.3	10.3	10.4	10.6	10.5	10.5	9.0	9.6	8.6	10.2	6.8	7.6	6.1
Portland (Cashmore Airport)	7.8	+0.3	7	9.7	5.7	8.3	9.8	9.1	6.8	2.7	4.1	8.7	7.7	9.5	7.7	8.5	7.6	8.2	7.8	8.8	9.2	7.5	8.9	9.0	7.5	9.2	8.3	9.2	8.4	9.2	6.4	6.5	5.1
Warrnambool Airport NDB	7.2	+0.6	9	10.1	3.4	5.8	9.3	8.8	4.9	6.7	5.1	8.9	7.1	8.0	7.4	7.5	4.2	6.3	7.1	8.1	8.9	7.1	8.9	9.3	7.7	8.7	7.9	8.3	6.5	9.6	5.2	5.9	4.5
Weeaprainah	5.2	-0.4	3	7.3	4.2	3.9		5.9	2.9	3.6	4.6	6.6	5.1	5.4	6.7	6.7	4.2	4.7	4.6	4.8	5.6	5.4	6.4	6.7	6.1	5.2	5.8	6.3	6.6	7.1	2.8	2.6	3.3

Daily and total rainfall for September 2010

Total is the total precipitation for September 2010; 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 September. **Decile** is the decile rank of total precipitation for September 2010 in the climate record of other September 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 Mallee (76)																																	
Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Annuello	28.2	28	6	-	0.4	-	6.2	1.4	1.4	0.8	-	1.0	1.0	-	-	-	12.8	2.6	-	0.2	-	-	-	-	-	-	-	-	-	-	-	0.4	
Mildura Airport	56.6	28	10	-	0.2	0.2	18.2	»	0.6	0.2	-	0.6	0.2	-	-	-	20.8	14.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Murrayville	43.6	33	8	1.8	1.0	-	33.4	1.2	1.0	-	-	0.2	0.8	-	-	-	3.6	-	0.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	
Ouyen (Post Office)	42.2	33	8	0.2	0.8	-	30.6	3.2	2.0	-	-	3.0	-	-	-	-	1.2	-	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	
Red Cliffs (Post Office)	51.8	27	10	-	-	-	-	-	22.4	-	-	-	-	-	-	-	16.8	12.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Walpeup Research	37.6	32	7	0.2	0.8	-	28.0	3.0	1.8	-	0.2	1.4	0.4	-	-	-	0.6	0.2	-	0.2	-	0.2	-	-	-	-	-	-	-	0.2	-	0.2	
Werrimull	33.0	24	8	-	-	-	18.0	1.4	1.2	-	-	-	1.0	-	-	-	9.4	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
South Mallee (77)																																	
Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Beulah	44.4	38	7	1.2	3.0	-	31.0	5.2	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Culgoa	37.6	36	7	-	-	1.2	1.4	28.0	4.0	1.2	-	-	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hopetoun Airport	43.8	-	-	0.8	1.8	0.2	26.6	2.8	0.4	-	-	0.8	0.4	-	-	-	0.2	0.6	-	-	0.2	-	-	-	-	0.2	-	-	-	-	-	8.8	
Patchewollock	32.0	31	6	-	-	-	30.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sea Lake (Post Office)	50.2	32	9	0.4	0.6	-	42.0	1.2	3.2	0.2	-	1.6	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Swan Hill Aerodrome	16.4	26	3	-	-	-	11.2	1.4	1.2	-	-	1.4	1.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Woomelang	50.2	35	8	1.2	1.4	-	40.0	-	6.4	0.2	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
North Wimmera (78)																																	
Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Dimboola	77.2	43	10	4.6	2.6	-	22.4	6.4	6.6	-	-	0.8	2.2	-	-	-	29.4	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1.0		
Donald	60.8	39	8	1.8	1.0	-	43.0	10.2	0.6	-	-	1.6	0.2	-	-	0.6	-	0.6	-	-	-	-	-	-	-	-	-	-	-	0.6	0.6		
Jeparit	40.2	40	6	3.2	2.4	-	27.6	1.8	3.6	-	-	-	1.2	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kaniva	59.4	49	8	6.4	2.4	-	21.4	11.4	3.8	-	-	-	5.2	-	-	-	4.2	2.0	-	-	-	-	-	-	-	-	-	-	-	1.0	1.6		
Nhill Aerodrome	49.2	-	-	4.0	1.0	0.2	22.4	5.2	2.6	-	0.2	0.2	1.0	-	-	-	11.4	-	0.4	-	0.2	-	-	-	-	-	-	-	-	0.2	0.2		
Warracknabeal Museum	58.2	42	8	2.6	2.4	-	37.4	5.0	7.2	-	-	0.2	0.4	-	-	-	0.6	-	1.4	-	0.2	-	-	-	-	-	-	-	-	0.4	0.4		
South Wimmera (79)																																	
Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Apsley (Post Office)	49.8	66	4	»	14.4	-	»	25.8	-	-	-	1.8	6.0	-	-	-	-	-	-	»	»	1.8	-	-	-	-	-	-	-	-	-	-	
Drung Drung	44.6	44	6	-	-	-	22.0	6.0	1.0	0.8	-	0.8	1.6	0.2	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	1.8	-	0.4	
Edenhope Airport	63.2	-	-	8.8	2.2	-	16.4	15.8	5.4	0.2	0.2	1.4	5.0	0.6	0.6	-	-	0.2	0.8	-	-	1.2	0.2	0.6	-	-	-	-	1.2	1.6	0.6	0.2	
Goroke (Post Office)	9.6	56	1	-	8.0	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Grampians (Mount William)	137.0	-	-	12.8	3.8	1.4	32.6	35.2	3.2	3.8	-	1.6	19.6	2.0	-	-	0.2	0.6	5.4	2.4	0.4	1.8	0.4	-	0.2	1.4	0.2	0.2	-	1.0	5.2	0.6	1.0
Harrow (Post Office)	54.9	65	5	1.2	-	12.0	26.3	13.2	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Horsham Aerodrome	42.8	39	7	7.8	2.0	-	23.6	4.2	2.2	-	0.2	0.4	1.0	0.2	-	-	-	0.6	0.2	-	-	-	-	-	-	-	-	-	-	0.2	0.2		
Horsham Polkemmet Rd	41.2	46	5	»	10.0	-	19.0	5.8	1.0	0.6	-	0.8	1.0	-	-	-	0.8	-	1.0	0.2	-	0.2	-	-	-	-	-	-	-	0.2	0.6		
Kanaguk	49.0	-	-	7.6	2.6	-	15.2	7.8	2.6	0.4	-	0.2	7.8	0.2	0.2	-	-	0.8	0.2	-	0.6	0.2	-	0.2	-	-	-	-	-	1.4	0.8	0.2	
Longerenong	45.6	41	7	7.0	1.2	-	29.8	3.8	0.8	0.2	0.2	0.8	0.6	0.2	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	
Natimuk	42.2	45	6	7.0	2.4	-	22.8	-	5.8	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	»	1.8		
Pyrenees (Ben Nevis)	111.0	-	-	8.2	3.8	-	47.2	14.4	3.2	5.2	-	1.6	9.4	1.4	-	-	-	2.2	0.8	0.2	4.0	4.8	1.2	0.2	-	0.2	-	0.2	-	2.4	0.2	0.2	
Rupanyup (Post Office)	13.0	44	2	3.8	1.4	-	-	-	-	-	-	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-	
Stawell Aerodrome	66.6	57	7	4.6	-	-	31.0	18.2	2.0	2.0	0.2	1.4	6.4	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.2	-	
Lower North (80)																																	
Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Charlton (Donald St)	57.2	43	7	1.6	2.2	-	43.0	3.4	1.8	1.2	-	2.6	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Charlton	64.4	-	-	1.2	2.0	0.2	47.2	5.4	1.0	0.8	-	1.6	0.4	0.2	-	4.0	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	
Echuca Aerodrome	42.0	39	7	0.2	1.8	-	22.8	3.8	0.2	0.2	-	3.0	6.6	0.8	-	2.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	
Kerang	33.4	36	6	0.2	0.2	-	8.2	17.2	2.0	1.2	-	2.6	0.6	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kyabram DPI	48.4	43	6	-	2.2	-	20.6	14.4	0.6	-	-	2.2	5.2	1.2	-	1.2	0.2	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rochester	50.6	41	7	0.6	3.4	-	25.2	9.8	0.4	0.4	-	2.0	6.0	0.4	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	-	0.2	2.0		
St Arnaud (Cooonooer Bridge)	58.4	43	8	-	3.2	47.0	-	6.6	-	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Upper North (81)																																	
Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Avoca (Homebush)	88.6	52	9	3.0	4.0	-	62.4	19.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Avoca	10.8	54	1</																														

Daily and total rainfall for September 2010

Total is the total precipitation for September 2010; 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 September. **Decile** is the decile rank of total precipitation for September 2010 in the climate record of other September 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.

Upper Northeast (83)			Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Dinner Plain (Mount Hotham Airport)	77.4	84	3	1.0	5.8	1.6	9.2	46.0	3.2	2.8	-	1.0	1.4	3.6	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	0.4	0.8	-		
Edi Upper	137.8	108	8	0.4	4.6	0.2	47.8	56.4	-	7.0	0.2	0.8	14.4	0.8	0.2	0.8	0.6	0.2	0.6	1.0	0.2	»	»	0.2	-	-	-	0.2	-	0.2	-	»	1.0	-		
Eurobin	106.6	111	5	-	5.2	-	25.0	39.8	8.6	-	-	1.6	18.2	3.8	-	0.6	1.6	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-		
Falls Creek (Rocky Valley)	334.4	276	8	-	26.8	0.4	»	214.8	28.0	9.0	-	1.4	24.2	»	»	»	14.2	-	8.8	1.6	-	-	-	-	-	-	-	-	»	»	»	4.2	0.8	0.2		
Falls Creek	164.4	127	8	-	9.0	0.4	15.0	96.6	15.4	4.6	-	0.2	10.0	5.6	-	0.8	0.6	0.8	3.0	-	-	-	-	-	-	-	-	-	-	-	-	2.0	0.4	-		
Halls (Buckland River at Twelve Mile)	209.8	124	H	0.6	9.6	-	50.0	113.2	9.4	1.6	0.2	0.6	11.6	5.8	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	0.2	-		
Harrietville	191.6	146	8	-	9.2	-	39.4	89.0	17.2	-	-	1.8	15.6	5.4	-	2.2	1.0	4.4	4.0	-	-	-	-	-	-	-	-	-	-	-	-	2.4	-	-		
Lake Buffalo	189.6	118	9	-	4.0	0.4	42.0	116.0	3.2	1.6	-	0.4	8.8	6.8	-	0.4	2.8	-	0.2	0.4	-	-	-	0.2	-	-	-	-	-	-	-	2.2	0.2	-		
Mansfield (Post Office)	86.8	68	8	-	11.8	-	»	»	52.0	1.2	-	0.4	13.4	»	»	1.8	-	-	1.4	1.2	-	-	-	-	-	-	-	-	-	-	-	2.8	0.8	-		
Mount Buller	234.6	151	9	3.2	32.0	-	22.4	90.8	29.8	3.0	-	-	17.6	12.6	0.2	0.8	-	-	6.0	4.4	0.2	-	-	-	-	-	-	-	-	-	-	9.4	2.0	0.2		
Mount Hotham	227.2	135	8	0.2	17.8	1.2	15.8	131.4	19.0	7.6	-	0.2	14.2	7.2	0.2	1.4	0.2	1.4	3.8	1.4	-	-	-	-	-	-	-	-	0.2	-	-	2.8	1.0	0.2		
Ormeo	42.8	-	-	0.2	4.8	1.4	2.2	27.4	0.4	2.4	0.2	2.0	-	0.8	0.2	-	-	0.2	-	-	-	-	-	0.2	-	-	-	-	-	0.2	-	-	-	-		
Tolmie (Mount Tabletop Repeater)	172.0	87	H	2.0	8.0	-	46.0	73.0	9.0	1.0	-	2.0	11.0	5.0	-	2.0	-	-	6.0	3.0	-	-	-	-	-	-	-	-	-	-	-	2.0	2.0	-		
Whitfield (King River at Cheshunt)	195.2	111	H	0.6	5.0	-	61.8	90.6	2.8	0.6	0.2	1.4	24.4	2.0	0.2	1.2	0.2	2.2	0.6	0.8	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-		
Whitlands (Burder's Lane)	270.0	138	10	1.4	7.4	-	73.8	135.2	7.4	2.0	-	1.6	25.8	4.0	-	2.2	-	3.4	-	-	»	3.6	-	-	-	-	0.2	-	-	-	-	1.6	0.4	-		
Woods Point	195.4	156	8	17.6	7.4	-	19.6	92.6	8.2	1.6	-	19.4	6.4	0.2	3.4	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	5.0	2.4			
East Gippsland (84)			Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Bonang	36.2	76	2	1.8	4.6	2.6	1.0	0.4	-	10.0	2.0	1.6	1.2	6.0	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	0.6	3.6	-		
Buchan	21.0	71	1	1.6	0.4	-	2.4	0.2	0.6	4.2	0.6	3.0	1.2	2.2	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-	-	0.6	-	3.4	-		
Bullumwaal	42.6	43	5	0.6	11.2	0.4	-	1.2	6.8	10.6	-	3.8	2.8	0.8	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	2.6	-	1.4	-		
Cabbage Tree Creek	24.8	89	1	1.8	1.4	-	2.2	-	1.0	-	-	2.8	-	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	-	-	2.2	-		
Cann River	27.0	85	L	2.0	1.2	1.6	1.2	-	0.6	5.6	-	1.6	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	4.4	-		
Club Terrace	21.4	90	L	2.0	1.6	-	1.0	-	1.0	2.6	1.6	1.6	4.0	-	-	-	-	1.0	-	-	-	-	-	-	-	0.4	-	-	-	-	0.6	-	4.0	-		
Combiobar AWS	26.0	68	1	0.8	5.4	2.6	0.2	-	-	2.2	2.0	-	0.4	3.4	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	1.6	0.4	1.6	3.4	-		
Combiobar	23.8	-	-	-	3.8	0.8	-	-	3.8	-	-	3.2	-	1.4	3.6	-	-	1.8	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	1.0	3.6	-	
Dellicknora (Tellicura)	31.2	57	2	1.4	6.0	1.0	1.0	-	-	10.6	-	»	6.0	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ensay	29.4	58	2	-	11.4	-	-	-	1.2	3.0	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	1.6	-		
Gabo Island Lighthouse	21.6	73	1	1.2	0.6	-	0.2	1.4	-	3.0	-	0.2	0.6	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-	1.4	2.6	-		
Gelantipy	37.6	57	3	0.4	10.8	1.4	-	4.4	0.4	9.2	0.6	2.4	-	3.4	-	-	1.8	-	-	-	-	-	-	-	0.2	-	-	-	-	-	0.2	1.4	1.0	-		
Genoa (Fools Haven)	24.4	79	1	2.0	1.0	0.2	0.6	-	0.8	2.0	-	0.4	9.0	-	-	0.2	-	-	0.4	-	-	-	-	-	-	-	0.2	-	-	-	0.6	0.4	0.2	6.4	-	
Lakes Entrance (Eastern Beach Road)	33.0	-	-	2.4	6.0	-	2.8	-	3.0	5.0	-	0.4	2.0	1.8	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-	4.0	-		
Mallacoota	24.0	82	1	1.2	1.0	-	-	-	-	2.8	0.4	-	0.4	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	5.0	3.8	-		
Mount Nowa Nowa	35.8	57	2	2.2	7.8	0.2	0.4	-	2.0	7.4	-	2.8	1.2	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	-	1.4	1.2	-		
Orbost (Comparison)	37.2	71	2	2.0	3.8	0.4	1.2	0.2	0.2	10.0	-	0.2	2.4	5.4	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	0.6	6.4	-	
Orbost	33.2	56	4	1.6	3.4	0.4	0.8	-	-	9.2	-	0.2	2.0	4.6	-	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	0.2	0.4	0.2	6.2	-
Point Hicks (Lighthouse)	40.7	76	2	0.4	1.0	0.2	3.8	1.0	-	7.4	-	-	1.4	4.2	-	-	-	-	-	0.5	-	-	-	-	-	-	0.4	-	-	-	0.6	-	-	9.2	10.6	-
Tubbut	16.8	54	1	-	7.0	2.2	-	-	-	5.0	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	
Weeragaa (Cann River (East Branch) at Ch	22.0	42	3	-	3.0	3.0	-	-	1.0	2.0	2.0	-	1.0	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	4.0	-	
Wonnagatta River @ Waterford	39.0	43	5	-	18.6	0.2	0.8	11.2	0.6	1.2	0.2	0.2	1.6	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	1.0	-		
West Gippsland (85)			Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Bairnsdale Airport	25.6	54	2	1.4	7.4	-	0.2	0.2	5.4	0.2	-	0.8	3.2	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-	1.6	-		
Boolarra South	101.4	-	-	7.0	4.4	»	5.2	17.2	10.8	2.0	-	0.4	3.4	3.4	-	1.0	-	-	-	5.0	5.6	1.8	7.6	4.6	2.8	0.8	1.2	-	-	-	-	7.0	8.2	2.0	-	
Drouin Bowling Club	93.6	101	5	7.0	10.0	-	1.2	25.8	10.2	2.6	-	6.2	2.8	-	-	-	-	-	-	1.0	7.0	-	4.4	2.6	1.6	-	-	0.2	0.2	-	-	5.0	4.4	1.4	-	
East Sale Airport	17.6	52	1	0.8	2.2	-	1.8	0.4	0.4	0.2	0.2	2.4	1.6	2.6	-	-	-	-	0.4	1.8	-	-	-	-	-	-	-	-	-	-	0.6	-	2.2	-		
Erica (Parkers Corner)	84.6	113	2	1.6	7.0	-	-	13.2	12.2	2.6	-	2.6	2.8	6.4	-	»	»	1.0	-	3.4	7.4	-	2.0	0.8	-	0.2	-	-	-	-	-	10.0	5.8	5.6	-	
Foster Hoddle	105.6	100	6	6.4	5.8	-	5.4	11.0	6.8	3.0	-	»	5.6	-	»	»	5.0	-	-	»	10.4	5.8	7.4	»	»	»	»	6.8	-	-	-	»	»	26.2	-	
Glencairn (Barkly River (Glenview))	76.2	-	-	4.6	5.2	1.0	»	36.0	3.4	0.8	-	1.4	10.4	3.6	-	2.2	0.8	-	0.4	1.6	-	-	-	-	-	-	-	-	-	-	4.0	0.4	0.4	-		
Glenmaggie Weir	6.8	51	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	»	0.6	-	0.2	-	-	»	»	-	1.8	0.2	1.0	
Jindivick	-	-	-	1.4	-	-	1.4	22.4	7.4	3.4	-	-	7.4	6.0	-	1.6	0.6	-	1.0	5.0	-	3.2	1.6	1.0	0.2	-	-	-	-	-	-	15.2	8.4	3.6	-	
Labertouche	76.8	93	4	4.4	8.0	-	1.8	17.6	5.0	4.8	-	4.8	1.8	-	-	-	-	-	6.4	-																

Daily and total rainfall for September 2010

Total is the total precipitation for September 2010; 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 September. **Decile** is the decile rank of total precipitation for September 2010 in the climate record of other September 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.

West Coast (90)	Total	Avg	Decile	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Aireys Inlet	60.4	60	5	4.0	5.4	·	28.0	3.8	2.2	6.6	0.2	·	4.2	0.4	·	0.4	·	·	0.2	·	·	·	1.2	·	·	·	·	·	·	·	1.0	2.8	·	
Apollo Bay	113.6	109	7	12.5	4.4	0.4	9.0	15.0	3.8	5.5	0.5	0.5	11.4	1.6	0.2	3.4	·	1.2	5.8	1.6	1.6	3.4	1.8	1.0	0.6	0.6	0.4	·	·	2.6	11.6	11.4	1.8	
Benwerrin	90.8	94	3	10.2	6.0	·	22.0	16.8	3.8	3.6	0.8	0.6	8.8	1.6	·	1.8	·	1.6	6.6	3.4	0.4	0.4	0.6	0.2	0.6	0.4	0.6	·	·	·	·	·	·	
Birregurra (Post Office)	72.2	71	6	4.4	1.0	·	·	»	33.0	5.0	·	·	8.4	»	»	3.6	·	·	2.4	1.4	»	»	1.8	·	1.0	·	·	»	»	1.6	3.4	4.6	0.6	
Boonah	75.4	79	4	8.4	6.0	0.2	24.2	2.4	1.4	1.8	0.2	0.4	9.8	1.2	·	2.8	0.2	0.4	4.8	2.0	0.2	1.4	0.4	0.4	0.2	·	0.6	·	0.2	0.2	2.0	3.4	0.2	
Camperdown	91.6	·	·	10.4	·	·	·	»	36.5	4.2	·	·	8.5	·	·	3.0	3.0	·	3.0	2.0	·	·	»	5.8	·	·	·	0.8	»	»	5.0	4.0	5.4	·
Cape Nelson Lighthouse	75.0	78	6	11.2	1.4	0.2	17.4	7.0	5.4	0.6	·	4.6	6.6	1.4	·	5.0	0.2	0.6	1.0	·	0.8	0.8	1.4	0.4	0.4	0.4	·	·	0.4	1.0	2.6	1.4	2.8	
Cape Otway Lighthouse	78.6	90	4	19.0	2.8	0.6	5.6	3.6	6.6	3.4	0.2	·	15.8	1.4	·	2.0	·	1.8	0.8	0.4	1.4	1.2	1.2	1.2	0.6	0.2	0.4	·	·	0.6	4.6	1.4	1.8	
Caramut	64.0	66	6	8.2	·	·	8.4	·	18.6	3.8	·	·	1.4	5.2	·	1.2	·	·	2.0	0.8	0.4	2.6	2.8	1.6	0.2	0.4	·	·	1.0	1.0	2.0	2.4	·	
Casterton Showgrounds	77.6	74	6	12.4	3.2	0.4	20.0	12.0	1.4	1.2	·	0.6	6.8	0.8	·	0.4	·	0.4	2.6	1.6	0.2	1.6	1.6	1.4	·	·	·	·	0.8	3.6	2.2	1.4	1.0	
Casterton	65.6	·	·	12.0	2.4	·	16.0	13.4	0.2	1.2	·	0.4	4.2	0.2	·	0.2	·	0.4	1.4	0.2	·	2.2	1.2	1.0	·	0.4	·	·	0.4	4.0	2.0	1.8	0.4	
Cobden (Post Office)	101.0	88	7	12.4	1.8	»	»	»	35.4	6.6	0.2	»	12.6	»	»	5.8	»	2.0	3.8	1.2	»	»	5.6	1.6	0.2	0.6	»	»	»	1.6	5.6	3.4	0.6	
Colac (Mount Gellibrand)	58.2	51	7	7.6	1.2	·	18.2	4.8	2.8	4.0	0.2	0.2	6.6	0.6	·	0.6	·	·	1.6	1.0	0.2	0.6	0.6	0.4	·	·	·	·	3.2	·	1.2	2.2	0.4	
Coleraine Hospital	76.7	68	7	»	17.6	2.6	»	»	30.4	6.4	·	0.2	5.3	»	»	2.0	0.4	0.2	1.4	0.6	·	·	2.8	1.0	·	·	·	»	»	0.2	4.2	1.2	0.2	
Forrest State Forest	106.8	110	5	9.2	2.0	0.4	»	»	41.2	5.6	·	0.8	13.6	»	»	3.6	·	1.8	8.0	»	»	»	8.2	·	0.8	0.6	0.8	·	·	·	8.4	·	1.8	
Haines Junction (Mount Sabine)	103.6	117	4	16.6	4.0	·	·	·	·	0.2	1.2	22.0	3.4	1.0	2.4	·	2.2	6.2	4.2	1.4	5.6	4.8	1.2	1.0	1.8	1.4	0.2	·	1.8	11.4	9.6	·		
Hamilton Airport	59.6	70	5	8.4	2.6	·	15.2	9.6	2.0	2.0	·	0.6	3.2	0.4	·	0.4	·	0.2	1.6	1.8	0.4	1.0	0.8	0.8	·	0.2	·	·	1.2	1.8	1.4	3.6	0.4	
Hawkesdale (Post Office)	101.2	74	9	11.8	4.4	·	17.0	»	22.8	3.4	·	·	13.0	·	»	2.0	0.2	·	1.8	0.8	0.8	»	8.2	2.0	0.8	·	1.4	»	»	2.8	3.4	4.2	0.4	
Koroit	·	·	·	31.6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	
Lorne (Mount Cowley)	140.0	125	6	11.8	3.0	1.0	26.6	30.0	3.4	5.8	0.6	0.4	14.0	3.0	0.4	1.6	·	2.8	6.4	4.0	0.8	1.6	1.0	0.4	0.8	0.6	0.8	·	0.8	0.8	11.0	6.2	0.4	
Merino	105.6	80	9	16.2	4.2	·	29.0	23.6	4.8	2.4	·	2.0	6.2	0.8	·	1.6	·	·	2.2	·	·	2.2	1.2	1.0	·	·	·	·	1.2	3.2	2.0	1.8	·	
Mortlake Racecourse	65.6	58	7	6.8	1.8	·	11.4	10.2	5.8	10.8	·	0.2	5.0	0.2	·	0.2	·	·	2.6	0.8	0.6	1.2	1.8	0.2	0.6	·	·	0.2	0.4	1.2	1.8	1.8	·	
Nelson	74.6	75	6	14.0	1.0	0.4	12.2	16.6	1.0	2.4	0.2	2.4	·	0.4	·	2.2	·	1.4	2.6	»	1.2	3.8	»	4.0	0.8	1.6	·	·	»	4.2	2.2	·	·	
Penshurst (Post Office)	67.2	76	5	12.8	1.4	0.4	13.4	8.8	·	2.6	·	1.0	6.0	0.6	1.0	1.0	·	·	1.6	·	0.6	2.8	»	3.6	0.6	0.4	·	·	1.6	3.4	2.4	1.2	·	
Port Fairy AWS	87.4	71	8	13.4	2.6	·	20.4	3.6	7.0	2.6	·	0.4	11.6	0.6	·	3.8	0.2	1.4	1.6	·	0.2	0.8	0.4	0.4	·	0.2	0.4	·	·	2.4	10.0	2.4	1.0	
Portland (Cashmore Airport)	116.8	88	8	20.2	4.0	·	17.4	10.0	14.2	10.2	0.2	3.4	7.0	0.2	0.4	5.6	0.2	1.2	1.0	·	0.6	3.0	2.0	1.2	0.8	1.2	·	0.2	0.2	6.2	3.8	1.6	0.8	
Terang	71.8	81	5	10.0	·	·	14.4	15.0	8.4	7.6	·	·	10.4	·	·	3.0	·	·	3.0	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Warrnambool Airport NDB	109.2	73	9	13.6	6.2	·	15.2	5.8	13.2	12.6	0.2	1.2	15.8	·	·	2.4	0.2	0.2	4.2	1.2	1.2	2.0	2.2	2.0	·	0.6	·	·	·	1.6	5.0	2.2	0.4	
Warrnambool Golf Club	4.6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	4.6	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	
Weepproinah	211.4	200	6	26.6	3.8	1.2	»	46.4	8.6	4.6	0.2	1.8	17.6	7.0	0.6	3.2	·	6.4	8.8	7.6	4.6	9.6	7.8	4.4	2.4	2.0	2.4	0.4	·	3.4	14.4	12.0	3.6	