

Monthly Weather Review

Queensland

December 2010



Australian Government
Bureau of Meteorology

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

It is intended to provide a concise but informative overview of the temperatures, rainfall and significant weather events in Queensland 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:

By mail

Queensland Climate Services Centre
Bureau of Meteorology
GPO Box 413
Brisbane QLD 4001
AUSTRALIA

By telephone

(07) 3239 8700

By email

climate.qld@bom.gov.au

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 Queensland 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 9 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.

Copyright

© Commonwealth of Australia 2011

This work is copyright. You may download, display, print and reproduce this material in unaltered form only (retaining this notice) for your personal, non-commercial use or use within your organisation. Apart from any use as permitted under the Copyright Act 1968, all other rights are reserved. Requests and inquiries concerning reproduction and rights should be addressed to Commonwealth Copyright Administration, Attorney General's Department, Robert Garran Offices, National Circuit, Barton ACT 2600 or posted at <http://www.ag.gov.au/cca>.

Product code IDCKGC24R1. Prepared on 21 January 2011. ISSN 1836-3075

Cover photograph

Thunderstorm anvil with mammatus at Burleigh Heads.

Photograph by Tony Auden, October 2007. 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

- The wettest December on record
- One of the most significant floods in Queensland's history
- Record flooding across southern and central catchments
- Queensland's first cyclone of the season, Tasha, crossed the coast south of Cairns on Christmas morning
- Severe thunderstorms with large hail in the southeast
- There were 82 high daily rainfall and 321 high total monthly rainfall records
- There were 16 low daily and low mean maximum temperature records
- There were 6 high daily and mean minimum temperature records

Queensland experienced yet another month of widespread rainfall under the influence of a strong La Niña, following the wettest spring on record. Flooding continued across many southern and central Queensland river systems. Many significant weather systems affected the state, bringing torrential rainfall at times, and severe thunderstorms battered the southeast coast between the 15th and 18th. A weak category one tropical cyclone, Tasha, crossed the coast south of Cairns early on Christmas morning and continuing active monsoonal activity led to a wet Christmas period that culminated in some of the most widespread and significant flooding in Queensland's history.

Extremes in December 2010

Hottest day

(Highest daily maximum temperature)

43.2 °C at Birdsville Airport on the 15th

Warmest days on average

(Highest mean daily maximum temperature)

37.8 °C at Urandangi

Coollest days on average

(Lowest mean daily maximum temperature)

22.6 °C at Applethorpe

Coldest day

(Lowest daily maximum temperature)

16.5 °C at Applethorpe on the 19th

Coldest night

(Lowest daily minimum temperature)

3.7 °C at Applethorpe on the 21st

Coollest nights on average

(Lowest mean daily minimum temperature)

14.4 °C at Applethorpe

Warmest nights on average

(Highest mean daily minimum temperature)

26.5 °C at Willis Island

Warmest night

(Highest daily minimum temperature)

29.4 °C at Birdsville Airport on the 31st
29.0 °C at Mornington Island on the 20th

Warmest on average overall

(Highest mean temperature)

30.2 °C at Birdsville Airport
30.0 °C at Century Mine

Coollest on average overall

(Lowest mean temperature)

18.5 °C at Applethorpe

Wettest overall

(Highest total rainfall)

1221.2 mm at Bellenden Ker Top Stn
1200.0 mm at Mount Charlton

Driest overall

(Lowest total rainfall)

2.0 mm at Birdsville Airport

Wettest day

(Highest daily rainfall)

339.0 mm at Happy Valley on the 25th

Highest wind gust

107 km/h at Winton Airport on the 7th

Significant weather

Tropical cyclone Tasha

Queensland's first cyclone of the 2010/11 season, Tasha, formed early on Christmas morning near Agincourt Reef to the east of Cairns and crossed the coast at about 5:30 am south of Cairns between the townships of Gordonvale and Babinda. It was a weak category one system but brought significant rain to a broad area of northern Queensland.

Very extensive flooding

Following very extensive and heavy rainfall periods during the previous few months, river catchments were overwhelmed by further rainfall in December that culminated in some of the most widespread and significant flooding in Queensland's history. Theodore and Condamine were fully evacuated and 22 towns and over 200,000 people were affected. Forty-one local government areas were disaster declared with significant disruption to mining, agricultural and other industries expected to cost many hundreds of millions of dollars.

Special Climate Statement 24 has further details on the widespread flooding across eastern Australia in Dec 2010, and is available on the Bureau's web site at www.bom.gov.au/climate/current/statements.

Abnormally high tides

Some parts of southeast Queensland had tides 20–30 cm above the normal expected tide before Christmas, easing off further north. This extra height pushed the tides above the high water mark on the highest tide of the day. The majority of this anomaly is thought to be related to La Niña when stronger than normal trade winds act to pile up water on the western side of the Pacific. These high tides were not King tides.

Severe wind gusts

The strongest wind gust was at Winton Airport with 107 km/h on the 7th, followed by Double Island Point Lighthouse with 102 km/h on the 16th, Rundle Island with 100 km/h on the 3rd, then Cape Moreton Lighthouse with 100 km/h on the 28th.

Tornadoes

A tornado was reported at Alligator Creek between 10 am and 11 am on the 25th of December. Alligator Creek is located between Mackay and Sarina.

A "mini tornado" was reported from Jimboomba on the 15th of December during thunderstorm activity.

Synoptic summary

At the beginning of December a slow moving high-pressure system over the Tasman Sea extended a ridge along the east Queensland coast, a surface trough lay through the western interior and an upper trough was approaching the state from the west. Moisture laden northeasterly winds extending to the inland trough and an unstable upper atmosphere resulted in showers, thunderstorms and rain areas developed across most of the state. Widespread rain areas with some heavy falls persisted for the next two weeks, as a series of upper troughs moved through the state, enhancing existing flooding or triggering new flooding in many river systems. The development of several near coastal surface troughs also enhanced the rainfall and moderated local winds. Fine conditions returned to western Queensland and gradually spread east as the final upper trough cleared the coast, though shower activity persisted along parts of the east coast and showers and storms over the northern tropics. Two of the heaviest daily falls during this period were at Escott Station in the southern Gulf of Carpentaria where 266 mm was recorded on the 11th from a line of slow moving storms and at Mount Charlton with 228 mm on the 3rd.

On the 15th the upper trough was offshore but upper temperatures remained cool and surface moisture remained high in the east, making conditions unstable. A surface trough entered the far south west and moved slowly east and scattered showers and thunderstorms developed to the east of the trough in the south over the next few days. Severe storms produced large hail, damaging wind and torrential rain in the southeast during the 15th and 18th. During the 17th a surface trough moved east into south-east Queensland. The following day a trough moved north along the southern Queensland coast and, combined with mid-level instability, triggered showers and thunderstorms from north-west Queensland to the southeast.

During this time most of northern Australia, including all of Queensland, was covered by cloud that developed near a deep low off the Western Australian coast and in a developing monsoon flow across northern Australia and was further developed and advected east by mid and upper-level troughs. Thundery rain developed across southern and central interior districts and the south-east with moderate to heavy falls and showers and thunderstorms continued in the tropical north.

During the 20th upper trough activity was weakening and the surface trough pushed northward followed by a much cooler, drier airmass, resulting in clear skies spreading across southern Queensland and the heavy rain contracting to the north of the state.

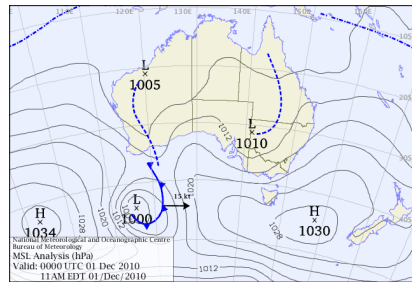
Following the extended period of wet weather over the previous weeks the following flood warnings were current for the 20th: Barcoo, Bulloo, Don,

Condamine, Balonne, Moonie, Paroo, Warrego, the Fitzroy River basin, Brisbane River above Wivenhoe Dam, the Burnett Catchment, Mary River and Cooper Creek, Laidley and Warril Creeks and the Bremer River.

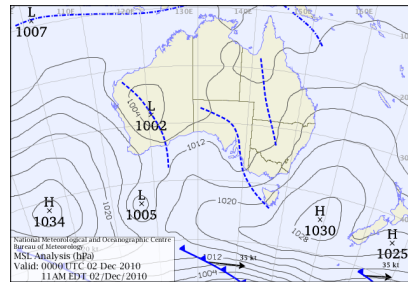
A low pressure system deepened in the Coral Sea and formed into tropical cyclone Tasha early on Christmas morning and crossed the coast about 5:30 am south of Cairns between the townships of Gordonvale and Babinda. It was a weak category one system but brought significant rain to a broad area of northern Queensland. The active monsoonal conditions continued and further widespread and heavy rainfall affected northern, central and eastern Queensland during the Christmas period, leading to one of the most significant flooding events in Queensland's history. Theodore and Condamine were fully evacuated and 22 towns and over 200,000 people were affected. Forty-one local government areas were disaster declared with significant disruption to mining, agricultural and other industries expected to cost many hundreds of millions of dollars.

Daily mean sea level pressure analyses

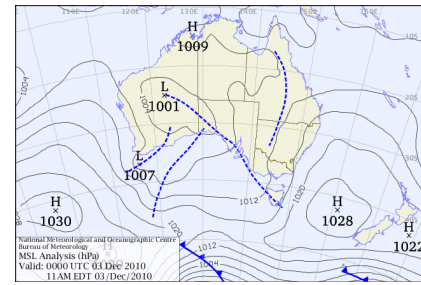
1 December 2010



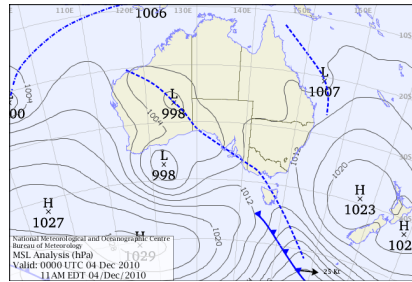
2 December 2010



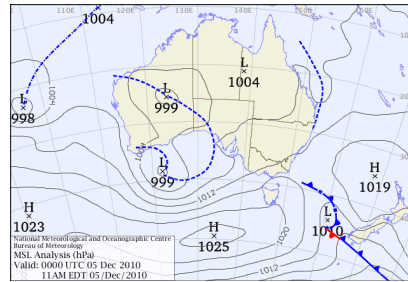
3 December 2010



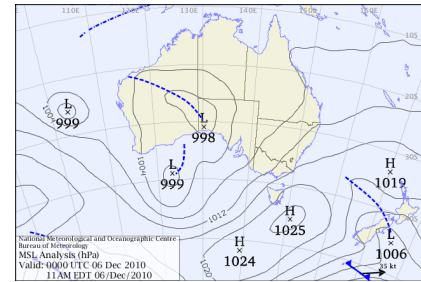
4 December 2010



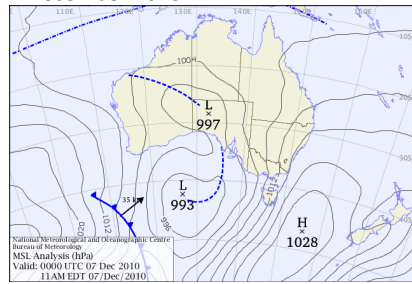
5 December 2010



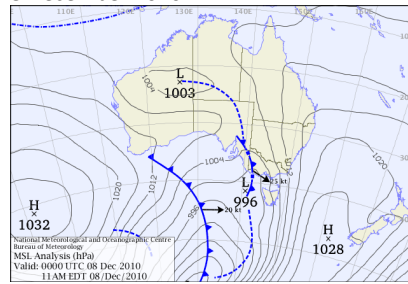
6 December 2010



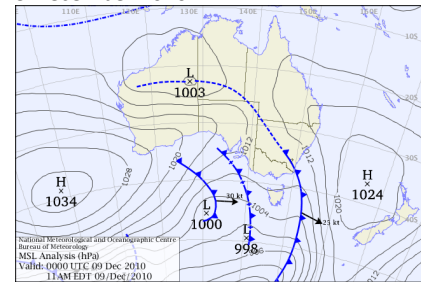
7 December 2010



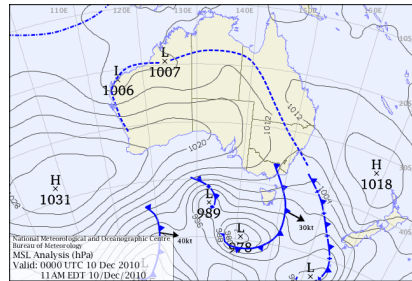
8 December 2010



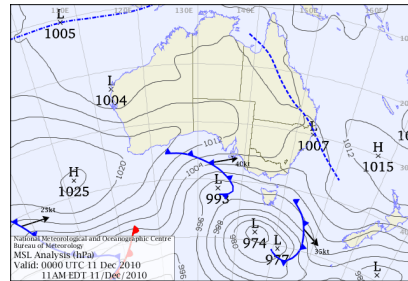
9 December 2010



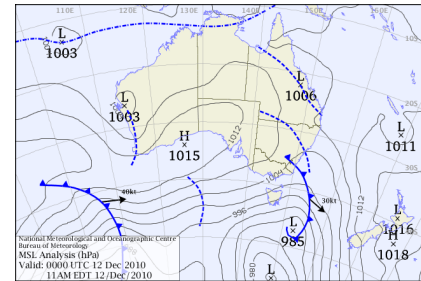
10 December 2010



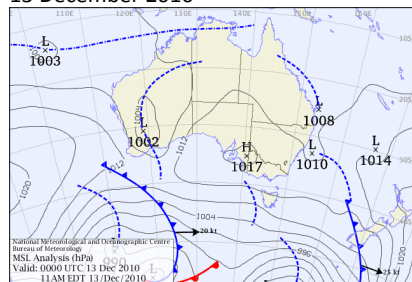
11 December 2010



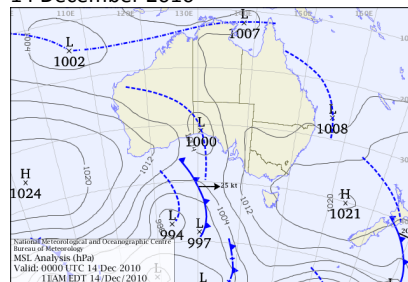
12 December 2010



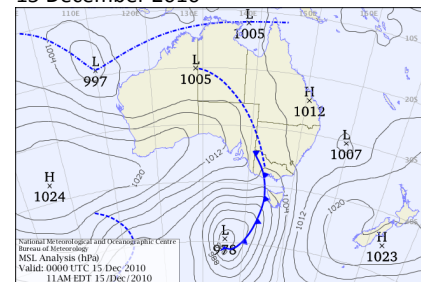
13 December 2010



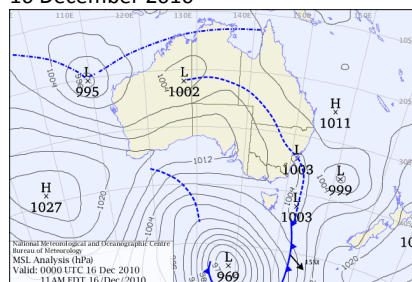
14 December 2010



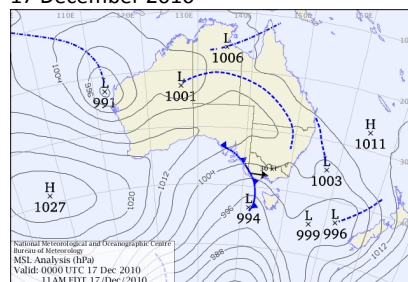
15 December 2010



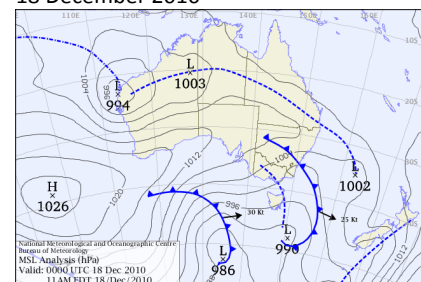
16 December 2010



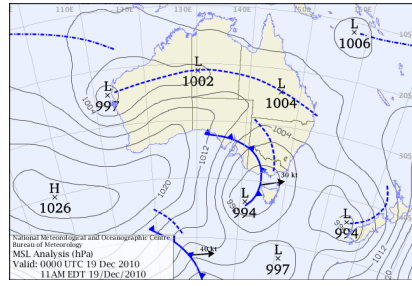
17 December 2010



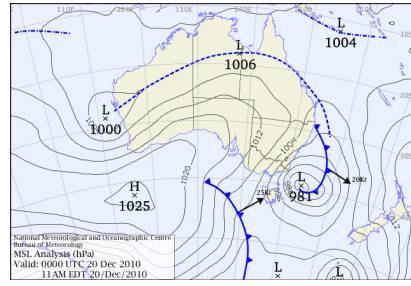
18 December 2010



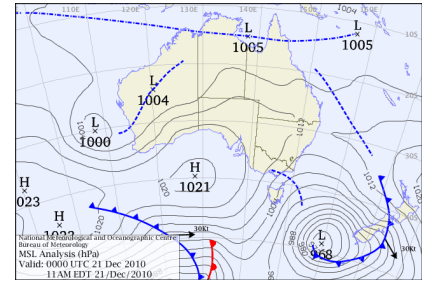
19 December 2010



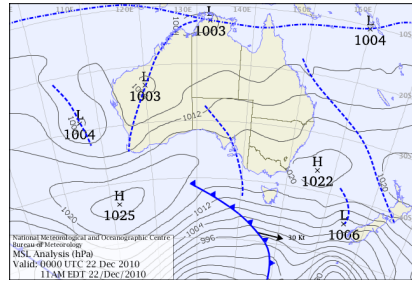
20 December 2010



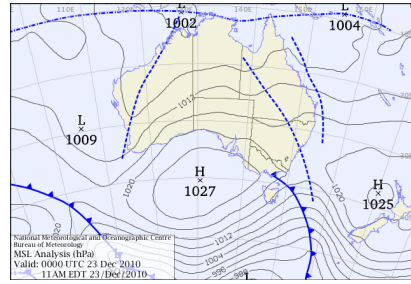
21 December 2010



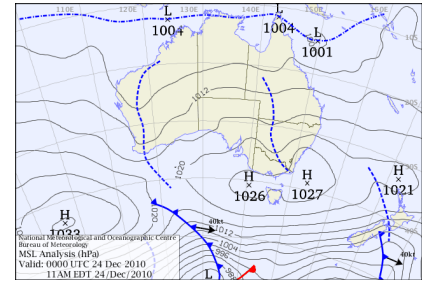
22 December 2010



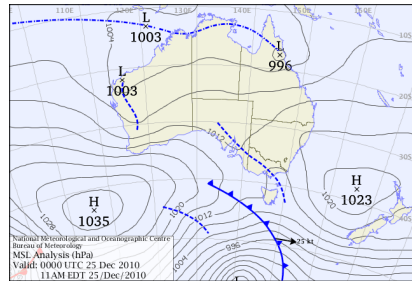
23 December 2010



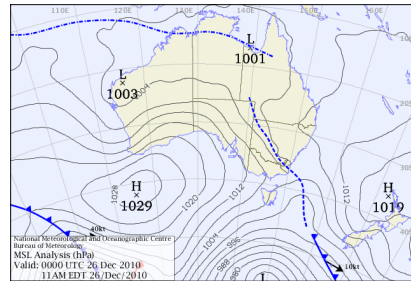
24 December 2010



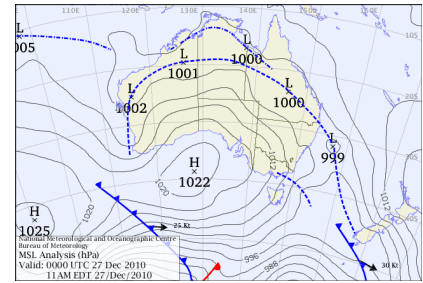
25 December 2010



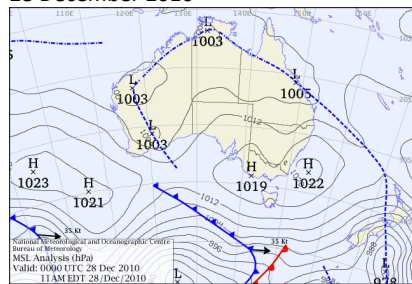
26 December 2010



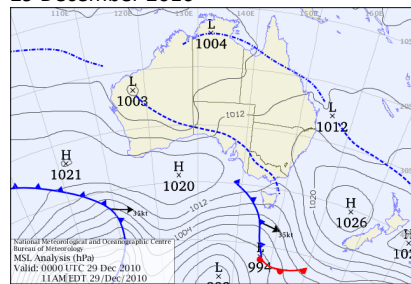
27 December 2010



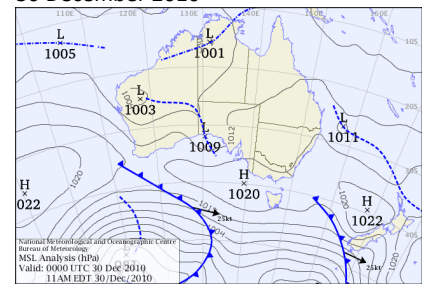
28 December 2010



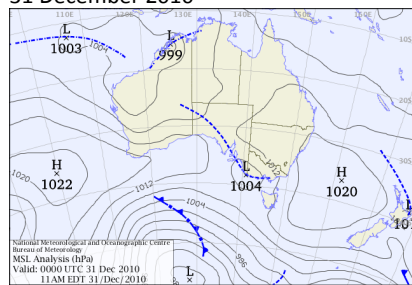
29 December 2010



30 December 2010



31 December 2010



Temperatures

The mean temperature for Queensland in December 2010 was 27.29°C, which is 1.21°C below the 1961–90 long-term average and the lowest since 2000.

The warmest on average was Birdsville Airport with 30.2°C, followed by Century Mine with 30.0°C, followed by Camooweal Township and Cloncurry Airport with 29.6°C.

The coolest on average was Applethorpe with 18.5°C, followed by Stanthorpe Leslie Parade with 19.2°C and Toowoomba Airport with 20.0°C.

New temperature records

Record lowest December daily maximum temperature

| | New record | Old record | Years of record |
|-------------------|------------------|--------------------------|-----------------|
| Surat | 19.9 on the 19th | 20.0 on the 27th in 1999 | 45 |
| Texas Post Office | 20.5 on the 19th | 20.6 on the 27th in 1999 | 41 |

Record lowest December mean maximum temperature

| | New record | Old record | Years of record |
|--------------------------|------------|--------------|-----------------|
| Tambo Post Office | 30.8 | 30.9 in 1960 | 79 |
| St Lawrence Post Office | 29.6 = | 29.6 in 1965 | 71 |
| Amberley AMO | 27.8 | 27.9 in 1942 | 70 |
| Charleville Aero | 31.1 = | 31.1 in 1999 | 69 |
| Stanthorpe Leslie Parade | 23.3 | 24.0 in 1962 | 68 |
| Surat | 29.2 | 29.3 in 1942 | 63 |
| Springsure Comet St | 29.4 | 30.1 in 1942 | 60 |
| Taroom Post Office | 29.6 | 30.0 in 1983 | 59 |
| Injune Post Office | 28.7 | 29.9 in 1999 | 44 |
| Applethorpe | 22.6 = | 22.6 in 1983 | 42 |
| Texas Post Office | 28.6 | 29.6 in 1999 | 41 |
| Baralaba Post Office | 31.1 | 32.0 in 2000 | 38 |
| Oakey Aero | 26.4 | 27.1 in 1999 | 38 |
| Monto Township | 28.6 | 29.9 in 1962 | 36 |

Lowest December mean maximum temperature for at least 20 years

| | Observed this month | Most recent lower | Years since lower |
|---------------------------------|---------------------|-------------------|-------------------|
| Clermont Sirius St | 30.5 | 29.6 in 1916 | 89 |
| University of Queensland Gatton | 27.8 | 27.3 in 1927 | 72 |
| Mitchell Post Office | 29.7 | 28.8 in 1942 | 57 |
| Rockhampton Aero | 29.9 | 29.2 in 1965 | 45 |
| Lady Elliot Island | 27.7 = | 27.7 in 1968 | 42 |

Record lowest December daily minimum temperature

| | New record | Old record | Years of record |
|-------------|-----------------|------------------------|-----------------|
| Applethorpe | 3.7 on the 21st | 4.0 on the 5th in 1984 | 42 |

Record highest December daily minimum temperature

| | New record | Old record | Years of record |
|-------------|------------------|--------------------------|-----------------|
| Mackay Aero | 27.0 on the 19th | 26.9 on the 10th in 2001 | 25 |

Record highest December mean minimum temperature

| | New record | Old record | Years of record |
|---------------------------|------------|--------------|-----------------|
| Innisfail | 24.2 = | 24.2 in 2008 | 102 |
| South Johnstone Exp Stn | 23.7 | 23.5 in 2008 | 55 |
| Walkamin Research Station | 21.0 = | 21.0 in 2003 | 42 |
| Mackay Aero | 23.4 | 23.0 in 2001 | 25 |
| Proserpine Airport | 23.1 | 23.0 in 1988 | 22 |

Highest December mean minimum temperature for at least 20 years

| | Observed this month | Most recent higher | Years since higher |
|----------|---------------------|--------------------|--------------------|
| Musgrave | 23.9 | 24.2 in 1910 | 37 |

Record lowest December mean temperature

| | New record | Old record | Years of record |
|---------------------|------------|--------------|-----------------|
| Springsure Comet St | 24.7 | 24.9 in 1942 | 60 |

Lowest December mean temperature for at least 20 years

| | Observed this month | Most recent lower | Years since lower |
|-------------|---------------------|-------------------|-------------------|
| Palmerville | 28.2 | 28.1 in 1983 | 23 |

Maximum temperatures

The mean maximum temperature for Queensland in December 2010 was 32.72 °C, which is 2.41 °C below the long-term 1961–90 average, the 4th lowest in the area averaged dataset beginning in 1950 and the lowest since 2000.

The widespread and frequent rain bearing weather systems kept daily maximum temperatures well below average on many days in December. The mean maximum temperature was within a degree of average over much of the northeast tropics and the coastal fringe between Agnes Waters and the northern Sunshine Coast. For the remainder, mean maximum temperatures were well below average, especially through the central and southern interior with a large part more than 4 °C cooler than average. The December maximum temperature decile map depicts lowest on record areas in the Central Highlands and southeast interior districts. This anomaly pattern is similar for the three-month period October to December 2010 and was a welcome relief from the normally hot periods experienced at that time of year.

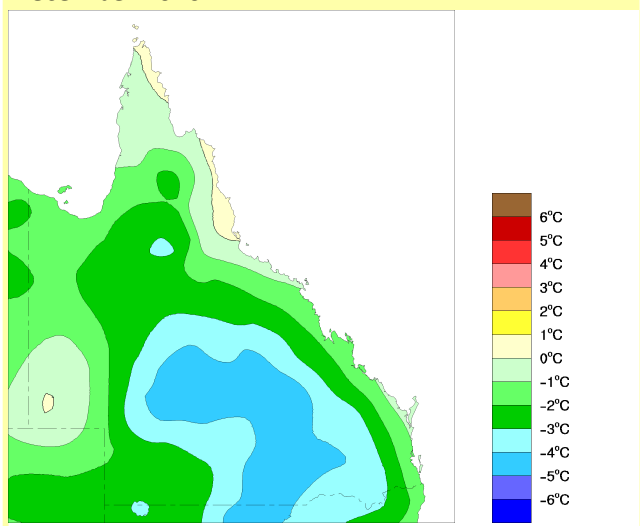
The hottest day was at Birdsville Airport with 43.2 °C on the 15th, followed by Julia Creek Airport with 42.7 °C on the 5th and Birdsville Airport with 42.6 °C on the 7th.

The warmest days on average were at Urandangi with 37.7 °C, followed by Bedourie Police Station with 37.6 °C and Birdsville Airport with 37.5 °C.

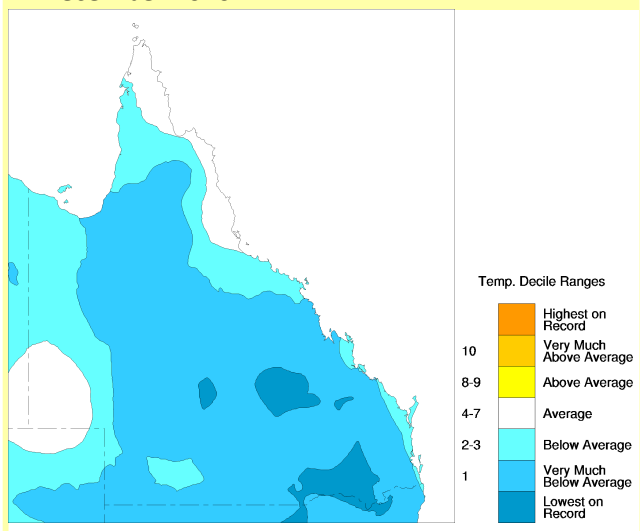
The three coolest days were at Applethorpe with 16.5 °C on the 19th, followed by 17.5 °C on the 3rd and 17.8 °C on the 4th.

The coolest days on average were at Applethorpe with 22.6 °C, followed by Stanthorpe Leslie Parade with 23.3 °C and Toowoomba Airport with 23.6 °C.

Anomalies of mean daily maximum temperature in December 2010



Decile rank of mean daily maximum temperature in December 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

The mean minimum temperature for Queensland in December 2010 was 21.85 °C, which is 0.01 °C below the long-term 1961–90 average, the first below it since 2000.

The monthly mean minimum temperatures ranged from 24 to 27 °C along the northern coastline to less than 18 °C over the Darling Downs. Minimum temperatures were 1 to 2 °C higher than normal in the tropics between Cairns and Mackay and parts of the south-east and more than 1 °C lower than normal across south-west Queensland.

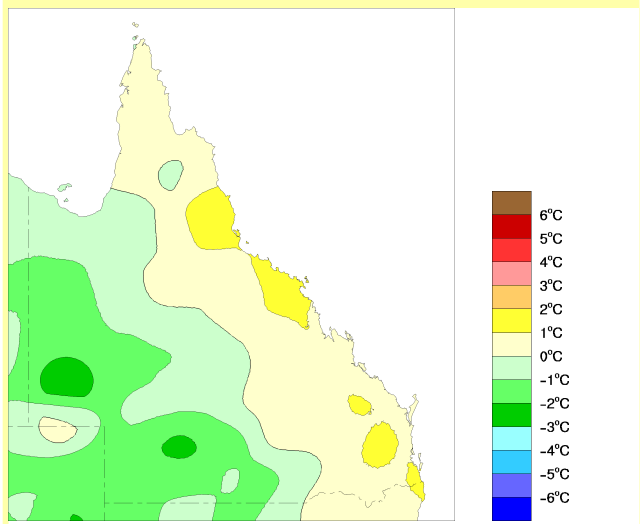
The coldest night was on the 21st, with 3.7 °C at Applethorpe, followed by 4.5 °C at Stanthorpe Leslie Parade, followed by 6.5 °C at Warwick.

The coolest nights on average were at Applethorpe with 14.4 °C, followed by Stanthorpe Leslie Parade with 15.1 °C and Toowoomba Airport with 16.5 °C.

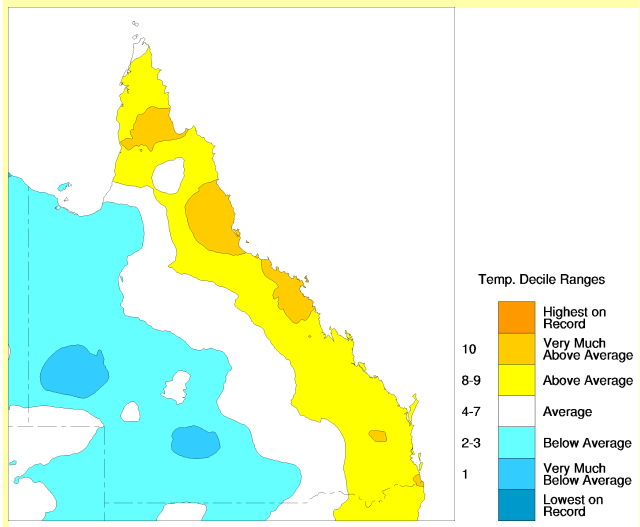
The warmest nights on average were at Coconut Island with 26.1 °C, followed by Low Isles Lighthouse and Sweers Island with 25.5 °C, followed by Mornington Island with 25.3 °C.

The warmest night was at Birdsville Airport with 29.4 °C on the 31st, followed by Mornington Island with 29.0 °C on the 20th and Cloncurry Airport with 28.9 °C on the 6th.

Anomalies of mean daily minimum temperature in December 2010



Decile rank of mean daily minimum temperature in December 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

Area averaged across the state, this month's rainfall of 209.45 mm was the highest on record based on the dataset beginning in 1900 and more than double the long term 1961 to 1990 baseline mean of 82.48 mm. The previous highest December record was 200.1 mm in 1975. Average or greater rainfall was recorded throughout the state, with all eastern and central districts receiving very much above average rainfall and large areas receiving their highest rainfall on record. The continuing rainfall and further heavy falls after the wettest spring on record culminated in one of the biggest flood events to affect the state during the Christmas period. For many towns this would have been one of the biggest weather events in living memory.

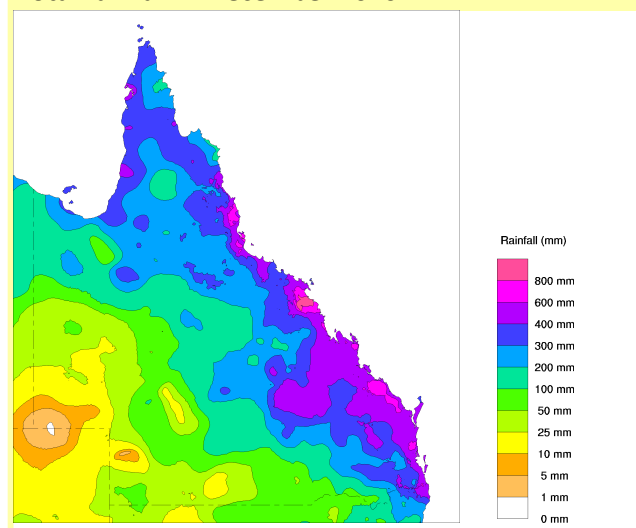
Rainfall anomalies of 200 mm or greater covered most of the Central Coast and Highlands, Port Curtis and Moreton districts and parts of the southern interior and Carpentaria, with some areas experiencing anomalies of more than 500 mm. Some of these areas had received more than twice their December average rainfall. All of the close to average rainfall was recorded in western and far southern interior areas. The northern wet season which runs from October to April has already seen amongst the highest 10% of rainfall on record over almost all of the state and large areas have already exceeded the highest on record.

The wettest overall for December was Bellenden Ker Top Station with 1221.2 mm, followed by Mount Charlton with 1200 mm and Mt Jukes with 1114 mm.

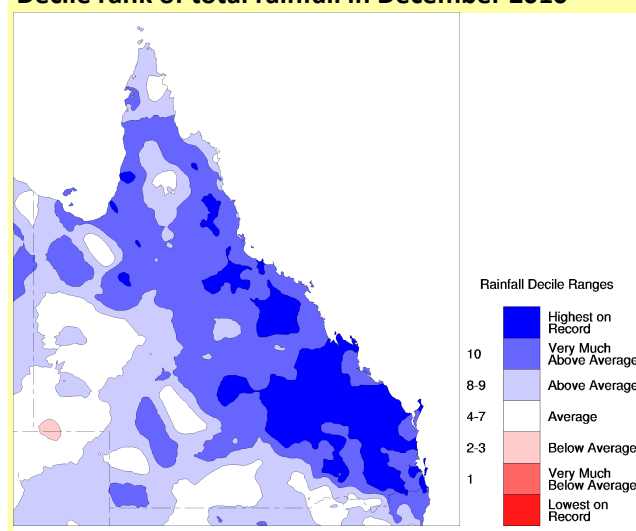
The driest overall was the southwest corner and Birdsville Airport recorded 2.0 mm.

The wettest single day was on the 25th, with Happy Valley recording 339.0 mm, followed by Deeral with 333.0 mm, followed by Babinda Sugar Mill with 325.0 mm.

Total rainfall in December 2010



Decile rank of total rainfall in December 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.

| Record highest December daily rainfall | | | |
|--|-------------------|---------------------------|-----------------|
| | New record | Old record | Years of record |
| Blackall Township | 123.6 on the 8th | 96.4 on the 31st in 2009 | 124 |
| Springsure Comet St | 157.4 on the 3rd | 110.5 on the 22nd in 1956 | 123 |
| Pittsworth | 114.0 on the 28th | 100.1 on the 22nd in 1956 | 122 |
| Comet Post Office | 148.4 on the 3rd | 136.4 on the 30th in 1962 | 115 |
| Millmerran Post Office | 97.0 on the 27th | 94.0 on the 5th in 2003 | 111 |
| Warrinilla | 238.0 on the 27th | 165.4 on the 29th in 1921 | 107 |
| Orion | 153.4 on the 3rd | 139.8 on the 28th in 2008 | 101 |
| Mount Surprise Township | 101.0 on the 3rd | 96.0 on the 8th in 1915 | 100 |
| Malanda Post Office | 160.2 on the 25th | 147.8 on the 7th in 1950 | 95 |
| Arcturus Downs | 157.0 on the 3rd | 134.4 on the 22nd in 1956 | 89 |
| Proa Station | 117.0 on the 10th | 104.0 on the 18th in 1999 | 89 |
| Pleystowe Sugar Mill | 190.0 on the 3rd | 183.4 on the 24th in 1971 | 88 |
| Birricannia | 95.0 on the 27th | 87.9 on the 18th in 1944 | 84 |
| Drillham Post Office | 81.0 on the 27th | 66.5 on the 26th in 1971 | 77 |
| Hannaford Post Office | 102.0 on the 27th | 90.2 on the 12th in 1942 | 72 |
| Lanark | 102.0 on the 23rd | 100.1 on the 15th in 1965 | 71 |
| Rewan Station | 190.6 on the 27th | 144.8 on the 11th in 1917 | 71 |
| Yandaburra | 245.0 on the 27th | 98.0 on the 28th in 2008 | 71 |
| Numinbah State Farm | 152.1 on the 28th | 147.0 on the 13th in 1991 | 70 |
| Meandarra Post Office | 124.0 on the 27th | 68.0 on the 1st in 1987 | 69 |
| Nobby Tooth St | 144.0 on the 26th | 128.3 on the 22nd in 1956 | 69 |
| Condamine | 148.0 on the 27th | 96.6 on the 22nd in 1988 | 68 |
| Upper Forest Springs | 129.6 on the 27th | 103.6 on the 19th in 1975 | 67 |
| Wharton Creek Station | 257.0 on the 27th | 103.1 on the 22nd in 1956 | 64 |
| Biboohra | 87.0 on the 13th | 86.6 on the 29th in 1988 | 62 |
| Blenheim Station | 104.0 on the 23rd | 89.2 on the 21st in 1978 | 61 |
| Newlyn - Cynthia | 90.0 on the 27th | 83.1 on the 15th in 1962 | 61 |
| Spring Creek Station | 210.2 on the 27th | 116.3 on the 22nd in 1956 | 61 |
| Springwood Station | 185.6 on the 27th | 128.0 on the 7th in 1996 | 60 |
| Wyseby | 247.2 on the 27th | 119.6 on the 22nd in 1975 | 59 |
| Birraban | 179.4 on the 27th | 135.6 on the 28th in 2008 | 58 |
| Tecoma | 122.0 on the 28th | 101.6 on the 16th in 1962 | 58 |
| Murrallah | 97.0 on the 27th | 79.5 on the 22nd in 1956 | 57 |
| Carnarvon Station | 273.6 on the 27th | 124.5 on the 28th in 2008 | 56 |
| Innot Hot Springs Township | 113.4 on the 25th | 106.0 on the 22nd in 1998 | 56 |
| Woodleigh | 111.2 on the 25th | 104.1 on the 9th in 1964 | 55 |
| Killara | 109.8 on the 23rd | 99.1 on the 13th in 1965 | 54 |
| Helenvale | 78.6 on the 28th | 75.8 on the 20th in 1982 | 53 |
| Kuyura | 100.4 on the 27th | 83.8 on the 28th in 1971 | 53 |
| Victory Downs | 100.5 on the 28th | 78.7 on the 28th in 1971 | 53 |
| Bairnsdale | 140.0 on the 27th | 132.1 on the 9th in 1965 | 52 |
| Colodan | 89.0 on the 20th | 83.0 on the 12th in 1988 | 52 |
| Glenrive | 87.0 on the 27th | 75.2 on the 15th in 1965 | 52 |
| Palgrove | 64.0 on the 27th | 61.5 on the 9th in 1959 | 52 |
| Redbank | 76.2 on the 14th | 74.4 on the 8th in 1959 | 52 |
| Spring Creek | 140.0 on the 27th | 94.2 on the 9th in 1965 | 52 |
| Rowanlea | 175.6 on the 28th | 148.6 on the 22nd in 1975 | 51 |
| Glenwood | 88.0 on the 23rd | 60.5 on the 21st in 1973 | 50 |
| Talinga | 98.0 on the 29th | 87.6 on the 27th in 1964 | 49 |
| Cania Gorge Park | 160.4 on the 27th | 86.9 on the 9th in 1970 | 48 |
| Mirrabooka | 79.8 on the 27th | 68.0 on the 1st in 1987 | 48 |
| Hillview | 120.0 on the 28th | 119.4 on the 20th in 1973 | 47 |
| Pormpuraaw Township | 140.0 on the 26th | 122.2 on the 11th in 2000 | 47 |
| Mount Kingsley | 173.2 on the 27th | 83.1 on the 26th in 1970 | 46 |
| Urangan Hibiscus St | 137.4 on the 13th | 136.1 on the 21st in 1973 | 42 |
| Hayfield | 124.0 on the 10th | 98.8 on the 19th in 1984 | 41 |
| Mandala | 91.6 on the 27th | 63.0 on the 10th in 2002 | 41 |
| Mount Turner Station | 116.4 on the 28th | 114.0 on the 27th in 1973 | 39 |
| Aviemore | 140.0 on the 3rd | 137.9 on the 21st in 1973 | 38 |
| Cometside | 110.6 on the 27th | 100.1 on the 22nd in 1975 | 38 |
| Deepbank | 68.6 on the 23rd | 68.2 on the 28th in 1974 | 38 |
| Freitag | 122.0 on the 27th | 101.6 on the 7th in 1996 | 38 |

| Record highest December daily rainfall | | | |
|--|--------------------|---------------------------|-----------------|
| | New record | Old record | Years of record |
| Kincora | 65.6 on the 27th | 60.2 on the 28th in 2008 | 38 |
| Mountain View | 134.0 on the 3rd | 122.2 on the 28th in 2008 | 38 |
| Cannon Hill Bowls Club | 81.0 on the 12th | 74.9 on the 22nd in 1973 | 37 |
| Woodgate Store | 162.2 on the 28th | 98.8 on the 21st in 1973 | 37 |
| Dungaden | 138.4 on the 27th | 90.6 on the 30th in 2009 | 35 |
| Builyan Gum Street | 143.4 on the 28th | 127.2 on the 18th in 1988 | 34 |
| Childers South | 139.4 on the 28th | 136.0 on the 18th in 1988 | 32 |
| Greenhaven | 243.4 on the 25th | 151.0 on the 24th in 1999 | 31 |
| Plainby Station | 90.6 on the 11th | 63.0 on the 14th in 1989 | 29 |
| Monogorilby - Home | 68.6 on the 23rd = | 68.6 on the 28th in 1984 | 28 |
| Tantallon | 99.0 on the 19th | 76.0 on the 10th in 2004 | 28 |
| Dooruna Downs | 85.0 on the 12th | 72.0 on the 29th in 2000 | 25 |
| Mackay Aero | 131.8 on the 3rd | 89.7 on the 26th in 1956 | 25 |
| Ripple Downs | 67.0 on the 12th | 52.0 on the 5th in 1992 | 24 |
| Aubigny | 88.4 on the 27th | 86.1 on the 28th in 1971 | 23 |
| Purrawunda | 109.0 on the 27th | 70.0 on the 10th in 2002 | 23 |
| Tamba | 138.0 on the 29th | 72.2 on the 24th in 1995 | 22 |
| Deverton Sawpit Gully Rd | 74.6 on the 27th | 73.2 on the 6th in 2003 | 21 |
| Mt Pleasant Station | 58.0 on the 12th | 53.4 on the 7th in 2006 | 20 |
| Yandaran Monduran Road | 160.0 on the 28th | 95.0 on the 12th in 1991 | 20 |

| Record highest December total rainfall | | | |
|--|------------|---------------|-----------------|
| | New record | Old record | Years of record |
| Springsure Comet St | 521.2 | 316.6 in 1975 | 143 |
| Cape Moreton Lighthouse | 375.8 | 372.5 in 1965 | 142 |
| Camboon Station | 371.5 | 302.4 in 1926 | 138 |
| Condamine Plains | 370.4 | 265.1 in 1965 | 138 |
| Kilkivan Post Office | 384.6 | 325.8 in 1988 | 132 |
| Helidon Post Office | 326.6 | 238.2 in 1897 | 131 |
| Blackall Township | 340.8 | 246.8 in 1965 | 130 |
| Gillespie | 268.6 | 213.1 in 1916 | 130 |
| Nanango Wills St | 365.9 | 333.1 in 1970 | 129 |
| Fairymead Sugar Mill | 519.3 | 482.3 in 1926 | 128 |
| Leyburn Post Office | 300.3 | 279.3 in 1940 | 128 |
| Mitchell Post Office | 319.4 | 253.9 in 1931 | 127 |
| Southport Ridgeway Ave | 576.0 | 439.7 in 1897 | 127 |
| Mt Perry The Pines | 584.8 | 365.4 in 1956 | 125 |
| Nive Downs | 212.9 | 162.6 in 1927 | 125 |
| Jondaryan Post Office | 279.6 | 251.1 in 1942 | 124 |
| Pittsworth | 433.6 | 297.5 in 1965 | 124 |
| Cambooya Post Office | 325.6 | 298.9 in 1895 | 121 |
| Eidsvold Post Office | 374.2 | 309.1 in 1926 | 120 |
| Orion | 380.1 | 350.0 in 1975 | 120 |
| Balfes Creek Post Office | 297.5 | 260.3 in 1906 | 118 |
| Mt Brisbane | 340.8 | 328.7 in 1970 | 118 |
| Nerang Gilston Rd | 509.0 | 392.8 in 1897 | 117 |
| Rosewood Walloon Rd | 353.2 | 352.0 in 1991 | 117 |
| Comet Post Office | 441.6 | 273.5 in 1956 | 116 |
| Cooroy Composite | 559.5 | 521.0 in 1926 | 115 |
| Gin Gin Post Office | 805.1 | 411.0 in 1970 | 115 |
| Arcturus Downs | 460.1 | 368.4 in 1975 | 114 |
| Bauhinia Downs Store | 475.2 | 270.6 in 1988 | 114 |
| Englesberg Village | 369.4 | 348.7 in 1991 | 114 |
| Forest Hill | 296.3 | 279.0 in 1970 | 114 |
| Clifton Post Office | 359.0 | 261.8 in 1928 | 113 |
| Jandowae Post Office | 376.6 | 268.5 in 1921 | 113 |
| Manly Railway Station | 467.0 | 397.1 in 1970 | 113 |
| Mungar Junction | 513.2 | 503.6 in 1956 | 113 |
| Torrens Creek Post Office | 337.1 | 291.4 in 1975 | 113 |
| University of Queensland Gatton | 317.0 | 278.7 in 1942 | 113 |
| Biggenden Post Office | 576.4 | 441.4 in 1942 | 112 |
| Howard Post Office | 631.4 | 543.0 in 1926 | 112 |
| Warrinilla | 555.0 | 391.5 in 1921 | 112 |
| Millmerran Post Office | 325.0 | 264.0 in 1970 | 111 |
| Nambour Bowling Club | 664.8 | 617.9 in 1970 | 111 |
| Westbrook | 366.0 | 277.5 in 1981 | 111 |
| Herberton White St | 446.2 | 416.0 in 1950 | 110 |
| Hillgrove Station | 412.2 | 254.6 in 2000 | 110 |
| Maryvale Station | 370.3 | 290.1 in 1906 | 110 |
| Laura Post Office | 410.4 | 406.6 in 1976 | 109 |
| Kenilworth Township | 547.4 | 481.1 in 1926 | 108 |
| Burnett Heads Niell St | 497.6 | 379.1 in 1926 | 107 |
| Mt Garnet Post Office | 386.0 | 327.0 in 1997 | 106 |
| Eumundi - Crescent Rd | 615.8 | 516.7 in 1926 | 104 |
| Oxenford (Oberon Way) | 545.2 | 493.8 in 1897 | 104 |
| Mundubbera | 428.6 | 321.7 in 1959 | 100 |
| Murgon Post Office | 376.5 | 360.2 in 1947 | 100 |
| Pleystowe Sugar Mill | 940.0 | 939.6 in 1990 | 100 |
| Tarome | 523.4 | 449.9 in 1965 | 100 |
| Waterloo | 763.5 | 473.7 in 1921 | 100 |
| Wondai Post Office | 374.0 | 330.7 in 1921 | 100 |
| Yangan Post Office | 374.4 | 292.0 in 1975 | 99 |
| Mount Joseph | 521.4 | 477.0 in 1926 | 98 |
| Rosevale | 516.6 | 440.9 in 1991 | 97 |
| Homeleigh | 393.0 | 370.9 in 1991 | 95 |
| Malanda Post Office | 704.0 | 641.8 in 1950 | 95 |
| Greenmount Post Office | 368.7 | 291.4 in 1975 | 94 |
| Kurrowah | 413.4 | 361.9 in 1970 | 94 |
| Imbil Post Office | 605.4 | 454.6 in 1926 | 92 |
| Low Holm Station | 349.0 | 250.2 in 1956 | 92 |
| Helenvale | 328.2 | 265.4 in 1975 | 91 |
| Tannymorel | 311.2 | 261.2 in 1965 | 91 |
| Wilson's Peak | 509.0 | 422.7 in 1921 | 91 |
| Fernflat | 289.2 | 269.6 in 1921 | 90 |
| Hattonvale Store | 329.6 | 238.2 in 1942 | 90 |
| Samsonvale | 438.9 | 407.0 in 1970 | 90 |
| Turallin | 333.5 | 333.4 in 1970 | 90 |
| Wooroolin Post Office | 451.2 | 356.4 in 1970 | 90 |
| Eagle Farm Racecourse | 502.5 | 469.0 in 1970 | 88 |
| La Palma | 463.8 | 274.6 in 1942 | 87 |
| Injune Post Office | 349.9 | 280.4 in 1931 | 86 |
| Baralaba Post Office | 457.6 | 353.9 in 1973 | 85 |
| Little Nerang Dam | 607.8 | 579.0 in 1991 | 85 |
| Moogerah Dam | 363.8 | 308.8 in 1921 | 85 |

| Record highest December total rainfall | | | |
|--|------------|---------------|-----------------|
| | New record | Old record | Years of record |
| Moolboolaman | 657.7 | 399.8 in 1921 | 85 |
| Boona-Choppa | 650.0 | 438.7 in 1926 | 83 |
| Maleny Denning Rd | 682.4 | 662.0 in 1988 | 83 |
| Callemondah Station | 559.4 | 485.8 in 1956 | 82 |
| Gregory Springs Station | 353.2 | 315.4 in 2000 | 82 |
| Pechey Forestry | 323.4 | 307.2 in 1942 | 82 |
| Byfield Childs Road | 770.0 | 651.9 in 1962 | 81 |
| Glen Royal | 385.6 | 264.8 in 1965 | 81 |
| Junee Station | 547.4 | 345.6 in 1990 | 81 |
| Wateranga | 579.0 | 426.5 in 1942 | 81 |
| Booroondarra | 390.4 | 277.6 in 1990 | 80 |
| Thangool Airport | 374.4 | 344.4 in 1973 | 80 |
| Malakoff | 465.6 | 260.8 in 1988 | 79 |
| Rosella Plains Station | 373.0 | 331.8 in 1975 | 79 |
| Charnwood | 705.0 | 418.7 in 1956 | 78 |
| Goovigen | 447.2 | 399.7 in 1973 | 78 |
| Lumeah | 307.8 | 268.6 in 1978 | 78 |
| Drillham Post Office | 278.6 | 224.4 in 2005 | 77 |
| Kroombit | 380.0 | 321.1 in 1956 | 77 |
| Hannaford Post Office | 254.5 | 242.6 in 1942 | 76 |
| Koumala Hatfields Road | 653.5 | 646.7 in 1927 | 76 |
| Peakvale Station | 336.2 | 288.5 in 1975 | 76 |
| Traveston | 463.4 | 320.8 in 1988 | 76 |
| Glenmorgan Post Office | 301.7 | 195.6 in 1947 | 75 |
| Euleilah Creek | 638.4 | 369.4 in 1970 | 74 |
| Glenaven | 313.4 | 295.7 in 1943 | 74 |
| Proston Post Office | 399.0 | 282.3 in 1970 | 74 |
| Caldervale Station | 214.8 | 187.7 in 1959 | 73 |
| Riverslea TM | 446.0 | 341.1 in 1956 | 73 |
| Collinsville Post Office | 461.4 | 410.4 in 1956 | 72 |
| Lady Elliot Island | 510.0 | 383.4 in 1962 | 72 |
| Rewan Station | 587.2 | 408.1 in 1921 | 72 |
| Como | 563.4 | 522.3 in 1956 | 71 |
| Nobby Tooth St | 423.9 | 260.9 in 1970 | 71 |
| Yandaburra | 443.0 | 244.4 in 1956 | 71 |
| Lanark | 462.0 | 328.2 in 1947 | 69 |
| Meandarra Post Office | 242.8 | 231.0 in 1971 | 69 |
| Monto Township | 499.2 | 248.5 in 1970 | 69 |
| Mt Alford | 396.3 | 316.5 in 1943 | 69 |
| Strathmuir | 551.0 | 391.6 in 1990 | 69 |
| Camel Creek Station | 324.4 | 289.5 in 1959 | 68 |
| Upper Forest Springs | 422.8 | 278.2 in 1975 | 68 |
| Cargoan Station | 295.0 | 294.8 in 1956 | 67 |
| Palen Creek Correctional | 390.6 | 374.4 in 1959 | 67 |
| Glen Harding | 410.0 | 362.0 in 1997 | 65 |
| Bawnduggie | 413.6 | 294.2 in 1947 | 64 |
| Cania Gorge Park | 531.4 | 283.2 in 1973 | 64 |
| Gonyelinka | 355.0 | 254.2 in 1973 | 64 |
| Miara | 573.0 | 467.0 in 1962 | 64 |
| Tecoma | 503.0 | 261.7 in 1959 | 64 |
| Wharton Creek Station | 452.0 | 307.0 in 1956 | 64 |
| Duckinwillia Creek | 665.0 | 636.2 in 1956 | 63 |
| Tuan Creek Forest Stn | 533.2 | 499.6 in 1956 | 63 |
| Brooweena Lahey St | 637.4 | 318.0 in 1988 | 62 |
| Quendon | 424.0 | 237.5 in 1970 | 62 |
| Abercorn | 483.6 | 281.2 in 1959 | 61 |
| Dunollie | 393.2 | 249.5 in 1955 | 61 |
| Newlyn - Cynthia | 424.8 | 281.6 in 1959 | 61 |
| Spring Creek Station | 586.2 | 286.2 in 1956 | 61 |
| Glenhaven | 411.8 | 256.3 in 1956 | 60 |
| Mt Whitestone | 348.2 | 220.4 in 1991 | 60 |
| Murrallah | 336.2 | 230.2 in 1970 | 59 |
| Springwood Station | 562.6 | 294.1 in 1956 | 59 |
| Tannymorel | 399.0 | 247.5 in 1973 | 59 |
| Wyseby | 603.2 | 339.0 in 1970 | 59 |
| Blenheim Station | 449.0 | 311.3 in 1973 | 58 |
| Cardbeign | 489.6 | 280.5 in 1956 | 58 |
| Carnarvon Station | 535.8 | 238.9 in 1927 | 58 |
| Ellangowan | 300.2 | 263.6 in 1975 | 58 |
| Waverley Downs | 304.4 | 203.4 in 2007 | 58 |
| Birraban | 596.0 | 310.7 in 1956 | 56 |
| Watalgan Winfield Rd | 600.5 | 336.0 in 1973 | 56 |
| Brian Pastures | 485.3 | 256.1 in 1970 | 55 |
| Carinya | 424.7 | 363.9 in 1959 | 55 |
| Elphinstone Pocket No1 | 713.2 | 559.6 in 1975 | 55 |
| Gracedieu | 691.0 | 458.8 in 1970 | 55 |
| Havelock | 322.4 | 214.0 in 2007 | 55 |
| Glenwood | 412.4 | 257.3 in 1956 | 54 |
| Killara | 486.4 | 188.6 in 1970 | 54 |
| Rhonda | 620.4 | 438.8 in 1981 | 54 |
| Wandoan Post Office | 409.0 | 357.8 in 1970 | 54 |

| Record highest December total rainfall | | | |
|--|------------|---------------|-----------------|
| | New record | Old record | Years of record |
| Bancroft | 514.2 | 294.0 in 1984 | 53 |
| Brookstead Post Office | 370.2 | 218.0 in 1980 | 53 |
| Ehlma Park | 270.2 | 261.0 in 1970 | 53 |
| Little Ridge | 360.8 | 255.2 in 1970 | 53 |
| Shelbourne | 371.8 | 344.8 in 1970 | 53 |
| Talgai | 352.2 | 251.7 in 1970 | 53 |
| The Head | 412.0 | 292.8 in 1970 | 53 |
| Victory Downs | 292.0 | 278.8 in 1970 | 53 |
| Bairnsdale | 346.6 | 323.7 in 1965 | 52 |
| Bundaberg Aero | 538.8 | 480.3 in 1962 | 52 |
| Bundaleer | 283.4 | 228.9 in 1970 | 52 |
| Colodan | 493.0 | 266.3 in 1973 | 52 |
| Glenroy | 296.6 | 189.1 in 1970 | 52 |
| Hereward | 269.4 | 258.5 in 1970 | 52 |
| Kuyura | 291.2 | 247.9 in 1970 | 52 |
| Mount Leinster | 290.0 | 227.9 in 1970 | 52 |
| Tosari | 379.0 | 209.8 in 1965 | 52 |
| Elanora Water Treatment Plant | 499.8 | 439.9 in 1940 | 51 |
| Pampas | 318.0 | 256.6 in 1965 | 51 |
| Queen Mary Falls | 409.8 | 357.7 in 1975 | 51 |
| Springside | 442.6 | 292.2 in 1975 | 51 |
| Tingha | 257.2 | 232.2 in 1965 | 51 |
| Goondicum | 450.2 | 233.2 in 1970 | 50 |
| Monduran | 507.6 | 362.9 in 1973 | 50 |
| Navilloween | 290.4 | 279.4 in 1975 | 50 |
| Oonoonba | 445.8 | 427.2 in 1975 | 50 |
| Rowanlea | 709.0 | 385.9 in 1973 | 50 |
| Vincent Vale | 369.0 | 294.9 in 1970 | 50 |
| Wunburra | 613.5 | 602.6 in 1970 | 50 |
| Glenrive | 364.6 | 229.8 in 1995 | 49 |
| Grahamville | 275.8 | 214.7 in 1970 | 49 |
| Kareeya | 551.8 | 542.3 in 1973 | 49 |
| Mirambeena | 324.7 | 255.0 in 1973 | 49 |
| Palgrove | 213.0 | 193.1 in 1959 | 49 |
| Redbank | 361.2 | 207.0 in 1975 | 49 |
| Spring Creek | 444.6 | 277.4 in 1975 | 49 |
| Springs | 573.4 | 564.2 in 1973 | 49 |
| Broadleigh Downs | 217.2 | 196.8 in 2000 | 48 |
| Hillview | 609.6 | 314.7 in 1973 | 48 |
| Jackson Community Postal Agency | 247.4 | 183.1 in 1970 | 48 |
| Sorrento | 211.4 | 198.5 in 1959 | 48 |
| Upper Tenthill | 351.6 | 244.7 in 1970 | 48 |
| Banchory | 240.0 | 234.2 in 1973 | 47 |
| Cooranga North | 382.6 | 219.1 in 1970 | 47 |
| Lillingstone | 299.0 | 256.6 in 1970 | 47 |
| Valhalla | 216.8 | 204.4 in 1959 | 47 |
| Geijera | 400.8 | 254.8 in 1973 | 46 |
| Mirrabooka | 362.2 | 229.0 in 1991 | 46 |
| Possum Park | 431.0 | 253.1 in 1942 | 46 |
| Walkamin Research Station | 378.4 | 291.2 in 1988 | 46 |
| Woolooga | 453.4 | 387.3 in 1988 | 46 |
| Maywin Park | 366.0 | 318.2 in 1975 | 45 |
| Mount Cotton Farm | 643.2 | 582.5 in 1970 | 45 |
| Mount Kingsley | 567.4 | 290.8 in 1970 | 45 |
| Namarah | 179.8 | 151.1 in 1970 | 45 |
| Caltex Refineries (QLD) Ltd | 552.5 | 425.2 in 1970 | 44 |
| Conjuby Station | 261.8 | 230.7 in 1973 | 44 |
| Danewood Vale | 359.8 | 309.8 in 1970 | 44 |
| Kilbeggan | 357.2 | 270.9 in 1970 | 44 |
| Maitland Downs Station | 369.5 | 290.0 in 1976 | 44 |
| Wuruma Dam | 441.0 | 198.9 in 1973 | 44 |
| Brigalow Research Stn | 382.0 | 361.2 in 1975 | 43 |
| Long Pocket CSIRO Lab | 453.4 | 403.6 in 1970 | 43 |
| New Caledonia | 392.0 | 244.6 in 1973 | 42 |
| Stirling Station | 294.7 | 202.7 in 1976 | 42 |
| Talagai | 382.4 | 282.2 in 1974 | 42 |
| Doongara | 282.0 | 266.9 in 1971 | 41 |
| Lynwood | 359.0 | 320.4 in 1973 | 41 |
| Mandala | 456.8 | 233.2 in 1995 | 41 |
| Oakey Aero | 304.2 | 187.5 in 1970 | 41 |
| Placid Hills | 340.8 | 253.7 in 1970 | 41 |
| Strathday Station | 369.4 | 260.0 in 2000 | 41 |
| Wollombi Station | 504.5 | 216.0 in 2003 | 41 |
| Carina Downs | 477.0 | 304.0 in 1975 | 40 |
| Maroon Dam | 370.6 | 350.4 in 1974 | 40 |
| Miami Bardon Ave | 627.4 | 400.0 in 1983 | 40 |
| Talinga | 242.0 | 219.9 in 1970 | 40 |
| Toogoom | 537.6 | 330.0 in 1985 | 40 |
| Toolara Forestry | 480.2 | 304.2 in 1988 | 40 |
| Urangan Hibiscus St | 573.4 | 245.6 in 1995 | 40 |
| Capalaba Water Treat | 515.2 | 253.2 in 1995 | 39 |

| Record highest December total rainfall | | | |
|--|------------|---------------|-----------------|
| | New record | Old record | Years of record |
| Essex | 491.6 | 359.9 in 1990 | 39 |
| Macalister | 306.4 | 198.6 in 1993 | 39 |
| Oxley | 377.7 | 279.2 in 1991 | 39 |
| Slogan Downs | 271.0 | 213.4 in 1990 | 39 |
| Almaden | 441.2 | 394.8 in 1997 | 38 |
| Bruslee | 380.0 | 270.4 in 1975 | 38 |
| Cometside | 478.4 | 297.0 in 1975 | 38 |
| Freitag | 502.6 | 283.5 in 1975 | 38 |
| Moranbah Water Treatment Plant | 350.0 | 318.2 in 1991 | 38 |
| Mountain View | 569.8 | 245.8 in 1975 | 38 |
| Moyola | 373.0 | 217.8 in 1981 | 38 |
| Seloh Nolem | 385.8 | 333.8 in 1990 | 38 |
| Wombalano | 355.4 | 280.0 in 1975 | 38 |
| Woodbine | 581.8 | 359.7 in 1973 | 38 |
| Burleigh Station | 269.5 | 216.0 in 1974 | 37 |
| Craigs Pocket Station | 348.2 | 303.4 in 1997 | 37 |
| Deepbank | 358.6 | 200.6 in 1973 | 37 |
| Kincora | 219.0 | 218.0 in 1975 | 37 |
| Mount Lowe | 232.0 | 210.4 in 1990 | 37 |
| Strathdee | 376.0 | 215.0 in 1985 | 37 |
| Cannon Hill Bowls Club | 500.4 | 267.6 in 1988 | 36 |
| Heathwood (Wadeville St) | 403.4 | 379.0 in 1991 | 36 |
| Woodgate Store | 556.0 | 338.4 in 1970 | 36 |
| Carneys Creek The Ranch | 446.0 | 337.8 in 1978 | 35 |
| Hinze Dam | 498.4 | 424.0 in 1991 | 35 |
| Loudoun Bridge | 264.0 | 250.2 in 1921 | 35 |
| Lucknow | 269.0 | 261.6 in 1975 | 35 |
| Turrawulla Station | 601.3 | 304.1 in 1990 | 35 |
| Ferndale | 675.6 | 638.8 in 1973 | 34 |
| Keen Gea | 192.5 | 188.4 in 2000 | 34 |
| Lawnton Colonial Drive | 500.6 | 302.2 in 1988 | 34 |
| Boondall | 433.6 | 273.7 in 1988 | 33 |
| Builyan Gum Street | 608.4 | 264.0 in 1988 | 33 |
| Embreyes Bridge | 248.2 | 238.2 in 1991 | 33 |
| Oakington | 373.0 | 260.0 in 1981 | 33 |
| Upper Barron | 619.4 | 432.0 in 1988 | 33 |
| Childers South | 701.2 | 340.0 in 1988 | 32 |
| Dingle Dell | 481.8 | 215.8 in 1973 | 32 |
| Mt Stanley Station | 391.2 | 221.4 in 1978 | 32 |
| Greenhaven | 596.4 | 461.4 in 1997 | 31 |
| Greenslopes Private Hospital | 469.4 | 233.0 in 1980 | 31 |
| Shailer Park Oregon Drive | 517.8 | 268.0 in 1991 | 31 |
| Bogunda Station | 229.2 | 220.0 in 2000 | 30 |
| Springbrook Road | 720.6 | 614.5 in 1988 | 29 |
| Coolangatta | 493.8 | 361.4 in 2004 | 28 |
| Dungaden | 363.6 | 267.6 in 2003 | 28 |
| Macleay Bridge | 335.4 | 277.4 in 1991 | 28 |
| Tantallon | 215.8 | 152.6 in 2007 | 28 |
| Wonga | 308.6 | 223.0 in 1981 | 28 |
| Glandore | 405.8 | 201.8 in 1988 | 27 |
| Monogorilby - Home | 380.2 | 195.8 in 1984 | 27 |
| Topaz | 714.5 | 643.0 in 1990 | 27 |
| Burrum Heads | 645.0 | 256.5 in 1988 | 26 |
| Cherry Park | 152.0 | 132.8 in 1999 | 26 |
| Clarke Hills Station | 305.6 | 292.0 in 2000 | 25 |
| Dooruna Downs | 299.2 | 167.0 in 2000 | 25 |
| Mackay Aero | 669.0 | 380.2 in 1956 | 25 |
| Roma Airport | 233.6 | 174.8 in 1995 | 25 |
| Wallen Wallen | 544.8 | 421.8 in 1988 | 25 |
| Corbould Pk Racecourse | 689.5 | 316.0 in 1988 | 24 |
| Mango Hill | 424.2 | 387.5 in 1991 | 24 |
| Seventeen Seventy | 516.2 | 331.2 in 1988 | 24 |
| Aubigny Purrawunda | 308.3 | 199.1 in 1970 | 23 |
| Keppel Island South | 444.0 | 367.2 in 1990 | 23 |
| Clontarf | 448.8 | 260.1 in 1988 | 22 |
| Lauriedale | 340.0 | 236.0 in 1970 | 22 |
| Ripple Downs | 205.0 | 164.2 in 2003 | 22 |
| Tamba | 448.0 | 208.6 in 1996 | 22 |
| Traighli | 278.8 | 141.7 in 1997 | 22 |
| Violet Vale Station | 573.2 | 506.6 in 1988 | 22 |
| Brisbane RPA Hospital | 462.6 | 243.8 in 2004 | 21 |
| Morayfield Mark St | 428.8 | 367.6 in 1991 | 21 |
| Strathburn Station | 371.0 | 293.4 in 2000 | 21 |
| Cooby Creek Dam | 285.0 | 160.4 in 1995 | 20 |
| Deverton Sawpit Gully Rd | 449.6 | 212.0 in 1991 | 20 |
| Emu Valley Station | 265.9 | 160.6 in 1997 | 20 |
| Frankfield Station | 200.0 | 176.0 in 2000 | 20 |
| Yandaran Monduran Road | 797.0 | 276.2 in 2003 | 20 |

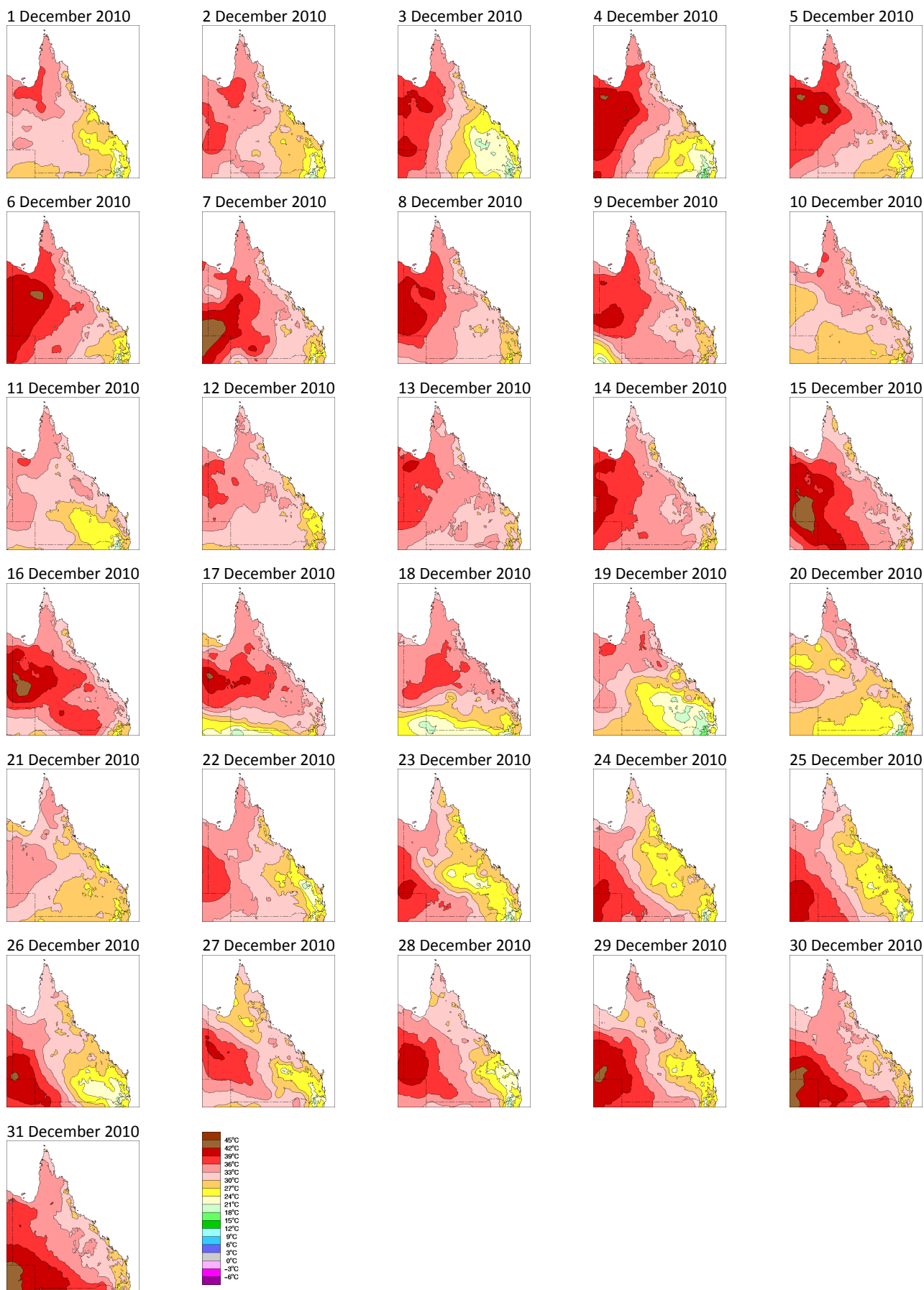
| Highest December total rainfall for at least 20 years | | | |
|---|---------------------|--------------------|--------------------|
| | Observed this month | Most recent higher | Years since higher |
| Killarney Post Office | 267.4 | 276.4 in 1897 | 113 |
| Irvinebank | 396.6 | 403.8 in 1903 | 104 |
| Bowenville | 305.4 | 311.2 in 1897 | 93 |
| Pentland Post Office | 347.5 | 347.8 in 1916 | 92 |
| Greenvale Township | 304.6 | 443.7 in 1917 | 91 |
| Calliope Station | 587.4 | 718.4 in 1921 | 89 |
| Mounefontein | 383.8 | 390.7 in 1921 | 89 |
| Mount Larcom Post Office | 574.8 | 851.3 in 1921 | 89 |
| Rosedale Post Office | 564.5 | 630.9 in 1921 | 89 |
| Trafalgar Station | 249.2 | 262.1 in 1922 | 88 |
| Minmore | 389.6 | 510.8 in 1921 | 87 |
| Rathdowney Post Office | 387.4 | 453.1 in 1921 | 87 |
| Kumbia Post Office | 342.8 | 431.8 in 1921 | 85 |
| Maryborough | 528.6 | 551.4 in 1926 | 84 |
| Tarong | 333.0 | 472.2 in 1921 | 84 |
| Barcaldine Post Office | 227.7 | 256.1 in 1927 | 83 |
| Theebine | 411.7 | 565.9 in 1926 | 83 |
| Goomborian | 570.0 | 672.6 in 1926 | 82 |
| Gympie | 544.2 | 584.5 in 1926 | 82 |
| Evora Station | 197.0 | 237.7 in 1927 | 81 |
| Marodian Homestead | 494.0 | 539.5 in 1926 | 81 |
| Sandy Cape Lighthouse | 341.7 | 428.3 in 1933 | 77 |
| Kairi Research Station | 344.0 | 479.8 in 1916 | 76 |
| Victoria Downs | 227.0 | 293.7 in 1931 | 76 |
| Bustard Head Lighthouse | 442.5 | 484.9 in 1921 | 72 |
| Warrabah | 207.0 | 217.0 in 1934 | 71 |
| Surat | 209.2 | 258.0 in 1942 | 68 |
| Woodbine Station | 294.2 | 353.9 in 1942 | 68 |
| Crows Nest | 307.1 | 332.3 in 1942 | 67 |
| Mt Douglas | 231.0 | 312.3 in 1942 | 67 |
| Goombungee Post Office | 264.1 | 275.1 in 1943 | 66 |
| Haden Post Office | 327.0 | 331.7 in 1943 | 65 |
| Double Island Point Lighthouse | 340.4 | 356.4 in 1943 | 64 |
| Lowan Hills | 260.4 | 315.6 in 1942 | 64 |
| Hughenden Station | 230.4 | 353.8 in 1942 | 62 |
| Eversfield | 200.2 | 210.9 in 1942 | 59 |
| Bogarella | 202.0 | 237.2 in 1942 | 57 |
| Grandchester Symes St | 278.0 | 303.4 in 1942 | 57 |
| Anakie Richardson St | 386.4 | 447.5 in 1956 | 54 |
| Coreena | 220.0 | 238.7 in 1956 | 54 |
| Bauple | 436.4 | 556.4 in 1956 | 53 |
| Dotswood | 200.8 | 210.9 in 1956 | 52 |
| Tinaroo Falls Dam | 344.2 | 345.0 in 1959 | 51 |
| Lands End Station | 257.0 | 284.5 in 1960 | 50 |
| Innot Hot Springs Township | 340.3 | 390.7 in 1959 | 49 |
| Karmoo | 294.0 | 412.0 in 1956 | 49 |
| Tallebudgera Guineas Creek Road | 502.4 | 589.1 in 1955 | 48 |
| Woodleigh | 377.0 | 440.7 in 1959 | 48 |
| Gladstone Radar | 434.0 | 508.9 in 1962 | 47 |
| Wallumbilla Post Office | 221.4 | 248.2 in 1961 | 47 |
| Gilberton | 268.0 | 270.1 in 1964 | 46 |
| Capella Post Office | 230.1 | 257.3 in 1965 | 44 |
| Macknade Sugar Mill | 670.0 | 755.7 in 1964 | 44 |
| Numinbah State Farm | 486.0 | 518.1 in 1962 | 43 |
| Porpuraaw Township | 431.8 | 449.6 in 1956 | 42 |
| Alderley | 442.4 | 536.3 in 1970 | 40 |
| Blackbutt Post Office | 288.9 | 401.8 in 1970 | 40 |
| Chinchilla Water Treatment Plant | 313.7 | 432.6 in 1970 | 40 |
| Conondale Township | 441.2 | 521.1 in 1970 | 40 |
| Harewood | 259.6 | 428.8 in 1970 | 40 |
| Lindfield | 400.2 | 415.9 in 1970 | 40 |
| Maleny Tamarind St | 711.2 | 728.9 in 1970 | 40 |
| Miles Post Office | 348.8 | 442.5 in 1970 | 40 |
| Rochedale South | 437.0 | 446.9 in 1970 | 40 |
| Sunnybank Bowls Club | 420.0 | 436.2 in 1970 | 40 |
| Toombul Bowls Club | 438.0 | 438.6 in 1970 | 40 |
| Woleebee Nevasa | 280.0 | 286.6 in 1970 | 40 |
| Woodspring | 204.0 | 330.7 in 1970 | 40 |
| Yarraman Post Office | 332.2 | 343.9 in 1970 | 40 |
| Yarraman Upper | 311.6 | 389.5 in 1970 | 40 |
| Beau Maison | 258.6 | 342.0 in 1970 | 39 |
| Beeburrum Forest Station | 531.4 | 901.6 in 1970 | 39 |
| Borumba Dam | 485.2 | 533.9 in 1970 | 39 |
| Dulacca Truck Stop | 310.9 | 314.8 in 1970 | 39 |
| Montville "Craglands" | 682.4 | 728.3 in 1970 | 39 |
| Ourigilla | 201.6 | 222.5 in 1971 | 39 |
| Palmwoods | 620.2 | 686.1 in 1970 | 39 |
| Top Plains | 408.0 | 417.8 in 1970 | 39 |

| Highest December total rainfall for at least 20 years | | | |
|---|---------------------|--------------------|--------------------|
| | Observed this month | Most recent higher | Years since higher |
| Warkon | 190.2 | 217.4 in 1971 | 39 |
| Yabba Station | 383.0 | 388.4 in 1970 | 39 |
| Archerfield Airport | 354.6 | 444.0 in 1970 | 38 |
| Buaraba | 292.6 | 371.3 in 1970 | 38 |
| Carramar | 257.0 | 263.8 in 1970 | 38 |
| Glendower Station | 221.0 | 232.0 in 1971 | 38 |
| Mount Cotton West | 529.2 | 582.1 in 1970 | 38 |
| Ravenswood Post Office | 364.1 | 661.4 in 1971 | 38 |
| Redlands HRS | 319.6 | 423.7 in 1970 | 38 |
| Tara Township | 273.4 | 363.3 in 1970 | 38 |
| Augathella Post Office | 145.3 | 237.2 in 1971 | 37 |
| Darts Creek | 427.7 | 444.9 in 1973 | 37 |
| Mount Barney | 301.6 | 319.7 in 1970 | 37 |
| Mount Turner Station | 372.8 | 385.3 in 1973 | 37 |
| Moura Post Office | 293.2 | 327.1 in 1973 | 37 |
| Rockley | 741.8 | 870.0 in 1973 | 37 |
| Koombooloomba Dam | 603.0 | 635.0 in 1973 | 36 |
| Mount McConnell | 254.4 | 261.2 in 1973 | 36 |
| Somerby | 411.9 | 473.8 in 1973 | 36 |
| Taroom Post Office | 360.2 | 380.9 in 1970 | 36 |
| Aviemore | 370.6 | 433.0 in 1975 | 35 |
| Biboohra | 273.8 | 337.4 in 1975 | 35 |
| Cardwell Marine Pde | 564.3 | 591.8 in 1975 | 35 |
| Cheepie Post Office | 178.0 | 219.6 in 1975 | 35 |
| Dalveen | 232.2 | 271.6 in 1975 | 35 |
| Eddington Station | 192.8 | 219.7 in 1956 | 35 |
| Fairleigh | 221.8 | 247.0 in 1975 | 35 |
| Forsayth Caravan Park | 342.0 | 451.5 in 1973 | 35 |
| Gue | 198.8 | 254.6 in 1975 | 35 |
| Happy Valley | 838.2 | 875.2 in 1975 | 35 |
| Hawkins Creek | 665.6 | 715.0 in 1975 | 35 |
| Ingham Composite | 633.7 | 792.6 in 1975 | 35 |
| Kindon | 183.0 | 409.8 in 1970 | 35 |
| Mt Sophia | 715.0 | 729.4 in 1975 | 35 |
| Springleigh | 164.8 | 281.8 in 1975 | 35 |
| Toomba Stud | 220.4 | 272.2 in 1975 | 35 |
| Townsville Aero | 406.0 | 458.0 in 1975 | 35 |
| Upper Stone Exelby | 662.8 | 764.6 in 1975 | 35 |
| Victoria Sugar Mill | 620.5 | 644.0 in 1975 | 35 |
| Whynot Station | 153.0 | 248.6 in 1975 | 35 |
| Bambaroo | 648.6 | 990.6 in 1975 | 34 |
| Croydon Township | 281.6 | 302.8 in 1976 | 34 |
| Eastmere | 150.0 | 422.0 in 1975 | 34 |
| Eksun Downs | 231.4 | 244.6 in 1970 | 34 |
| Eveleigh Station | 316.4 | 331.4 in 1973 | 34 |
| Jochmus | 156.4 | 327.4 in 1975 | 34 |
| Marmboo | 152.5 | 153.7 in 1976 | 34 |
| Rollingstone | 519.6 | 892.8 in 1975 | 34 |
| Tully Sugar Mill | 789.4 | 797.0 in 1975 | 34 |
| Woodhouse | 509.4 | 516.6 in 1976 | 34 |
| Bellenden Ker Bottom Stn | 906.0 | 1032.5 in 1975 | 33 |
| Fig Tree | 536.4 | 779.7 in 1973 | 33 |
| Mapleton Post Office | 652.9 | 684.5 in 1970 | 33 |
| Applethorpe | 212.2 | 217.8 in 1975 | 32 |
| Bungawarra | 409.6 | 456.6 in 1975 | 32 |
| Mutarnee Store | 539.4 | 636.4 in 1976 | 32 |
| New Moon Station | 268.4 | 361.8 in 1975 | 32 |
| Bajool Post Office | 490.0 | 585.4 in 1973 | 31 |
| Paluma Ivy Cottage | 849.6 | 935.0 in 1976 | 31 |
| Pratten | 232.6 | 285.6 in 1975 | 31 |
| Ronlow Park | 243.2 | 274.1 in 1978 | 31 |
| Bingil Bay | 597.7 | 728.8 in 1975 | 30 |
| Highvale | 307.6 | 374.2 in 1970 | 30 |
| Horse Shoe Bend | 370.4 | 469.0 in 1975 | 30 |
| Sapphire Post Office | 326.8 | 354.0 in 1975 | 30 |
| Brigalow Post Office | 286.5 | 409.2 in 1970 | 29 |
| Iron Hurst Station | 264.0 | 556.2 in 1973 | 29 |
| Stanthorpe Leslie Parade | 195.3 | 207.6 in 1975 | 29 |
| Deeral | 823.6 | 1124.0 in 1975 | 27 |
| Coolsha | 186.8 | 272.8 in 1980 | 26 |
| Mantuan Downs | 174.0 | 256.4 in 1975 | 26 |
| Gamboola Station | 368.0 | 437.0 in 1973 | 25 |
| Boothulla | 155.0 | 176.5 in 1931 | 24 |
| Condamine | 212.0 | 226.4 in 1988 | 22 |
| Mareeba South Edge Res | 294.3 | 300.7 in 1988 | 22 |
| Mt Tamborine Fern St | 575.0 | 638.6 in 1988 | 22 |
| Mulgrave Mill | 459.5 | 523.4 in 1950 | 22 |
| Numinbah | 764.2 | 992.2 in 1988 | 22 |
| South Johnstone Exp Stn | 586.6 | 595.0 in 1988 | 22 |
| Coovin | 193.6 | 207.3 in 1988 | 21 |
| Glenelg | 158.5 | 211.4 in 1989 | 21 |

Highest December total rainfall for at least 20 years

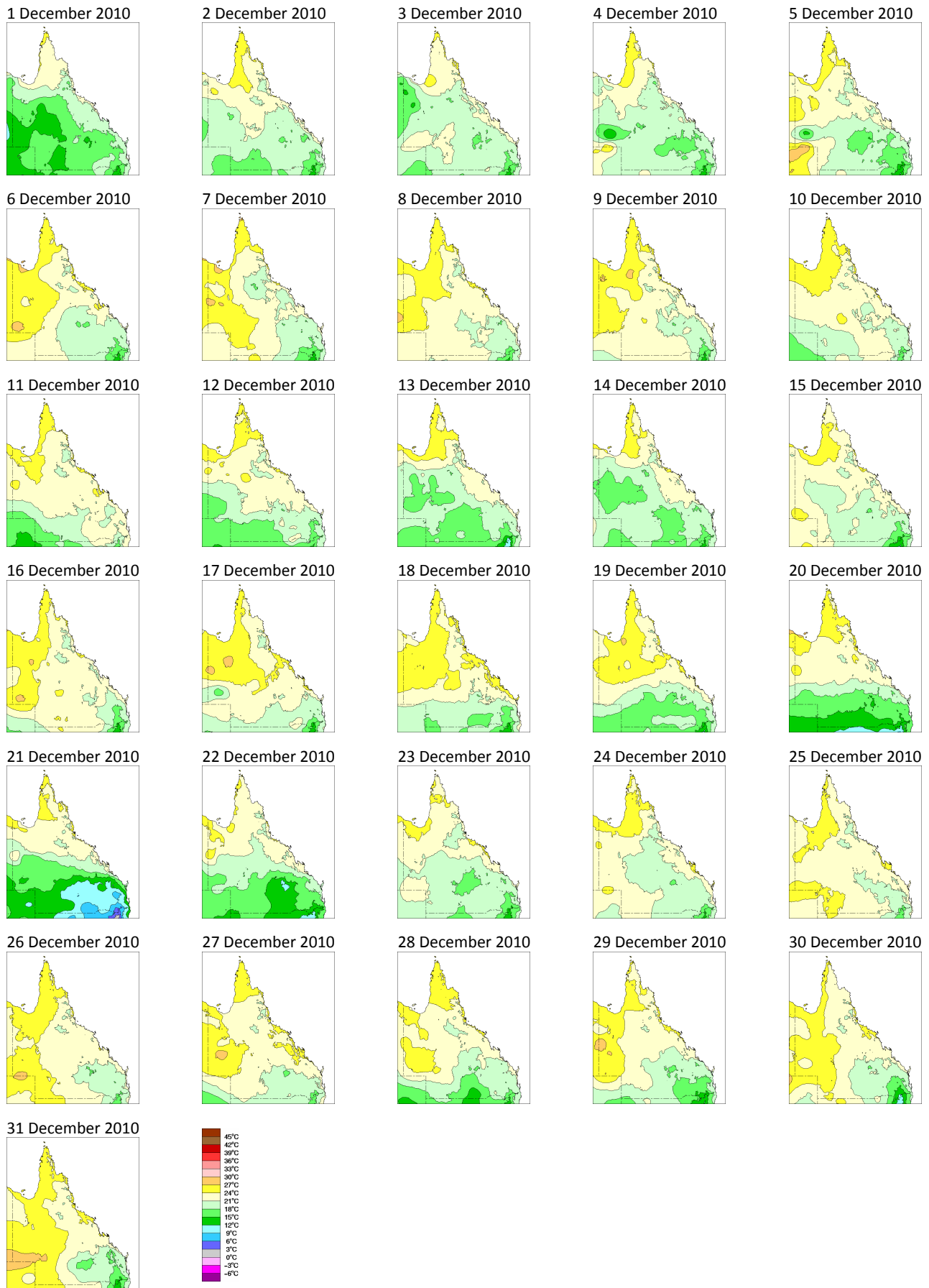
| | Observed this month | Most recent higher | Years since higher |
|---------------------------|---------------------|--------------------|--------------------|
| Jimboomba Millstream Road | 357.4 | 376.6 in 1988 | 21 |
| Melva | 202.0 | 212.6 in 1989 | 21 |
| Southend Curtis Island | 374.4 | 504.2 in 1988 | 21 |
| Beaudesert Cryna | 313.8 | 339.4 in 1988 | 20 |
| Broadmeadows | 453.8 | 501.8 in 1990 | 20 |
| Carfax | 306.0 | 343.8 in 1990 | 20 |
| Clermont Sirius St | 190.4 | 196.7 in 1990 | 20 |
| Doraville Station | 756.1 | 1174.6 in 1990 | 20 |
| Hecate | 710.6 | 1086.6 in 1990 | 20 |
| Kelsey Creek Dittmer Rd | 637.8 | 1140.6 in 1990 | 20 |
| Lethebrook | 622.2 | 1405.1 in 1990 | 20 |
| Mackay M.O | 740.6 | 1158.6 in 1990 | 20 |
| Mingela Post Office | 202.5 | 241.8 in 1990 | 20 |
| Mornington Island | 282.2 | 313.0 in 1987 | 20 |
| Mount Dangar | 480.0 | 857.0 in 1990 | 20 |
| Pacific Heights | 526.8 | 611.0 in 1990 | 20 |
| Proserpine Airport | 622.6 | 1076.6 in 1990 | 20 |
| Rockhampton Aero | 518.4 | 533.4 in 1990 | 20 |
| Roma Peak | 575.2 | 835.4 in 1990 | 20 |
| St Lawrence Post Office | 537.7 | 613.2 in 1990 | 20 |
| Walterhall | 410.4 | 558.8 in 1990 | 20 |
| Warden Bend | 455.2 | 905.0 in 1990 | 20 |
| Wilson Beach | 554.8 | 1245.2 in 1990 | 20 |
| Yaamba | 483.0 | 727.2 in 1990 | 20 |

Daily maximum temperature for December 2010



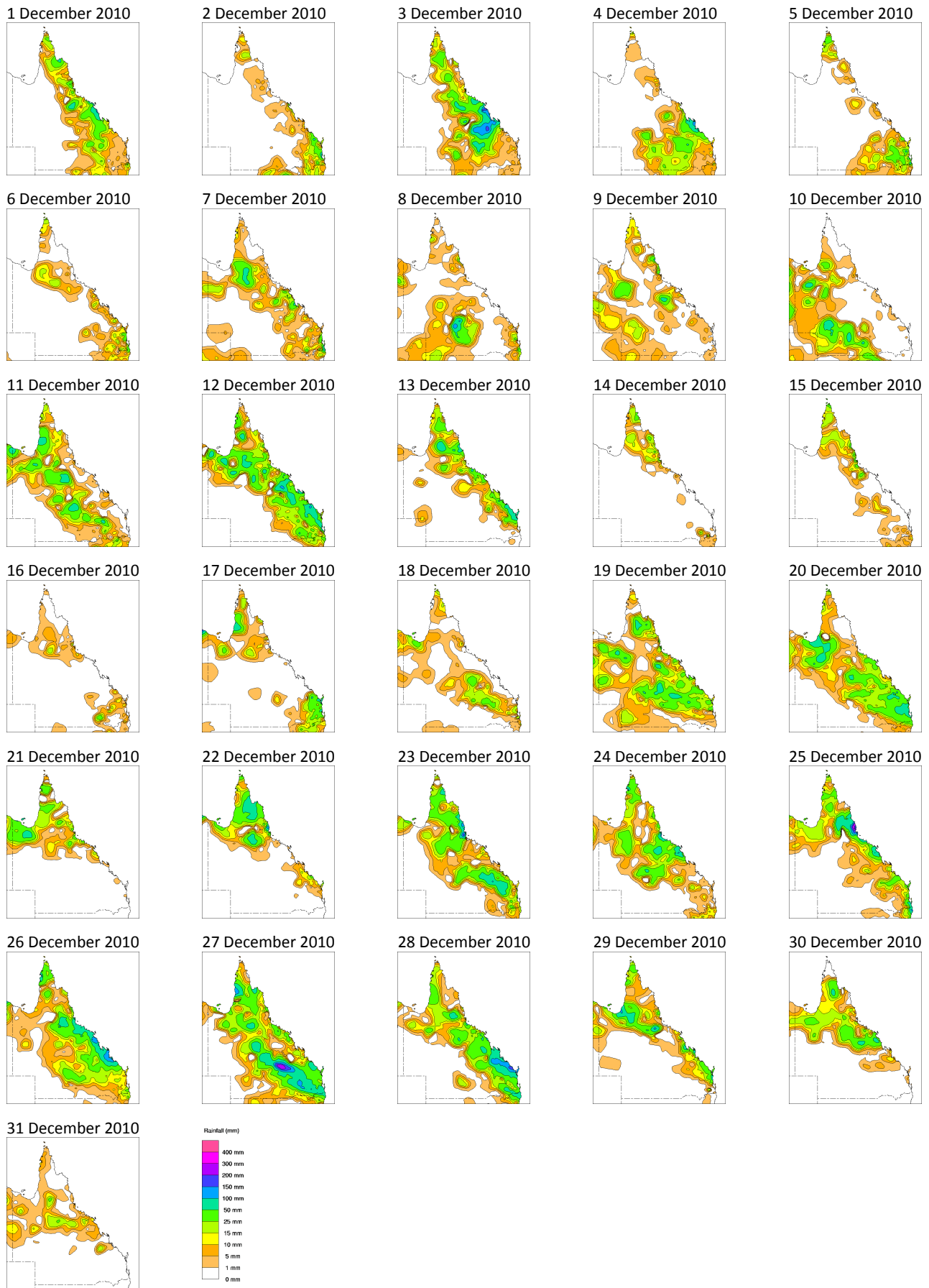
These maps are presented to give a statewide overview of conditions on each day through the month. There could be discrepancies between the values shown on these maps and those at individual locations, as a result of the way the maps are generated.

Daily minimum temperature for December 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 December 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 Brisbane Airport in December 2010

Observations and climatology are from Brisbane Airport; climatological values include those from the "old" site.

| | Observed this month | | Climatological value | |
|--------------------------------|---------------------|-------------|----------------------|---------------------|
| Temperature | | | | |
| Mean daily maximum temperature | 26.8 °C | | 28.5 °C | |
| Mean daily minimum temperature | 20.5 °C | | 19.9 °C | |
| Mean temperature | 23.7 °C | | 24.2 °C | |
| Mean temperature at 9 am | 24.8 °C | | 25.4 °C | |
| Mean temperature at 3 pm | 24.6 °C | | 26.8 °C | |
| Highest temperature | 30.8 °C | on the 18th | 39.6 °C | on the 7th in 1981 |
| Lowest temperature | 13.4 °C | on the 21st | 12.1 °C | on the 5th in 1955 |
| Days 30 °C or warmer | 1 | | 7.2 | |
| Days 35 °C or warmer | 0 | | 0.4 | |
| Days 40 °C or warmer | 0 | | 0.0 | |
| Nights 5 °C or cooler | 0 | | 0.0 | |
| Nights 2 °C or cooler | 0 | | 0.0 | |
| Humidity | | | | |
| Mean relative humidity at 9 am | 72 % | | 63 % | |
| Mean relative humidity at 3 pm | 75 % | | 60 % | |
| Pressure | | | | |
| Mean MSL pressure at 9 am | 1011.9 hPa | | 1013.6 hPa | |
| Mean MSL pressure at 3 pm | 1009.9 hPa | | 1011.0 hPa | |
| Wind | | | | |
| Strongest wind gust | NW 72 km/h | on the 17th | E 124 km/h | on the 16th in 1977 |
| Mean wind speed at 9 am | 15 km/h | | 13 km/h | |
| Mean wind speed at 3 pm | 20 km/h | | 22 km/h | |
| Days with strong wind | 3 | | 1.7 | |
| Days with gales | 0 | | 0.2 | |
| Days with gale-force gusts | 2 | | 1.4 | |
| Rainfall | | | | |
| Total precipitation | 499.4 mm | | 130.4 mm | |
| Number of rain days | 23 | | 11.5 | |
| Wettest day | 76.2 mm | on the 12th | 152.7 mm | on the 22nd in 1956 |
| Sunshine | | | | |
| Mean daily sunshine | 4.5 hours | | 8.6 hours | |
| Evaporation | | | | |
| Mean daily evaporation | 5.1 mm | | 7.3 mm | |
| Phenomena | | | | |
| Days of thunder | 4 | | 5.1 | |
| Days of hail | 0 | | 0.6 | |
| Days of frost | 0 | | 0.0 | |
| Days of fog | 0 | | 0.6 | |
| Days with mist or haze | 25 | | 17.3 | |

Daily and mean maximum temperatures for December 2010

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

Table with columns for region (e.g., North Peninsula, South Peninsula, Lower Carpentaria, Upper Carpentaria, Barron North Coast, East Central Coast, West Central Coast, Central Highlands, Central Lowlands, Upper Western, Lower Western, Port Curtis South Coast), station name, and 31 columns of data representing daily maximum temperatures and mean, anomaly, and decile values.

Daily and mean minimum temperatures for December 2010

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

Table with columns for location, Mean, Anom, Decile, and 31 days of minimum temperature data. Rows are grouped by region: North Peninsula (27), South Peninsula (28), Lower Carpentaria (29), Upper Carpentaria (30), Barron North Coast (31), East Central Coast (33), West Central Coast (34), Central Highlands (35), Central Lowlands (36), Upper Western (37), Lower Western (38), and Port Curtis South Coast (39).

Daily and mean minimum temperatures for December 2010

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

| | 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 | | |
|----------------------------------|------|------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| Moreton South Coast (40) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amberley AMO | 19.2 | +0.8 | 8 | 20.0 | 18.6 | 19.9 | 19.6 | 18.3 | 19.5 | 20.1 | 20.7 | 19.6 | 18.8 | 23.6 | 20.0 | 19.7 | 18.5 | 18.9 | 19.2 | 19.5 | 20.5 | 20.4 | 17.2 | 10.1 | 15.4 | 18.5 | 20.4 | 21.5 | 21.6 | 21.2 | 20.1 | 17.6 | 17.5 | 17.4 | | |
| Archerfield Airport | 19.8 | +0.7 | 7 | 20.9 | 19.6 | 19.8 | 20.0 | 18.8 | 19.5 | 20.5 | 20.3 | 21.0 | 20.9 | 23.6 | 20.3 | 21.8 | 19.7 | 19.2 | 19.3 | 18.9 | 21.2 | 20.6 | 16.9 | 12.5 | 16.5 | 18.5 | 21.2 | 21.2 | 21.6 | 21.2 | 20.7 | 19.2 | 18.6 | 19.1 | 16.9 | |
| Beaudesert Drumley Street | 18.8 | | | 18.3 | 18.8 | 19.1 | 19.1 | 18.4 | 18.0 | 19.7 | 19.6 | 20.2 | 20.5 | 23.4 | 20.0 | 21.2 | 18.1 | 16.5 | 17.6 | 19.3 | 20.0 | 20.2 | 16.3 | 9.4 | 15.0 | 18.4 | 20.2 | 21.0 | 21.1 | 21.1 | | | | | | |
| Beeburum Forest Station | 19.8 | +1.2 | 9 | 19.2 | 19.1 | 19.3 | 19.6 | 19.5 | 20.4 | 20.4 | 21.4 | 20.7 | 19.4 | 22.5 | 19.7 | 21.3 | 20.3 | 19.5 | 19.2 | | | 20.2 | 17.0 | 12.3 | 17.8 | 19.0 | 21.4 | 21.9 | 21.8 | 21.8 | 20.9 | 19.3 | 20.1 | 19.8 | | |
| Brisbane Aero | 20.5 | +0.4 | 8 | 22.0 | 20.1 | 21.1 | 20.5 | 19.8 | 20.4 | 20.8 | 22.4 | 22.4 | 21.7 | 24.1 | 20.3 | 22.1 | 20.6 | 20.5 | 19.9 | 18.2 | 21.3 | 20.9 | 17.1 | 13.4 | 18.6 | 19.4 | 22.3 | 22.0 | 21.4 | 21.7 | 20.7 | 20.8 | 19.2 | 20.4 | | |
| Brisbane | 20.5 | +0.1 | 5 | 21.5 | 19.5 | 20.2 | 21.3 | 19.6 | 20.3 | 20.9 | 21.1 | 21.6 | 21.7 | 24.1 | 20.4 | 22.0 | 20.8 | 20.5 | 19.9 | 19.2 | 21.4 | 21.3 | 13.7 | 14.7 | 17.8 | 19.2 | 21.8 | 21.9 | 21.8 | 21.6 | 21.1 | 20.4 | 19.4 | 20.4 | | |
| Cape Moreton Lighthouse | 21.2 | +0.2 | 6 | 21.6 | 19.4 | 21.5 | 20.3 | 19.1 | 18.7 | 21.2 | 22.4 | 22.8 | 23.1 | 23.6 | 20.2 | 21.2 | 22.1 | 20.7 | 23.2 | 20.0 | 22.5 | 21.5 | 18.0 | 19.0 | 20.6 | 20.3 | 22.8 | 22.0 | 22.0 | 21.7 | 21.4 | 20.2 | 21.1 | 23.0 | | |
| Coolangatta | 20.4 | +0.6 | 8 | 21.4 | 19.6 | 20.2 | 20.4 | 19.5 | 20.1 | 20.8 | 21.1 | 21.9 | 22.3 | 23.7 | 20.4 | 21.6 | 20.9 | 19.3 | 21.4 | 21.0 | 21.7 | 19.8 | 17.2 | 12.6 | 16.4 | 18.8 | 22.4 | 21.3 | 21.0 | 21.3 | 20.9 | 20.9 | 20.8 | 20.8 | | |
| Double Island Point Lighthouse | 21.5 | 0.0 | 5 | 20.8 | 21.1 | 22.6 | 20.7 | 19.5 | 21.2 | 20.3 | 23.1 | 23.2 | 23.0 | 23.1 | 19.4 | 21.1 | 22.4 | 21.6 | 23.4 | 20.4 | 23.1 | 21.8 | 19.1 | 19.9 | 20.5 | 20.8 | 22.3 | 22.3 | 21.2 | 22.4 | 21.5 | 20.9 | 21.3 | 22.8 | | |
| Gold Coast Seaway | 21.0 | +0.5 | 8 | 21.8 | 21.0 | 20.9 | 20.9 | 19.9 | 20.5 | 20.9 | 22.3 | 22.1 | 21.6 | 24.1 | 20.6 | 21.8 | 21.1 | 20.0 | 21.7 | 22.1 | 22.0 | 21.0 | 17.9 | 15.1 | 18.4 | 19.3 | 22.7 | 22.2 | 21.5 | 21.4 | 21.2 | 21.6 | 21.1 | 21.3 | | |
| Gympie | 19.9 | +1.3 | 9 | 18.9 | 19.6 | 19.5 | 20.1 | 18.4 | 19.9 | 20.6 | 21.5 | 21.7 | 19.7 | 23.1 | 18.8 | 20.4 | 20.1 | 18.8 | 19.2 | 20.7 | 21.1 | 20.0 | 18.1 | 12.2 | 18.8 | 18.8 | 22.5 | 21.7 | 21.3 | 21.7 | 21.0 | 18.7 | 20.1 | 19.4 | | |
| Hervey Bay Airport | 21.6 | +0.4 | 5 | 19.3 | 21.6 | 21.4 | 20.0 | 20.2 | 21.0 | 20.7 | 23.1 | 23.7 | 20.8 | 24.5 | 21.3 | 21.9 | 20.2 | 20.8 | 22.7 | 21.4 | 25.0 | 22.7 | 20.6 | 17.4 | 20.3 | 21.7 | 23.7 | 23.1 | 22.0 | 23.6 | 22.0 | 21.9 | 21.7 | 20.0 | | |
| Hinze Dam | | | | 19.8 | 19.4 | 19.6 | | 18.5 | 18.6 | 20.2 | 20.8 | 20.8 | 20.9 | | 19.7 | 20.2 | 18.9 | 20.1 | 21.1 | | | | | | 16.9 | 18.7 | 22.2 | | | | | | 20.4 | 19.3 | 19.7 | |
| Jimna Forestry | 17.3 | +1.1 | 9 | 16.7 | 17.8 | 17.2 | 15.7 | 17.7 | 17.3 | 18.9 | 18.3 | 19.0 | 20.3 | 16.9 | 17.5 | 18.1 | 18.3 | 16.4 | 18.3 | 16.2 | 16.7 | 15.3 | 7.1 | 17.0 | 17.4 | 17.9 | 19.7 | 17.7 | 19.7 | 18.4 | 16.4 | 17.2 | 17.5 | | | |
| Kingaroy Airport | 17.8 | +0.9 | 9 | 17.2 | 18.1 | 17.9 | 17.7 | 15.9 | 18.4 | 18.0 | 19.4 | 18.3 | 19.2 | 21.2 | 17.6 | 18.2 | 19.0 | 17.3 | 16.8 | 18.6 | 16.9 | 18.6 | 15.9 | 7.3 | 16.8 | 17.3 | 19.3 | 19.8 | 18.6 | 20.5 | 19.1 | 16.9 | 17.0 | 18.1 | | |
| Logan City Water Treatment Plant | 20.2 | +1.1 | 7 | 20.4 | 19.6 | 19.4 | 20.2 | 20.5 | 19.8 | 20.4 | 20.0 | 21.0 | 21.5 | 24.0 | 20.5 | 21.0 | 20.2 | 19.1 | 20.5 | | | 20.6 | 20.0 | 17.3 | 13.1 | 16.9 | 19.4 | 22.0 | 21.7 | 20.8 | 21.4 | 22.2 | 21.9 | 19.5 | 20.1 | |
| Maleny Tamarind St | 18.3 | +0.5 | 8 | 17.6 | 17.2 | 18.8 | 17.8 | 18.2 | 18.0 | 18.8 | 19.8 | 20.0 | 19.2 | 18.8 | 17.8 | 18.8 | 18.8 | 18.4 | 19.2 | 18.6 | 18.6 | 18.0 | 15.4 | 12.4 | 17.6 | 17.6 | 20.6 | 20.6 | 19.6 | 19.4 | 19.4 | 16.8 | 18.8 | 17.6 | | |
| Maryborough | 20.9 | +1.2 | 9 | 19.5 | 20.9 | 20.9 | 20.3 | 20.0 | 20.8 | 21.6 | 21.6 | 21.1 | 19.8 | 22.8 | 19.6 | 21.4 | 20.4 | 20.7 | 20.9 | 21.0 | 22.9 | 22.3 | 19.8 | 15.3 | 20.2 | 21.2 | 23.0 | 22.7 | 21.5 | 21.9 | 21.6 | 19.8 | 20.9 | 20.5 | | |
| Nambour DPI - Hillside | 20.1 | | | 19.4 | 19.0 | 19.8 | 19.7 | 20.0 | 20.4 | 19.9 | 21.8 | 21.7 | 19.7 | 22.7 | 19.4 | 20.6 | 20.9 | 19.1 | 20.5 | 20.2 | 20.7 | 20.0 | 17.4 | 12.3 | 18.3 | 19.7 | 22.3 | 22.5 | 21.2 | 21.8 | 21.1 | 18.4 | 20.8 | 21.3 | | |
| Point Lookout | 20.6 | -0.8 | 2 | 19.6 | 20.6 | 19.6 | 19.0 | 16.7 | 19.7 | 21.6 | 22.0 | 22.5 | 23.4 | 22.2 | 20.4 | 20.1 | 19.8 | 23.4 | 20.3 | | | 20.3 | 18.4 | | 20.6 | 20.2 | 23.4 | 21.0 | 20.7 | 20.3 | 18.4 | 20.0 | 21.2 | 21.6 | | |
| Redcliffe | 20.8 | | | 22.2 | 19.7 | 22.3 | 20.1 | 19.7 | 20.8 | 21.0 | 22.5 | 23.0 | 21.6 | 23.9 | 20.4 | 21.6 | 21.0 | 20.5 | 21.3 | 19.9 | 20.6 | 21.1 | 17.4 | 13.5 | 19.8 | 19.7 | 22.6 | 21.8 | 20.6 | 22.1 | 21.0 | 20.3 | 20.9 | 21.3 | | |
| Redlands HRS | | | | 21.7 | 19.9 | 20.1 | | 19.6 | 20.8 | 20.8 | 20.9 | 22.7 | | | 20.5 | 20.3 | | 19.3 | 19.6 | | | 17.1 | 12.8 | 16.6 | 19.3 | 22.5 | | | | | | | | | | |
| Sunshine Coast Airport | 20.5 | +0.6 | 8 | 19.2 | 19.5 | 21.0 | 20.1 | 20.6 | 20.3 | 20.8 | 21.9 | 23.6 | 20.4 | 22.3 | 19.6 | 20.9 | 21.5 | 21.0 | 21.1 | 19.2 | 21.1 | 20.7 | 17.7 | 13.1 | 19.2 | 19.8 | 22.6 | 22.6 | 21.9 | 21.9 | 21.4 | 19.2 | 21.2 | 21.6 | | |
| Tewantin RSL Park | 20.9 | +0.2 | 5 | 19.8 | 20.3 | 21.6 | 20.5 | 20.1 | 20.1 | 21.3 | 22.0 | 23.6 | 21.7 | 23.3 | 19.5 | 21.1 | 21.4 | 21.3 | 21.7 | 20.0 | 21.9 | 20.8 | 18.0 | 14.6 | 18.8 | 20.1 | 23.1 | 22.7 | 21.3 | 21.8 | 21.6 | 19.1 | 21.2 | 22.1 | | |
| Toolara (Kelly) | 20.1 | +0.3 | 6 | 19.3 | 20.1 | 19.9 | 19.6 | 19.0 | 20.4 | 20.8 | 20.8 | 21.2 | 20.8 | 21.7 | 18.7 | 20.4 | 20.0 | 19.8 | 21.1 | 20.0 | 21.3 | 20.5 | 17.9 | 16.3 | 18.1 | 19.7 | 22.3 | 22.0 | 20.1 | 21.0 | 20.8 | 18.1 | 19.9 | 20.1 | | |
| University of Queensland Gatton | 19.0 | +0.9 | 9 | 19.6 | 18.5 | 19.4 | 19.1 | 17.4 | 19.6 | 19.9 | 20.9 | 19.7 | 20.5 | 23.5 | 19.7 | 19.4 | 18.3 | 19.0 | 19.0 | 19.5 | 19.8 | 19.6 | 16.3 | 11.0 | 15.8 | 18.2 | 20.2 | 21.2 | 21.1 | 20.7 | 19.7 | 18.5 | 16.3 | 16.9 | | |
| East Darling Downs (41) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Applethorpe | 14.4 | +0.6 | 6 | 14.6 | 14.3 | 15.3 | 14.5 | 13.3 | 15.3 | 14.7 | 16.2 | 15.4 | 17.2 | 18.5 | 15.9 | 10.6 | 15.8 | 13.5 | 15.1 | 13.0 | 15.0 | 13.7 | 13.4 | 3.7 | 12.6 | 13.8 | 16.5 | 17.1 | 17.2 | 16.3 | 15.8 | 13.2 | 10.6 | 13.2 | | |
| Dalby Airport | 18.3 | +0.7 | 7 | 17.8 | 18.8 | 18.6 | 18.3 | 17.0 | 17.8 | 18.4 | 19.4 | 19.0 | 19.8 | 21.7 | 18.6 | 17.5 | 18.2 | 17.9 | 18.5 | 19.6 | 19.0 | | 15.9 | 10.8 | 16.9 | 18.5 | 20.1 | 20.3 | 19.3 | 19.4 | 19.3 | 17.2 | 16.2 | 18.0 | | |
| Goondiwindi Airport | 18.6 | -0.1 | 4 | 18.8 | 18.6 | 19.8 | 18.4 | 17.6 | 18.1 | 17.4 | 19.8 | 20.4 | 21.9 | 22.3 | 20.5 | 19.2 | 19.1 | 18.2 | 20.2 | 21.1 | 18.4 | 18.9 | 13.4 | 9.9 | 14.8 | 18.2 | 18.3 | 20.8 | 20.4 | 19.4 | 20.6 | 16.5 | 18.1 | 19.4 | | |
| Inglewood Forest | | | | 17.6 | 16.6 | 18.5 | 17.3 | | | | | | | | | | | | | | | | | | | 20.0 | 19.4 | 18.8 | 19.2 | 14.4 | 15.1 | 17.4 | | | | |
| Oakey Aero | 17.6 | +1.0 | 8 | 18.2 | 17.7 | 18.1 | 18.0 | 16.5 | 17.9 | 18.6 | 19.3 | 17.8 | 19.4 | 21.6 | 17.9 | 17.0 | 17.6 | 17.4 | 17.2 | 18.8 | 17.5 | 16.1 | 15.6 | 7.9 | 15.4 | 17.8 | 20.1 | 19.9 | 19.2 | 19.1 | 19.1 | 16.6 | 14.6 | 16.7 | | |
| Stanthorpe Leslie Parade | 15.1 | +0.9 | 9 | 15.2 | 14.8 | 15.8 | 15.2 | 13.4 | 16.0 | 15.7 | 16.9 | 16.1 | 18.2 | 19.0 | 16.7 | 11.0 | 17.0 | 14.7 | 15.2 | 14.6 | 14.7 | 14.5 | 13.4 | 4.5 | 14.1 | 14.6 | 17.1 | 17.5 | 17.5 | 16.5 | 16.7 | 13.6 | 12.5 | 14.1 | | |
| Texas Post Office | 17.7 | +0.5 | 6 | 17.6 | 17.4 | 18.7 | 17.8 | 17.2 | 17.9 | 17.2 | 17.2 | 18.1 | 21.6 | 22.1 | 18.7 | 16.6 | 17.5 | 16.1 | 19.4 | 18.0 | 18.2 | 17.5 | 14.9 | 8.3 | 14.4 | 18.4 | 19.4 | 21.3 | 20.3 | 20.2 | 19.2 | 14.7 | 15.4 | 17.8 | | |
| Toowoomba Airport | 16.5 | -0.2 | 3 | 16.5 | 15.6 | 16.4 | 15.9 | 14.9 | 17.1 | 17.2 | 17.8 | 18.0 | 18.7 | 20.1 | 16.4 | 17.5 | | | | | | | | | | | | | | | | | | | | |

Daily and total rainfall for December 2010

Total is the total precipitation for December 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 December. **Decile** is the decile rank of total precipitation for December 2010 in the climate record of other December totals; "L" indicates this is the lowest on record, and "H" it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as ". ". When a reading was accumulated over more than one day, "»" is shown on the days that are part of the accumulation.

| North Peninsula (27) | | Total | Avg | Decile | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
|---------------------------|-------|-------|-----|--------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|---|---|
| Coconut Island | 320.2 | 152 | 8 | 16.0 | 14.6 | . | 9.4 | 0.2 | . | . | . | . | 10.8 | . | 5.6 | 29.6 | 0.2 | 12.6 | 80.4 | 4.2 | 2.2 | 30.8 | . | 51.8 | 0.2 | . | 0.2 | 30.8 | 4.2 | 0.6 | 0.2 | . | 8.8 | . | 6.8 | | |
| Coen Airport | 323.8 | 130 | H | 6.8 | 15.8 | 31.4 | 3.4 | 14.8 | . | . | . | . | . | 0.2 | . | . | . | . | . | . | 1.2 | 8.4 | 0.8 | 7.8 | 0.2 | 45.0 | 35.2 | 27.2 | 22.8 | 2.4 | 11.6 | 3.8 | 6.8 | 34.6 | 0.8 | | |
| Highbury Station | 240.0 | 159 | 9 | . | . | 18.0 | . | . | . | . | . | . | . | . | 80.0 | 2.2 | 72.4 | 13.8 | 3.4 | 7.4 | . | . | . | . | . | . | 2.0 | 14.2 | 1.2 | . | 3.4 | 3.2 | 1.4 | 16.4 | . | . | |
| Horn Island | 381.6 | 207 | 9 | 0.4 | 0.6 | 1.2 | 16.8 | . | 24.0 | 0.2 | 1.2 | 56.2 | 0.4 | 16.0 | 0.2 | 2.8 | 0.6 | 39.6 | 27.2 | 2.0 | 18.6 | 2.8 | 33.0 | 2.6 | 40.6 | 18.8 | 4.0 | 25.4 | 18.2 | 4.2 | 1.8 | 17.8 | 0.2 | 4.2 | . | . | |
| Merluna | 319.2 | 226 | 9 | 31.2 | 8.0 | 6.6 | . | . | . | . | . | . | . | 17.4 | 11.2 | 3.4 | 4.8 | 20.6 | 2.2 | 3.0 | 1.2 | 12.6 | 9.4 | 4.2 | 30.0 | 27.2 | 2.4 | 73.2 | 14.6 | 4.0 | 14.2 | 15.0 | 2.8 | . | . | | |
| Moreton Telegraph Station | 235.4 | 197 | 7 | 5.5 | . | . | . | 46.0 | 7.0 | . | 1.8 | . | . | . | . | 10.0 | 9.0 | 27.0 | 1.0 | 1.5 | . | . | . | . | . | 4.2 | 4.0 | . | 9.2 | 4.4 | 26.6 | 3.5 | 11.0 | 4.5 | 10.6 | . | . |
| Piccaniny Plains Station | 461.1 | 203 | H | 54.5 | 0.5 | 49.2 | 5.6 | 24.2 | . | . | . | . | . | 0.4 | 8.2 | 5.0 | 49.2 | 0.8 | . | 6.2 | . | 4.2 | 2.5 | 14.6 | 83.0 | 40.6 | 17.2 | 19.0 | 16.2 | 5.2 | 6.2 | 12.2 | 36.4 | . | . | | |
| Scherger RAAF | 379.0 | . | . | 9.4 | 22.6 | 2.2 | 35.0 | 15.4 | 0.2 | . | 9.6 | 0.2 | 8.8 | 11.0 | 0.2 | 4.2 | 23.4 | . | 0.8 | 1.4 | 4.4 | . | 57.6 | 13.0 | 13.4 | 55.4 | 20.8 | 26.6 | 11.0 | 11.0 | 15.2 | 0.6 | 5.6 | . | . | | |
| Southwell Station | 387.4 | 220 | H | . | 26.0 | . | 1.4 | 5.6 | 4.2 | 1.0 | . | . | 47.0 | 10.0 | . | 6.8 | 5.2 | . | 38.8 | 3.6 | . | . | 5.0 | 14.0 | 37.0 | 26.0 | 15.8 | 2.6 | 86.8 | 33.6 | 2.8 | 13.0 | 1.2 | . | . | | |
| Weipa Aero | 452.8 | 290 | 9 | 0.2 | . | 3.8 | . | 15.0 | 0.2 | 18.2 | 0.2 | 11.0 | . | 30.2 | 52.6 | 5.0 | 2.0 | 5.4 | 3.0 | 0.4 | . | 1.0 | 30.6 | 46.2 | 20.2 | 7.4 | 45.8 | 10.8 | 64.6 | 23.2 | 32.6 | 11.2 | . | 12.0 | . | . | |
| South Peninsula (28) | | Total | Avg | Decile | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| Laura Post Office | 410.4 | 149 | H | » | 126.4 | . | 13.0 | . | . | . | . | . | . | 13.0 | 9.0 | » | 59.0 | 3.0 | 47.8 | . | . | . | . | . | . | 46.8 | » | 50.0 | . | » | 28.4 | . | 14.0 | . | . | | |
| Musgrave | 378.6 | 180 | 10 | . | 32.0 | . | . | . | . | . | 3.8 | 20.0 | . | 6.4 | . | 8.6 | 2.0 | 27.0 | . | . | . | . | 56.8 | . | 27.6 | 107.0 | 2.2 | 0.4 | 0.8 | . | 11.0 | . | 8.0 | 65.0 | . | . | |
| Palmerville | 238.6 | 159 | 9 | 9.8 | 3.0 | 15.2 | 2.6 | 0.2 | . | . | 1.0 | 0.6 | 12.8 | 3.6 | 7.6 | 0.4 | 16.2 | . | 1.6 | 0.2 | 23.2 | . | . | . | 61.4 | 36.2 | 0.2 | . | 2.0 | 32.0 | 1.4 | 0.4 | 6.8 | 0.2 | . | . | |
| Wrotham Park | | | | 38.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lower Carpentaria (29) | | Total | Avg | Decile | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| Burketown Airport | 237.2 | 77 | H | . | . | . | . | . | . | . | . | 13.2 | . | 0.8 | 23.8 | . | . | . | . | . | 8.2 | 30.6 | 0.4 | 34.2 | 42.8 | 28.8 | . | 4.2 | 17.0 | 6.4 | 0.4 | 0.2 | 16.0 | 7.4 | 2.8 | . | |
| Burketown Post Office | 279.2 | 117 | 10 | . | . | . | . | . | . | . | 14.6 | . | . | 0.8 | 28.2 | . | . | 0.6 | . | 10.2 | 31.0 | 0.6 | 52.4 | 41.0 | 32.8 | . | 4.0 | 2.6 | 20.6 | 3.4 | 1.2 | 1.6 | 29.0 | 8.2 | . | . | |
| Century Mine | 140.0 | . | . | . | . | . | . | . | . | 1.6 | 0.2 | . | 0.2 | 2.0 | 3.8 | . | . | . | . | . | . | 44.4 | 4.8 | 28.6 | . | 0.2 | 6.0 | 10.6 | 0.2 | 0.4 | 1.2 | . | 32.8 | 3.0 | . | . | |
| Cloncurry Airport | 163.6 | 82 | 8 | . | . | . | . | . | . | . | 34.2 | 0.4 | 7.6 | 15.0 | . | . | . | . | 2.4 | 3.2 | 49.2 | . | . | . | . | 17.0 | 5.8 | . | » | 0.4 | 2.8 | . | 22.0 | 3.6 | . | . | |
| Cloncurry McIlwraith St | 196.8 | 69 | 10 | . | . | . | . | . | . | . | 48.4 | 1.0 | 18.6 | 10.8 | . | . | . | . | . | . | . | 1.8 | 58.0 | . | . | . | 22.0 | . | » | 5.6 | 0.6 | . | 30.0 | . | . | | |
| Croydon Township | 281.6 | 116 | 10 | . | . | . | . | 13.6 | 26.2 | . | . | 2.2 | 2.4 | 34.6 | 3.2 | . | . | . | . | . | . | . | . | 55.0 | 4.2 | 0.4 | 1.4 | . | 3.0 | . | 31.8 | 16.0 | 65.8 | 16.8 | 5.0 | . | |
| Emeralda Station | 213.5 | 107 | 10 | . | 4.0 | . | . | 59.0 | . | 1.0 | 1.0 | 29.0 | 1.5 | 7.0 | . | . | 11.0 | . | . | . | . | . | 20.0 | 5.0 | . | . | 3.0 | . | 39.0 | 10.0 | . | 11.0 | 9.0 | 3.0 | . | . | |
| Fort Constantine Station | 46.0 | 67 | 5 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 46.0 | . | . | . | . | . | . | . | . | | |
| Gereta Station | 188.2 | 78 | 9 | . | . | . | . | . | . | 51.0 | . | 9.8 | 47.0 | 8.4 | . | . | . | . | . | . | 2.4 | 10.0 | 30.4 | 2.2 | . | . | . | 4.6 | . | . | 1.0 | 8.4 | . | 10.0 | 3.0 | . | |
| Herbert Vale | 82.1 | 83 | 7 | . | . | . | . | . | . | . | 4.2 | . | . | . | . | . | . | . | . | . | . | . | 9.4 | 15.1 | 33.0 | . | . | . | . | . | . | . | . | 15.4 | 5.0 | . | |
| Julia Creek Airport | 153.2 | 52 | H | . | . | . | . | . | . | 0.2 | . | 31.0 | 32.6 | 2.8 | . | . | . | . | . | . | . | 17.8 | 23.6 | . | . | 10.0 | 33.0 | . | . | 1.8 | . | 0.2 | 0.2 | . | . | | |
| Lake Julius | 198.4 | . | . | . | . | . | . | . | . | 47.0 | . | 19.0 | 8.0 | 29.0 | 1.0 | . | . | . | . | . | . | . | 6.0 | 2.0 | 28.0 | 5.2 | . | . | 8.4 | . | . | 20.0 | 23.8 | 1.0 | . | . | |
| Lands End Station | 257.0 | 63 | 10 | . | . | . | . | . | . | . | 4.6 | . | 40.6 | . | . | . | . | 0.6 | . | 3.6 | 31.2 | 55.0 | 0.8 | 2.6 | . | 73.2 | . | . | . | . | 20.0 | 23.8 | 1.0 | . | . | | |
| Lorraine | 189.1 | 91 | 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 17.1 | . | 15.2 | . | . | . | 8.0 | . | 16.6 | 36.0 | 5.6 | 35.0 | . | . | |
| Miranda Downs Station | 299.8 | 121 | 10 | . | . | . | . | . | . | 36.0 | . | 47.0 | 29.0 | 31.4 | 8.0 | 8.5 | . | 2.0 | 8.0 | . | 4.0 | 22.0 | 25.0 | . | . | . | 10.5 | 17.0 | 38.4 | 13.0 | . | 15.0 | 38.4 | 13.0 | . | . | |
| Mornington Island | 282.2 | 158 | 9 | . | . | . | . | . | . | . | 0.4 | 1.4 | . | 0.2 | . | . | 1.8 | 6.0 | 31.6 | 2.4 | . | 50.6 | 36.2 | 32.6 | 13.4 | 33.4 | . | 25.8 | 2.6 | 35.6 | 8.0 | 0.2 | . | . | . | . | |
| Mount Isa Aero | 90.8 | 70 | 7 | . | . | . | . | 27.2 | . | . | 9.2 | 10.0 | 3.8 | 2.6 | . | . | . | . | . | . | . | 2.0 | 25.6 | . | . | . | . | 8.4 | . | . | . | 2.0 | . | . | . | . | |
| Mount Isa Mine | 57.8 | 61 | 6 | . | . | . | . | 5.0 | . | 3.8 | 10.8 | 0.8 | 14.2 | . | . | . | . | . | . | . | . | 2.0 | 17.6 | . | . | . | . | 1.0 | 1.8 | . | . | . | 0.2 | 0.6 | . | . | |
| Nardoo Station | 209.6 | 93 | 10 | . | . | . | . | . | . | . | 8.4 | 13.0 | 8.5 | . | . | . | . | . | 20.0 | . | 19.0 | 15.2 | 55.5 | . | . | . | 15.0 | 13.0 | . | 7.0 | 30.0 | 5.0 | . | . | . | . | |
| Normanton Airport | 359.8 | 138 | H | . | . | . | . | . | 1.2 | . | 0.2 | . | 5.6 | 29.0 | . | 0.4 | 5.0 | 0.2 | 5.4 | 1.4 | 94.2 | 14.6 | 11.4 | 2.6 | 7.4 | 20.2 | 9.2 | 27.4 | 5.6 | 100.8 | 18.0 | . | . | . | . | . | |
| Sweers Island | 448.0 | 173 | H | . | . | . | . | . | . | . | 42.0 | 12.0 | . | 40.0 | . | . | 1.0 | 9.0 | 11.0 | 0.5 | 23.0 | 116.0 | 74.0 | . | 5.0 | 11.0 | 8.0 | 60.5 | 3.0 | 17.0 | 12.0 | 3.0 | . | . | . | . | |
| Upper Carpentaria (30) | | Total | Avg | Decile | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| Chillagoe | 279.8 | 141 | 9 | . | . | 7.6 | . | . | . | 48.6 | 0.2 | 0.2 | 2.2 | . | 32.0 | 14.0 | 16.0 | 36.2 | 11.4 | . | . | . | . | 0.4 | 24.2 | 16.4 | 3.8 | . | 20.0 | 32.0 | 4.6 | 3.8 | 3.6 | 2.6 | . | . | |
| Forsyth Caravan Park | 342.0 | 129 | 10 | . | . | . | . | . | . | 28.0 | . | . | 39.0 | 66.4 | . | . | . | 3.0 | . | . | . | . | 16.0 | 5.4 | 75.0 | 33.0 | . | . | 39.0 | 14.0 | 4.0 | 12.4 | 6.8 | . | . | . | |
| Georgetown Airport | 193.0 | . | . | . | . | . | . | 0.8 | 31.6 | . | . | . | 16.0 | 40.0 | . | . | . | . | . | . | . | . | 11.2 | 2.4 | 5.8 | 13.6 | . | . | 12.6 | 36.0 | 9.2 | 13.4 | 0.4 | . | . | . | |
| Gilberton | 268.0 | 108 | 10 | . | . | 20.2 | . | . | 20.0 | 46.0 | 1.6 | . | . | . | 27.2 | . | . | . | . | 15.4 | . | . | . | 4.6 | 45.6 | . | . | 48.0 | . | 29.2 | 7.2 | 3.0 | . | . | . | | |
| Green Hills | 262.4 | 120 | 9 | » | 1.8 | . | . | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Daily and total rainfall for December 2010

Total is the total precipitation for December 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 December. **Decile** is the decile rank of total precipitation for December 2010 in the climate record of other December totals; "L" indicates this is the lowest on record, and "H" it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as ".". When a reading was accumulated over more than one day, "»" is shown on the days that are part of the accumulation.

| Moreton South Coast (40) | Total | Avg | Decile | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
|--------------------------------------|-------|-----|--------|------|------|------|------|------|------|------|------|------|-----|------|-------|-------|-----|------|-------|------|------|-------|------|------|------|------|------|------|-------|-------|------|------|------|-------|-------|---|
| Alderley | 442.4 | 137 | 10 | 4.0 | 38.4 | 4.2 | 3.4 | 4.0 | 2.6 | 7.0 | 19.0 | . | . | . | 80.6 | 3.0 | . | 0.2 | 4.0 | 18.2 | . | 4.6 | 53.4 | . | 0.2 | 14.4 | . | 39.2 | 7.6 | 60.2 | 35.0 | 2.0 | . | . | | |
| Amberley AMO | 368.2 | 123 | 10 | 4.4 | 9.8 | 1.2 | 1.8 | 2.0 | 3.0 | 16.2 | 5.8 | . | . | 0.2 | 22.0 | 0.2 | . | 2.4 | 12.8 | 36.0 | . | 13.2 | 42.6 | . | 18.4 | 0.2 | 57.0 | 11.6 | 66.6 | 22.8 | . | . | . | . | | |
| Archerfield Airport | 354.6 | 129 | 10 | 1.4 | 26.2 | 1.2 | 5.0 | 28.4 | 1.4 | 8.0 | 5.0 | . | . | . | 10.4 | . | 0.2 | . | 0.2 | 43.6 | . | 6.6 | 58.0 | . | 11.4 | . | 58.4 | 8.4 | 57.6 | 22.8 | 0.4 | . | . | . | | |
| Beaudesert Cryna | 313.8 | 120 | 10 | 2.8 | 11.2 | » | 7.4 | » | 34.4 | 4.6 | 3.4 | 0.4 | » | 12.2 | . | . | . | 5.2 | » | 21.6 | 4.0 | 5.4 | 34.0 | . | 8.4 | » | 32.0 | 21.4 | 79.2 | 26.2 | . | . | . | . | | |
| Beaudesert Drumley Street | 275.6 | | | 0.2 | 5.6 | 1.2 | 1.6 | 17.6 | 11.6 | 4.6 | 2.2 | 1.6 | » | 0.6 | 2.6 | . | . | 12.8 | 14.0 | 19.6 | 4.6 | 3.2 | 35.2 | . | 8.2 | 0.4 | 43.2 | 29.0 | 56.0 | . | . | . | . | | | |
| Beerburum Forest Station | 531.4 | 161 | 10 | 6.2 | 52.2 | 0.6 | 9.4 | 15.0 | 70.8 | 24.0 | 9.8 | 0.6 | . | » | 75.8 | 9.4 | . | . | . | . | . | . | . | . | . | 0.6 | 56.2 | 4.6 | 26.4 | 8.4 | 22.2 | 39.8 | 23.4 | 1.2 | . | |
| Biggenden Post Office | 576.4 | 124 | H | 0.9 | 40.9 | 6.1 | 14.3 | » | » | 16.6 | 6.9 | 5.4 | 4.6 | » | 101.0 | . | . | 0.2 | 1.1 | 32.1 | 4.9 | 34.1 | 43.8 | . | » | 46.0 | 0.9 | » | » | » | » | » | » | » | 216.6 | . |
| Blackbutt Post Office | 288.9 | 110 | 10 | 2.2 | 28.7 | 1.0 | 3.8 | 6.6 | 1.8 | 1.0 | 4.0 | 6.8 | 0.2 | 0.2 | 22.4 | 6.2 | . | 0.8 | 14.2 | 8.8 | 1.2 | 59.6 | 0.2 | . | 8.0 | 15.6 | 13.2 | 14.4 | 34.6 | 29.0 | 4.2 | 0.2 | . | . | . | |
| Boondall | 433.6 | 136 | H | 1.4 | 70.2 | 5.0 | 2.0 | 28.8 | 5.8 | 14.2 | 2.4 | . | . | » | 47.2 | 7.4 | . | 0.6 | 3.2 | 27.0 | 2.6 | 4.4 | 46.6 | . | 17.2 | . | 36.6 | 7.2 | 56.0 | 43.6 | 4.2 | . | . | . | | |
| Borumba Dam | 485.2 | 158 | 10 | 3.6 | 34.8 | 4.2 | 10.0 | 58.4 | 20.6 | 4.2 | 33.0 | 5.8 | . | » | 65.8 | 29.6 | . | 0.4 | . | 7.2 | 9.2 | 61.2 | . | . | 9.8 | 0.2 | 22.2 | 12.2 | 23.2 | 38.0 | 31.6 | . | . | . | | |
| Brian Pastures | 485.3 | 108 | H | 4.2 | 46.4 | . | 7.6 | . | 0.5 | 27.5 | 0.8 | 1.2 | 0.2 | . | 53.8 | 2.2 | . | 3.0 | 20.8 | 21.6 | 3.2 | 27.0 | 34.4 | . | 52.6 | 0.5 | 5.0 | » | 58.2 | 105.0 | 9.6 | . | . | . | | |
| Brisbane Aero | 499.4 | 143 | H | 0.4 | 61.8 | 0.4 | 2.6 | 72.2 | 12.4 | 12.4 | 4.2 | . | . | » | 76.2 | 6.0 | . | 0.6 | 3.6 | 29.8 | 0.2 | 7.6 | 43.0 | . | 0.6 | 13.8 | . | 38.6 | 5.0 | 55.8 | 49.8 | 2.6 | . | . | . | |
| Brisbane Botanic Gardens Mt Coot-Tha | 419.6 | | | 5.4 | 37.8 | 2.4 | 2.2 | 33.0 | 3.2 | 20.0 | 6.2 | . | . | » | 0.6 | 36.6 | 2.0 | . | 2.8 | 41.0 | . | 8.0 | 64.8 | . | 17.8 | . | 31.8 | 8.0 | 62.6 | 31.4 | 2.0 | . | . | . | | |
| Brisbane RPA Hospital | 462.6 | 142 | H | 7.0 | 60.4 | 1.6 | » | » | » | » | 59.6 | . | . | » | » | 52.0 | . | . | » | 49.2 | . | » | 62.6 | . | 12.6 | » | » | » | » | » | » | » | » | 157.6 | . | |
| Bromfield | 479.8 | 158 | H | 3.8 | 58.6 | 1.2 | 0.2 | 50.6 | 0.8 | 8.4 | 5.4 | . | . | » | 80.4 | 1.6 | . | 0.2 | 0.6 | 47.6 | . | 9.8 | 57.4 | . | 12.8 | 0.2 | 36.2 | 8.8 | 60.2 | 34.0 | 1.0 | . | . | . | | |
| Broomfield | 326.2 | 180 | H | » | 7.6 | 2.6 | » | » | » | 34.6 | 18.4 | 22.6 | 0.2 | . | » | 2.6 | 0.2 | . | 16.0 | 3.0 | » | » | 42.0 | . | 10.2 | 0.8 | » | » | » | » | » | » | » | 165.4 | . | |
| Brooweena Lahey St | 637.4 | 122 | H | 1.6 | 14.0 | 7.4 | 8.6 | 3.4 | . | 5.0 | . | . | 3.6 | . | 90.0 | 33.4 | . | 17.6 | 110.0 | . | 6.0 | 44.0 | 49.2 | . | 9.0 | 42.0 | . | 14.8 | 11.0 | 47.4 | 86.4 | 33.0 | . | . | . | |
| Buaraba | 292.6 | 120 | 10 | 5.2 | 24.0 | 1.0 | 6.0 | 36.0 | 11.0 | 1.4 | . | . | 1.5 | . | 6.5 | . | . | . | 27.0 | . | . | 45.0 | . | . | 30.0 | 8.0 | 6.0 | 11.0 | 57.0 | 16.0 | . | . | . | . | | |
| Caltex Refineries (QLD) Ltd | 552.5 | 135 | H | 1.4 | 58.2 | 0.4 | 13.0 | 19.4 | 74.0 | 4.5 | 12.8 | . | . | » | 102.8 | 6.8 | . | 1.5 | 22.4 | 32.2 | . | 6.1 | 46.0 | . | 1.3 | 14.4 | 0.8 | 38.6 | 6.2 | 44.3 | 42.8 | 2.5 | 0.1 | . | . | |
| Canungra Finch Road | 363.0 | 130 | 10 | 6.0 | 6.0 | 4.0 | 8.0 | 38.0 | 17.0 | 13.0 | 15.0 | . | . | » | 10.0 | . | . | 3.0 | 3.0 | 7.0 | 5.0 | 3.0 | 37.0 | . | 14.0 | . | 48.0 | 29.0 | 66.0 | 31.0 | . | . | . | . | | |
| Capalaba Water Treat | 515.2 | 135 | H | 0.8 | 25.2 | 0.4 | 1.8 | 65.6 | 36.4 | 31.2 | 8.6 | 1.8 | . | » | 62.4 | 1.6 | . | 1.0 | 14.6 | 17.8 | 0.2 | 3.2 | 57.6 | . | 14.2 | 0.6 | 54.0 | 7.8 | 70.0 | 37.0 | 1.4 | . | . | . | | |
| Cap Moreton Lighthouse | 375.8 | 129 | H | » | 22.0 | . | 0.4 | 84.0 | 7.0 | 4.8 | . | . | » | 37.0 | 30.8 | 0.6 | . | 2.8 | 9.0 | 6.8 | 8.8 | 53.0 | . | 1.8 | 38.6 | 4.0 | 3.8 | 13.2 | 36.2 | 5.6 | 1.8 | . | . | . | | |
| Clontarf | 448.8 | 140 | H | 3.6 | 60.4 | 1.0 | 2.8 | 17.8 | 10.8 | 43.6 | 1.4 | . | . | » | 47.6 | 7.4 | . | 1.0 | 27.4 | 26.0 | 1.0 | 57.8 | . | 1.2 | 18.6 | 0.6 | 27.2 | 7.4 | 28.2 | 46.2 | 7.8 | 2.0 | . | . | | |
| Coolangatta | 493.8 | 153 | H | 4.0 | 7.4 | 1.2 | 6.2 | 8.6 | 22.2 | 40.8 | 38.4 | 1.8 | . | » | 16.0 | . | . | 2.0 | 3.0 | . | 5.6 | 13.4 | 1.6 | 38.6 | . | 11.2 | 3.2 | 98.8 | 15.6 | 89.2 | 64.8 | 0.2 | . | . | | |
| Coorera Foxwell Road | 556.0 | 149 | H | » | 5.0 | 7.0 | 5.0 | 34.0 | » | 76.0 | » | 7.0 | . | » | 45.0 | . | . | » | 20.0 | 18.0 | 4.0 | 66.0 | . | . | 15.2 | 2.0 | 53.5 | 43.0 | 95.0 | 60.0 | . | . | . | . | | |
| Cooroy Composite | 559.5 | 163 | H | 7.0 | 30.4 | 4.7 | 5.9 | » | » | 80.2 | 32.4 | . | 0.7 | » | 50.0 | 29.8 | . | . | 14.3 | 26.5 | 27.0 | 45.8 | . | 6.6 | 10.4 | 4.5 | » | 68.3 | 50.0 | 51.0 | 14.0 | . | . | . | | |
| Coors Nest | 307.1 | 107 | 10 | 7.8 | 15.6 | 2.4 | 7.8 | 34.8 | 9.2 | 1.6 | 13.0 | 2.8 | 0.8 | . | 1.2 | 7.6 | 0.8 | . | 0.4 | 24.8 | 14.6 | . | 53.2 | . | 16.2 | 14.4 | 3.6 | 8.4 | 57.1 | 7.4 | 1.6 | . | . | . | | |
| Darlington | 276.6 | 135 | 10 | 11.2 | 10.4 | 0.4 | 6.0 | 16.0 | 4.0 | 6.0 | 6.2 | 0.4 | 0.2 | . | 9.0 | . | . | 2.8 | . | 10.0 | 3.6 | 34.8 | . | 3.6 | . | 16.4 | 15.6 | 75.8 | . | » | 44.2 | . | . | . | | |
| Double Island Point Lighthouse | 340.4 | 131 | 10 | 2.8 | 3.2 | . | 3.2 | 12.6 | 1.8 | 4.0 | 0.2 | . | . | » | 6.2 | 71.2 | . | . | 50.6 | 0.2 | 7.4 | 29.6 | 0.2 | 5.2 | 43.4 | 2.0 | 17.4 | 7.4 | 23.2 | 31.0 | 17.4 | . | 0.2 | . | | |
| Dunollie | 393.2 | 95 | H | 8.8 | 14.4 | 1.2 | 9.8 | 2.4 | . | 10.4 | . | . | . | » | 48.0 | . | . | . | . | 50.6 | 2.4 | 40.4 | . | 63.4 | . | 2.4 | 16.0 | 45.8 | 50.4 | 20.4 | . | . | . | . | | |
| Eerwah Vale | 608.2 | | | 4.8 | 28.6 | 8.4 | 11.2 | 68.6 | 30.2 | 7.8 | 22.4 | 1.2 | 1.2 | . | 70.0 | 28.8 | . | . | » | 46.6 | 49.2 | 62.8 | . | 7.2 | 7.8 | 2.2 | 25.2 | 10.6 | 30.2 | 38.4 | 44.2 | 0.6 | . | . | | |
| Embreys Bridge | 248.2 | 107 | H | » | 25.2 | 12.2 | 5.0 | 11.8 | . | . | . | . | 8.6 | . | 41.6 | 2.2 | . | . | 17.6 | 2.2 | . | 27.2 | 4.2 | . | 19.0 | 45.0 | 20.2 | 4.2 | . | . | . | . | . | | | |
| Esk Post Office | 279.2 | 119 | 10 | 3.6 | 12.2 | 1.4 | 4.2 | 26.2 | 2.6 | 1.6 | 4.6 | 1.0 | . | » | 7.4 | 1.8 | . | 4.8 | . | 36.4 | 11.0 | . | 50.2 | . | 23.8 | 1.2 | . | 6.2 | 21.2 | 1.6 | . | . | . | . | | |
| Eumundi - Crescent Rd | 615.8 | 166 | H | 10.4 | 46.0 | 3.4 | 5.6 | 35.0 | 29.8 | 50.0 | 12.0 | 1.2 | 0.4 | » | 54.2 | 30.2 | 0.6 | . | 18.2 | 16.4 | 38.2 | 57.4 | . | 4.8 | 21.0 | 4.6 | 24.6 | 10.6 | 37.0 | 46.2 | 57.0 | 1.0 | . | . | . | |
| Fernvale - Burns St | 287.4 | | | 0.4 | 15.2 | 3.2 | 1.4 | 14.4 | 5.8 | 5.8 | 5.0 | . | . | » | 8.6 | 1.2 | . | 17.2 | . | 27.2 | . | 4.8 | 43.4 | . | 23.4 | . | 18.2 | 12.8 | 49.2 | 30.2 | . | . | . | . | | |
| Gatton Allan Street | 120.8 | 102 | 7 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 12.6 | . | 18.8 | 0.4 | 7.6 | 34.8 | . | 43.2 | 0.8 | . | . | . | . | 2.2 | 0.4 | . | | |
| Godwin Beach | 529.0 | | | 1.0 | 47.8 | 2.8 | 7.6 | 7.8 | 14.8 | 17.8 | 4.6 | 0.6 | . | » | 115.4 | 10.0 | 0.4 | . | 37.4 | 10.4 | 2.2 | 104.0 | . | 0.4 | 23.6 | 2.6 | 16.2 | 9.8 | 20.0 | 55.6 | 14.6 | 2.4 | . | . | . | |
| Gold Coast Seaway | 490.4 | 145 | H | 1.4 | 5.4 | 4.4 | 6.2 | 23.8 | 22.8 | 48.6 | 2.4 | . | . | » | 45.8 | 0.4 | 0.6 | 0.8 | . | 2.0 | 1.4 | 2.2 | 53.0 | . | 18.6 | 4.2 | 71.0 | 17.4 | 112.2 | 45.4 | 0.4 | . | . | . | | |
| Goomboorian | 570.0 | 147 | 10 | 2.0 | 6.5 | 8.5 | 5.0 | 27.0 | 24.5 | 5.0 | 13.0 | . | 0.5 | » | 32.0 | 101.0 | . | . | 19.0 | 44.0 | 4.0 | 52.0 | 55.0 | . | 4.5 | 1.5 | 2.0 | 11.5 | 5.0 | 19.5 | 85.0 | 42.0 | . | . | | |
| Greenbank Thompson Road | 365.6 | 138 | 10 | 2.0 | 37.2 | 3.8 | 2.2 | 22.4 | 2.6 | 20.6 | 5.0 | 2.4 | . | | | | | | | | | | | | | | | | | | | | | | | |

Daily and total rainfall for December 2010

Total is the total precipitation for December 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 December. **Decile** is the decile rank of total precipitation for December 2010 in the climate record of other December totals; "L" indicates this is the lowest on record, and "H" it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as ". ". When a reading was accumulated over more than one day, "»" is shown on the days that are part of the accumulation.

| | | Total | Avg | Decile | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | |
|----------------------------------|--------------|------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|------|------|------|-----|-------|------|--|
| Toombul Bowls Club | 438.0 | 133 | 10 | | 51.4 | 2.8 | 1.6 | » | 28.2 | 16.0 | 15.2 | | | » | 74.0 | 7.0 | | | 2.0 | 21.0 | | » | 58.2 | | | » | 18.6 | | | » | 48.0 | | » | 90.6 | 3.4 | | | | | | | |
| Tuan Creek Forest Stn | 533.2 | 138 | H | 4.2 | 11.2 | 2.6 | | | » | 31.8 | 2.0 | 1.6 | | 0.2 | 1.4 | | | | | | | | | | | | 8.2 | 6.6 | 0.4 | 27.0 | 10.8 | 24.4 | 109.0 | 58.4 | 0.4 | | | | | | | |
| University of Queensland Gatton | 317.0 | 100 | H | 5.6 | 12.2 | 3.8 | 2.2 | 33.4 | 3.4 | 18.8 | 5.8 | | | | 12.2 | | | | 11.0 | | 20.6 | 0.8 | 9.2 | 40.4 | | | » | 38.6 | 3.2 | 10.0 | 11.2 | 59.4 | 11.4 | 3.8 | | | | | | | | |
| Wivenhoe Dam | 230.4 | 108 | H | 3.8 | 21.0 | 0.4 | 2.2 | 18.0 | 2.4 | 2.6 | 4.6 | | | | 5.4 | 0.4 | | | | | | | | | | | » | 27.6 | | | » | 46.8 | | | » | 19.4 | 0.4 | 8.0 | 8.6 | 40.4 | 18.4 | |
| Woodford Stanmore | 635.0 | 170 | H | 13.2 | 47.8 | 2.6 | 10.4 | 28.2 | 46.4 | 20.8 | 46.4 | 3.6 | | | » | 86.8 | 14.8 | | | | 54.8 | 26.4 | 4.8 | 88.8 | | | » | 16.8 | 2.6 | 17.8 | 11.8 | 29.0 | 41.0 | 20.2 | | | | | | | | |
| Woolooga | 453.4 | 134 | H | 3.0 | 39.0 | 13.0 | 9.4 | 8.8 | 5.2 | 4.8 | 10.4 | 2.0 | | | » | 49.0 | 52.6 | | | | 28.4 | 2.2 | 16.0 | 61.2 | | | » | 2.6 | 8.2 | | 7.4 | 14.2 | 27.0 | 52.8 | 36.2 | | | | | | | |
| Yarraman Post Office | 332.2 | 110 | 10 | 2.0 | 24.6 | 4.2 | » | » | 32.0 | 0.8 | 7.2 | 7.0 | | | » | » | 31.0 | | | 11.0 | 12.0 | » | » | 76.4 | | | » | 11.4 | 16.6 | | | | | | | | » | 96.0 | | | | |
| East Darling Downs (41) | Total | Avg | Decile | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | | |
| Applethorpe | 212.2 | 98 | 10 | 1.0 | 5.8 | 3.0 | 10.6 | 7.8 | 1.8 | 0.2 | 0.6 | 0.2 | | » | 20.0 | 27.8 | 0.6 | | 1.0 | 34.0 | | 0.6 | 11.2 | | | » | 10.0 | 1.6 | 2.0 | 6.8 | 39.8 | 25.6 | | | 0.2 | | | | | | | |
| Ballandean Post Office | 147.2 | 102 | 9 | | 6.4 | 0.4 | | | » | 21.6 | | | | | » | 48.6 | | | 5.0 | 15.0 | 17.4 | | | | | | | | | | | | | | | | 23.0 | | | | | |
| Beardy Junction | 134.0 | 106 | 7 | 2.2 | 24.8 | 6.4 | 3.4 | 14.2 | 28.8 | | | | | » | 9.0 | 16.0 | | | | | | | | | | | | » | 13.4 | | | » | 6.6 | | | » | 2.0 | | 1.2 | 6.0 | | |
| Beruna | 324.8 | 85 | H | 4.6 | 9.0 | 4.0 | 6.6 | 30.0 | | 1.4 | | | | | » | 26.4 | 2.0 | | | | 18.0 | 10.4 | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | |
| Cambooya Post Office | 325.6 | 101 | H | 6.0 | 6.0 | 0.4 | » | » | 42.6 | | 1.0 | | | | » | » | 25.8 | | | 20.2 | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | |
| Chinchilla Water Treatment Plant | 313.7 | 92 | 10 | 11.6 | 3.8 | 7.0 | 4.8 | 23.4 | | | | | | » | 39.1 | 16.0 | | | | 2.6 | 17.8 | 19.2 | 2.4 | 27.6 | | | » | 8.6 | 3.8 | 6.0 | 11.0 | 88.8 | 20.2 | | | | | | | | | |
| Clifton Post Office | 359.0 | 97 | H | 7.0 | 4.8 | | » | » | 25.4 | 14.0 | | | | | » | » | 26.0 | | | | | | | | | | | » | 53.6 | | | » | 15.0 | 1.0 | | | | | » | 173.0 | | |
| Cooby Creek Dam | 285.0 | 97 | H | 5.0 | 4.4 | 0.4 | 2.4 | 39.2 | 24.0 | 0.8 | 0.8 | 0.6 | | | » | 0.8 | 13.0 | 0.4 | | | 25.2 | 7.6 | 4.6 | 47.0 | | | » | 11.0 | 8.2 | 2.0 | 7.6 | 55.2 | 24.8 | | | | | | | | | |
| Coolmunda Dam | 164.4 | 82 | 10 | 0.4 | 24.0 | 0.8 | 5.4 | 11.2 | 24.6 | 16.6 | | | | » | 0.8 | 22.0 | 3.0 | | | | 16.6 | | 0.2 | 8.0 | | | » | 0.6 | 4.4 | 0.6 | 2.0 | 16.8 | 6.4 | | | | | | | | | |
| Dalby Airport | 247.4 | 106 | H | 0.2 | 10.0 | 1.6 | 3.8 | 42.4 | 1.8 | 0.8 | | | | | » | 9.2 | 2.8 | 0.8 | | | 6.6 | » | 7.8 | 34.2 | | | » | 6.2 | 2.0 | 0.2 | 7.8 | 67.0 | 34.0 | | | | | | | | | |
| Dalveen | 232.2 | 108 | 10 | 1.4 | 12.6 | 2.0 | 8.4 | 1.2 | | 0.8 | 2.2 | | | » | 34.4 | 34.8 | 0.2 | | | 11.0 | | 18.6 | | | | | » | 10.4 | | | » | 8.6 | 1.8 | 2.6 | 11.0 | 42.0 | 27.8 | 0.4 | | | | |
| Dunmore State Forest | 109.2 | 98 | 7 | | 17.2 | 8.5 | | | » | 52.5 | 8.0 | | | | » | » | 23.0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ellangowan | 300.2 | 98 | H | 2.2 | 2.2 | | 3.4 | 8.0 | 11.6 | | | | | » | 13.6 | 51.0 | | | 6.0 | | 2.2 | 30.4 | 2.6 | 6.4 | 40.0 | | | » | 2.0 | | | » | 13.6 | 47.4 | 57.6 | | | | | | | |
| Felton | 364.0 | 110 | H | 4.8 | 1.2 | 0.6 | 2.0 | 12.4 | 2.8 | 0.6 | 2.2 | | | » | 11.8 | 14.0 | 2.0 | | | | 24.4 | 1.0 | 10.0 | 38.0 | | | » | 5.6 | | 3.2 | 9.0 | 144.0 | 74.4 | | | | | | | | | |
| Glenelg | 158.5 | 86 | 10 | 2.2 | | 0.8 | 3.0 | 37.0 | 3.1 | 0.8 | | | | | » | 8.4 | 23.6 | 0.2 | | | 23.4 | 2.2 | | | | | » | 0.8 | 0.5 | 4.4 | 4.8 | 28.5 | 14.8 | | | | | | | | | |
| Glenlyon Dam | 149.8 | 104 | 9 | 0.4 | 9.4 | 3.8 | 1.8 | 21.4 | | 6.8 | | | | » | 35.6 | 19.0 | | | | 5.4 | | 18.8 | | | | | » | 6.0 | | 2.0 | 6.2 | | 3.2 | 10.0 | | | | | | | | |
| Goondiwindi Airport | 113.5 | 84 | 8 | 9.2 | 0.2 | 0.2 | 12.8 | 3.2 | 5.0 | 8.0 | | | | » | 26.6 | 10.2 | | | | 0.4 | 1.8 | | 0.6 | 8.0 | | | » | 7.4 | 2.6 | | 4.7 | 11.6 | 1.0 | | | | | | | | | |
| Haden Post Office | 327.0 | 104 | 10 | 6.0 | 7.0 | 3.0 | 3.0 | 18.0 | 30.0 | 1.5 | 6.5 | 0.5 | | » | 8.0 | 14.0 | | | | 3.0 | | 1.9 | 26.0 | 7.0 | 51.5 | | | » | 34.0 | 7.0 | | 12.0 | | 7.0 | | | | | | | | |
| Inglewood Forest | 49.0 | 107 | L | 1.2 | 17.2 | 1.6 | 3.4 | | | | | | | | » | » | 26.8 | | | | 20.4 | | » | 8.8 | | | » | 2.2 | | | 0.6 | 4.0 | 19.0 | 2.0 | | | | | | | | |
| Inglewood Post Office | 58.2 | 81 | 4 | | | | | | | | | | | | » | » | 26.8 | | | | 20.4 | | » | 8.8 | | | » | 2.2 | | | 0.6 | 4.0 | 19.0 | 2.0 | | | | | | | | |
| Jandowae Post Office | 376.6 | 97 | H | 1.0 | 24.8 | 2.0 | 4.8 | 20.6 | 14.4 | 27.6 | 4.2 | | | » | 4.8 | 2.4 | | | | 23.6 | 22.6 | 10.4 | 2.2 | 48.6 | | | » | 25.6 | 5.6 | | 13.4 | 94.2 | 23.6 | | 0.2 | | | | | | | |
| Jondaryan Post Office | 279.6 | 88 | H | | 5.6 | 2.4 | 3.2 | 27.0 | 2.4 | | | | | » | 4.4 | 34.0 | | | | 15.4 | 4.4 | 11.4 | 5.0 | 52.2 | | | » | 4.0 | | | 6.4 | 64.8 | 37.0 | | | | | | | | | |
| Killarney Post Office | 267.4 | 93 | 10 | 3.2 | 13.6 | 0.6 | » | 30.6 | 0.6 | 0.8 | 1.0 | | | » | 4.4 | 20.0 | | | | | 16.4 | | | | | | » | 23.8 | 3.6 | 4.4 | » | » | » | » | » | » | » | » | » | » | » | |
| Leyburn Post Office | 300.3 | 87 | H | | 4.5 | | 5.0 | 10.0 | 14.0 | 7.2 | | | | » | 9.0 | 15.0 | | | 46.0 | 3.0 | 2.0 | 29.5 | 1.5 | 5.5 | 27.5 | | | » | 4.2 | 1.2 | 0.8 | 6.6 | 60.2 | 47.6 | | | | | | | | |
| Loudoun Bridge | 264.0 | 104 | H | 15.0 | | | » | » | 51.0 | | | | | | » | » | 18.0 | | | | | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | » | |
| Macalister | 306.4 | 96 | H | | 20.0 | 5.4 | 4.2 | 29.2 | 0.2 | 49.2 | | | | » | 21.0 | 3.6 | | | | | 5.0 | 18.4 | 7.6 | 27.0 | | | » | 7.2 | 2.2 | | 7.2 | 71.0 | 28.0 | | | | | | | | | |
| Maryvale | 407.8 | 118 | H | 3.4 | 9.6 | 1.2 | 5.2 | 38.8 | 1.8 | 4.0 | 4.0 | | | » | 5.4 | 41.4 | | | 0.2 | | 11.6 | 9.2 | 6.2 | 34.2 | | | » | 37.8 | 2.4 | 6.4 | 12.2 | 98.0 | 74.8 | | | | | | | | | |
| Millmerran Post Office | 325.0 | 88 | H | 4.0 | 8.0 | 3.0 | 6.0 | 43.0 | 12.0 | 7.0 | | | | » | 10.5 | 18.0 | | | | | 10.0 | | | 42.0 | | | » | 5.0 | 3.0 | 5.0 | 6.0 | 97.0 | 50.0 | | | | | | | | | |
| Mt Kynoch | 484.0 | 143 | H | 8.6 | 36.2 | 5.2 | 13.0 | 60.2 | 17.2 | 8.0 | 15.8 | 0.2 | | » | 56.0 | | | | | 0.6 | | 48.0 | 3.8 | 10.6 | 39.0 | | | » | 13.8 | 2.2 | 5.2 | 18.0 | 82.0 | 39.8 | 0.6 | | | | | | | |
| Oakey Aero | 304.2 | 97 | H | 3.4 | 8.4 | 1.0 | 2.2 | 65.0 | 1.4 | | | | | » | 3.4 | 23.6 | 0.2 | | 0.2 | | 16.6 | 10.8 | 13.4 | 41.2 | | | » | 3.6 | 2.4 | | 7.8 | 67 | | | | | | | | | | |

Daily and total rainfall for December 2010

Total is the total precipitation for December 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 December. **Decile** is the decile rank of total precipitation for December 2010 in the climate record of other December totals; "L" indicates this is the lowest on record, and "H" it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as ". ". When a reading was accumulated over more than one day, "»" is shown on the days that are part of the accumulation.

| Warrego (44) | Total | Avg | Decile | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
|---------------------------|--------------|------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| Augathella Post Office | 145.3 | 62 | 10 | 0.3 | 1.6 | 9.8 | | | | 29.4 | | 21.8 | 1.0 | | | | | | | | 9.4 | 16.8 | | | | | | 18.4 | 36.8 | | | | | | |
| Bayswater | 153.0 | 89 | 9 | | 2.5 | 8.5 | | | | 37.0 | | 28.0 | | | | | | | | | | 22.0 | 2.0 | | | | | | | | | | | | |
| Bogarella | 202.0 | 77 | 10 | | | | | | 19.0 | | | 42.0 | | | | | | | | | 24.0 | 32.0 | 27.0 | | | | | | | | | | | | |
| Bolton Mary St | 93.5 | 53 | 9 | 0.4 | 8.0 | 7.6 | 26.3 | 5.4 | 0.6 | | | 0.4 | 22.9 | 3.6 | | | | | | | | | | | | | | | | | | | | | |
| Charleville Aero | | | | | | | 13.2 | 0.2 | | | 23.0 | | 6.0 | 21.0 | 1.6 | | | | | | | | | | | | | | | | | | | 9.8 | |
| Cowley Station | 92.0 | 44 | 9 | | | 42.0 | | | | | | | 50.0 | | | | | | | | | | | | | | | | | | | | | | |
| Cunnamulla Post Office | 33.8 | 40 | 6 | | 8.2 | 5.2 | 2.4 | | 0.2 | 0.8 | 5.4 | 7.6 | | | | | | | | | | 2.0 | 2.0 | | | | | | | | | | | | |
| Derbyshire Downs | 320.8 | | | 1.8 | 69.0 | 3.4 | | | | 16.0 | | | 21.0 | 27.0 | | | | | | | | 52.4 | 39.4 | 33.6 | | | | | | | | | 9.0 | 48.2 | |
| Glenorie | 62.4 | 52 | 7 | | 10.8 | | 7.0 | | | | 2.8 | | 9.0 | | | | | | | | | 7.2 | | | | | | | | | | | | | |
| Hungerford | 54.0 | 29 | 9 | | | | | | | 5.0 | 45.8 | | | | | | | | | | | 3.2 | | | | | | | | | | | | | |
| Kenilworth | 109.7 | 54 | 9 | | 14.9 | 16.0 | 14.4 | | | | | | 43.2 | 3.6 | | | | | | | | 2.2 | | | | | | 15.4 | | | | | | | |
| Lochinvar | 130.0 | 71 | 9 | | 8.0 | 7.0 | | | | | 14.0 | | 8.0 | 3.0 | | | | | | | | 31.0 | | | | | | | | | | | | 8.0 | 51.0 |
| Morven Post Office | 119.2 | 68 | 9 | | 7.2 | 6.0 | 3.6 | | | 19.2 | | | | 9.0 | | | | | | | | 22.6 | 4.0 | | | | | 0.4 | 35.2 | 12.0 | | | | | |
| Mulga Downs | 71.4 | 43 | 9 | | 7.0 | 27.6 | 4.4 | | | | | 30.0 | | | | | | | | | | 2.2 | 0.2 | | | | | | | | | | | | |
| Mungallala | 183.2 | 66 | 10 | | 12.8 | 2.6 | 11.6 | 5.6 | 0.2 | 14.0 | | 2.0 | 7.0 | 3.6 | | | | | | | | 36.6 | 30.0 | | | | | 34.2 | 23.0 | | | | | | |
| Nindigully | 75.4 | 62 | 7 | 9.0 | | 24.2 | 12.4 | | | | | 6.4 | 1.0 | 1.0 | | | | | | | 1.6 | | 3.0 | | | | | | | | | | | 16.8 | |
| Rocky | 39.5 | 45 | 6 | | 9.0 | 4.0 | | | | 3.0 | 8.0 | | 2.0 | | | | | | | | | 3.5 | | | | | | 1.0 | 9.0 | | | | | | |
| Rosehill | 69.0 | 51 | 8 | 9.4 | 0.6 | 23.6 | 5.6 | 3.4 | | | | 11.6 | 2.6 | 0.2 | | | | | | | | 0.6 | 1.0 | | | | 0.6 | 5.2 | 4.6 | | | | | | |
| South Plains | 40.8 | 49 | 7 | 4.0 | | 25.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wallen | 25.0 | 36 | 5 | | | | | | | | | 25.0 | | | | | | | | | | | | | | | | | | | | | | | |
| Warilda | 142.8 | 66 | H | | | 24.4 | | | | 16.8 | | 31.0 | 15.8 | | | | | | | | | 15.6 | | | | | | 32.0 | 7.2 | | | | | | |
| Wetlands | 205.0 | 78 | H | | | 60.0 | | | | | | 19.0 | 11.0 | | | | | | | | | 26.0 | 16.0 | 21.0 | | | | | | | | | | 52.0 | |
| Whyenbah | 72.2 | 48 | 8 | | | 18.2 | 23.0 | | | | | 14.0 | 2.4 | | | | | | | | | 1.0 | 0.8 | | | | | 1.0 | 11.8 | | | | | | |
| Woodlands | 80.5 | 57 | 8 | 0.6 | | 5.6 | 20.0 | | | | | | 3.5 | 10.0 | | | | | 1.2 | 0.6 | | 6.0 | | | | | | | | | | | 33.0 | | |
| Far Southwest (45) | Total | Avg | Decile | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| Eromanga - Webber St | 82.0 | 27 | 10 | | | | | | | 7.0 | 17.0 | 40.0 | | | | | | | | | | 7.0 | | | | | | | | | | | | | 11.0 |
| Nappa Merrie | 49.0 | 16 | 9 | | | | | | | | 40.0 | 9.0 | | | | | | | | | | | | | | | | | | | | | | | |
| Orientos Station | 38.8 | 16 | 9 | | | | | | | 5.8 | 1.8 | 15.0 | | | | | | | | | | 16.2 | | | | | | | | | | | | | |
| Quilpie Airport | 69.2 | 34 | 9 | 29.0 | | 2.0 | | | | 9.0 | 4.2 | 16.0 | | | | | | | | | | 9.0 | | | | | | | | | | | | | |
| South Comongin | 85.7 | 36 | 10 | | 0.1 | 20.0 | | | | 6.4 | 42.0 | 11.4 | | | | | | | | | | 5.8 | | | | | | | | | | | | | |
| Tallyabra | 31.4 | 29 | 7 | | | 1.4 | | | | 1.8 | 12.6 | 11.0 | | | | | | | | | | 4.6 | | | | | | | | | | | | | |
| Thargomindah Airport | 31.4 | 28 | 7 | | | | | | | 10.6 | 1.4 | 9.8 | | | | | | | | | | 8.0 | | | | | | | | | | | | | 0.4 |