

Monthly Weather Review

Queensland

January 2011



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:

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

Enquiries about this January 2011 issue of the *Monthly Weather Review - Queensland* should be directed to the Queensland Regional Climate Services Manager on (07) 3239 8660

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.

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Cover photograph

Beaudesert Road, in the southern Brisbane suburb of Salisbury cut by major flooding in January 2011.

Photograph by Stephen Michael Butler, 12 January 2011. 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

Note

This *Monthly Weather Review* has essentially the same information as the Queensland January Monthly Climate Statement previously published on the Bureau of Meteorology's web site on 1 February 2011. It has been updated with information that has become available since, which means there are some differences to the earlier product.

The data used to produce this *Monthly Weather Review* was recorded at stations operated by the Bureau of Meteorology and other agencies, from whom permission has been obtained for the use of their data.

Special Climate Statement 24 (SCS 24) titled *Frequent heavy rain events in late 2010/early 2011 lead to widespread flooding across eastern Australia* contains further information on some topics and is available on the Bureau's web site. It was first issued on 7 January 2011 and updated on 25 January 2011.

- High rainfall totals in the southeast and parts of the far west, Cape York Peninsula and the Upper Carpentaria
- Widespread flooding continued
- There was a major rain event from the 10th to the 12th of January in southeast Queensland
- TC Anthony crossed the coast near Bowen on the 30th of January
- The Brisbane Tropical Cyclone Warning Centre (TCWC) took over responsibility for TC Yasi on the 31st of January
- There were 30 high daily rainfall and 40 high January total rainfall records of those stations with at least 20 years of record.
- Queensland's area-averaged mean maximum temperature for January was 0.37 °C lower than average

January total rainfall was very much above average (decile 10) over parts of the Far Southwest district, the far west, Cape York Peninsula, the Upper Carpentaria, the Darling Downs and most of the Moreton South Coast district, with some places receiving their highest rainfall on record.

The current La Niña event, which is one of the strongest on record (see SCS 24, page 3), has contributed to the extremely wet period experienced in Queensland from late November 2010 to mid January 2011 (see SCS 24, page 6 and Fig. 2). La Niña events are normally associated with higher than average winter, spring and early summer rainfall over much of Australia. Indeed, Queensland had its wettest spring on record in 2010 and its wettest December on record.

This extremely wet period from late November 2010 to mid January 2011 contributed to widespread flooding of many Queensland rivers. During the second week of January severe flooding (including river and flash flooding) occurred in Brisbane and nearby areas of southeast Queensland. For more information see SCS 24, pages 7, 8 and 9.

Sixteen January daily rainfall records occurred in the Moreton South Coast district between the 10th and 12th of January (at stations with more than twenty five years of data), five of which were also all-time daily rainfall records, and seven January daily rainfall records occurred in the East Darling Downs district on the 11th. Queensland's area-averaged mean maximum temperature for January was 0.37 °C lower than average (based on data since 1950). During La Niña events, summer daytime temperatures are often below average, particularly in areas experiencing excess rainfall.

Extremes in January 2011

Hottest day (Highest daily maximum temperature)
47.4 °C at Birdsville Airport on the 27th
Warmest days on average (Highest mean daily maximum temperature)
40.7 °C at Bedourie Police Station
Coolest days on average (Lowest mean daily maximum temperature)
25.5 °C at Applethorpe
Coldest day (Lowest daily maximum temperature)
18.2 °C at Applethorpe on the 6th
Coldest night (Lowest daily minimum temperature)
12.1 °C at Applethorpe on the 24th
Coolest nights on average (Lowest mean daily minimum temperature)
15.7 °C at Applethorpe
Warmest nights on average (Highest mean daily minimum temperature)
26.9 °C at Birdsville Airport, 26.4 °C at Sweers Island
Warmest night (Highest daily minimum temperature)
31.8 °C at Thargomindah Airport on the 28th
Warmest on average overall (Highest mean temperature)
33.7 °C at Birdsville Airport
Coolest on average overall (Lowest mean temperature)
20.6 °C at Applethorpe
Wettest overall (Highest total rainfall)
993.6 mm at Bellenden Ker Top Stn
Driest overall (Lowest total rainfall)
1.0 mm at Quilpeta
Wettest day (Highest daily rainfall)
381.0 mm at Plevna Alert on the 31st
350.0 mm at Maleny Denning Rd on the 10th
Highest wind gust
128 km/h at Hamilton Island Airport on the 30th

Significant weather

TC Vania

TC Vania formed in the Fijian area of responsibility and was named on Wednesday the 12th of January. It remained outside the Australian area of responsibility but caused swells to increase about the southeast Queensland coast between the 15th and 17th.

TC Zelia

TC Zelia formed in the northern Coral Sea and was named on Friday the 14th of January. It moved away from the Queensland coast in a generally southeasterly direction. Responsibility for Severe Tropical Cyclone Zelia was transferred to RSMC Nadi on Sunday the 16th of January as it moved into the Fijian area of responsibility.

TC Anthony

TC Anthony formed in the western Coral Sea and was named on Sunday the 23rd of January. It initially moved away from the Queensland coast and weakened below tropical cyclone strength during the afternoon of the 25th of January, then began to move in a generally northwesterly direction. At 12 pm on the 28th of January Ex-TC Anthony was renamed. It began to move west/southwest on the 29th and crossed the coast near Bowen just before 10 pm on the 30th as a category 2 cyclone. A wind gust of 128 km/h was recorded at Hamilton Island Airport at 8:11 pm on the 30th. Bands of heavy rain affected the Central Coast and northern Coalfields. The heaviest rainfalls occurred about the Pioneer River catchment. Minor flooding occurred on the Don River and minor to moderate flooding on the Pioneer River.

TC Yasi

TC Yasi formed in the Fijian area of responsibility near the end of January and moved west with the Brisbane TCWC taking over responsibility for it at about midnight on the 31st of January. Yasi had significant impact on Queensland during early February.

Flooding

The extremely wet period from late November 2010 to mid January 2011 contributed to widespread flooding of many Queensland rivers. During the second week of January severe flooding (including river and flash flooding) occurred in Brisbane and nearby areas of southeast Queensland. For more information see SCS 24, pages 7, 8 and 9.

Synoptic summary

At the beginning of the month a high pressure system in the Tasman Sea extended a ridge along the east Queensland coast. Showers occurred along the east coast, becoming scattered about the Northern Tropical Coast. The monsoon trough through Torres Strait strengthened a little and showers and thunderstorms occurred over much of the tropics. The ridge along the east coast weakened on the 2nd, allowing the monsoon trough to slip southwards onto Cape York Peninsula. On the 2nd and 3rd, showers and thunderstorms occurred about eastern and northern districts and to the east of a trough over the far southwest of the state. On the 3rd, a deep mid-level depression and surface circulation off the southeast Queensland coast drifted south-southeasterly with freshening southeasterly winds about the southeast coast. Showers and thunderstorms occurred across much of the state on the 4th.

Conditions cleared in the southwest on the 5th, while showers and isolated thunderstorms occurred in the high levels of instability ahead of the surface trough. The trough intensified as it moved slowly east and thundery rain areas with some heavy falls developed in the afternoon. An approaching upper level trough increased instability over the southern Queensland interior and occasional thunderstorms developing through the central and southern interior in the afternoon. Thunderstorm cells merged into thundery rain areas with moderate to heavy falls by evening as far north as the southern Central Highlands and Coalfields, spreading east during the evening and overnight.

On the 6th, an upper level low developed over the southeastern interior of Queensland. Scattered showers and thunderstorms occurred to the east of a slow moving surface trough that extended from northwestern Queensland into the Darling Downs. Rain areas and thunderstorms increased through the Southeast Coast District and eastern parts of the Wide Bay and Burnett District during the afternoon, with some heavy falls.

The position of the upper level low close to Rockhampton and a low level trough near Bundaberg on the 7th resulted in a focus of heavy rainfall over the Wide Bay with thunderstorms. One of the higher daily rainfall totals recorded in Queensland during January by the Bureau's regular network was 304.0 mm over the Mary River catchment at Miva in the 24 hours to 9 am on the 8th. Thunderstorms also developed in the Capricornia and eastern parts of the Central Highlands. There were some moderate falls during the morning in the southeast as a band of rain and thunderstorms crossed. Wind speeds increased on the southern side of the low over southeast waters.

Heavy rain overnight weakened to showers and isolated thunderstorms before rain areas returned to

the Southeast Coast and Wide Bay and Burnett districts from the afternoon of the 8th and increased to moderate to heavy falls at times overnight.

On the 9th, the upper level and surface troughs moved towards the west. Heavy rain areas and thunderstorms occurred about northern and central parts of the Southeast Coast District, southern parts of the Wide Bay and Burnett District, and northeastern parts of the Darling Downs and Granite Belt district. In the 24 hours to 9 am on the 10th, Peachester recorded 298.0 mm and Maleny Tamarind St recorded 282.6 mm.

See SCS 24 (page 4 and a comparison with previous events on page 7) for further information about the major rain event that brought very heavy rain to southeast Queensland between the 10th and the 12th of January.

TC Vania formed in the Fijian area of responsibility and was named on the 12th of January.

On the 13th, a sharp surface trough was located over the west of the state and a deep northerly flow brought showers, thunderstorms and rain areas to the west and north of the state with some moderate to heavy falls. On the 14th, this trough moved a little further east with a band of very active showers and thunderstorms through western districts and the southern tropics. TC Zelia formed in the northern Coral Sea and was named on the 14th.

Showers and thunderstorms continued near and to the east of the surface trough located over western Queensland on the 15th, while ridging over southeastern and central parts of the state resulted in mostly fine conditions with only isolated showers near the coast and adjacent inland. The monsoon trough over Cape York Peninsula began creeping south on the 16th, with rain areas and thunderstorms occurring over the tropics. Isolated showers occurred along the east coast. Instability increased further west towards a weak surface trough and isolated afternoon showers and thunderstorms developed east of the trough on the 16th and 17th. Locally heavy activity occurred in the northwest of the state in a convergence zone.

By the 18th the monsoon trough was located at the northern end of the central coast with showers and thunderstorms to its north and some locally heavy falls. The surface trough extended from northwest Queensland to the southeast interior, with scattered showers and thunderstorms occurring to its east. Fine conditions occurred over most of the Channel Country and southwestern Maranoa and Warrego districts in the drier southerly flow. The monsoon trough began to move north on the 21st, contracting activity, and only isolated showers and thunderstorms occurred over the interior of the rest of the state as the surface trough moved west and weakened.

From the 22nd, a middle level ridge over western Queensland resulted in fine conditions over most of the state. The heavy rain and thunderstorms about the monsoon trough and over the northern tropics contracted to over Cape York Peninsula by the 23rd. TC Anthony was named on the 23rd. Daily maximum temperatures increased to up to 6 °C above average in the far southwest of the state in the northwesterly flow ahead of a very slow moving trough over South Australia on the 23rd and the hot conditions continued to spread northeast over the following days (see the maximum temperature section below for more details).

On the 27th isolated showers and thunderstorms developed near the surface trough over the west of the state. The trough weakened by the 30th and maximum temperatures were closer to average, within 2 °C of average over most of the southwest.

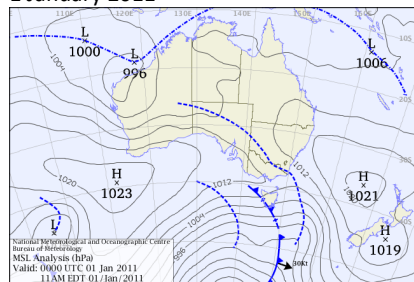
TC Anthony crossed the coast near Bowen on the 30th.

At the end of the month, major flooding extended along the Condamine-Balonne Rivers from Warkon to the NSW Border and minor to major flooding was occurring along the Weir River between Surrey and Jericho.

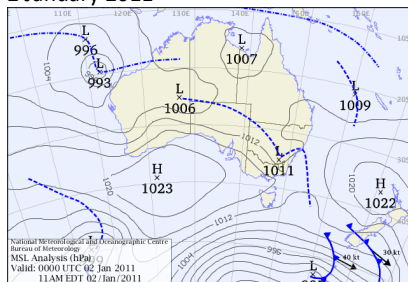
The Brisbane TCWC took over responsibility for TC Yasi at about midnight on the 31st of January.

Daily mean sea level pressure analyses

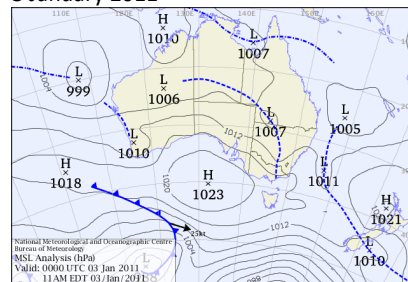
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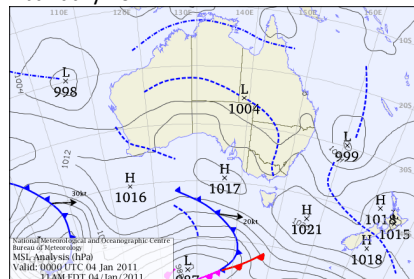
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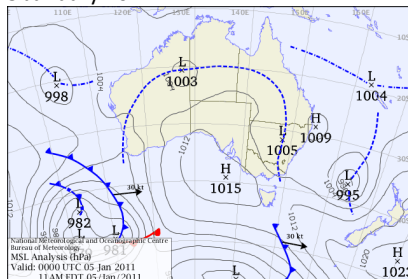
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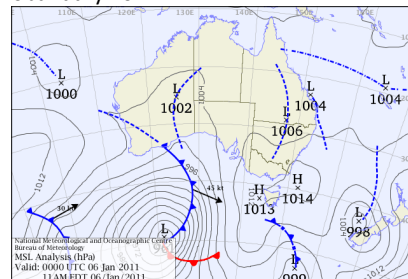
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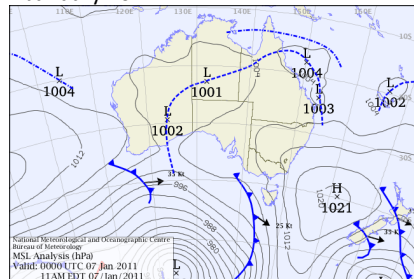
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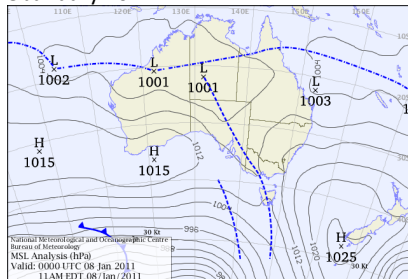
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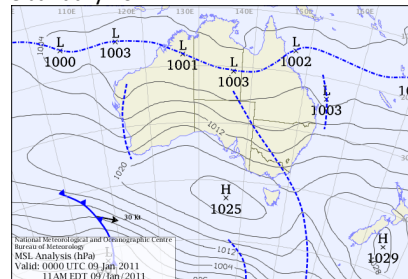
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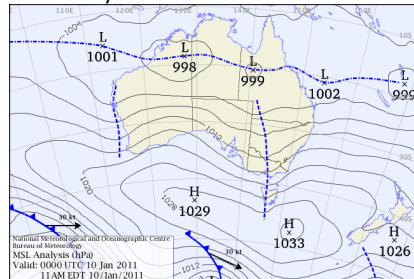
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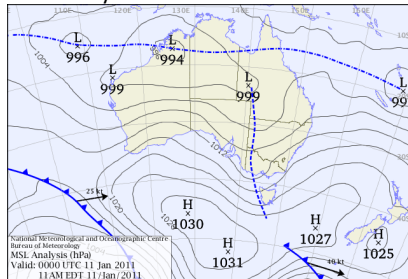
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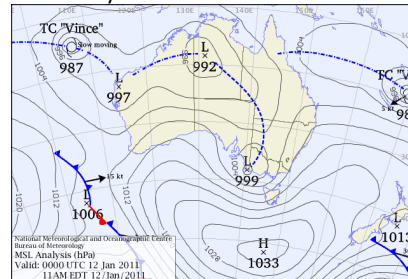
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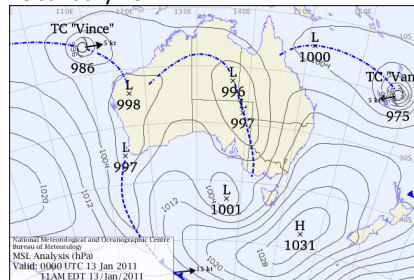
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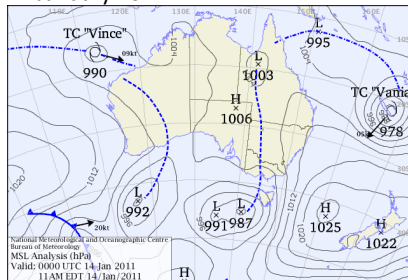
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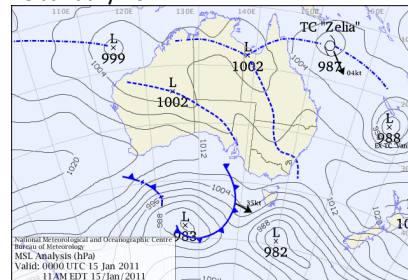
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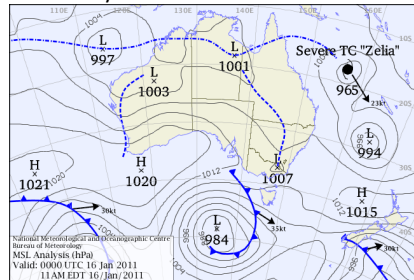
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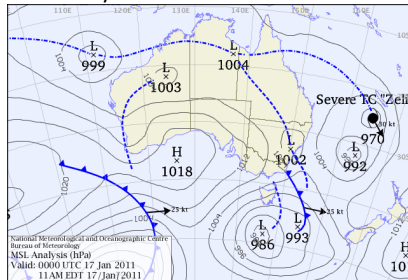
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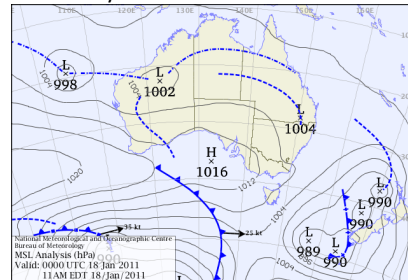
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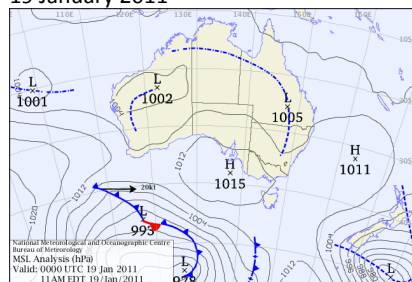
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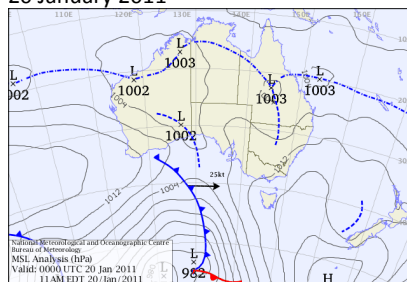
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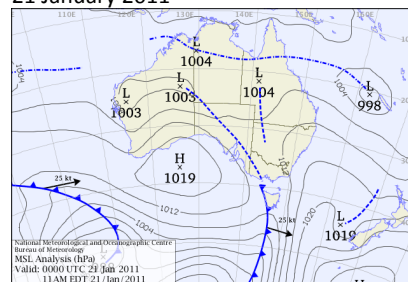
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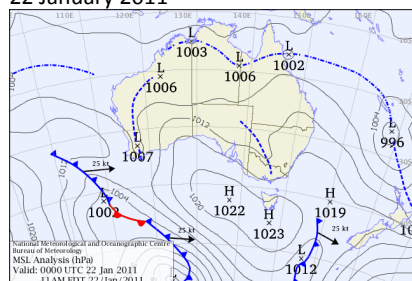
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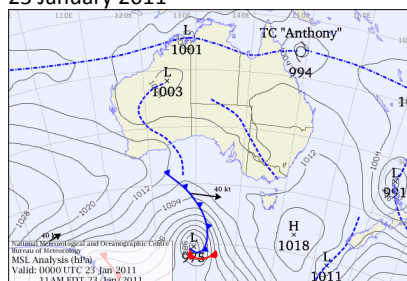
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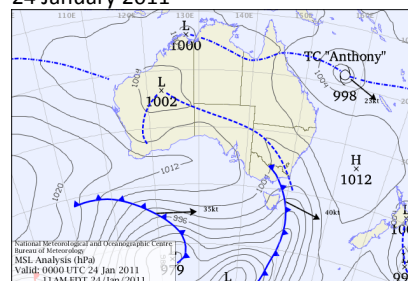
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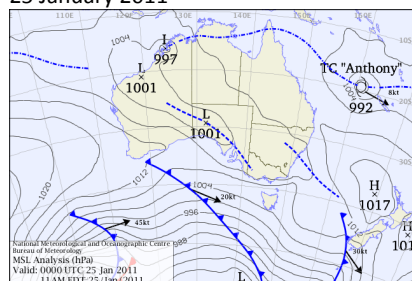
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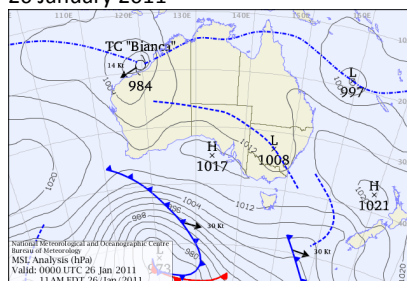
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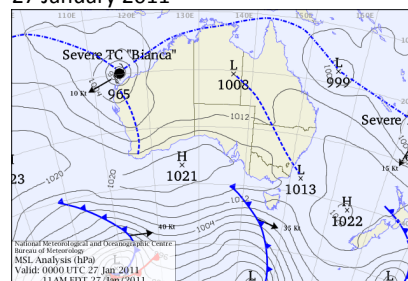
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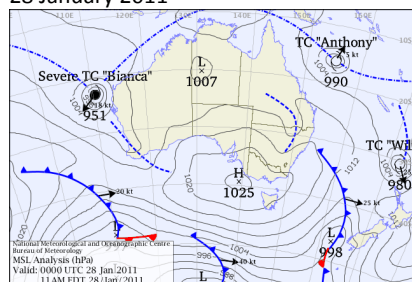
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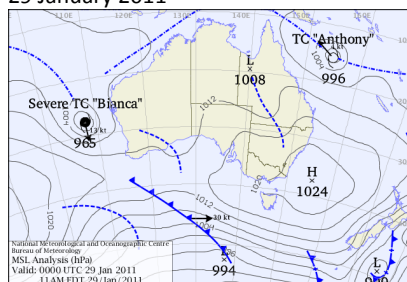
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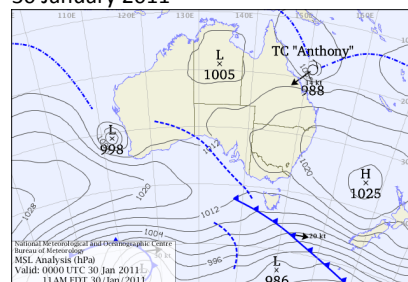
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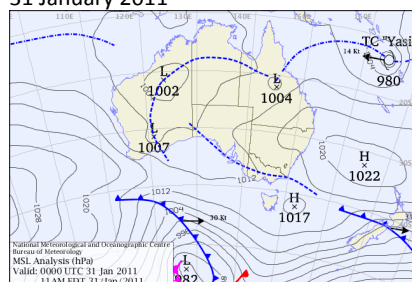
29 January 2011



30 January 2011



31 January 2011



Temperatures

The state-averaged mean temperature for January was 28.55°C, compared with the long-term average of 28.74 °C.

The warmest on average was Birdsville Airport with 33.7 °C, followed by Bedourie Police Station with 32.8 °C, followed by Boulia Airport with 32.2 °C.

The coolest on average was Applethorpe with 20.6 °C, followed by Stanthorpe Leslie Parade with 21.2 °C, followed by Jimna Forestry and Toowoomba Airport with 21.8 °C.

New temperature records

Lowest January mean maximum temperature for at least 20 years

	Observed this month	Most recent lower	Years since lower
Oakey Aero	29.1	= 29.1 in 1984	27

Lowest January mean minimum temperature for at least 20 years

	Observed this month	Most recent lower	Years since lower
Springsure Comet St	20.2	20.0 in 1986	24

Lowest January mean temperature for at least 20 years

	Observed this month	Most recent lower	Years since lower
Clermont Sirius St	26.5	25.5 in 1981	30

Maximum temperatures

The state-averaged mean maximum temperature for January was 34.43°C, compared with the long-term average of 34.80 °C.

Daily maximum temperatures were 6 to 8 °C above the January average over the southern Channel Country, Maranoa and Warrego and far southwestern Darling Downs on the 25th in the northwesterly airflow ahead of a slow-moving trough over South Australia. On the 26th, daily maximum temperatures reached 8 to 10 °C above the January average over large parts of the Maranoa and Warrego and southern Channel Country and over the far southwestern Darling Downs and Granite Belt as the trough approached the southwest Queensland border. A small area near the Queensland border was even more than 10 °C above average. On the 27th, daily maximum temperatures were 8 to 10 °C above the January average over large parts of the Channel Country and Maranoa and Warrego. Daily maximum temperatures were 8 to 10 °C above the January average over small parts of the far southwest Channel Country and Maranoa and Warrego on the 28th.

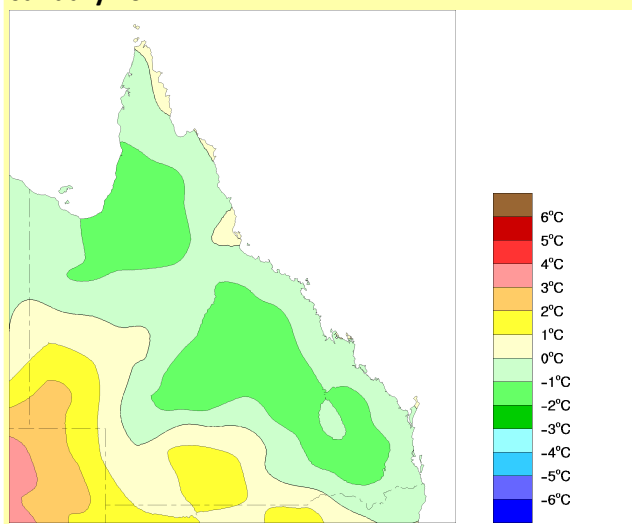
The highest daily maximum temperatures recorded in Queensland during January occurred on the 27th and 28th, with 47.4 °C at Birdsville Airport and 47.0 °C at Bedourie Police Station on the 27th, followed by 46.1 °C at Birdsville Airport on the 28th. Daily maximum temperatures were 4 to 6 °C above average over large parts of the west of the state on the 29th.

The warmest days on average were at Bedourie Police Station with 40.7 °C, followed by Birdsville Airport with 40.6 °C, followed by Urandangi with 39.4 °C.

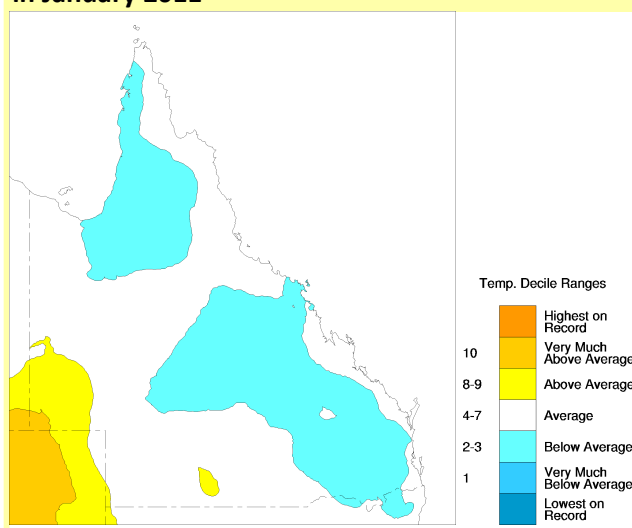
The coolest days on average were at Applethorpe with 25.5 °C, followed by Maleny Tamarind St with 25.6 °C, followed by Toowoomba Airport with 26.0 °C.

The coolest day was the 6th at Applethorpe with 18.2 °C, Stanthorpe Leslie Parade with 19.0 °C and Toowoomba Airport with 19.4 °C.

Anomalies of mean daily maximum temperature in January 2011



Decile rank of mean daily maximum temperature in January 2011



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 state-averaged mean minimum temperature for January was equal to the long-term average of 22.67 °C.

Daily minimum temperatures were 6 to 8 °C above the January average over the far southwestern Channel Country on the 25th in the northwesterly airflow ahead of a trough over South Australia, spreading to a large part of the southern Channel Country and a small part of the far southern Darling Downs and Granite Belt on the 26th as the trough approached the southwest Queensland border. This area extended northeast on the 27th and daily minimum temperatures were up to more than 8 °C above average over far southern border regions. On the 28th daily minimum temperatures were 6 to 8 °C above average over the far western Channel Country and parts of far southern interior and more than 8 °C above average over the far southwest. They were more than 6 °C above average over the far southwest on the 29th and 30th.

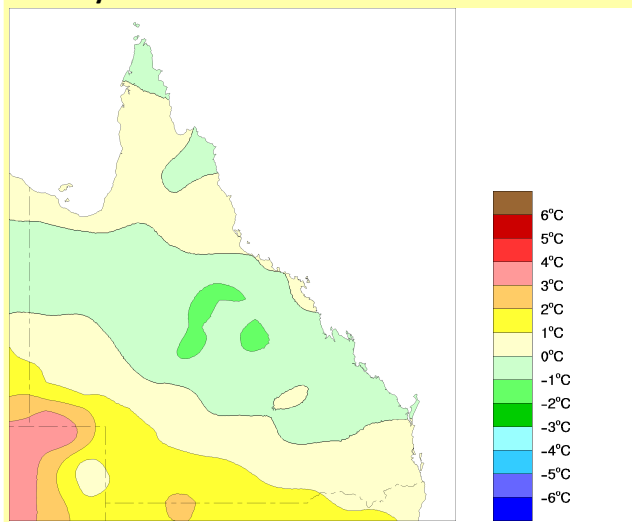
The coldest night was the 24th at Applethorpe with 12.1 °C and Stanthorpe Leslie Parade with 12.9 °C, followed by Applethorpe with 13.0 °C on the 15th.

The coolest nights on average were at Applethorpe with 15.7 °C, followed by Stanthorpe Leslie Parade with 16.2 °C, followed by Warwick with 17.3 °C.

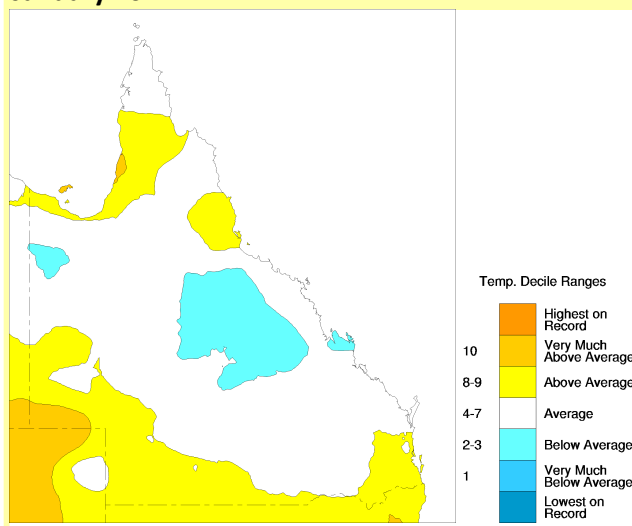
The warmest nights on average were at Birdsville Airport with 26.9 °C, followed by Sweers Island with 26.4 °C, followed by Mornington Island with 26.0 °C, followed by Coconut Island and Willis Island with 25.5 °C.

The warmest night was the 28th at Thargomindah Airport with 31.8 °C and Birdsville Airport with 31.5 °C on the 28th, followed by Birdsville Airport with 30.8 °C on the 8th.

Anomalies of mean daily minimum temperature in January 2011



Decile rank of mean daily minimum temperature in January 2011



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

The state-averaged Queensland rainfall total for January was 138.33 mm, compared with the long-term average of 126.59 mm.

January total rainfall was very much above average (decile 10) over parts of the Far Southwest district, the far west, Cape York Peninsula, the Upper Carpentaria, the Darling Downs and most of the Moreton South Coast district, with some places receiving their highest total January rainfall on record and some their highest total January rainfall for at least 20 years.

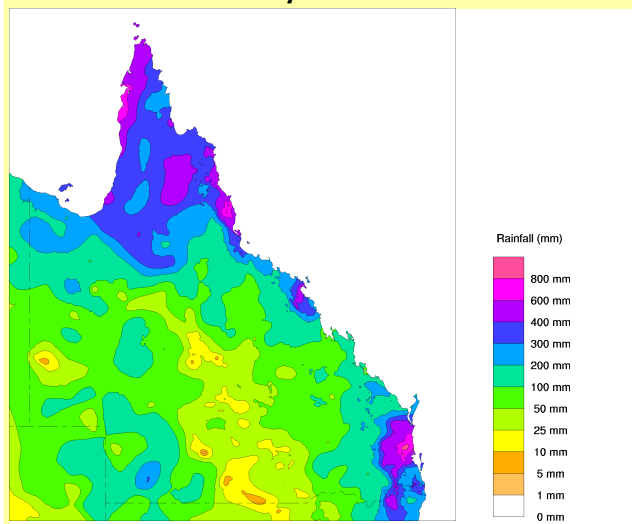
The highest January rainfall total recorded in Queensland was 993.6 mm at Bellenden Ker Top Stn in the Barron North Coast district, followed by Mt Glorious Alert-P with 987.0 mm in the Moreton South Coast district. Nanango Wills St, Lowood Don St and Theebine each had their highest January daily and monthly total rainfall totals in over 100 years of record.

Toorak Research Station, Mulga Downs and Richmond Post Office sites had their lowest total January rainfall for at least 20 years.

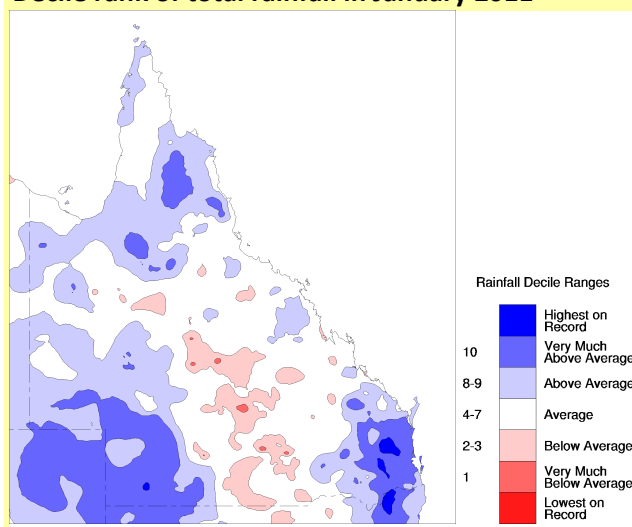
The wettest single day was at Plevna Alert with 381.0 mm on the 31st, followed by Maleny Denning Rd with 350.0 mm on the 10th, followed by Maleny Alert with 321.0 mm on the 10th.

The driest overall was Quilpeta with 1.0 mm.

Total rainfall in January 2011



Decile rank of total rainfall in January 2011



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

New rainfall records

Record highest January daily rainfall			
	New record	Old record	Years of record
Nanango Wills St	183.8 on the 11th	167.1 on the 20th in 1929	123
Lowood Don St	203.2 on the 12th	194.0 on the 27th in 1974	122
Crows Nest	162.4 on the 11th	142.4 on the 27th in 1974	119
Theebine	283.2 on the 8th	226.0 on the 27th in 1974	105
Bauple	225.2 on the 8th	195.6 on the 10th in 1898	103
Blackbutt Post Office	149.2 on the 10th	113.8 on the 27th in 1974	96
Peachester	298.0 on the 10th	265.0 on the 27th in 1974	94
Lindfield	257.0 on the 10th	179.8 on the 20th in 1929	84
Somerset Dam	192.0 on the 10th	186.2 on the 27th in 1974	75
Nobby Tooth St	110.7 on the 11th	97.8 on the 22nd in 1956	69
Navilloween	89.2 on the 11th	85.0 on the 27th in 1974	53
Teddington Waterworks	140.6 on the 8th	134.0 on the 1st in 2002	53
Spring Creek	200.0 on the 11th	98.0 on the 30th in 1998	52
Glenaven	150.2 on the 11th	137.6 on the 27th in 1974	50
Mirrabooka	110.4 on the 11th	76.4 on the 17th in 1977	48
Danewood Vale	225.0 on the 10th	126.0 on the 27th in 1974	47
Marodian Homestead	225.0 on the 8th	158.0 on the 27th in 1974	47
Mandala	134.0 on the 11th	90.2 on the 5th in 2008	41
Perseverance Dam	150.2 on the 11th	142.6 on the 27th in 1974	40
Girraween Nat Park	118.5 on the 11th	65.0 on the 3rd in 1996	38
Withcott	180.8 on the 11th	89.4 on the 26th in 1996	37
Embreys Bridge	147.2 on the 11th	99.0 on the 26th in 1991	35
Mt Stanley Station	157.0 on the 11th	127.6 on the 6th in 1980	34
Oakington	142.4 on the 11th	126.6 on the 28th in 1987	34
Townson	193.0 on the 11th	99.8 on the 21st in 1982	34
Mango Hill	124.5 on the 10th	115.0 on the 4th in 1996	32
Beenham Valley Rd	115.0 on the 10th	92.4 on the 31st in 1979	30
Monogorilby - Home	92.2 on the 11th	86.0 on the 10th in 2000	29
Corbould Pk Racecourse	142.0 on the 11th	106.0 on the 1st in 1992	25
Aubigny Purrawunda	68.4 on the 11th	51.4 on the 7th in 2005	23
Ormiston College	250.0 on the 24th	145.4 on the 20th in 1994	23
Tamba	104.6 on the 10th	65.6 on the 11th in 1999	22
Cooby Creek Dam	127.0 on the 11th	53.4 on the 7th in 2005	21
Cressbrook Dam	167.2 on the 11th	57.0 on the 4th in 1996	21
Morayfield Mark St	144.4 on the 10th	140.0 on the 20th in 1994	21

Record highest January total rainfall

	New record	Old record	Years of record
Nanango Wills St	534.6	448.9 in 1890	130
Lowood Don St	642.6	588.4 in 1974	123
Theebine	676.2	609.3 in 1898	118
Carawatha	305.8	251.2 in 1962	99
Hattonvale Store	447.6	337.9 in 1974	96
Yarraman Post Office	533.8	435.0 in 1974	96
Jingi Jingi	209.8	206.1 in 1920	94
Lindfield	631.0	581.9 in 1968	89
Haden Post Office	355.8	334.8 in 1974	84
Glenaven	417.0	402.0 in 1974	75
Somerset Dam	580.4	493.8 in 1968	74
Mt Whitestone	414.0	381.7 in 1974	61
Fairleigh	244.2	207.2 in 1996	53
Glenroy Massie	191.2	171.4 in 1991	52
Mount Leinster	185.0	149.0 in 2000	51
Spring Creek	507.0	386.6 in 1974	51
Upper Tenthill	387.4	356.4 in 1974	51
Danewood Vale	629.2	512.8 in 1974	46
Applethorpe	241.0	232.6 in 2004	42
Oakey Aero	265.4	213.9 in 1971	41
Placid Hills	352.7	239.4 in 1974	40
Girraween Nat Park	241.8	204.2 in 1996	37
Heathwood (Wadeville St)	258.8	225.9 in 1982	37
Withcott	443.4	293.0 in 1996	37
Lawnton Colonial Drive	519.8	322.0 in 1996	35
Cunninghams Gap National Park	438.2	272.1 in 1991	34
Oakington	365.6	253.6 in 1987	34
Boondall	388.8	275.9 in 1996	33
Mt Stanley Station	547.0	281.0 in 1996	33
Townson	584.0	259.8 in 1982	32
Mango Hill	364.8	332.2 in 1982	30
Beenham Valley Rd	600.4	308.4 in 2004	29
Monogorilby - Home	248.2	199.0 in 1984	28
Corbould Pk Racecourse	629.5	243.0 in 2008	23
Jimboomba Millstream Road	254.0	241.4 in 2004	23
Wallen Wallen	343.4	333.5 in 1994	23
Aubigny Purrawunda	249.4	133.2 in 1971	22
Deverton Sawpit Gully Rd	337.8	201.8 in 1996	22
Tamba	430.2	242.9 in 1996	22
Brisbane RPA Hospital	307.6	270.6 in 2004	21
Clontarf	325.4	251.4 in 1996	21
Jackson Oilfield	197.0	170.2 in 1995	21
Cooby Creek Dam	351.2	177.6 in 1996	20
Cressbrook Dam	428.4	191.4 in 1996	20
Morayfield Mark St	554.4	303.0 in 1996	20

Highest January total rainfall for at least 20 years

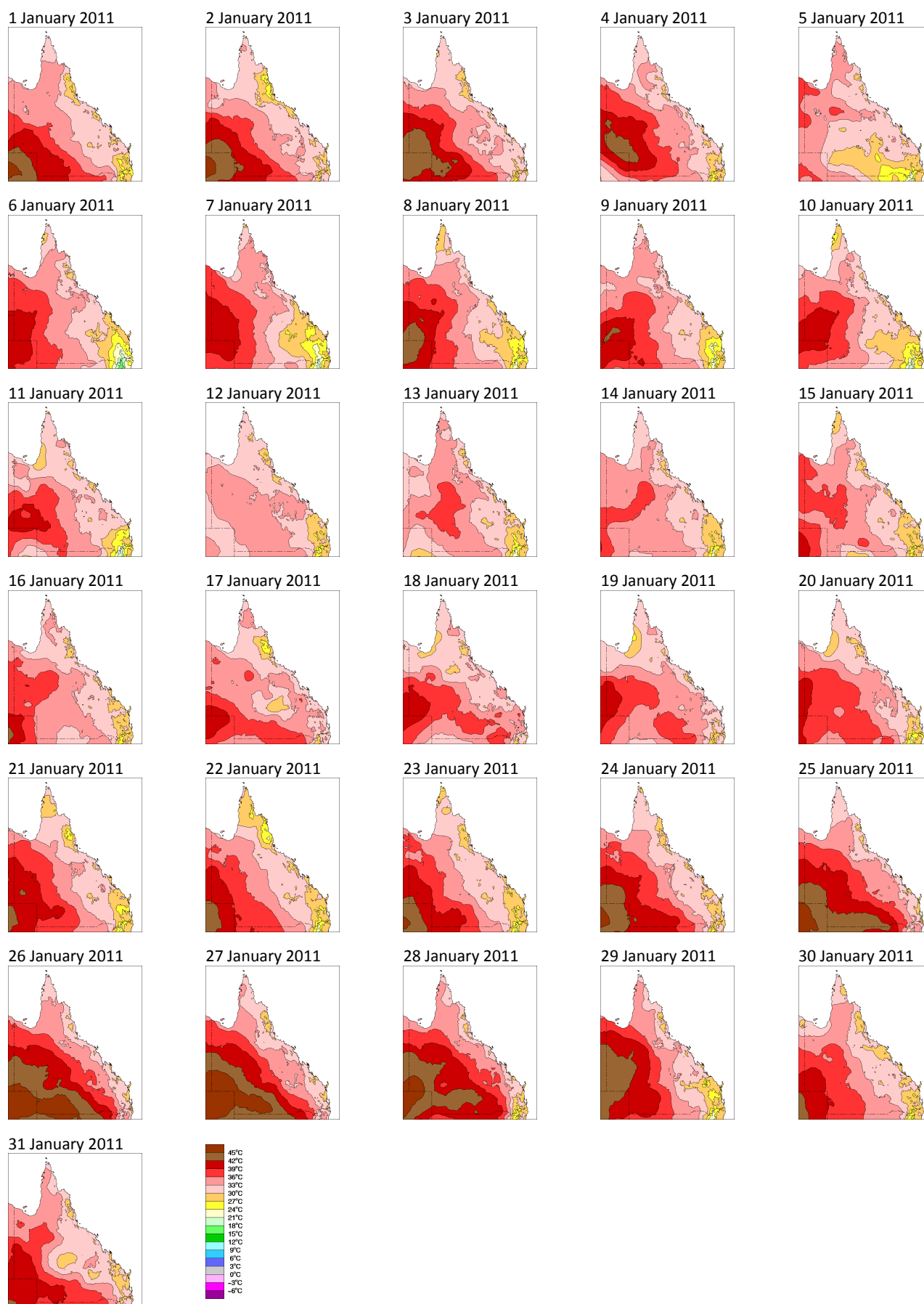
	Observed this month	Most recent higher	Years since higher
Killarney Post Office	281.6	284.7 in 1891	120
Kilkivan Post Office	438.2	478.9 in 1898	112
Murgon Post Office	272.4	305.5 in 1929	82
Pratten	246.2	253.1 in 1946	62
Wallangarra Post Office	243.4	266.0 in 1951	57
Rosalie Plains	207.4	255.8 in 1956	52
Brigalow Park	172.2	226.3 in 1962	49
Jandowae Post Office	201.4	237.4 in 1962	49
Cecil Plains Homestead	209.4	248.1 in 1895	48
Kilcoy Post Office	562.8	640.4 in 1968	42
Lanark	184.0	193.4 in 1968	42
Camboon Station	185.0	194.3 in 1971	38
Alderley	391.0	885.2 in 1974	37
Beerburum Forest Station	675.4	1249.6 in 1974	37
Canungra Finch Road	356.0	1057.8 in 1974	37
Conondale Township	618.6	793.2 in 1974	37
Coominya Post Office	494.6	528.0 in 1974	37
Crows Nest	516.6	526.6 in 1974	37
Forest Hill	353.8	521.3 in 1974	37
Franklyn Vale	482.0	791.8 in 1974	37
Gatton QDPI Research Stn	410.6	482.1 in 1974	37
Glenrive	232.6	262.4 in 1974	37
Helenvale	245.8	259.7 in 1974	37
Helidon Post Office	395.9	448.5 in 1974	37
Kenilworth Township	580.5	831.2 in 1974	37
Lake Manchester	361.0	689.2 in 1974	37
Maleny Tamarind St	902.8	1534.4 in 1974	37
Manly Railway Station	340.6	800.4 in 1974	37
Maryborough	292.6	503.6 in 1974	37
McKenzie Creek	738.6	1068.6 in 1974	37
Montville "Craglands"	859.8	1552.8 in 1974	37
Moogerah Dam	361.2	567.3 in 1974	37
Mt Berryman	389.2	766.0 in 1974	37
Mt Brisbane	417.2	468.0 in 1974	37
Mt Glorious Fahey Rd	921.8	1895.6 in 1974	37
Mt Tamborine Fern St	405.2	1790.0 in 1974	37
Palmwoods	719.6	811.0 in 1974	37
Perseverance Dam	436.8	527.0 in 1974	37
Range View	279.4	536.1 in 1974	37
Rhonda	364.4	747.5 in 1974	37
Sim Jue Creek	402.0	669.4 in 1974	37
Talgai	227.6	312.8 in 1974	37
Tarome	347.2	687.2 in 1974	37
Teddington Waterworks	389.6	600.2 in 1974	37
The Head	385.8	754.4 in 1974	37
Toogoolawah Post Office	424.4	589.4 in 1974	37
Toolara Forestry	405.5	694.8 in 1974	37
Toombul Bowls Club	431.2	838.6 in 1974	37
Tuan Creek Forest Stn	426.6	503.7 in 1974	37
Vincent Vale	232.8	355.6 in 1974	37
Wilsons Peak	340.0	517.4 in 1974	37
Yabba Station	463.0	723.6 in 1974	37
Blackbutt Post Office	484.2	583.0 in 1974	36
Borumba Dam	466.6	1003.9 in 1974	36
Dayboro Post Office	846.2	1184.8 in 1974	36
Didcot	228.6	431.8 in 1974	36
Goomboorian	398.0	672.0 in 1974	36
Grahamville	183.4	231.9 in 1974	36
Gympie	433.8	639.8 in 1974	36
Imbil Post Office	525.6	773.8 in 1974	36
Little Ridge	200.8	304.7 in 1974	36
Marodian Homestead	527.9	632.5 in 1974	36
Moorang	378.6	655.2 in 1974	36
Mt Mee	836.7	1573.0 in 1974	36
Pechey Forestry	427.8	522.6 in 1974	36
Rosevale	371.8	397.6 in 1974	36
Rosewood Walloon Rd	481.3	757.0 in 1974	36
Wamuran	714.4	1063.2 in 1974	36
Yarraman Upper	398.1	423.2 in 1974	36
Amberley AMO	319.0	635.2 in 1974	35
Bauple	502.6	610.9 in 1974	35
Cannon Hill Bowls Club	376.6	783.1 in 1974	35
Carneys Creek The Ranch	347.8	454.8 in 1974	35
Chinchilla Water Treatment Plant	194.7	202.2 in 1974	35
Como	576.4	893.5 in 1974	35
Cooroy Composite	857.8	1213.0 in 1974	35
Esk Post Office	478.8	633.0 in 1974	35
Gatton Allan Street	379.4	464.2 in 1974	35
Little Yabba SFR 274	734.4	844.2 in 1974	35
Nambour Bowling Club	746.0	1255.6 in 1974	35

Highest January total rainfall for at least 20 years

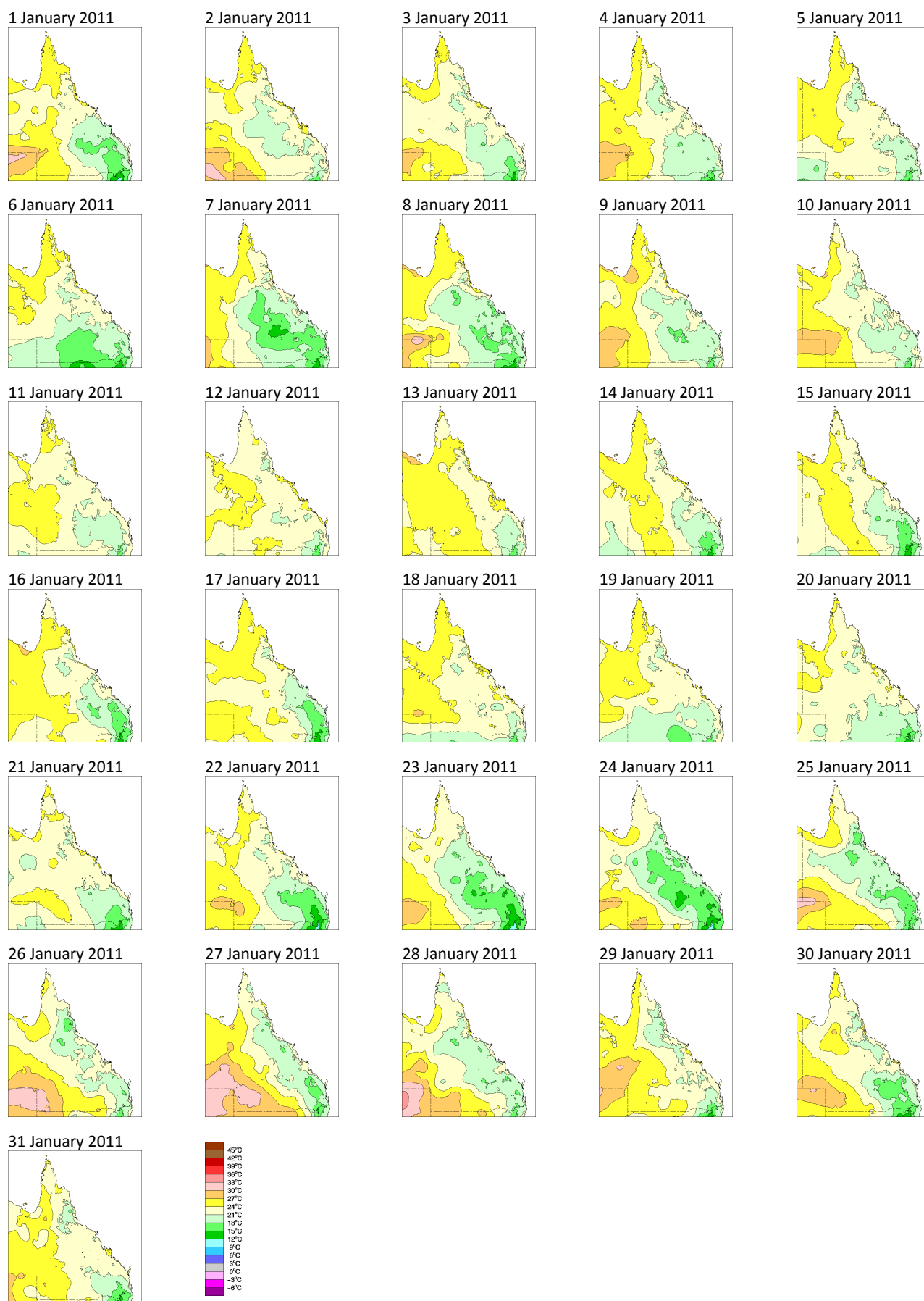
	Observed this month	Most recent higher	Years since higher
Peachester	926.4	1177.3 in 1974	35
Samsonvale	606.6	1070.8 in 1974	35
Traveston	572.8	852.0 in 1974	35
Archerfield Airport	269.4	622.5 in 1974	34
Eagle Farm Racecourse	423.0	853.5 in 1974	34
Goombungee Post Office	286.5	290.7 in 1974	34
Homeleigh	421.9	729.3 in 1974	34
Mount Joseph	296.0	369.4 in 1976	34
Oxley	313.4	485.2 in 1974	34
Redlands HRS	329.6	909.7 in 1974	34
Tecoma	213.2	248.6 in 1974	34
New Beith	297.8	1017.6 in 1974	33
Rocky Point Sugar Mill	258.6	836.8 in 1974	33
Wondai Post Office	237.5	267.0 in 1974	33
Englesberg Village	272.5	557.4 in 1974	30
Tallyabra	163.0	202.0 in 1976	30
Bundaberg Sugar Res Stn	192.6	256.4 in 1982	29
Dunwich	428.6	885.1 in 1974	29
Grandchester Symes St	584.1	679.4 in 1974	29
Glenwood	196.6	236.2 in 1982	28
Greenbank Thompson Road	274.4	293.4 in 1982	28
Rochedale South	248.6	304.4 in 1982	28
Eromanga - Webber St	137.0	175.0 in 1984	27
Eumundi - Crescent Rd	820.6	1294.8 in 1974	27
Harewood	203.0	313.8 in 1984	27
Killara	153.6	193.8 in 1984	27
Linville	436.3	478.2 in 1974	27
Highvale	563.0	1286.0 in 1974	26
Canning Downs	165.5	173.8 in 1987	24
Leslie Dam	204.0	215.2 in 1987	23
Glenroy	137.0	167.0 in 1988	22
Monto Township	184.3	206.4 in 1978	21
Pittsworth	170.4	236.8 in 1991	20
Tinaroo Falls Dam	521.7	534.0 in 1991	20
Upper Forest Springs	181.6	182.8 in 1991	20
Walkamin Research Station	423.6	522.6 in 1991	20

Lowest January total rainfall for at least 20 years

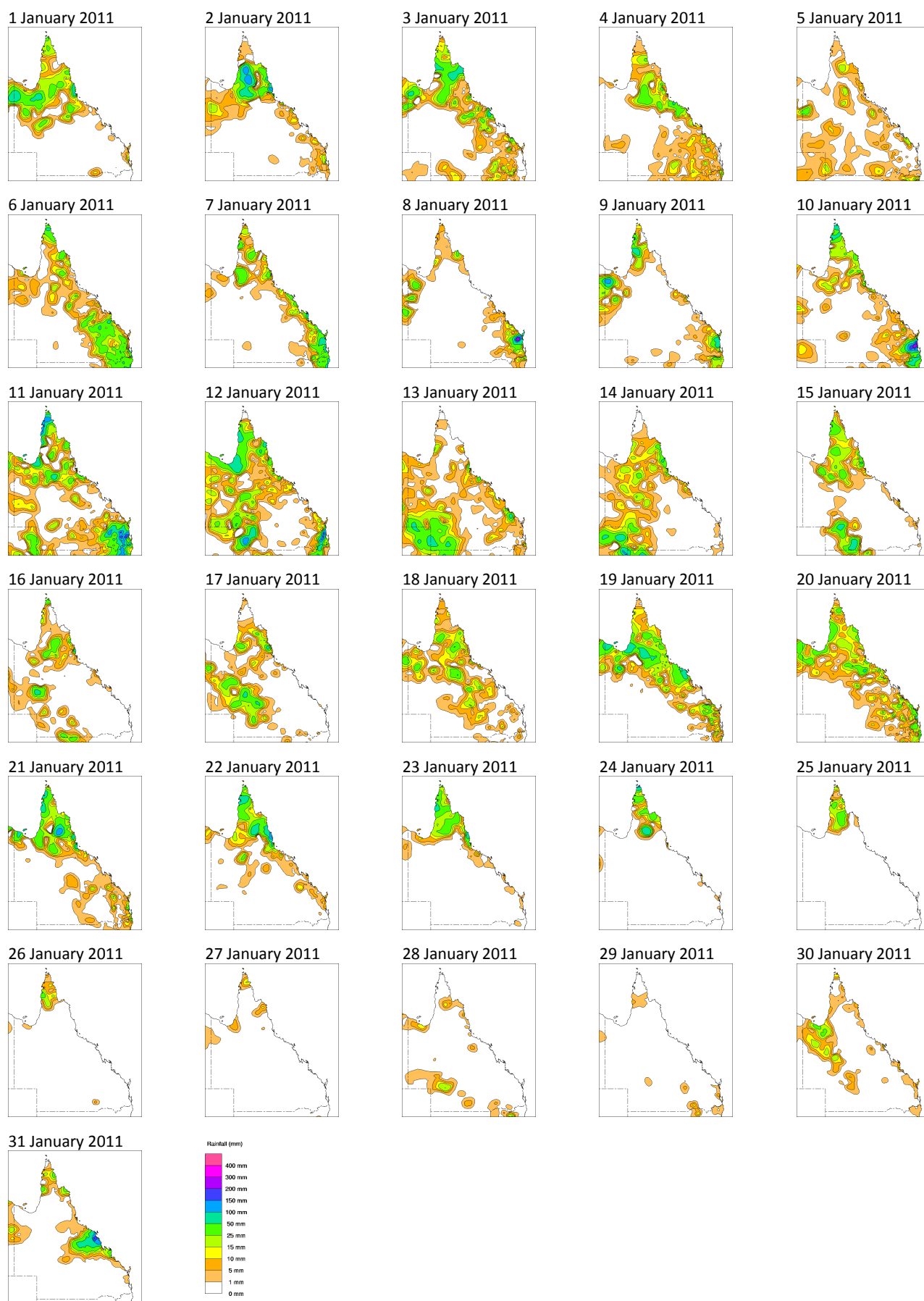
	Observed this month	Most recent lower	Years since lower
Mulga Downs	5.0	0.0 in 1989	22
Toorak Research Station	25.0	5.7 in 1989	22
Richmond Post Office	42.8	36.4 in 1990	20

Daily maximum temperature for January 2011

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 January 2011

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 January 2011

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 January 2011

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	28.3 °C		29.1 °C	
Mean daily minimum temperature	21.2 °C		21.0 °C	
Mean temperature	24.8 °C		25.0 °C	
Mean temperature at 9 am	25.8 °C		25.9 °C	
Mean temperature at 3 pm	26.6 °C		27.5 °C	
Highest temperature	33.5 °C	on the 18th	39.1 °C	on the 20th in 2000
Lowest temperature	17.8 °C	on the 24th	15.7 °C	on the 16th in 1997
Days 30 °C or warmer	3		9.2	
Days 35 °C or warmer	0		0.3	
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 %		66 %	
Mean relative humidity at 3 pm	68 %		61 %	
Pressure				
Mean MSL pressure at 9 am	1010.8 hPa		1013.4 hPa	
Mean MSL pressure at 3 pm	1008.9 hPa		1011.2 hPa	
Wind				
Strongest wind gust	ENE 54 km/h	on the 10th	SSW 185 km/h	on the 18th in 1985
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	1		1.3	
Days with gales	0		0.1	
Days with gale-force gusts	0		0.9	
Rainfall				
Total precipitation	346.8 mm		149.1 mm	
Number of rain days	15		12.9	
Wettest day	112.4 mm	on the 10th	307.4 mm	on the 26th in 1974
Sunshine				
Mean daily sunshine	7.9 hours		8.5 hours	
Evaporation				
Mean daily evaporation	5.8 mm		7.3 mm	
Phenomena				
Days of thunder	8		3.4	
Days of hail	0		0.4	
Days of frost	0		0.0	
Days of fog	0		0.7	
Days with mist or haze	28		15.7	

Mean is the average of the daily maximum temperature for January 2011; it is only shown if there are sufficient days available. **Anom** is the difference between the mean daily maximum temperature for January 2011 and the long-term average maximum temperature for January. **Decile** is the decile rank of mean daily maximum temperature for January 2011 in the climate record of other January 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 January 2011 are highlighted.

Daily and total rainfall for January 2011

Total is the total precipitation for January 2011; 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 January. **Decile** is the decile rank of total precipitation for January 2011 in the climate record of other January 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.

Topaz	827.3	486	9	»	»	»	242.0	5.0	-	48.5	0.2	0.6	»	»	»	»	»	127.0	4.5	25.0	»	»	»	65.0	140.0	109.0	48.0	»	»	»	»	»	1.5	7.0	4.0
Tree House Creek	649.4	657	6	62.0	96.0	4.0	22.0	0.6	-	1.4	0.2	-	11.0	0.2	39.0	3.0	36.4	11.6	8.0	3.8	0.8	18.8	20.2	96.0	86.0	118.0	0.2	-	-	-	2.6	-	6.2	1.4	
Tully Weir Alert	7.0	310	L																														1.0	3.0	-
Upper Barron	449.7	260	9	19.2	1.7	1.8	23.0	20.2	10.0	21.0	-	1.0	»	26.6	42.0	»	45.2	35.6	15.0	52.0	22.2	35.2	5.6	29.2	»	43.2	-	-	-	-	-	-	-	-	
Upper Rudd Creek Alert	262.0	209	7	7.0	43.0	2.0	7.0	1.0	60.0	10.0	-	-	-	37.0	-	-	2.0	25.0	5.0	-	1.0	49.0	6.0	1.0	2.0	-	-	-	-	4.0	-	-	-	-	
Walkamin Research Station	423.6	220	9	14.4	10.6	0.4	18.8	0.4	-	13.8	-	-	22.8	-	-	-	48.0	28.2	3.4	81.4	12.2	50.2	22.8	32.8	59.4	3.6	-	-	-	-	-	-	0.2	0.2	
Whyanbeel Ck TM	440.0			8.0	74.0	7.0	18.0	15.0	-	31.0	1.0	2.0	9.0	-	3.0	-	21.0	25.0	28.0	4.0	3.0	33.0	9.0	15.0	90.0	28.0	6.0	-	-	-	7.0	3.0	-		
Whyanbeel Valley	520.8	525	6	7.0	83.4	12.0	15.0	7.2	-	22.2	3.8	3.4	15.4	3.0	2.0	-	20.4	27.8	52.4	2.2	2.2	39.0	51.2	8.2	99.0	25.6	9.0	-	-	-	7.0	2.4	-		
Wondecla	334.6	252	9	29.8	40.4	1.4	18.8	4.8	-	17.6	0.4	-	-	4.0	24.8	0.6	49.8	3.8	0.4	59.8	1.8	16.0	1.4	4.4	40.2	8.4	-	-	-	-	-	5.6	0.4		
Woorroora TM	249.0			12.0	8.0	1.0	3.0	1.0	2.0	3.0	-	-	8.0	49.0	12.0	5.0	46.0	4.0	-	31.0	12.0	11.0	1.0	9.0	26.0	4.0	-	-	-	-	1.0	-	-		
Yourka Alert	211.0	188	6	17.0	6.0	1.0	3.0	-	4.0	-	-	-	3.0	11.0	12.0	1.0	36.0	19.0	35.0	16.0	-	20.0	1.0	9.0	12.0	4.0	-	-	-	-	-	-	1.0		

Daily and total rainfall for January 2011

Total is the total precipitation for January 2011; 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 January. **Decile** is the decile rank of total precipitation for January 2011 in the climate record of other January 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.

Tully Sugar Mill	478.8	605	5	64.0	105.0	0.6	10.4	-	1.6	-	-	-	1.4	0.8	2.8	45.0	37.8	21.4	21.2	0.4	9.8	12.8	0.8	3.6	70.6	54.2	0.2	-	-	-	5.4	-	-	9.0
Tung Oil Alert	633.0	489	8	48.0	113.0	1.0	2.0	13.0	-	-	-	-	41.0	-	25.0	6.0	27.0	12.0	77.0	9.0	2.0	12.0	12.0	59.0	116.0	55.0	-	-	-	-	1.0	-	1.0	1.0
Upper Black River Alert	238.0	368	2	41.0	9.0	3.0	28.0	32.0	-	4.0	-	-	-	20.0	3.0	5.0	1.0	-	-	-	4.0	16.0	39.0	1.0	20.0	11.0	-	-	-	-	-	-	-	-
Upper Bluewater Alert	275.0	409	3	40.0	5.0	26.0	18.0	21.0	1.0	2.0	-	-	-	11.0	8.0	2.0	8.0	2.0	-	-	17.0	9.0	60.0	3.0	26.0	6.0	1.0	-	-	-	6.0	-	-	3.0
Upper Murray Alert	490.0	408	8	102.0	23.0	6.0	37.0	7.0	3.0	1.0	-	-	2.0	-	55.0	55.0	27.0	21.0	9.0	4.0	3.0	21.0	2.0	14.0	81.0	16.0	-	-	-	-	-	-	1.0	
Upper Murray TM	412.0	311	8	95.0	20.0	6.0	33.0	5.0	3.0	1.0	-	-	1.0	-	22.0	52.0	25.0	13.0	8.0	3.0	2.0	19.0	1.0	11.0	76.0	15.0	-	-	-	-	-	-	1.0	
Upper Stone Exelby	381.4	342	6	11.6	1.2	15.8	17.2	0.4	2.0	6.4	-	-	16.8	2.2	76.4	36.6	»	36.4	9.4	-	7.4	25.6	9.8	28.2	63.0	6.8	-	-	-	-	2.8	-	5.4	
Victoria Sugar Mill	275.5	405	4	8.8	14.8	38.5	»	1.6	0.2	5.4	»	»	28.1	8.4	15.4	»	»	8.6	0.4	19.0	11.6	»	»	»	108.4	0.2	»	»	»	»	»	»	6.1	
Wallaman Alert	90.0	288	2	9.0	13.0	13.0	14.0	15.0	11.0	6.0	-	-	1.0	-	-	-	1.0	-	-	1.0	-	1.0	-	1.0	-	1.0	-	1.0	-	1.0	-	1.0	-	
Zattas Alert	384.0	324	6	100.0	11.0	13.0	3.0	4.0	-	4.0	-	-	22.0	-	8.0	12.0	13.0	6.0	1.0	-	5.0	30.0	14.0	36.0	65.0	31.0	-	-	-	-	-	-	-	6.0

Daily and total rainfall for January 2011

Total is the total precipitation for January 2011; 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 January. **Decile** is the decile rank of total precipitation for January 2011 in the climate record of other January totals; “L” indicates this is the lowest on record, and “H” it is the highest on record. Long-term average and decile rank are only shown if there are sufficient years of climate record available. Reports of zero precipitation are shown as “-”. When a reading was accumulated over more than one day, “»” is shown on the days that are part of the accumulation.

West Central Coast (34)	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		
Balfes Creek Post Office	123.8	138	6	30.1	-	-	15.1	-	21.1	»	25.0	-	0.5	-	-	4.0	0.5	-	-	-	36.5	39.5	-	-	5.5	1.1	-	-	-	-	-	-	-	4.6		
Barmount	123.0	106	7	-	5.0	4.0	-	-	-	»	-	-	-	-	-	-	-	-	-	-	-	36.5	39.5	-	-	-	-	-	-	-	-	-	-	8.0		
Bee Creek TM	120.5	-	-	-	3.5	-	-	-	-	3.0	-	-	-	-	-	5.0	-	-	2.5	-	-	-	6.0	0.5	-	-	2.0	0.5	-	-	-	-	-	97.5		
Bowen Development Rd TM	79.0	-	-	-	12.0	-	-	-	-	1.0	-	-	-	-	6.0	-	2.0	1.0	-	-	-	-	2.0	15.0	-	-	-	-	-	-	-	-	-	40.0		
Broadleigh Downs	53.4	127	3	-	-	21.8	-	-	4.2	-	-	-	-	-	23.4	-	-	-	-	-	-	-	4.0	-	-	-	-	-	-	-	-	-	-	-		
Bruslee	66.0	133	4	-	-	-	-	-	-	-	-	-	8.0	-	-	12.0	-	-	-	-	-	20.0	16.0	-	-	-	-	-	-	-	-	-	-	10.0		
Burdekin Dam Alert	73.0	99	4	1.0	5.0	3.0	2.0	15.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0	1.0	3.0	4.0	2.0	-	-	-	-	-	-	16.0		
Burdekin Dam	107.0	125	5	-	6.0	3.5	2.5	28.5	3.5	-	-	-	-	-	-	-	-	-	-	-	-	19.5	1.0	2.5	5.0	7.0	-	-	-	-	-	-	-	28.0		
Carfax	171.1	108	9	-	-	-	-	-	27.5	31.2	5.6	-	-	-	-	-	-	-	-	-	-	»	69.3	3.5	4.0	-	-	-	-	-	-	-	-	-	30.0	
Charters Towers Airport	181.6	166	7	22.2	0.2	-	30.4	-	26.4	0.8	-	-	-	-	1.0	0.4	-	-	-	-	0.4	16.6	60.8	-	7.8	12.4	-	-	-	-	-	-	-	-	2.2	
Cockenzie TM	91.0	-	-	-	11.0	-	-	13.0	7.0	4.0	-	-	-	-	-	4.0	1.0	-	3.0	-	-	4.0	-	-	-	-	-	-	-	-	-	-	-	44.0		
Deverill TM	41.0	-	-	-	9.0	-	-	1.0	13.0	-	-	-	-	-	-	5.0	1.0	-	-	-	-	2.0	7.0	1.0	-	-	-	-	-	-	-	-	-	-	2.0	
Doongara	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dooruna Downs	44.8	75	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.8		
Eaglefield TM	156.0	-	-	-	44.0	2.0	-	-	1.0	-	-	-	-	-	-	-	9.0	-	-	-	-	52.0	10.0	-	-	-	-	-	-	-	-	-	-	-	38.0	
Essex	60.0	95	4	-	-	6.8	-	-	5.4	6.6	-	-	-	-	-	3.0	-	-	-	-	-	14.8	3.8	-	3.0	-	-	-	-	-	-	-	-	-	16.6	
Funnel Creek TM	55.0	-	-	-	1.0	4.0	13.0	3.0	27.0	6.0	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Holmvale	168.2	-	-	4.8	-	-	-	-	20.8	0.4	-	-	-	20.0	2.0	13.6	-	-	-	-	0.4	13.6	75.8	4.2	9.6	-	-	-	-	-	-	-	-	-	2.0	
Hydro Site TM	73.0	-	-	2.0	5.0	-	2.0	20.0	2.0	-	-	-	-	-	-	-	-	-	-	-	-	18.0	-	-	-	2.0	-	-	-	-	-	-	-	-	33.0	
Isaac River Bridge TM	133.5	-	-	-	4.5	0.5	-	-	-	-	-	21.5	-	-	4.0	7.5	-	1.0	-	5.0	4.5	-	-	4.0	-	-	-	-	-	-	-	-	-	81.0		
Logan Creek TM	197.0	-	-	-	50.5	-	5.0	0.5	-	24.5	-	-	-	19.0	-	-	-	-	-	49.5	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	44.5	
Middlemount Alert	91.8	-	-	0.2	21.4	-	-	11.2	5.6	6.0	-	-	-	-	-	-	-	-	-	-	22.2	6.2	-	-	-	-	-	-	-	-	-	-	-	-	19.0	
Middlemount TM	61.0	-	-	-	6.0	-	9.0	2.0	11.0	-	-	-	-	-	-	-	-	-	-	-	17.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-	12.0	
Moranbah Water Treatment Plant	159.5	104	8	-	-	32.8	-	-	-	0.7	-	-	8.4	-	-	»	27.8	-	3.0	-	1.8	11.6	-	-	7.0	-	-	-	-	-	-	-	-	-	66.4	
Mount McConnell	81.2	131	4	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.0	-	-	-	-	-	-	-	-	-	-	-	-	24.2	7.0
Mt Douglas	47.0	111	3	-	-	44.0	-	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pink Lagoon TM	132.0	-	-	-	2.0	-	-	-	11.0	22.0	19.0	-	-	-	-	9.0	-	-	-	-	-	5.0	5.0	-	-	1.0	2.0	-	-	-	-	-	-	-	-	56.0
Scartwater Alert	121.0	121	6	-	-	3.0	3.0	-	1.0	-	-	-	4.0	4.0	1.0	-	-	-	-	-	-	36.0	5.0	1.0	-	-	-	-	-	-	-	-	-	-	63.0	
Sellheim	75.6	135	4	22.0	-	-	-	-	-	-	-	-	-	-	-	25.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Seloh Nolem	124.4	106	8	-	-	-	-	-	27.0	24.0	9.2	-	-	-	-	7.0	2.0	-	-	-	-	5.2	6.0	-	-	-	-	-	-	-	-	-	-	-	44.0	
Slogan Downs	-	116	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St Anns Alert	151.0	141	6	-	-	11.0	-	-	3.0	-	-	-	-	-	18.0	-	-	-	-	-	-	22.0	6.0	13.0	-	-	-	-	-	-	-	-	-	-	-	78.0
St Anns TM	109.0	-	-	-	10.0	-	-	2.0	-	-	-	-	-	16.0	1.0	-	-	-	-	-	11.0	-	12.0	-	-	-	-	-	-	-	-	-	-	-	-	57.0
Taemas Alert	36.0	154	2	-	-	1.0	-	-	2.0	-	-	-	-	-	4.0	2.0	-	-	-	-	-	10.0	-	3.0	-	4.0	-	-	-	-	-	-	-	-	-	10.0
Taemas TM	31.0	-	-	-	1.0	-	-	1.0	-	-	-	-	-	-	4.0	2.0	-	-	-	-	-	6.0	-	3.0	-	4.0	-	-	-	-	-	-	-	-	-	10.0
Taemas	74.0	118	3	-	1.0	38.0	-	-	2.0	-	-	-	-	-	7.0	-	-	-	-	-	-	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0
Trafalgar Station	104.0	141	5	-	-	-	-	-	21.0	-	-	-	-	3.0	-	9.2	-	-	-	-	-	2.4	68.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Wentworth	121.4	92	8	-	-	29.6	-	4.5	-	7.4	-	-	-	-	-	-	-	-	0.4	4.5	40.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.0
West Wolfgang Creek TM	115.5	-	-	-	1.0	1.0	-	7.5	1.5	-	-	-	0.5	1.0	-	-	-	-	-	-	-	51.5	13.5	4.0	-	-	-	-	-	-	-	-	-	-	-	34.0
Yatton TM	83.0	-	-	-	13.0	-	-	2.0	3.0	-	-	3.0	-	14.0	-	-	-	-	-	-	-	36.0	-	-	-	-	-	-	-	-	-	-	-	-	-	12.0

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page 32

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[illegible]

Daily and total rainfall for January 2011

Total is the total precipitation for January 2011; 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 January. **Decile** is the decile rank of total precipitation for January 2011 in the climate record of other January 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.

Gympie	482.0			13.0	7.0	1.0	2.0	-	66.0	87.0	102.0	49.0	66.0	44.0	10.0	3.0	5.0	1.0	-	-	-	-	1.0	2.0	9.0	8.0	-	1.0	-	-	-	-	1.0	2.0	2.0	2.0
Gympie	433.8	163	10	6.0	3.2	0.2	4.0	-	50.2	90.4	81.0	44.0	59.4	47.8	14.6	1.8	5.4	1.0	-	-	-	-	-	3.4	6.4	9.0	0.2	0.4	-	-	-	-	-	1.2	1.4	2.8
Harper Creek Alert	745.0	231	H	9.0	7.0	-	1.0	-	19.0	32.0	24.0	83.0	272.0	114.0	138.0	6.0	2.0	1.0	-	-	-	-	-	2.0	7.0	16.0	3.0	1.0	-	-	-	-	-	5.0	2.0	1.0
Harrisville AL-B	221.0			-	2.0	-	-	-	-	15.0	20.0	11.0	2.0	30.0	63.0	52.0	-	-	-	-	-	-	-	4.0	22.0	-	-	-	-	-	-	-	-	-	-	
Harrisville Alert	245.0	83	H	-	1.0	-	-	-	-	15.0	19.0	10.0	1.0	31.0	76.0	53.0	-	-	-	-	-	-	-	7.0	32.0	-	-	-	-	-	-	-	-	-	-	
Harrisville Post Office	220.8	113	10	-	-	-	3.6	-	10.8	23.4	9.8	4.6	»	»	130.8	0.2	-	-	-	-	-	-	-	7.6	29.2	0.4	-	0.4	-	-	-	-	-	-	-	
Hattonvale Store	447.6	112	H	-	6.2	-	0.8	-	39.0	35.0	16.4	7.0	66.0	»	277.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hays Landing Alert				0.2	3.2	-	0.2	-	13.2	23.4	13.2	5.6	137.0	137.8																						
Hazeldean Alert	546.0			-	13.0	-	4.0	-	10.0	40.0	33.0	20.0	202.0	123.0	91.0	5.0	-	-	-	-	-	-	-	4.0	1.0	-	-	-	-	-	-	-	-	-	-	
Heathwood (Wadeville St)	258.8	107	H	-	3.8	-	1.6	1.0	5.4	91.4	9.2	5.4	55.6	17.8	32.2	0.4	-	-	0.6	-	-	-	-	9.8	15.8	8.4	0.4	-	-	-	-	-	-	-	-	
Helidon Post Office	395.9	117	10	-	8.0	-	-	-	57.0	34.9	25.6	6.4	94.0	»	162.0	-	-	-	-	-	-	-	-	3.6	3.0	1.4	-	-	-	-	-	-	-	-	-	
Helidon TM				-	8.0	1.0	1.0	-	54.0	37.0	23.0	3.0	57.0																							
Hemmant Alert	-	92	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hendra Alert	424.0			3.0	8.0	-	-	-	44.0	125.0	15.0	10.0	118.0	20.0	38.0	2.0	-	-	-	-	-	-	-	1.0	26.0	13.0	-	-	-	-	-	-	-	1.0	-	
Hervey Bay Airport	184.0	132	8	4.6	0.2	-	-	-	3.8	29.0	87.0	7.6	3.4	26.2	1.0	-	-	1.0	-	-	-	-	-	0.8	1.0	9.0	1.4	0.8	-	-	-	-	-	6.8	0.4	
Highvale	563.0	171	10	-	27.6	-	11.0	1.6	35.6	37.0	6.8	10.2	162.0	77.4	120.6	1.2	-	-	-	-	-	-	-	4.2	55.8	11.0	0.8	-	-	-	-	-	0.2	-	-	
Hillcrest(Wine Glass) AL	257.0	81	H	-	6.0	-	-	1.0	9.0	89.0	14.0	5.0	55.0	22.0	26.0	2.0	-	-	-	-	-	-	-	-	14.0	14.0	-	-	-	-	-	-	-	-		
Hilltop Gardens				1.4	9.8	-	1.0	-	67.0	48.0	52.0</																									

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Toogoolawah Post Office	424.4	119	10	3.6	0.4	-	-	-	18.2	31.8	25.0	14.0	182.0	106.6	27.6	2.8	-	-	-	-	-	2.2	8.0	2.2	-	-	-	-	-	-	-	-	
Toogoom	189.6	138	8	3.4	0.2	7.4	0.4	-	2.4	26.6	63.4	10.4	2.8	7.0	4.0	0.2	0.2	1.0	-	-	-	3.2	-	44.0	1.6	1.2	2.4	-	-	-	-	7.2	0.6
Toohills Crossing TM	320.0			-	8.0	-	3.0	-	-	13.0	45.0	6.0	2.0	23.0	82.0	76.0	-	-	-	-	-	15.0	7.0	40.0	-	-	-	-	-	-	-	-	
Toolara (Kelly)	460.6	163	H	7.0	16.4	1.2	-	-	-	6.8	71.6	113.4	84.8	54.6	22.0	23.6	5.0	2.0	1.2	-	-	6.0	28.6	4.6	1.4	2.4	1.6	-	-	4.0	1.0	1.4	
Toolara Forestry	405.5	163	10	8.0	5.2	-	-	-	-	14.6	78.6	-	-	»	206.6	23.3	17.8	9.2	1.2	0.8	-	6.0	10.0	9.0	-	»	8.2	-	-	-	»	6.2	
Toombul Bowls Club	431.2	159	10	6.8	11.8	-	-	-	-	»	136.4	39.2	41.0	99.4	21.0	41.4	-	-	-	-	-	»	21.2	11.4	-	-	-	-	-	-	-	1.6	
Toombul(Nudgee Rd) Alert	377.0	137	H	2.0	9.0	-	-	-	-	42.0	97.0	14.0	11.0	115.0	22.0	41.0	-	-	-	-	-	1.0	14.0	8.0	-	-	-	-	-	1.0	-	-	
Toowoong Alert	337.0	117	H	1.0	3.0	-	3.0	-	-	19.0	45.0	14.0	13.0	102.0	29.0	55.0	1.0	-	-	-	-	4.0	45.0	3.0	-	-	-	-	-	-	-	-	
Toowoomba Alert	336.0	77	H	-	8.0	1.0	-	-	-	43.0	19.0	26.0	9.0	79.0	117.0	22.0	1.0	-	-	-	-	9.0	2.0	-	-	-	-	-	-	-	-	-	
Town of Brisbane Alert	299.0	76	H	-	4.0	1.0	-	-	-	30.0	46.0	71.0	17.0	41.0	39.0	1.0	-	-	-	-	-	49.0	-	-	-	-	-	-	-	-	-	-	
Townson	584.0	149	H	-	16.0	0.2	4.0	»	37.2	63.8	13.6	5.0	68.0	193.0	104.6	10.0	2.6	-	-	-	-	27.0	37.6	1.4	-	-	-	-	-	-	-	-	
Tramway Lane TM	146.0			-	-	-	-	2.0	3.0	5.0	18.0	7.0	1.0	22.0	42.0	16.0	-	-	-	-	-	5.0	12.0	13.0	-	-	-	-	-	-	-	-	
Traveston	572.8	179	10	6.0	12.4	1.2	-	-	-	10.0	89.6	91.2	71.6	132.0	56.6	15.6	5.2	4.2	-	-	-	»	56.0	6.4	4.6	1.0	-	-	-	3.4	-	5.8	
Tuan Creek Forest Stn	426.6	167	10	3.0	0.6	0.2	-	-	-	3.0	36.4	-	-	»	259.0	16.6	10.8	-	-	-	-	»	52.0	4.0	-	»	16.0	-	-	-	-	9.8	
Tyungun Alert	282.0	83	H	-	4.0	-	5.0	-	-	13.0	32.0	2.0	6.0	48.0	91.0	30.0	7.0	2.0	-	-	-	8.0	8.0	26.0	-	-	-	-	-	-	-	-	
Underwood(Millers Rd) AL	202.0	98	9	1.0	5.0	-	-	-	-	1.0	31.0	29.0	12.0	6.0	47.0	17.0	21.0	-	-	-	-	1.0	23.0	8.0	-	-	-	-	-	-	-	-	
University of Queensland Gatton				-	7.4	-	3.0	-	-	17.4	33.4	16.0	4.4	87.2	79.0	-	-	-	-	-	-	2.8	23.2	-	4.6	-	-	-	-	-	-	-	
Upper Caboolture Alert	645.0			2.0	5.0	-	-	-	8.0	5.0	72.0	30.0	22.0	142.0	201.0	125.0	-	1.0	-	-	-												

Total is the total precipitation for January 2011; 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 January. **Decile** is the decile rank of total precipitation for January 2011 in the climate record of other January totals; "1" indicates this is the lowest on record, and "10" 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.

[illegible]

