



SIGNIFICANT WEATHER – January 2008

SUMMARY

An offshore low pressure system, combined with an upper trough over southeast Queensland, produced record high January daily rainfall totals for a number of locations.

Ex-tropical cyclone *Helen* which formed at the beginning of the month followed a long track from the southeastern Gulf of Carpentaria then down through the centre of Queensland, bringing flooding rains to large areas of the state. Major flooding was also reported in the Northern Territory as a result of ex-tropical cyclone *Helen*.

Thunderstorms were reported in all states and numerous bushfires occurred in Tasmania in hot and windy conditions.

TROPICAL CYCLONES

Northern Territory

Tropical Cyclone *Helen* formed in the Joseph Bonaparte Gulf at 11 am on the 4th, approximately 380 kilometres west-southwest of Darwin. *Helen* moved steadily east during the day, intensifying into a Category 2 cyclone before crossing the coast near Channel Point late on the 4th.

THUNDERSTORMS/TORNADOES

Queensland

On the 4th a low pressure system moved inland over the Gold Coast bringing widespread heavy rainfall with embedded thunderstorms. Flooding occurred over much of the Gold Coast hinterland and filled the Hinze Dam to one hundred per cent capacity. Falls included: O'Reilly's 134mm, Darlington 121mm, Beechmont 101mm, Binna Burra 109mm, Lower Springbrook 106mm, Tallebudgera Creek Dam 107mm, Tomewin 122mm and Foxley 104mm. Elsewhere isolated thunderstorms in the tropics brought 61mm in 1 hour at Gleneagle on the Herbert River.

Isolated thunderstorms on the 5th in the west of the state brought damaging wind gusts of 96km/h at Hughenden.

On the 6th severe thunderstorms moved through southeast Queensland with reports of flash flooding

at Alderley, in Brisbane's northwest. Rainfall totals of between 88mm and 93mm in 20 minutes were recorded in Kelvin Grove with flash flooding in the local park. Fig Tree Pocket also recorded a total of 66mm in 30 minutes.

Isolated thunderstorms about the southeast brought rainfall of 38mm in 30 minutes at Mt Brigalow on the 7th.

On the 8th monsoon activity increased over the north of the state bringing a fall of 122mm in 2 hours at Copperlode Dam.

Further monsoon activity brought severe thunderstorms with falls of 116mm in 2 hours on the 9th at Bilwon and 77mm in 20 minutes at Euramo.

On the 11th there was a fall of 37mm in 20 minutes at Blenheim in the Lower Burdekin catchment, associated with thunderstorms in the monsoon trough.

On the 13th monsoon activity associated with ex-tropical cyclone *Helen* brought flash flooding south of Townsville, causing highway closures. Highest rainfall recorded was 143mm in 2 hours at Giru and 80mm in 1 hour at Mysterton.

Monsoon activity continued with ex tropical cyclone *Helen* moving further inland on the 14th. Gleasons Mill on the Ross River recorded 110mm in 2 hours.

On the 15th as ex tropical cyclone *Helen* moved south over the Herbert and Burdekin highlands, it intensified, giving sustained winds of 96km/h at Charters Towers at 3pm. Elsewhere Sutherland on the Burdekin River recorded 101mm in 2 hours and Stonewall on the Burdekin River recorded 73mm.

Widespread rain and thunderstorms caused by the monsoon trough brought 51mm in 30 minutes at Hannaville on the Pioneer River on the 17th.

On the 20th the Pioneer River catchment saw heavy rainfall with Greenmount recording 111mm in 2 hours and Bakers Creek recording 88mm in 1 hour. Elsewhere, thunderstorms in the state's west brought severe wind gusts of 89km/h to Julia Creek at 4pm.

A southerly wind change triggered showers and thunderstorms in the southeast with Stokes Crossing recording rainfall totals of 79mm in 1 hour on the 21st.

Scattered thunderstorms formed in the southern interior with a severe thunderstorm passing through

Quilpie at around 6pm on the 25th. There were reports of large trees blown down, roofs blown off houses and garage doors damaged, along with 20mm of rain and hail to 1cm in diameter.

On the 30th isolated thunderstorms along the east coast brought heavy rainfall of 114mm in 2 hours at Homebush on the Pioneer River.

New South Wales

On the 2nd at Batlow (South West Slopes) large hail and heavy rain occurred with 25mm of rain recorded in 30 minutes. There were millions of dollars worth of damage to apple plantations after hail nets were shredded.

On the 4th at Murwillumbah (Northern Rivers) very heavy rain caused extensive flooding. Tweed catchment recorded falls of 170mm in 2 hours. The highest 24 hour fall of 347mm was recorded at Limpinwood (to 9am on the 5th). Tweed Valley and Kyogle were declared natural disaster zones with millions of dollars damage to infrastructure.

On the 6th at Moree two tornadoes were observed northwest of Moree with very heavy rain. At Long Flat west of Port Macquarie a thunderstorm with heavy rain, 66mm in 2 hours was recorded. At Wittittrin (Mid-North Coast) a thunderstorm with heavy rain produced 24mm in 30 minutes. At Inverell (Northern Rivers) 61mm of rain was recorded in 45 minutes. Flash flooding was reported in the area.

On the 12th at Carrick (Southern Tablelands) there was considerable damage to rural area 15 kilometres northeast of Goulburn. Windows were broken and large trees were uprooted. At Lithgow a thunderstorm with hail and heavy rain (30mm in 20 minutes) caused minor damage.

On the 13th in the Penrith area (Western Sydney) a thunderstorm with 2cm hail and wind gusts up to 102 km/h caused much damage.

On the 16th at Cooma (Southern Tablelands) a thunderstorm with heavy rain (32mm in 1 hour) caused local flash flooding. At Dubbo a thunderstorm with heavy rain (38mm in 30 minutes) occurred. In Western Sydney a thunderstorm with 2cm hail and wind gusts estimated at 100 km/h occurred in St Marys and Rooty Hill.

In Sydney, a thunderstorm with heavy rain and local flooding in southeast suburbs, especially in Turella and Wollli Creek occurred on the 20th. Two people died when trapped in a storm water drain at Maroubra. Little Bay recorded 23mm of rain in 30 minutes.

At Katoomba a thunderstorm with heavy rain and golf ball sized hail occurred on the 29th.

On the 30th at Michelago, a thunderstorm with hail 4cm in diameter occurred just north of the town with

rainfall of 41mm occurring in approximately 20 minutes. Flash flooding flattened fences.

On the 31st at Wollongong a thunderstorm with heavy rain occurred at Balgownie; 30mm in 15 minutes was produced at Bellambi. In Sydney, a thunderstorm with 2cm hail occurred at Sydney Olympic Park and Panania. Heavy rain was produced at Turramurra, Woodville, Box Hill and Blacktown. High winds brought down trees and caused power outages. Flooding occurred at Moorebank. The highest rainfall to 9am on the 1st of February was 79mm at Turramurra. At Cobar thunderstorms with heavy rain caused flash flooding. The highest intensity was 46mm in 30 minutes. The 24 hour rainfall of 102.2mm was the highest daily rainfall on record for January.

Victoria

On the 11th there was damage to vegetation from a thunderstorm through a 6 kilometre long strip at Murchison East.

On the 16th, Horsham recorded 16mm of rain in 15 minutes during a thunderstorm. At Ararat 18mm of rain was recorded in 30 minutes with flash flooding.

South Australia

On the 18th, thunderstorms resulted in heavy rain in suburban Adelaide with 20mm in 30 minutes at Parafield and Burnside and 27mm recorded in 30 minutes at Paralowie causing local flooding.

A thunderstorm resulted in a 100 km/h wind gust at Marree on the 26th. No damage was reported.

Western Australia

On the 4th a thunderstorm formed to the west of Varanus Island, off the Pilbara coast and produced a wind gust of 91 km/h.

On the 8th severe thunderstorms were reported in the South Coastal, Great Southern and Gascoyne districts of Western Australia. Hail to 3cm in diameter was reported in Mount Barker together with some minor damage. Lake Grace reported a wind gust of 91 km/h and Mount Magnet Aerodrome reported a wind gust of 91 km/h.

On the 13th a squall line produced a wind gust of 113 km/h at Argyle Aerodrome. Kununurra Airport reported 11.8mm of rain in 10 minutes and Fitzroy Crossing Airport reported 46.8mm in 34 minutes.

On the 30th a thunderstorm at the Hope Downs Minesite in the Pilbara produced a total of 109mm in two hours.

Northern Territory

A squall line affected the area near Katherine during the evening of the 6th, with reports of trees uprooted and snapped.

A fast-moving squall line passed over the Cox Peninsula during the early hours of the morning on the 9th. There were no reports of damage.

Early on the 13th, a mass of thunderstorms converged over Darwin producing very heavy rainfall and flash flooding, 211 mm was recorded at Darwin Airport between 3 and 5 am, which is a 1 in 100 year event. The 24-hour rainfall total for Darwin Airport was 242mm, with several nearby observations recording over 150 mm.

A severe thunderstorm produced a 94 km/h wind gust at Borroloola on the 14th. Thunderstorms affected the area again the next day, with a 98 km/h wind gust measured at Centre Island.

Late on the 18th, a mass of thunderstorms formed in the northern Victoria River District. Four wind gusts of 91 km/h were recorded at Delamere in one thunderstorm, with another producing small hail which damaged trees and infrastructure at Timber Creek.

A multi-cellular thunderstorm produced two 111 km/h wind gusts at McArthur River Mine during the evening of the 20th.

WIND

Other wind gusts associated with thunderstorms are listed above.

Queensland

Winds greater than 90 km/h were reported on:

- 1st Cape Moreton Lighthouse 94 km/h
Double Island Point Lighthouse 96 km/h
- 2nd Cape Moreton Lighthouse 91 km/h
- 3rd Double Island Point Lighthouse 94 km/h
- 5th Hughenden Airport 96 km/h

New South Wales

Winds greater than 90 km/h were reported on:

- 3rd Cape Byron 94 km/h
- 11th Montague Island 94 km/h
Deniliquin Airport 91 km/h
- 13th Penrith Lakes 102 km/h
- 29th Coonabarabran A/P 93 km/h
- 31st Tamworth A/P 93 km/h
Holsworthy 96 km/h

Victoria

Winds greater than 90 km/h were reported on:

- 06th Wilsons Promontory 94 km/h
- 11th Grampian 93 km/h, Colac 91 km/h
Wilsons Promontory 91 km/h
Yarrawonga 102 km/h
- 13th Wilsons Promontory 91 km/h

Tasmania

Gales and strong gusts on the 11th caused a spate of minor damage, bringing down tree branches and power lines across Tasmania, including in and around Hobart.

Strong winds and large seas caused problems for small vessels through the month, including a boat driven aground near Binnalong Bay on the 6th.

On the 29th a man was rescued after being washed from his kayak near Conical Rocks and a dinghy was swamped near Betsy Island.

Winds greater than 90 km/h were reported on:

- 4th Tasman Island 93 km/h
- 6th Maatsuyker Island 94 km/h
Hogan Island 91 km/h
- 7th Maatsuyker Island 93 km/h
- 11th Mount Wellington 141 km/h
Maatsuyker Island 128 km/h
Droughty Hill 124 km/h
Scotts Peak Dam 115 km/h
Hartz Mountain 109 km/h
Cape Bruny 107 km/h
Maria Island 106 km/h,
Mount Read 102 km/h, Hobart 98 km/h
Cape Grim 96 km/h, Tasman Island 93 km/h
Bushy Park 91 km/h, Hogan Island 91 km/h
- 13th Maatsuyker Island 133 km/h
Mount Wellington 131 km/h
Cape Grim 119 km/h
Scotts Peak Dam 117 km/h
Droughty Hill 107 km/h
Hartz Mountain 104 km/h
Maria Island 98 km/h, Mount Read 94 km/h
Tasman Island 93 km/h
Hogan Island 93 km/h, Tunnack 91 km/h
Cape Bruny 91 km/h
Eddystone Point 91 km/h
- 14th Maatsuyker Island 96 km/h
- 16th Hartz Mountain 98 km/h
Tasman Island 91 km/h
- 20th Cape Grim 100 km/h
Mount Wellington 93 km/h
Eddystone Point 91 km/h
Maria Island 91 km/h
- 27th Mount Wellington 106 km/h
Maatsuyker Island 98 km/h
Cape Grim 94 km/h, Hogan Island 93 km/h
Droughty Hill 91 km/h

Western Australia

On the 22nd Fitzroy Crossing Airport recorded a wind gust of 104km/h.

FLOODING

Queensland

Two major rainfall events occurred across Queensland during the month. Light to moderate rainfall persisted over Southeast Queensland. The rainfall intensity increased with embedded thunderstorm activity resulting in flash flooding and very high intensity rainfall. Ex-tropical cyclone Helen moved across the Top End and entered the Gulf of Carpentaria early in the month. The low slowly tracked eastwards across Cape York Peninsula on the 14th off the far north Queensland coast near Cardwell. The low then intensified and drifted slowly over the coast at Townsville and further inland to Charters Towers which produced severe weather to inland and coastal communities.

Western Queensland:

Thompson/Barcoo Rivers, Cooper Creek, Paroo River and Bulloo River

A trough line developed over Western Queensland between the 11th and 20th associated with ex-tropical cyclone Helen producing heavy rainfall, generally with 72 hour totals of between 50mm to 150mm and isolated daily rainfall totals of between 40mm to 100mm, including 223 at Eastmere. This rainfall resulted in fast river rises and major flooding on the Thompson/Barcoo Rivers and Cooper Creek, Paroo River, Bulloo River, Warrego River, Dunaesq/Macintyre Rivers and the Condamine/Balonne Rivers.

Southeast Queensland:

Nerang/Coomera Rivers, Gold Coast Creeks, Logan/Albert Rivers

The light to moderate rainfall over southeast Queensland early in the month intensified overnight on the 4th producing flash flooding on the Nerang and Coomera Rivers and Gold Coast Creeks and the Logan/Albert Rivers with moderate to major flooding which lasted a few days. The rapid river rises washed away some sections of roadway creek crossings and bridges.

Central Queensland:

Very heavy rainfall occurred along the Queensland coast between Townsville and Mackay and inland over the Coalfields and Central Interior between the 10th and 20th. This rainfall produced widespread flooding across Central Queensland including the Ross River, Haughton River, Don River and Pioneer River, however the most pronounced and intensive rainfall occurred over the Nogoia River and Theresa Creek within the Fitzroy River and the Belyando

River within the Burdekin River. Intense rainfall of 143mm fell on Giru over 2 hours whilst the heaviest daily rainfall totals exceeded 300mm causing flash flooding in the Proserpine and Airlie Brach area. Bogantungun situated to the west of the city of Emerald recorded a 4 day rainfall total of nearly 700mm. Many houses in and around the city of Emerald were evacuated due too floodwaters.

Far North Queensland:

As ex tropical cyclone Helen moved over Cape York Peninsular early in the month, the tropical low produced heavy rainfall causing river rises and minor flooding in the Tully River and adjacent coastal streams on the 8th.

Northern Territory

Katherine River Catchment:

Nitmiluk Centre

There was Moderate flooding, reaching 5.77 metres, at Nitmiluk Centre on the 8th. The town of Katherine was not threatened.

Daly River Catchment:

Cullen River

There was major flooding in the Cullen River, which peaked at 7.0 metres on the 5th. This flooding closed the Stuart Highway for about a day.

Fergusson River

There was major flooding in the Fergusson River, which peaked at 14.45 metres on the 6th before falling quickly.

Dorisvale Crossing

There was moderate flooding at the Dorisvale Crossing, which peaked at 16.9 metres on the 7th. The river level then fell slowly, reaching minor flood level (13.0 metres) on the 12th.

Douglas River

There was major flooding in the Douglas River, which peaked at 9.48 metres on the 5th, before falling quickly.

Beeboom Crossing

There was moderate flooding at Beeboom Crossing, beginning on the 5th and reaching a peak of 15.75 metres on the 6th. The river remained above minor flood level until the 14th.

Mount Nancar

There was moderate flooding at Mount Nancar, beginning on the 5th and reached a peak of 14.69 metres about midnight on the 8th. The river level did not fall below minor flood level (12 metres) until the 17th.

Daly River Police Station

There was minor flooding at the Daly River Police Station, beginning on the 5th, which reached a peak of 12.7 metres on the 9th. The river stayed steady

about this level for three days, before falling below flood level (11.5 metres) on the 26th. The Nauiyu Nambiyu (Daly River) community was cut-off for most of the month.

Roper River Catchment:

Waterhouse River at Beswick

There was major flooding in the Waterhouse River, which began rising on the 5th and flooded the Beswick community, before peaking at 8.42 metres on the 6th. The river level had fallen below the Central Arnhem Road Bridge level (6 metres) early on the 8th.

BUSHFIRES

Tasmania

Numerous fires were reported across the state, with a particular peak in activity from the 9th to the 11th in hot and windy conditions.

Some large fires were reported near Glendevie in the south around the 6th where 150 hectares were destroyed including some buildings.

Fires from the 11th at Conningham in the southeast burnt over 750 hectares.

On the 13th at Goshen in the northeast over 800 hectares was burnt.

At Rocherlea near Launceston over 300 hectares was burnt around the 14th.

On the 16th and 17th over 2,600 hectares was burnt. Damage included three pine plantations, damage to fencing and sheds as well as the destruction of four vehicles at Bellingham in the north.

DUST STORMS

Queensland

Dust storms were reported at Urandangie on the 7th, 8th and 13th.

TEMPERATURE

Highest Mean Maximum Temperature for January

Station	Actual °C	Previous Highest °C	Year	Years of Record
Western Australia				
Meekatharra A/P	42.1	40.9	1998	58
Telfer Aero	43.7	43.1	2005	34
Yeelirrie	41.3	40.4	2004	35
Northern Territory				
Tennant Creek Airport	40.4	40.2	1971	38
Yuendumu	40.6	39.2	1994	37
Yulara Aero AWS	40.7	40.4	2006	20

Lowest Mean Maximum Temperature for January

Station	Actual °C	Previous Lowest °C	Year	Years of Record
Queensland				
Injune Post Office	29.7	30.1	1974	41

Highest Mean Minimum Temperature for January

Station	Actual °C	Previous Highest °C	Year	Years of Record
Victoria				
Essendon Airport	16.0	15.6	2007	39
Tasmania				
Orford (Aubin Court)	13.4	13.3	1988	40
Bicheno (Council Depot)	14.3	14.0	2001	33
Western Australia				
Mardie	27.4	26.7	2003	52
Meekatharra A/P	27.3	26.0	1999	58
Narembeen	18.2	18.0	1978	39
Port Hedland A/P	27.2	26.7	2005	60
Yeelirrie	25.4	24.5	1979	35
Northern Territory				
McArthur River Mine	26.2	26.0	1988	27

Highest Daily Maximum Temperature for January

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
Western Australia					
Gascoyne Junction	48.3	04	47.4	2005	31
Hyden	46.4	03	46.2	1997	34
Meekatharra A/P	45.7	05	45.4	1995	58
Narembeen	45.8	03	45.0	1982	40
Onslow	49.2	11	48.0	2003	48
Onslow A/P	48.9	11	48.7	2003	42
Port Hedland	49.0	11	47.5	1973	60
Roebourne	49.0	11	48.4	2003	52
Telfer Aero	48.1	10	47.4	1981	34

Lowest Daily Maximum Temperature for January

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
Queensland					
Injune Post Office	21.7	11	21.8	1999	41

Highest Daily Minimum for any Month

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
Victoria					
Horsham Polkemmet Rd	29.2	01	28.2	12/1998	52
New South Wales					
Balranald	30.2	11	29.5	03/1983	43
Tocumwal	30.7	11	28.2	12/1998	38

Highest Daily Minimum for January

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
Victoria					
Walpeup Research	29.0	11	28.9	2001	43
New South Wales					
Balranald	30.2	11	29.2	2003	43
Tocumwal	30.7	11	29.7	2001	38
Western Australia					
Badgingarra RS	28.0	03	27.5	1981	40
Telfer Aero	32.5	11	32.3	2003	34
Roebourne	32.6	11	32.4	1999	52

Lowest Daily Minimum for January

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
Queensland					
Toorak Research Station	12.0	10	13.5	1970	31
New South Wales					
Thredbo Village	-4.5	22	-4.4	1987	39

RAINFALL

Highest Monthly Rainfall on Record for any Month

Station	Actual mm	Previous Highest mm	Year	Years of Record
Queensland				
Peakvale Station	501.2	411.2	01/1974	77
New South Wales				
Lillian Rock	755.2	741.1	06/1967	45

Highest Monthly Rainfall on Record for January

Station	Actual mm	Previous Highest mm	Year	Years of Record
Queensland				
Carfax	307.4	294.1	1974	46
Wharton Creek Station	310.2	305.3	1984	61
Darlington	527.6	299.2	2004	32
Charleville Aero	266.8	235.0	1954	65
New South Wales				
Old Koreelah	343.2	320.7	1947	96
Bentley	448.0	346.0	2006	44
Green Pigeon	819.2	743.6	1974	43
Grevillia	502.8	372.0	1974	43
Lillian Rock	755.2	721.2	1974	45

Lowest Monthly Rainfall on Record for January

Station	Actual mm	Previous Lowest mm	Year	Years of Record
Tasmania				
Cape Bruny Lighthouse	6.8	10.4	1999	138
Bushy Park (Bushy Park Estates)	3.0	5.3	1878	135
Hobart (Ellerslie Road)	3.0	4.4	1958	127
Sandford (Maydena)	3.2	3.3	1958	117
Mangalore (Mangalore Farm)	3.4	3.6	1958	106
Mount Wellington (The Springs)	18.4	19.2	1932	105
Ouse (Millbrook)	4.2	4.4	1920	97
Lunawanna	4.4	6.8	1999	96

Osterley	6.2	8.2	1999	95
Bream Creek (Stroud)	8.0	9.1	1932	89
Killora (Grasmere)	2.6	4.8	1915	89
Richmond (Lowlands)	4.4	7.1	1932	81
Middleton Post Office	9.2	9.8	1974	80
Opossum Bay	1.6	7.2	1932	76
City of Melbourne Bay	5.4	6.4	1939	74
Tarraleah Village	13.2	16.9	1954	72
Harwell	10.8	11.6	1974	68
Fort Direction	0.2	3.1	1958	58
Glenorchy (Glenorchy Reservoir)	3.8	5.9	1958	56
Grove (Comparison)	5.2	9.2	1999	56
Redpa (Greenes Road)	8.0	14.2	1954	56
Moina	5.0	12.3	1920	52
Arve Valley (Arve Road)	15.2	25.8	1988	51
Hobart Airport	2.8	7.2	1980	50
Lake Echo Power Station	8.6	19.6	2003	49
Snug Plains (Cataract Falls)	8.6	13.8	1974	48
Hobart (Strickland Reserve)	5.2	12.0	1974	43
Taroona (Taroona Crescent)	3.6	9.2	1974	43
Togari (Renison Road)	8.2	16.2	1999	42
Ellendale Post Office	5.8	8.4	1939	41
Copping	11.8	17.8	2001	40
Elderslie South (Staples Sugarloaf)	4.6	7.4	1999	40
Margate (Sunnyside)	4.6	11.2	1974	40
Penguin (Ironcliffe Road)	10.2	12.6	1990	40
Huonville (Tutton Avenue)	6.6	9.6	1999	39
Marrawah	7.2	13.8	1999	38
Tahune Reserve	19.2	27.4	2001	38
Woolmoor (Macquarie River)	5.2	9.8	1990	37
Zeehan (West Coast Pioneers Museum)	26.8	47.0	1999	37
Orielton (East Orielton Road)	8.6	13.2	2003	36
King Island Airport	8.6	10.6	1976	34
Liena Road Bridge (Mersey River)	2.6	11.4	1966	34
Longley (Telopea)	5.7	18.0	2001	33
Westbury (Birralee Road)	8.3	10.8	1990	31
Lucaston (Bakers Creek Road)	6.0	11.0	1999	30
Northern Territory				
Timber Creek	71.2	87.0	1985	25

Highest Daily Rainfall on Record for Any Month

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
Queensland					
Anakie Richardson St	313.5	17	171.5	01/1958	112
Peakvale Station	205.4	17	120.7	01/1953	77
Eastmere	223.0	17	160.0	01/1977	38
Albro Station	171.4	17	113.0	01/1975	31
Listowel Downs	219.2	18	133.6	01/1963	129
Victoria					
Kanumbra (Brilliant Estate)	84.4	20	83.6	02/2005	40

Highest Daily Rainfall on Record for January

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
Queensland					
Heathlands Nat Park	153.4	08	150.0	1979	34
Alpha Post Office	162.4	17	126.5	1956	121
Mantuan Downs	162.0	19	155.2	1956	113
Gue	76.0	14	55.2	2005	68
Beaudesert Cryna	142.8	05	139.4	1894	113
Darlington	239.0	05	108.0	1976	32
Maroon Dam	106.0	05	99.1	1974	35
Killarney Post Office	147.2	05	93.5	1893	118
Stanthorpe Leslie Pde	130.3	05	99.6	1937	130
Applethorpe	122.0	05	66.8	1972	38
Wallen	69.0	18	67.0	2002	33
New South Wales					
Cobar MO	102.2	31	91.2	1995	46
Legume (New Koreelah)	147.6	05	116.1	1947	105
Old Koreelah	143.0	05	109.2	1947	96
Bonalbo PO	189.2	05	142.5	1959	95
Urbanville PO	174.8	05	140.0	1956	73
Murwillumbah (Taleswood)	190.6	05	188.0	1974	58
Bentley	135.0	05	221.0	1974	44
Green Pigeon	227.4	05	200.0	1974	43
Grevillia	150.0	05	111.2	1988	43
Lillian Rock	203.0	05	147.0	1989	45
Woolners Arm	177.6	05	119.4	1947	81
Victoria					
Kyabram DPI	82.9	20	60.8	1993	45
Murchison	77.0	20	76.2	1936	123
Murchison (Arcadia Sunnyville)	56.2	20	49.0	1973, 1982	39
Lima South (Lale Nillahcootie)	68.2	20	64.0	1984	41
Bairnsdale Waterworks	65.6	21	64.8	1982	41
Reefton (Upper Yarra Dam)	49.6	20	47.2	1991	36
Avenel PO	82.8	20	59.4	1904	105
Highlands (Glentannar)	73.0	20	61.0	1984	93
Mangalore Airport	90.4	20	49.8	1984	51
Kanumbra (Brilliant Estate)	84.4	20	58.8	2001	40
Northern Territory					
Adelaide River PO	144.0	05	133.0	1982	31
Alyangula Police	150.4	06	147.8	1998	29

Note: Some statistical records mentioned in this report are based on data that have yet to be fully validated