



SIGNIFICANT WEATHER – August 2007

SUMMARY

A complex low pressure system towards the end of the month brought strong to gale force winds to the Southeast coast and Wide Bay districts resulting in long term record monthly rainfall totals in Queensland.

Thunderstorms were reported in Queensland and New South Wales and windy conditions were recorded in New South Wales, Victoria, Tasmania, South Australia and Western Australia. Flooding in Tasmania caused significant disruption, damage and property losses.

EAST COAST LOW

Queensland

A complex low pressure system located east of Fraser Island and a large high east of Tasmania between the 21st and 25th brought strong to gale force winds which caused extensive power outages, dangerous surf and torrential rainfall to the Southeast Coast and Wide Bay districts. A 35 metre yacht was torn from its anchor and forced aground at Rainbow Beach on the 23rd. The low resulted in some daily totals exceeding long term average monthly rainfalls. Some very high daily totals concentrated over the Noosa, Maroochy and upper Mary catchments resulted in flash flooding at Tewantin and Noosaville on the 24th. The wettest single day was the 24th with 772mm at Coops Corner, 689mm at Mt Bilewilam and 529mm at Rainbow Beach.

THUNDERSTORMS

Queensland

Thunderstorms formed late on the 23rd and in the early hours of 24th on the Sunshine Coast and Wide Bay regions as a very active upper low moved through the area. Record breaking rainfall totals were recorded especially in the Noosa River catchment and around Rainbow Beach. Mt Bilewilam, about 10 kilometres south west of Rainbow Beach experienced the worst of the event. Rainfall totals for the periods from 20 minutes through to 72 hours exceeded the 100 year Annual Return Interval. Many rainfall records were set.

Reports of thunderstorm wind damage (trees and power lines down, roads closed from debris, crops damaged) were also received from Tiaro on the 24th.

New South Wales

On the 16th at Narrabri (North West Slopes) 2cm hail was reported and at Leeton (Riverina) 2cm hail occurred.

WIND

New South Wales

Winds greater than 100 km/h were reported on:

1st	Thredbo 118 km/h
7th	Thredbo 115 km/h
8th	Thredbo 130 km/h
9th	Thredbo 126 km/h
10th	Mount Boyce 109 km/h Nowra 105 km/h Moss Vale 100 km/h Thredbo 131 km/h
11th	Mount Boyce 111 km/h Thredbo 115 km/h
21st	Byron Bay 115 km/h
28th	Thredbo 111 km/h
30th	Thredbo 131 km/h
31st	Bombala 107 km/h Thredbo 137 km/h

Victoria

Winds greater than 100 km/h were reported on:

1st	Wilson's Promontory 104 km/h
2nd	Aireys Inlet 100 km/h
3rd	Wilson's Promontory 104 km/h
9th	Falls Creek 117 km/h Wilson's Promontory 120 km/h Colac 105 km/h, Mount William 131 km/h Mount Buller 107 km/h Mt Hotham 100 km/h
10th	Mount William 137 km/h Wilson's Promontory 109 km/h Falls Creek 117 km/h Dinner Plain 109 km/h Mount Buller 111 km/h Mount Hotham 126 km/h Aireys Inlet 104 km/h Mt Moornapa 113 km/h

11th Falls Creek 109 km/h
Colac 100 km/h
Mt Hotham 130 km/h
Wilson's Promontory 111 km/h
28th Mt Hotham 100 km/h
30th Mt Hotham 111 km/h
Mount William 109 km/h
31st Mount Buller 122 km/h
Mount Moornapa 104 km/h
Mount William 111 km/h
Falls Creek 104 km/h
Cape Otway 100 km/h
Aireys Inlet 128 km/h
Mount Hotham 124 km/h
Gelantipy 113 km/h
Colac 107 km/h
Geelong Airport 118 km/h
Point Wilson 105 km/h
Avalon 111 km/h
Wilson Promontory 131 km/h

Tasmania

Winds greater than 100 km/h were reported on:

1st Swan Island 107 km/h, Cape Grim 106 km/h
2nd Cape Grim 113 km/h, Hogan Island 111 km/h
3rd Maatsuyker Island 102 km/h
Hogan Island 100 km/h, Cape Grim 100 km/h
4th Cape Grim 115 km/h, Hogan Island 100 km/h
6th Mount Wellington 122 km/h
7th Scotts Peak Dam 109 km/h
Maatsuyker Island 107 km/h
Mount Wellington 106 km/h
8th Maatsuyker Island 135 km/h
Scotts Peak Dam 135 km/h
Mount Wellington 126 km/h
Mount Read 122 km/h
Hartz Mountain 115 km/h Cape Grim 113 km/h
Eddystone Point 111 km/h, Warra 104 km/h
Tasman Island 102 km/h
9th Mount Read 156 km/h
Scotts Peak Dam 152 km/h
Maatsuyker Island 131 km/h
Eddystone Point 130 km/h
Cape Grim 130 km/h, Hogan Island 122 km/h
Hartz Mountain 119 km/h
Friendly Beaches 115 km/h
Tasman Island 107 km/h
Swan Island 102 km/h
Mount Wellington 102 km/h
St Helens Aerodrome 100 km/h
Maria Island 100 km/h
10th Mount Read 146 km/h,
Hogan Island 135 km/h, Cape Grim 133 km/h
Maatsuyker Island 122 km/h
Eddystone Point 119 km/h
Swan Island 115 km/h
Luncheon Hill 113 km/h
King Island Airport 104 km/h
Friendly Beaches 102 km/h
11th Hogan Island 124 km/h
20th Hartz Mountain 102 km/h
27th Mount Wellington 100 km/h
28th Mount Wellington 111 km/h
Maatsuyker Island 104 km/h

29th Maatsuyker Island 107 km/h
Mount Wellington 106 km/h
30th Mount Wellington 115 km/h
Maatsuyker Island 104 km/h
31st Hogan Island 150 km/h, Cape Grim 128 km/h
Mount Read 107 km/h
Flinders Island Airport 104 km/h
Swan Island 100 km/h
King Island Airport 100 km/h

South Australia

Northerly winds averaged 67 km/h at Port Lincoln ahead of an approaching front on the 27th.

Northerly winds reached gale force at a number of locations in a dry, warm to hot airstream ahead of an approaching front and low on the 30th. Severe winds in the northerlies were recorded at Ceduna (69 km/h gusting to 83 km/h), Cleve (59 km/h gusting to 93 km/h), Edinburgh (65 km/h gusting to 83 km/h), Edithburgh (65 km/h gusting to 85 km/h), Hindmarsh Island (65 km/h, gusting to 82 km/h). Rapid development of a low off the Lower South East coast during the evening resulted in gale force winds near the Lower South East coast overnight. Severe winds in the west southwesterlies included Cape Jaffa (76 km/h gusting to 96 km/h), Cape Willoughby (70 km/h, gusting to 106 km/h), Neptune Island (76 km/h gusting to 95 km/h) and Stenhouse Bay (69 km/h gusting to 83 km/h).

Western Australia

On the 1st the passage of a cold front embedded in a westerly airstream produced a wind gust of 102 km/h at Cape Leeuwin and 96 km/h at Cape Naturaliste.

The passage of a cold front produced a wind gust of 96 km/h at Esperance Aerodrome and 113 km/h at Norseman Airport on the 6th. Several other sites in southeastern parts of the South West Land Division and southern Goldfields recorded wind gusts between 74 and 89 km/h. Only minor damage was reported at Norseman.

On the 9th the passage of a cold front and rain band produced a wind gust of 96 km/h at Cape Leeuwin. No damage was reported.

The passage of a cold front produced a wind gust of 93 km/h at Cape Leeuwin on the 22nd. No damage was reported.

On the 26th the passage of a cold front produced a wind gust of 122 km/h at Cape Leeuwin. Other severe wind gusts included 106 km/h at Rottnest Island, 104 km/h at Cape Naturaliste, 102 km/h at Busselton Jetty, 100 km/h at Busselton Airport and 94 km/h at Bunbury. No damage was reported.

On the 29th the passage of a cold front produced a wind gust of 94km/h at Rottneest in a post frontal cold pool. No damage was reported.

FLOODING

Tasmania

Major flooding was reported in the Forth river on the 10th and into the 11th. At least 10 families were evacuated from their homes, major roads were closed and significant losses were reported when a vegetable processing facility was inundated. Peak heights were: Below Wilmot Dam 6.68 metres on the 10th.

Moderate flooding was reported in the Huon River on the 10th, with businesses in the main street inundated and major roads closed. Peak heights were: Judbury 6.22 metres and Huonville 3.99 metres on the 10th, the highest levels since August 1975.

Major flooding was reported in the middle reaches of the River Derwent, with several major roads closed causing disruption to several schools. Peak heights were: Macquarie Plains 6.38 metres and Below Meadowbank Dam 7.60 metres on the 10th. Minor flooding extended downstream, with New Norfolk reaching 2.6 metres around noon on the 11th, leading to the evacuation of a caravan park.

Moderate flooding was reported in the upper reaches of the South Esk River causing the closure of major roads. Peak heights were: Fingal 5.92 metres on the 11th, Llewellyn 5.5 metres on the 12th, Perth 5.0 metres on the 13th.

The lower reaches of the North Esk River reached major flooding. Corra Linn peaked at 3.24 metres on the 11th. Moderate to major flooding was observed in the Ringarooma River on the 10th. At least 40 homes in Branxholm were evacuated, and significant damage was sustained by roads and bridges, with damage estimated at 2 to 5 million dollars.

Strong flows in other rivers also caused damage and disruption around the 10th. Several homes in Derby were evacuated, the Tayatea Bridge over the Arthur River was washed away. There were also several reports of inundation of low-lying coastal areas in the southeast and the west, from a combination of strong stream flows, onshore winds and low atmospheric pressure leading to abnormally high tides.

BUSHFIRES

South Australia

On the 30th a Fire Ban was issued by the Country Fire Service, which was the first time during winter in South Australia. Extreme fire danger in forestry areas

was forecast in a dry, warm northerly airstream with strong to gale force winds. The Country Fire Service declared Total Fire Bans for the West Coast, Eastern Eyre Peninsula, Lower Eyre Peninsular and the Mount Lofty Ranges.

Northern Territory

A number of significant fires occurred in the northern half of the Northern Territory during August. Fires affected the following areas: near Lambells Lagoon from 4-5th and 19-20th, near Batchelor on the 6th, 12th and 27th, near Darwin River Dam on the 5-6th and 27th-28th near Twin Hills Station late in the month. Another fire was also reported near Numbulwar.

A large fire near Tennant Creek in the first few days of the month affected the area between the Barkly Highway and the southern boundary of Brunchilly Station. There was no significant loss of property.

Another large fire near the Three Ways to the north of Tennant Creek burnt for about a week starting around the 20th. Approximately 6,000 square kilometres were affected with the loss of stock fodder. Around the same time another large fire near Warrego affected approximately 2,000 square kilometres. There was no significant property loss. A smaller fire affected the area around Ammaroo in the middle of the month.

TEMPERATURE

Highest Mean Maximum Temperature for August

Station	Actual °C	Previous Highest °C	Year	Years of Record
Victoria				
Essendon Airport	16.3	16.0	1940	38
Tasmania				
Eddystone Point	15.0	15.0	2006	50
South Australia				
Neptune Island	16.8	16.8	2006	44
Cape Willoughby	15.9	15.8	2006	40

Highest Mean Minimum Temperature for August

Station	Actual °C	Previous Highest °C	Year	Years of Record
New South Wales				
Tabulam (Muirne)	9.8	9.7	1998	36
Smoky Cape	13.2	13.1	1982	68
Nelson Bay	12.7	11.5	2006	87
Newcastle Nobbys Head)	12.1	11.6	1998	145
Paterson	9.1	8.9	1998	37
Lostock Dam	9.5	8.4	1975	37
Cowra	6.5	6.4	1998	64
Oberon	2.2	1.8	1969	61
Orange A/P	3.6	3.3	1998	39
Sydney A/P	11.2	10.7	1998	68
Sydney Observatory Hill	11.7	11.1	1987	148
Riverview Observatory	10.2	9.4	1998	98
Bowral	6.1	5.2	1998	41
Taralga	4.0	3.4	1998	51
Goulburn	5.4	4.4	1998	35
Victoria				
Orbost Comparison	6.5	6.4	1939	67
South Australia				
Neptune Island	12.4	12.4	2006	45

Western Australia
Albany 10.3 10.0 2006 90

Wollogorang 18.8 17 22.3 1990 26
Alyangula Police 21.7 17 23.2 1996 24

Highest Daily Maximum Temperature for August

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
New South Wales					
Narrandera	28.6	30	28.5	1977	37
Hillston	30.7	30	30.2	1995	50
Griffith A/P	30.0	30	29.0	2004	36
Victoria					
Laverton RAAF	26.8	27	26.4	1982	64
Mildura Airport	29.9	30	29.7	1995	62
Gabo Island LH	26.4	31	23.9	1958	51
Scoresby Research	24.3	27	24.2	1982	41
Wilsons Promontory	24.4	30	23.3	1995	51
Wonthaggi	24.0	27	24.0	1995	39
Essendon Airport	24.4	27	24.3	1940	38
South Australia					
Kyancutta	33.2	30	32.3	1936	77
Ceduna AMO	33.6	30	33.0	1977	67
Mount Gambier Aero	26.6	30	24.8	1995	66
Adelaide Airport	29.9	30	27.3	1977	53
Lameroo Comparison	29.6	30	29.5	1982	51
Maitland	28.0	30	27.2	1977	51
Mount Barker	27.2	30	25.5	1977	51
Parafield Airport	30.4	30	28.2	1977	51
Cleve	30.2	30	30.2	1962	50
Elliston	29.5	30	28.6	1977	46
Keith	29.2	30	28.6	1982	46
Neptune Island	25.9	30	23.0	1982	46
Eudunda	27.4	30	27.4	1977	43
Murray Bridge Comp	30.9	30	29.8	1982	42
Cape Willoughby	22.1	30	21.3	2004	40
Hawker	30.0	30	29.1	2004	40
Kimba	30.0	30	29.1	1977	40
Edinburgh RAAF	30.8	30	29.3	1977	35
Adelaide Kent Town	30.4	30	27.8	1982	31
Western Australia					
Bidyadanga	38.0	31	37.8	1996	48
Wittenoom	34.5	29	34.4	1977	55

Highest Daily Minimum Temperature for August

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
Queensland					
Brigalow Res Stn	18.5	17	18.4	1997	39
Texas PO	16.4	25	15.3	1973	39
New South Wales					
Ivanhoe	16.4	31	16.1	1969	48
Murwillumbah	17.5	17	16.9	1991	34
Goulburn	11.6	31	11.4	2005	35
Wyalong	15.6	31	14.3	1995	42
Narrandera	15.3	31	14.5	1973	37
Hay	15.6	31	14.5	1969	50
Lake Cargelligo	17.5	31	13.8	1995	42
Griffith A/P	17.0	31	15.1	1982	36
Victoria					
Essendon Airport	14.2	31	14.0	2004	38
Melbourne Airport	13.3	31	13.3	1999	38
Strathbogie	11.7	28	11.6	2004	30
Western Australia					
Cape Naturaliste	17.1	19	17.0	1989	51

Lowest Daily Maximum for August

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
Northern Territory					
Darwin A/P	25.1	17	25.3	1990	66
Larrimah	18.8	17	22.0	1990	42
Brunette Downs	15.6	17	16.7	2003	40
Oenpelli	25.5	17	25.6	1990	40
Warruwi AWS	23.9	17	24.0	1990	39
Daly Waters AWS	17.7	17	21.9	1953	37
Centre Island AWS	20.7	17	21.4	1990	31
Jabiru A/P	25.7	17	28.4	1986	28
Mango Farm	22.1	17	25.3	1990	27

RAINFALL

Highest Monthly Rainfall on Record for August

Station	Actual mm	Previous Highest mm	Year	Years of Record
Queensland				
Mt Perry The Pines	125.0	116.2	1953	119
Waterloo	142.0	118.1	1953	98
Dingle Dell	111.5	79.6	1998	32
Amberley AMO	93.7	92.5	1966	66
Bauple	214.4	141.0	1901	110
Biggenden PO	101.8	100.4	1971	109
Brooweena Lahey St	160.2	96.4	1989	63
Conondale Township	245.0	117.3	1969	58
Como	642.4	183.8	1971	69
Cooroy Composite	567.9	167.0	1893	115
Double Is Pt	405.8	250.2	1988	114
Lighthouse				
Eumundi – Crescent Rd	572.0	186.7	1978	101
Goomborian	404.0	136.0	1989	94
Webster Rd				
Imbil PO	195.8	148.4	2002	90
Jimna Composite	155.8	130.0	1969	81
Kandanga PO	236.4	147.0	2002	89
Kenilworth Township	180.6	136.2	1969	105
Landsborough PO	204.2	204.0	1916	116
Little Yabba Str 274	169.5	158.9	1969	67
Maleny Tamarind St	533.6	246.2	1953	92
Gallangowan Forestry	114.2	110.5	1989	74
Mapleton PO	375.0	157.2	2002	102
Graglands	333.6	189.2	1921	98
Mt Brisbane	99.6	95.5	1969	114
Mount Joseph	112.4	100.8	1971	96
Peachester Woodford Rd	298.1	147.6	1966	91
Green Mountains	253.0	239.6	1966	80
Theebine	218.4	121.2	1901	114
Traveston	350.2	129.0	1963	70
Tuan Creek Forest Stn	263.2	150.0	1989	60
Lindfield	211.8	118.4	1969	85
Nambour Dpi	365.4	150.6	2002	55
Beeburum Forest Stn	245.0	135.9	1969	62
Wamuran PO	157.5	121.0	1998	53
Kandanga Upper	190.8	139.2	2002	52
Teddington	203.0	127.4	1971	57
Waterworks				
Maleny Denning Rd	487.8	280.2	1947	80
Toogoom	138.2	120.4	2002	37
Miami Bardon Ave	195.4	195.0	1987	40
Rochedale South	119.8	119.4	2002	39
Urangan Hibiscus St	180.6	112.8	2002	39
Placid Hills	84.1	72.6	1987	38
Toolara Forestry	502.9	156.6	1989	38
Cannon Hills Bowls Club	114.0	110.8	1998	35
Marodian Homestead	125.8	102.0	1989	82
Borumba Dam	144.4	140.2	2002	47
Caloundra Wtp	320.2	163.0	1993	35
Boondall	120.2	103.4	2002	31
Dunwich	194.2	139.9	1966	36
Darlington	135.8	120.4	1987	33
Strathpine Colonial Drive	130.6	107.0	2002	31
Danewood Vale	224.6	93.4	1999	43
Greenbank	87.0	79.0	1987	30
Thompson Rd				
Withcott	79.6	70.4	2002	33
Mt Stanley Stn	95.2	78.0	1988	31
Palmwoods Hobson St	375.4	142.0	2002	78
The Head	111.4	109.7	1969	49
Queen Mary Falls	115.8	114.0	1987	49
Tipton Bridge	123.8	88.5	1971	36
Oakey Aero	68.8	62.8	1978	38
Moyola	69.0	58.8	1988	36

New South Wales

Drake	163.1	148.3	1987	115
Bonalbo	126.9	117.9	1957	94
Yarrowitch	141.0	133.4	1968	49
Baryulgil (Mountain View)	178.0	130.1	1987	46
Tabulam (Muirne)	160.4	139.0	1987	37
Grafton Research	189.2	182.6	1952	90
Grafton (Olympic Pool)	193.0	174.7	1969	40
Alstonville	262.5	219.2	1969	44
Willawarrin	320.8	238.2	1969	46
Bowraville	289.4	212.6	1998	33
Doon Doon (Mccabes Rd)	276.1	270.2	1987	55
Ulmarra	235.4	209.8	1952	116
Copmanhurst	243.8	179.4	2006	50
Grevillia	164.0	140.0	1966	42
Clunes	215.5	212.4	1987	45
Kingscliff	177.2	167.8	1987	38
Iluka	233.0	225.5	2006	37
Rosebank (Upper Coopers Creek)	256.0	251.0	1987	32
Lower Bucca	289.8	276.7	1906	106
Coramba	411.3	352.7	1952	116
Ebor	313.8	305.1	1944	79
Glenreagh	312.0	206.2	1957	54
Willawarrin	320.8	238.2	1969	46
Eungai Creek	300.4	275.3	1969	42
Nana Glen	389.8	200.0	1987	49
Leigh	462.4	236.8	1987	33

Northern Territory

Ngukurr	20.4	8.3	1973	67
Mataranka	49.6	14.6	1974	56
Homestead Resort				
Larrimah	17.2	11.7	1956	52
Katherine Rural	31.4	11.0	1974	42
College				
Elsley	41.2	8.0	1974	40
Maningrida	10.3	1.5	1966	38
Douglas River	20.8	8.4	2003	35
Hodgson River	32.6	31.8	1974	32
McArthur River Mine	12.6	0.6	1985	32
Daly Waters AWS	9.4	6.3	1947	31
Katherine Aviation Museum	32.4	20.3	1971	29
Wollogorang	10.4	8.2	1986	28
Mataranka Station	50.2	10.2	1966	24

Lowest Monthly Rainfall on Record for August

Station	Actual mm	Previous Lowest mm	Year	Years of Record
New South Wales				
Broken Hill (Patton St)	0.0	0.0	1946/1914	118
Broken Hill A/P	0.0	0.0	1982	57
Berrigan PO	0.2	0.3	1944	132
Moulamein PO	0.0	0.0	1914	119
Wentworth (Burtundy)	0.4	1.5	1994	127
Ginninderra CSIRO	7.6	8.1	1978	45
Bendora Dam	8.8	18.0	1995	33
Yarrangobilly caves	4.4	8.9	1914	101
Tuppall	3.4	3.8	1982	57
South Australia				
Marree Comparison	0.0	0.0	2006	123
Roseworthy	3.2	7.7	1944	120
Brinkworth	3.6	3.6	1914	109
Gawler Council Depot	6.8	9.4	1994	99
Penneshaw	6.4	12.6	2006	96
Alawoona	4.4	5.4	1944	86
Myponga	4.8	11.0	1914	86
Adelaide Torrens Is	8.0	10.8	2006	79
Arkaroola	0.0	0.0	2006	69
Barmera	1.2	1.4	1994	68
Peebinga	1.6	4.0	1977	54
Morphetville	1.0	13.2	1994	52
Racecourse				
South Para Reservoir	17.8	23.4	2006	40
Caliph	3.6	4.0	1994	34
Western Australia				
Mouroubra	4.0	4.4	1989	62
Pindawa	9.8	9.9	1960	50

Highest Daily Rainfall on Record for Any Month

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
Queensland					
Double Island Point Lighthouse	305.6	24	262.4	Feb 1931	114

Highest Daily Rainfall on Record for August

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
Queensland					
Waterloo	89.0	24	70.6	1953	98
Bauple	100.0	25	98.4	1989	110
Conondale Township	87.6	24	81.5	1969	58
Como	251.4	24	97.2	1989	69
Cooroy Composite	251.0	24	91.9	1893	115
Double Island Point LH	305.6	24	81.8	1920	114
Eumundi -Crescent Rd	278.0	24	71.1	1969	101
Goomborian Webster Rd	191.0	25	103.0	1989	94
Imbil PO	115.6	24	56.9	1939	90
Jimna Composite	73.6	24	69.3	1969	81
Kandanga PO	135.0	24	61.6	1989	89
Kenilworth Township	106.0	24	94.0	1969	105
Maleny Tamarind St	176.0	24	73.7	1925	92
Gallangowan Forestry	61.0	24	58.0	1988	74
Mapleton PO	149.0	24	86.2	1989	102
Craglands	142.0	24	88.9	1925	98
Mt Nebo PO	76.4	20	69.1	1954	58
Peachester Woodford Rd	108.0	24	76.2	1925	91
Green Mountains	158.0	22	96.5	1939	80
Theebine	92.0	25	83.0	1989	114
Traveston	172.2	24	74.2	1989	70
Tuan Creek Forest Stn	119.0	25	117.0	1989	60
Lindfield	79.8	24	74.7	1969	85
Nambour Dpi	166.0	24	60.5	1953	55
Beerburum Forest Stn	93.4	24	73.7	1969	62
Wamuran PO	70.4	24	57.4	1965	53
Kandanga Upper	94.4	24	60.0	1989	52
Maleny Denning Rd	157.0	24	97.0	1953	80
Urangan Hibiscus St	79.8	25	59.4	1989	39
Placid Hills	42.8	20	39.2	1987	38
Toolara Forestry	218.0	25	123.0	1989	38
Borumba Dam	83.8	24	80.6	1989	47
Boondall	45.4	24	44.0	1988	31
Darlington	76.4	22	43.0	1987	33
Danewood Vale	76.2	24	57.2	1969	43
Withcott	40.6	20	40.6	2002	33
Palmwoods Hobson St	163.4	24	90.2	1969	78
Ballandean PO	39.0	20	36.4	1985	41
Ellangowan	36.2	20	34.0	1999	55
New South Wales					
Woolbrook	44.4	21	39.6	1971	49
Somerton	40.0	21	39.6	1971	49
Moonbi (Bellevue)	43.8	21	38.1	1968	49
Tamworth (Hillgrove)	43.4	21	35.6	1971	38
Bendemmer (Banalasta)	45.2	21	37.2	1985	33
Armidale (Tiverton)	45.0	21	30.0	1966	46
Dundee (Wattle Dale)	72.0	21	60.5	1968	49
Guyra (Gowan Brae)	47.4	21	38.1	1969	43
Mount Mitchell (Tirranna)	55.0	21	38.6	1966	43
Yarrowitch (Benditi)	81.0	21	63.5	1968	49
Guyra (Myløe)	62.4	21	47.6	1998	46
Lower Creek (Cedar Park)	123.0	21	93.2	1969	46
Old Bonalbo (Alcheringa)	30.0	20	29.0	1981	97
Tabulam (Muirne)	43.4	20	41.0	1987	37
Doon Doon	122.0	22	99.1	1965	55
Harwood Island	133.6	21	122.8	2006	92
Grafton Research Stn	99.8	21	96.6	2006	90
Grafton south	105.0	21	104.1	1969	43
Grevillia (Lindesay View)	88.2	22	58.4	1968	42
Grafton Olympic Pool	111.3	20	84.2	2006	41
Loadstone (High View)	65.0	22	48.0	1988	38
Kyogle	57.6	22	40.0	1987	102
Iluka	141.0	21	122.0	2006	37
Bowraville	271.0	21	181.6	1949	117
Coramba (Glenfiddich)	252.4	21	185.4	1944	116
Urunga	238.4	21	203.2	1949	94
Glenreagh	195.0	21	144.5	1957	54

Willawarrin (Denleigh)	253.4	21	110.7	1968	46
Eungai Creek	229.2	21	127.0	1968	42
Bowraville (Cow Cownty)	203.8	21	88.4	1998	34
Leigh (Rolling Acres)	209.0	21	110.0	2006	33
Thumb Creek	160.4	21	87.6	1969	46
Nana Glen	254.0	21	68.0	1987	49
Upper Rollands Plains	152.2	21	76.0	1998	46
Bretti	82.8	21	47.6	1996	46
Gloucester (Upper Bowman)	79.4	21	62.2	1969	42
Comboyne South	167.0	21	155.2	1969	41
Yarras (Mount Seaview)	168.6	21	98.8	1969	58
Birdwood	111.2	21	81.3	1969	38
Nowendoc (Green Hills)	73.8	21	43.6	1996	36
The Entrance	150.0	20	130.0	1998	64
Gosford (Narara)	143.8	20	119.2	1990	91
Upper Rouchel	92.0	22	61.7	1968	46
Tasmania					
Osterley	48.4	10	45.0	1991	95
Ouse (Millbrook)	45.6	10	38.8	1991	89
Bagdad PO	46.2	10	45.4	1976	84
Montagu (Montagu Rd)	44.0	02	43.0	2001	46
Port Davey (Melaleuca)	83.2	10	76.8	2003	39
Geeveston (Cemetery Rd)	57.4	10	49.2	2003	37
Ellendale PO	54.0	10	36.6	1917	36
Strathgordon (Gordon Power Station)	102.2	10	88.4	1995	35
Northern Territory					
Ngukurr	10.4	17	2.8	1924	68
Mataranka Homestead Resort	44.0	17	11.2	1974	56
Larrimah	12.4	17	11.7	1956	52
Katherine Rural College	19.8	17	11.0	1974	42
Elsey	41.2	17	6.1	1966	40
Maningrida	8.9	17	1.3	1988	38
Douglas River	13.4	18	8.4	2003	35
Hodgson River	26.6	17	19.1	1974	32
McArthur River Mine	11.6	17	0.4	1985	32
Daly Waters AWS	7.4	17	3.3	1947	31
Katherine Aviation Museum	27.0	17	20.3	1971	29
Mataranka Station	39.2	17	9.7	1966	24

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