



SIGNIFICANT WEATHER – September 2007

SUMMARY

Thunderstorms were reported in Queensland and New South Wales. A tornado was reported in Western Australia causing minor damage. Windy conditions were recorded in all states. There was flooding in parts of Queensland's Sunshine Coast. Large areas of central northern New South Wales recorded their lowest ever monthly rainfall totals.

THUNDERSTORMS/TORNADOES

Queensland

On the 11th marble sized hail was reported at Algester and Sunnybank and up to 1.5cm in diameter hail was reported at Heritage Park and Springwood.

On the 22nd thunderstorms occurred in the south east of the state. Hail up to 3.5 cm in diameter was reported near Allora. One small cell in the Enoggera area produced very heavy rainfall.

New South Wales

On the 14th at Sutherland (Metropolitan) a thunderstorm with strong winds and hail caused minor damage to houses. At Laurieton (Mid North Coast) a thunderstorm with strong winds and brief heavy rain was reported.

On the 22nd at Coffs Harbour (Mid North Coast) thunderstorms with very heavy rain were reported and 108mm of rain fell in about 3 hours at Shepards Lane. There were reports of flash flooding in the area.

Western Australia

On the 12th a weak tornado associated with a pre-frontal line of showers passed through Perth's western suburbs. Damage was mostly minor, roof tiles were lifted and patios and trees were damaged. Damage also occurred through the suburbs of Wembley Downs, Woodlands and Innaloo.

WIND

Queensland

Winds greater than 90 km/h were reported on:

04th	Point Lookout 107 km/h
05th	Rundle Island 104 km/h Cape Moreton Lighthouse 96 km/h Double Island Point Lighthouse 94 km/h
23rd	Double Island Point Lighthouse 96 km/h

New South Wales

Winds greater than 100 km/h were reported on:

10th	Thredbo AWS 117 km/h
13th	Thredbo AWS 102 km/h
14th	Thredbo AWS 115 km/h
16th	Condobolin Airport AWS 117 km/h Thredbo AWS 102 km/h Hay Airport AWS 100 km/h
19th	Thredbo AWS 100 km/h
28th	Bombala AWS 107 km/h Thredbo AWS 115 km/h
29th	Thredbo AWS 109 km/h
30th	Bellambi AWS 104 km/h Thredbo AWS 128 km/h

Victoria

Winds greater than 100 km/h were reported on:

10th	Mt Hotham 102 km/h
13th	Mount William 104 km/h, Mount Buller 104 km/h, Mt Hotham 113 km/h
14th	Falls Creek 109 km/h, Mt Hotham 120 km/h, Falls Creek 107 km/h, Wilsons Promontory 113 km/h, Mount William 122 km/h
16th	Mt Hotham 102 km/h
17th	Wilsons Promontory 105 km/h
19th	Mount William 111 km/h
24th	Wilsons Promontory 102 km/h, Mount William 117 km/h
27th	Mt Hotham 107 km/h
28th	Mt Hotham 105 km/h, Colac 109 km/h, Geelong Airport 105 km/h, Cerberus 104 km/h, South Channel Island 111 km/h, Falls Creek 107 km/h, Port Fairy 105 km/h, Wilsons Promontory 102 km/h

Tasmania

Winds greater than 100 km/h were reported on:

1st	Maatsuyker Island 107 km/h
2nd	Maatsuyker Island 111 km/h
3rd	Tasman Island 109 km/h Mount Wellington 107 km/h
6th	Mount Read 102 km/h
14th	Hogan Island 115 km/h Mount Wellington 104 km/h Mount Read 102 km/h, Cape Grim 100 km/h
15th	Hogan Island 106 km/h Mount Wellington 100 km/h
16th	Mount Read 107 km/h
18th	Maatsuyker Island 100 km/h
19th	Mount Wellington 106 km/h Droughty Hill 104 km/h
21st	Mount Wellington 102 km/h
26th	Mount Read 106 km/h
27th	Cape Grim 120 km/h, Swan Island 109 km/h Maatsuyker Island 104 km/h Hogan Island 104 km/h Mount Read 104 km/h Mount Wellington 102 km/h
28th	Hogan Island 135 km/h Maatsuyker Island 126 km/h Droughty Hill 122 km/h Cape Grim 119 km/h Scotts Peak Dam 107 km/h Mount Wellington 104 km/h Tasman Island 104 km/h Swan Island 102 km/h Mount Read 100 km/h
29th	Scotts Peak Dam 135 km/h Maatsuyker Island 135 km/h Mount Read 128 km/h Hogan Island 120 km/h Cape Grim 120 km/h Hartz Mountain 115 km/h Eddystone Point 109 km/h Droughty Hill 107 km/h Mount Wellington 107 km/h Swan Island 102 km/h, Hobart 100 km/h
30th	Maatsuyker Island 124 km/h Cape Grim 119 km/h, Mount Read 115 km/h Hogan Island 115 km/h Mount Wellington 113 km/h Droughty Hill 111 km/h Hartz Mountain 100 km/h

South Australia

The passage of a front on the 16th resulted in a severe gust to 91 km/h at Lameroo and gale force winds at Yunta. No significant damage was reported.

On the 19th the passage of another front resulted in severe wind gusts at Edithburgh, Woomera and Naracoorte, and gale force winds at Hindmarsh Island. No significant damage was reported.

A vigorous post-frontal air-stream in the early hours of the 26th caused wind gusts to 100 km/h and gale force winds at Marree. No significant damage was reported.

A front moved across South Australia in the afternoon and evening of the 27th, producing severe wind gusts at Port Lincoln, Mount Crawford, and Hindmarsh Island. Gale force winds were observed at Port Lincoln and Mount Crawford. A wind gust of 107 km/h was recorded at Cape Willoughby.

Following the front of the previous day, a ridge of high pressure moved quickly over the Bight in the morning of the 28th and produced a strong and gusty airstream with severe gusts at Robe, Cape Jaffa, Mount Gambier and Cape Willoughby. No significant damage was reported.

Western Australia

On the 4th the passage of a cold front produced a wind gust of 100 km/h at Cape Leeuwin and 91 km/h at Jacup. No damage was reported.

On the 12th a strong westerly gradient caused strong winds mainly about the South West and South Coast districts. The strongest wind gust recorded was 109 km/h at Cape Leeuwin. Other severe wind gusts recorded were 106 km/h at Cape Naturaliste and Norseman, 98 km/h at Busselton Jetty, 94 km/h at Rottneest Island, 93 km/h at Ocean Reef and 91 km/h at Swanbourne.

On the 14th wind gusts to 107 km/h at Cape Naturaliste, 98 km/h at Busselton and 94 km/h at Cape Leeuwin were recorded in a strong westerly gradient. No damage was reported.

Northern Territory

On the 5th a dust devil was reported at Tennant Creek, roofing was torn off a residential carport and an industrial shed lost its entire roof which was blown 50 metres.

FLOODING

Queensland

Heavy rainfall was recorded on the Sunshine Coast on the 4th and 5th; major flooding peaked on the 6th at Yandina Creek.

BUSHFIRES

New South Wales

A bushfire was started by lightning on the 22nd at Boonoo Boonoo National Park about 30 kilometres northeast of Tenterfield (Northern Tablelands) 1,395 hectares were burnt over the next 5 days.

TEMPERATURE

Highest Mean Maximum Temperature for September

Station	Actual °C	Previous Highest °C	Year	Years of Record
South Australia				
Adelaide Airport	20.8	20.6	2006	53
Elliston	22.0	21.8	2006	46
Murray Bridge Comp	22.5	22.3	2006	42
Cape Willoughby	17.6	17.5	2001	39
Western Australia				
Mandora	35.9	35.7	1981	39
Northern Territory				
Yuendumu	33.1	32.4	1980	36

Highest Mean Minimum Temperature for September

Station	Actual °C	Previous Highest °C	Year	Years of Record
South Australia				
Marree Comp	13.1	12.4	1999	68

Highest Daily Maximum Temperature for September

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
South Australia					
Oodnadatta Airport	40.7	25	40.5	1980	58
Western Australia					
Onslow	38.9	02	37.8	1959	47
Northern Territory					
Yuendumu	38.2	25	38.1	2000	39
Kulgera	38.6	25	38.5	2004	26

Lowest Daily Maximum Temperature for September

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
Queensland					
Brigalow Res Stn	16.0	05	16.3	1974	39
Gayndah PO	16.0	05	16.7	1935	115
Injune PO	13.9	05	14.9	1992	41
Mitchell PO	13.8	05	14.4	1993	38
New South Wales					
Tabulam	11.3	05	11.9	1975	37

Lowest Daily Minimum for September

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
Victoria					
Echuca Aero	-1.0	01	-1.0	2006	51
Point Hicks LH	1.5	29	1.8	1970	38
South Australia					
Ceduna AMO	-1.2	01	-1.1	1952	67
Western Australia					
Kimberley RS	7.5	07	9.4	2003	54
Northern Territory					
Timber Creek	10.2	07	10.4	2006	26

RAINFALL

Lowest Monthly Rainfall on Record for September

Station	Actual mm	Previous Lowest mm	Year	Years of Record
New South Wales				
White Cliffs	0.0	0.0	Numerous	106
Byrock	0.0	0.0	Numerous	117
Cobar MO	0.0	0.0	1989	45
Wanaaring	0.0	0.0	Numerous	123
Euston (Turlee)	0.2	0.5	1968	47
Goonumbla	0.4	0.6	1957	65
Peak Hill (Waratah)	0.8	2.1	1961	46
Trundle	0.2	0.5	1957	119
Trundle (Huntingdale)	0.3	5.0	2003	39
Wilmatha (Wanganui)	0.0	2.0	1989	39
Yalgogrín North	1.8	2.6	1957	120
Gwabegar	0.0	0.0	1980, 1967, 1928	79
Narrabri West	0.0	0.0	1914, 1919, 1980	116
Pine Ridge	0.0	0.8	1945	86
Delungra (Pearsby Hall)	1.5	1.6	1980	89
Wallabadah	1.6	1.8	1957	115
Woolbrook	2.5	4.6	1980	49
Winton (Dalblair)	1.8	3.8	1994	49
Somerton (Lonou)	0.4	2.0	1980	49
Tamworth (Hillgrove)	0.6	1.2	1980	38
Bundarra (Sth Winscombe)	2.6	4.4	2003	42
Euchareena (Molong Rd)	2.6	6.0	1980	46
Bundarra (Beverley)	3.4	3.6	1989	42
Uralla	1.7	2.4	1980	106
Hargraves (Edge Hill)	2.6	5.8	1980	36
Bathurst Ag.	3.8	4.4	1957	99
Bigga (Greenmantle)	10.0	22.8	2006	46
Neville	17.2	27.8	1994	45
Crooked Corner	15.2	22.8	1994	47
Lyndhurst Old Bakery	9.7	13.8	1994	47
Rockley	7.8	10.0	1957	115
Walli (Kentucky)	8.5	20.1	1972	39
The Lagoon (Springfield)	4.6	11.4	1980	39
Orange Airport	8.8	25.5	1972	39
Orange Ag.	9.0	19.8	1972	41
Tuena	11.2	18.8	1957	56
Dunedoo	0.0	0.3	1957	103
Mendooran	0.0	0.0	Numerous	121
Cudal	4.0	5.6	1957	122
Manildra	1.6	1.8	1957	114
Molong	3.6	3.8	1957	123
Cowra Airport	3.4	10.2	1994	40
Grenfell (Corwood)	6.2	12.0	2006	39
Oaklands PO	2.4	2.5	1946	121
Jerilderie	1.0	4.3	1944	121
Hopefield (Barnweal)	5.8	8.3	1972	78
Murrumburrah Old PO	4.2	5.1	1946	122
The Rock	4.0	4.3	1944	113
Rand PO	8.4	11.2	1968	53
Pulletop (Wolonga)	11.2	16.6	1968	41
Belfrayden (North Mayfield)	6.8	10.6	1972	39
Marrar (Brigadoon)	7.2	9.7	1972	39
Ganmain (Rosedale)	4.8	10.4	1968	39
Urana PO	2.0	3.4	1946	136
Tocumwal	2.2	3.9	1972	110
Narrandera	5.9	10.0	1994	37
Booligal (Belmont)	0.6	1.0	1914	117
Lake Cargelligo (Wooyeo)	1.2	4.3	1972	101
Groongal (Gundaline)	0.0	0.8	1889	127
Euberta (East View)	5.8	14.5	1972	35
Gunbar (Kelsey)	0.2	2.8	1968	39
Griffith Airport	2.2	6.1	1972	49
Victoria				
Tatura Ag	6.2	7.2	1968	66
East Sale Airport	13.8	21.4	1999	65
Kyabram DPI	8.4	9.4	1987	44

Melbourne Airport	5.8	10.6	1981	38
Mallacoota	5.6	25.0	1999	30
South Australia				
Angaston	10.2	11.0	1944	124

Highest Daily Rainfall on Record for Any Month

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
Queensland					
Monavale	225.0	05	48.4	1998	58

Highest Daily Rainfall on Record for September

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
Queensland					
Pemberton	48.8	08	48.4	2002	67
Perillup	38.0	08	32.0	2002	92
Glenrose	16.2	12	10.8	2005	57
Byfield Childs Road	88.0	06	78.0	2006	79
Lindeman Island	62.0	05	54.0	1998	53
Yaamba	155.0	06	61.5	1917, 1931	109
Mackay MO	35.8	05	32.4	1998	48
Wilson Beach	41.2	05	33.8	1998	38
Monavale	225.0	05	48.4	1998	58
Belmont Csiro	64.0	06	47.8	2001	54
Carfax	67.8	05	52.1	1964	46
Essex	48.0	05	45.5	1970	40
Oxford Downs	49.2	06	46.5	1917	55
Aviemore	46.0	05	33.0	1993	34
Lady Elliot Island	95.8	06	65.0	1998	69
Redbank	98.2	06	42.4	1986	37
Dunwich	67.0	07	62.4	1974	36

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