



SIGNIFICANT WEATHER – July 2006

SUMMARY

Thunderstorms were reported in New South Wales, Victoria and South Australia. Winds were reported in New South Wales, Victoria, Tasmania and Western Australia. Bushfires occurred in the Northern Territory.

THUNDERSTORMS

New South Wales

On the 3rd at Lake Conjola a thunderstorm produced small hail and heavy rain caused flash flooding.

Victoria

On the 23rd at Woodend, Tecoma, and Trentham flash flooding and small hail from severe cold season thunderstorms caused disruptions on the highway at Woodend. At Trentham 37mm of rainfall was recorded in 90 minutes.

Two women survived after being hit by lightning in separate strikes at Ferntree Gully and Glen Waverley in Melbourne's east.

South Australia

A line of showers associated with a small front moved over Fleurieu Peninsula on the 30th. This resulted in 8 houses with roof damage at Port Willunga.

WIND

New South Wales

Wind gusts in excess of 90 km/h were reported on the following days:

1st Thredbo 118km/h
9th Thredbo 94 km/h
10th Thredbo 117 km/h
11th Thredbo 98 km/h
18th Norah Head 93 km/h
30th Thredbo 120 km/h

Victoria

On the 1st northwesterly winds produced wind gusts to 94km/h at Mt Hotham and 91km/h at Falls Creek and Mt Buller.

On the 5th, 6th and 7th strong westerly winds behind a frontal system produced wind gusts to 94km/h at Wilsons Promontory, and 91km/h at Lookout Hill.

On the 9th, 10th and 11th strong northerly winds ahead of a complex low pressure and cold frontal system produced wind gusts to 124km/h at Lookout Hill, 94km/h at the Grampians, 98km/h at Dunns Hill, 104km/h at Wilsons Promontory and 91km/h at Mt Buller.

On the 17th and 18th a low pressure system in the Tasman Sea produced strong southwest to southeasterly winds over eastern Victoria, with Mt Hotham recording wind gusts to 100km/h, 93km/h at Lookout Hill and 120km/h at Hamilton.

On the 31st strong westerly winds behind a cold front produced wind gusts to 123km/h at Wilsons Promontory and 120km/h at Mt William.

Tasmania

Wind gusts in excess of 100 km/h were reported on the following days:

1st	Maatsuyker Island 102 km/h
5th	Maatsuyker Island 104 km/h Scotts Peak Dam 100 km/h
6th	Mount Wellington 109 km/h Maatsuyker Island 107 km/h Hogan Island 102 km/h
7th	Mount Wellington 120 km/h Maatsuyker Island 115 km/h Hartz Mountain 107 km/h
8th	Mount Wellington 131 km/h Hartz Mountain 115 km/h Maatsuyker Island 113 km/h Cape Bruny 100 km/h
9th	Mount Wellington 126 km/h Droughty Hill 102 km/h Maatsuyker Island 100 km/h
10th	Mount Wellington 100 km/h,
11th	Maatsuyker Island 117 km/h Hogan Island 111 km/h Cape Grim 111 km/h Mount Wellington 102 km/h
12th	Tasman Island 117 km/h Maatsuyker Island 107 km/h Cape Bruny 100 km/h
13th	Tasman Island 111 km/h
30th	Maatsuyker Island 120 km/h Hogan Island 115 km/h Cape Grim 113 km/h Scotts Peak Dam 109 km/h Mount Wellington 100 km/h
31st	Hogan Island 117 km/h Cape Grim 109 km/h

Western Australia

On the 9th a moderate cold front moved across the Lower Southwest of Western Australia. Cape Leeuwin recorded a wind gust of 102 km/h as the front passed by the area. There was no damage reported.

On the 20th a moderate to strong cold front brought strong winds to western Perth suburbs during the evening. Rottneest Island recorded a wind gust of 98 km/h and Swanbourne recorded a wind gust of 91 km/h. No damage was reported.

On the 24th a moderate to strong cold front moved across the Lower Southwest of Western Australia during the day. Both Cape

Naturaliste and Cape Leeuwin recorded a wind gust of 94 km/h. Rottneest Island recorded a wind gust of 91 km/h. No damage was reported.

On the 27th a moderate to strong cold front moved across the Lower Southwest of Western Australia during the afternoon. Wind gusts were recorded up to 100 km/h along the Southwest coast and more than 90 km/h along the Lower west coast. No damage was reported.

BUSHFIRES

Northern Territory

Many fires burnt across the western and northern Top End, although none that endangered life or property.

Several large fires burnt in the southern parts of Litchfield National Park towards the end of the month, with widespread fire activity over northwest Arnhem Land.

TEMPERATURE

Highest Mean Maximum Temperature for July

Station	Actual °C	Previous	Year	Years of Record
		Highest °C		
Queensland				
Monto Township	22.6	22.3	2005	33
Brian Pastures	24.0	23.6	2004	37

Lowest Mean Minimum Temperature for July

Station	Actual °C	Previous	Year	Years of Record
		Lowest °C		
Western Australia				
Jurien Bay	7.5	7.8	1986	36
Learmonth A/P	9.2	9.4	1997	31
Mardie	8.4	9.0	1967	47
Telfer Aero	8.2	8.4	2002	30

Highest Daily Maximum Temperature for July

Station	Actual °C	Date	Previous	Year	Years of Record
			Highest °C		
Tasmania					
Marrawah	17.0	16	16.4	1975	36
Western Australia					
Carnamah	25.5	08	25.4	2005	45
Kalbarri	30.0	06	29.6	1977	30
Pearce RAAF	25.2	08	25.0	1976	46
Cape Naturaliste	22.9	08	21.7	1994	50
Goomalling	24.5	09	24.0	2002	30

Lowest Daily Maximum Temperature for any Month

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
South Australia					
Ceduna AMO	8.1	13	8.3	1956	66
Elliston	9.8	13	10.1	2005	45

Lowest Daily Maximum Temperature for July

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
South Australia					
Ceduna AMO	8.1	13	8.3	1956	66
Elliston	9.8	13	10.1	2005	45
Northern Territory					
Gove A/P	24.0	18	24.4	1986	27
Katherine Aviation Museum	23.8	18	24.1	2004	22

Lowest Daily Minimum Temperature for any Month

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
New South Wales					
Tenterfield	-10.6	10	-10.0	2002	41
Western Australia					
Pemberton	-1.1	22	0.0	2005	50

Lowest Daily Minimum Temperature for July

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
New South Wales					
Tenterfield	-10.6	10	-10.0	2002	41
Western Australia					
Kalbarri	-0.4	13	1.8	1986	30
Pearce RAAF	-1.0	22	-0.5	1997	48
Perth A/P	-0.8	22	-0.2	1998	62
Salmon Gums RS	-3.7	19	-3.5	2004	36
Pemberton	-1.1	22	0.0	2005	50

RAINFALL**Highest Monthly Rainfall on Record for July**

Station	Actual mm	Previous Highest mm	Year	Years of Record
Queensland				
Croydon Township	83.6	56.7	1944	118
Gilberton	50.4	49.4	1985	88
Cape Tribulation	420.8	391.1	1969	59
South Australia				
Maralinga	70.2	53.0	1974/1993	46
Western Australia				
Giles MO	58.6	55.2	1986	49
Northern Territory				
Jabiru A/P	47.4	37.2	1986	28
Ali Curung	34.4	24.1	1986	28

Highest Daily Rainfall on Record for July

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
Queensland					
Pinnacle	16.2	14	12.4	1996	36
Croydon Township	35.0	15	26.4	1891	118
Mornington Island	34.6	14	27.8	1986	81
Vanrook Stn	37.0	14	19.6	1938	82
Wondoola Stn	43.2	14	39.1	1944	85
Gregory Springs Stn	36.0	14	34.6	2005	80
Cape Tribulation Store	179.8	14	98.8	1969	59
Daintree Tea	94.0	14	73.0	1989	41
Eromanga – Webber St	57.0	15	36.6	1956	97
New South Wales					
Wentworth (Tarawi)	30.0	15	27.2	1984	40
Red Cliffs PO	26.0	17	24.2	1986	70
South Australia					
Maralinga	42.6	14	20.0	1998	46
Yunta (Panaramitee)	24.4	15	21.3	1956	99
Braemar	31.6	15	24.1	1968	41
Northern Territory					
Jabiru A/P	46.2	13	14.0	1986	28
Ngukurr	15.2	14	14.2	1938	70
Ali Curung	29.4	14	20.1	2001	28
Western Australia					
Eucla	39.4	14	26.2	1936	93
Warburton A/P	34.6	13	30.6	1984	44
Giles MO	42.2	13	40.4	1986	49

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