



## SIGNIFICANT WEATHER – April 2007

### SUMMARY

A tropical low was reported north of the Northern Territory which had no impact on the Australian coastline. Two waterspouts were sighted off the coast in New South Wales. Damaging winds were reported in Victoria, Tasmania and Western Australia. Significant rainfall was recorded in Western Australia during the middle of the month.

### TROPICAL LOW

#### Northern Territory

A weak tropical low developed in the Gulf of Papua on the 11th and moved west through Torres Strait on the 12th. Over the next few days the low moved across the northern Arafura Sea, gradually intensifying and passed over the Indonesian island of Tanimbar on the 16th. Over the next few days the low travelled southwest toward Timor-Leste and dissipated over the island on the 19th. The main impacts from the low were strong winds reported in the western Arafura Sea around the 16th and heavy rainfall across some of the Indonesian Islands.

### THUNDERSTORMS/TORNADOES

#### Queensland

On the 22nd a thunderstorm produced very heavy rainfall at Calamvale, in the southern suburbs of Brisbane where 27mm of rain was recorded in 10 minutes.

#### New South Wales

On the 4th at Bondi a thunderstorm with heavy rain and marble size hail was reported and 81mm of rain was recorded in 2 hours at Rose Bay. Flooding in Double Bay shopping centre damaged property and closed roads.

On the 22nd at Coalcliff (Illawarra) 2 waterspouts were sighted off the coast. At Rose Bay (in Sydney's eastern suburbs), a thunderstorm occurred with very heavy rain in the eastern suburbs causing local flash flooding; 42mm of rain was reported in 30 minutes. Heavy rain and flash flooding was also reported at Narrabeen on the northern beaches.

### WIND

#### Victoria

Winds greater than 90 km/h were reported on:

27th Grampians 102 km/h  
28th Wilsons Promontory 104 km/h

#### Tasmania

Winds greater than 90 km/h were reported on:

1st Hartz Mountain 91 km/h  
2nd Mount Wellington 107 km/h  
Maatsuyker Island 98 km/h  
3rd Macquarie Island 91 km/h  
5th Macquarie Island 113 km/h  
6th Macquarie Island 104 km/h  
9th Maatsuyker Island 102 km/h  
Hartz Mountain 100 km/h  
Macquarie Island 96 km/h  
Mount Wellington 91 km/h  
10th Mount Wellington 115 km/h  
Macquarie Island 98 km/h  
Tasman Island 94 km/h  
12th Mount Read 104 km/h  
Macquarie Island 96 km/h  
Mount Wellington 91 km/h  
16th Macquarie Island 102 km/h  
18th Tasman Island 104 km/h  
Mount Wellington 94 km/h  
Mount Read 93 km/h  
19th Maatsuyker Island 98 km/h  
Mount Wellington 93 km/h  
28th Hogan Island 96 km/h, Cape Grim 93 km/h

#### Western Australia

On the 29th/30th the passage of a series of cold fronts produced isolated severe wind gusts in the lower West and Southwest districts of Western Australia. On the 29th, Cape Leeuwin recorded a wind gust of 100 km/h and Busselton Jetty recorded 94 km/h. On the 30th, Cape Leeuwin recorded a wind gust of 106 km/h, Rottnest Island 93 km/h and Cape Naturaliste 91 km/h. No damage was reported.

## TEMPERATURE

### Highest Mean Maximum Temperature for April

Station	Actual °C	Previous Highest °C	Year	Years of Record
<b>Queensland</b>				
Taroom PO	31.2	31.0	1957	53
Monto Township	29.8	29.3	2006	34
<b>South Australia</b>				
Neptune Island	21.1	20.8	1993	45
Cape Borda Comp	21.2	21.2	2005	60
Cape Willoughby	21.2	21.1	1993	40

### Highest Mean Minimum Temperature for April

Station	Actual °C	Previous Highest °C	Year	Years of Record
<b>South Australia</b>				
Arkaroola	13.8	13.4	2005	30
Cleve	14.3	14.0	2005	67
Streaky Bay	14.5	14.5	1971	81
Neptune Island	16.6	15.8	2005	46
Maitland	14.5	14.4	2005	51
Warooka	14.1	13.7	1981	47
Cape Borda Comp	14.2	14.1	1971	60
Cape Willoughby	15.8	15.7	1980	40
Adelaide (Kent Town)	14.4	14.4	1980	31
<b>Western Australia</b>				
Mardie	23.8	23.2	2005	49

### Lowest Mean Minimum Temperature for April

Station	Actual °C	Previous Lowest °C	Year	Years of Record
<b>Western Australia</b>				
Kalbarri	14.2	14.3	1971	32

### Highest Daily Maximum Temperature for April

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
<b>Tasmania</b>					
Burnie (Round Hill)	26.2	10	25.6	1973	43

### Highest Daily Minimum Temperature for April

Station	Actual °C	Date	Previous Highest °C	Year	Years of Record
<b>South Australia</b>					
Cape Borda Comp	22.8	11	22.6	1991	46
<b>Western Australia</b>					
Lake Grace Comp	21.3	05	21.2	1989	42
Southern Cross	24.0	05	22.6	1990	50

### Lowest Daily Minimum Temperature for April

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
<b>Western Australia</b>					
Albany A/P	3.2	27	3.3	1986	43
Esperance	4.0	28	4.2	1985	38

## RAINFALL

### Western Australia

On the 15th the first significant rain of the cool season occurred with the passage of a cloud band and cold front over southwest parts of Western Australia. The highest rainfall in the 24 hrs to 9am on the 16th was 73mm at Karnet. Other notable falls included 69mm at Dwellingup and 68mm at Mount William. Dwellingup recorded 36mm of rain in 1 hour.

### Highest Monthly Rainfall on Record for April

Station	Actual mm	Previous Highest mm	Year	Years of Record
<b>South Australia</b>				
Booborowie	125.4	123.2	1974	83
Mintaro	139.0	120.4	1895	104
Andrews (Geralka)	157.8	118.4	1974	51
Edinburgh RAAF	101.8	79.0	1983	35
Freeling	110.2	109.0	1971	44
Keyneton	121.4	116.3	1938	95
Williamstown (Glen Gillian)	148.4	144.6	1971	56
Peebinga	80.8	74.2	1974	55
<b>Western Australia</b>				
Erinair	100.6	99.3	1970	40
Esperance Aero	124.4	96.4	2006	38
Gascoyne Junction	82.2	77.2	1978	100
Katta Barega	124.0	85.9	1973	45
Lorinna	124.6	91.2	1989	36
Mooloo Downs	64.0	55.5	1996	48
Munglinup Melaleuca	88.2	85.6	2006	32
Myrup	138.3	137.5	1970	80
Second Beach	115.2	104.8	1975	34
Telina Downs	136.2	108.1	1970	43
The Duke	123.2	114.3	1972	32

### Lowest Monthly Rainfall on Record for April

Station	Actual mm	Previous Lowest mm	Year	Years of Record
<b>Queensland</b>				
Mareeba South Edge Res	6.4	10.4	1984	38
Somerset Dam	2.6	3.9	1986	71
Tuan Creek Forest Stn	1.4	11.0	1991	60
Archerfield A/P	5.2	5.3	1936	76
Beerburum Forest Stn	9.6	11.7	1922	61
Mt Glorious Fahey Rd	4.0	12.6	1991	74
Greenslopes Private Hospital	2.4	4.6	1991	30
Long Pocket CSIRO Lab	4.6	6.8	1986	39
Caloundra Wtp	4.8	26.0	1978	35
Highvale	7.0	8.1	1980	40
<b>New South Wales</b>				
Murwillumbah	13.2	14.2	1997	34
<b>Tasmania</b>				
Oatlands PO	4.8	5.8	1923	119
Lake Margaret Power Station	68.0	81.2	2002	62
Western Creek (Somer Hill)	20.2	23.9	1967	43
Weetah (Weetah Rd)	11.8	16.6	1967	42
Strathgordon Village	59.6	73.6	2002	39
Musselboro (Elverton)	6.0	15.0	1977	37
Scottsdale (West Minstone Rd)	16.2	19.0	1987	37
Burns Creek (Janefield)	14.2	20.2	1987	33

**Highest Daily Rainfall on Record for any Month**

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
<b>South Australia</b>					
Booborowie	94.5	30	72.0	Feb 1997	83
Andrews (Geralka)	97.0	28	66.0	Jan 1995	51

**Highest Daily Rainfall on Record for April**

Station	Actual mm	Date	Previous Highest mm	Year	Years of Record
<b>South Australia</b>					
Port Kenny (Mt Cooper)	36.0	26	36.0	1983	67
Port Kenny	45.0	26	26.4	1971	40
Murdinga (Mungala)	35.8	26	30.8	1983	39
Booborowie	94.5	30	36.8	1980	83
Mintaro	66.4	29	42.9	1894	104
Spalding	41.0	29	31.6	1980	105
Andrews (Geralka)	97.0	28	43.7	1970	51
Minlaton	44.6	30	41.7	1954	128
Cape Borda Comp	78.2	26	58.4	1889	140
Edinburgh	38.0	28	29.0	1976	35
Freeling	33.2	27	26.2	1980	44
Williamstown (Glen Gillian)	56.4	29	36.0	1980	56
Parawa (Sharon)	82.8	27	66.3	1964	66
Williamstown (South Para Res)	52.8	27	41.1	1973	40
Berri	25.8	27	24.1	1970	47
Sandalwood	39.0	29	37.8	1954	92
Caliph	28.0	27	26.0	1995	33
<b>Western Australia</b>					
Dairy Creek	74.0	25	61.0	1923	95
Dalgety Downs	43.0	25	42.0	1975	33
Gascoyne Junction	64.8	25	40.1	1930	98
I Dunno	40.0	23	39.6	2005	80
Jourerdine	55.0	23	45.7	1961	59
Karragullen	64.0	16	59.0	2002	35
Roleystone	57.6	16	57.0	2002	39
Springdale	71.0	16	57.0	1990	34
Winderie	47.0	25	39.9	1923	96
Young River	45.0	26	44.0	1998	51

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