



SIGNIFICANT WEATHER – June 2006

SUMMARY

Significant wind gusts were reported in New South Wales, Victoria, Tasmania and Western Australia. Dry westerly winds produced high fire danger in the southeast corner of Queensland.

Western Australia experienced a very dry and cold June with several stations recording their lowest recorded rainfall, in some cases in over 100 years of observations.

THUNDERSTORMS

New South Wales

On the 5th at Anna Bay (Hunter) a thunderstorm produced heavy rain (50mm in 30 minutes) and small hail.

WIND

New South Wales

Wind gusts greater than 90 km/h occurred on the following days:

- 2nd Montague Island 100 km/h
- 3rd Montague Island 94 km/h
Kiama 96 km/h
Green Cape 109 km/h
- 11th Green Cape 109 km/h
Montague Island 102 km/h
Kiama 91 km/h
- 12th Holsworthy 93 km/h

Victoria

Wind gusts greater than 90 km/h occurred on the following days:

- 2nd Mt Hotham 94km/h
- 11th Lookout Hill 105 km/h
Mt Buller 107 km/h
Falls Creek 117 km/h
- 15th Wilsons Promontory 105km/h
- 26th Lookout Hill 100 km/h

Tasmania

Wind gusts greater than 90 km/h occurred on the following days:

- 10th Cape Grim 100 km/h
Maatsuyker Island 98 km/h,
- 12th Mount Wellington 98 km/h
- 13th Mount Wellington 96 km/h
Maatsuyker Island 98 km/h
- 14th Maatsuyker Island 117 km/h
Mount Wellington 111 km/h
Droughty Hill 109 km/h
- 15th Mount Wellington 126 km/h
Maatsuyker Island 124 km/h
Tasman Island 124 km/h,
Hartz Mountain 109 km/h
Hogan Island 109 km/h
Droughty Hill 107 km/h
Cape Grim 102 km/h
Cape Bruny 102 km/h
Maria Island 100 km/h
Warra 96 km/h
Hobart 93 km/h
Liawenee 91 km/h
- 16th Tasman Island 106 km/h
- 22nd Mount Read 91 km/h
- 23rd Mount Wellington 100 km/h
- 24th Mount Wellington 109 km/h
- 27th Maatsuyker Island 94 km/h
Mount Wellington 94 km/h
- 30th Mount Wellington 98 km/h

Western Australia

On the evening of the 19th a weak cold front moved through southern parts of Western Australia. Cape Leeuwin recorded a wind gust of 107 km/h. No damage was reported.

On the 27th a moderate cold front moved across the Lower Southwest causing only very minor damage. Cape Naturaliste recorded a wind gust of 102 km/h.

BUSHFIRES

Queensland

On the 3rd dry, gusty westerly winds produced very high fire danger about the southeast corner. Some small fires were reported, but only one significant blaze at Cooyar, in the southern Burnett. A number of homes were threatened.

TEMPERATURE

Western Australia

Western Australia experienced the driest June since at least 1900 and also the coldest June minimum and mean temperatures since at least 1950. Many temperature and rainfall records were broken with several stations recording their lowest ever rainfall totals in June for over 100 years

The previous June minimum temperature record of -5.7°C recorded at Wandering on the 1st in 1964 was broken twice with -5.9°C at Eyre on 14th and again on the 17th at Collie East which recorded -6.0°C .

Highest Mean Maximum Temperature for June

Station	Actual $^{\circ}\text{C}$	Previous Highest $^{\circ}\text{C}$	Year	Years of Record
Western Australia				
Dwellingup	17.6	17.4	2000	69
Geraldton Airport	23.3	23.2	1949	63
Jurien Bay	22.2	22.1	1983	36
Karnet	18.1	17.6	2000	35
Mullewa	23.1	22.4	1949	60
Pemberton	17.1	17.2	1948	60

Lowest Mean Maximum Temperature for June

Station	Actual $^{\circ}\text{C}$	Previous Lowest $^{\circ}\text{C}$	Year	Years of Record
New South Wales				
Byron Bay	18.5	18.8	1982	31
Montague Island	14.6	15.1	1983	37

Lowest Mean Minimum Temperature for June

Station	Actual $^{\circ}\text{C}$	Previous Lowest $^{\circ}\text{C}$	Year	Years of Record
New South Wales				
Broken Hill Airport	3.3	3.6	1958	49
Perisher Valley	-5.5	-5.2	1982	30
Tumbarumba	-2.6	-2.5	1972	41
Wagga Wagga	1.1	1.1	1982	64
Tocumwal	1.3	1.3	1982	35
Hillston	1.9	2.3	1965	99
Scone Research	3.1	4.0	2001	53
Western Australia				
Albany Airport	6.0	6.8	1973	41
Balladonia	3.2	3.7	1984	77
Beverley	2.0	3.0	1990	36
Bridgetown Comp	1.8	2.0	1931	105
Corrigin	1.8	2.7	1990	57
Dwellingup	3.5	3.9	1960	69
Eyre	3.2	4.0	2001	44
Hyden	2.2	3.2	2001	33
Katanning Comp	3.0	3.6	1931	111
Kellerberrin	0.7	3.4	1931	93
Kuri Bay	16.4	16.5	2000	34
Lake Grace Comp	4.6	4.8	1960	50
Leonora	4.2	5.1	1981	56
Mardie	10.8	11.0	2000	49
Narembeen	3.6	4.6	1984	34
Narrogin	3.3	4.8	1960	38
Norseman	3.1	3.7	1960	55
Ongerup	4.4	5.6	1990	38
Pemberton	5.9	6.3	1956	59
Perth Metro	5.8	6.9	2001	108
Pingelly	4.0	4.2	1990	34
Ravensthorpe	5.8	6.4	1966	44
Salmon Gums RS	2.2	3.7	1946	58
Wagin	3.6	4.2	1990	31
Warburton	3.6	3.9	2000	30
Wittenoom	10.1	10.5	1971	52
Wongan Hills	5.3	5.5	1990	37

Highest Daily Maximum Temperature for June

Station	Actual $^{\circ}\text{C}$	Date	Previous Highest $^{\circ}\text{C}$	Year	Years of Record
Western Australia					
Kalbarri	30.2	24	29.5	1975	31

Lowest Daily Maximum Temperature for June

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
New South Wales					
Cooma Visitors Centre	4.8	11	4.9	1978	32

Lowest Daily Minimum Temperature for any Month

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
Queensland					
Monto Township	-6.1	01	-4.5	07/1982	34

Lowest Daily Minimum Temperature for June

Station	Actual °C	Date	Previous Lowest °C	Year	Years of Record
New South Wales					
Broken Hill Airport	-2.1	15	-1.7	1960	46
Peak Hill	-2.5	15	-2.3	1971	40
Murrurundi	-6.5	16	-5.6	1971	41
Bathurst Ag.	-8.2	15	-7.1	1984	40
Oberon	-8.5	15	-8.0	1984	41
Parkes	-4.0	15	-2.6	1998	49
Grenfell	-6.5	15	-3.3	1966	41
Corowa	-5.0	14	-4.5	1998	36
Queensland					
Monto Township	-6.1	01	-2.9	1986	34
South Australia					
Elliston	-0.8	14	0.0	1975	45
Clare	-5.0	15	4.4	1959	51
Snowtown AWS	-4.5	15	3.9	1958	101
Warooka	2.1	13	3.0	1972	41
Edinburgh A/P	-2.0	15	-1.8	1982	34
Parafield A/P	-2.3	15	-2.2	1982	50
Western Australia					
Balladonia	-2.2	14	-1.8	1997	39
Beverley	-3.6	16	-2.5	1990	36
Bridgetown Comp	-5.1	17	-4.0	1981	49
Donnybrook	-2.5	17	-2.0	1981	47
Dwellingup	-3.0	17	-2.8	1964	47
Kalbarri	1.1	13	2.1	2000	31
Katanning Comp	-3.0	17	-1.7	1964	49
Kellerberrin	-5.2	16	-2.5	2003	46
Pearce RAAF	-2.9	17	-0.9	1964	45
Perth Airport	-1.3	17	-1.1	1946	62
Perth Metro	-0.7	17	1.2	2004	108
Ravensthorpe	-0.5	15	0.0	1966	44
Salmon Gums RS	-5.7	15	-2.6	1974	35
Wittenoom	4.0	30	4.2	1982	52
Northern Territory					
Kulgera	-4.5	13	-4.0	2002	25

RAINFALL

Highest Monthly Rainfall on Record for June

Station	Actual mm	Previous Highest mm	Year	Years of Record
Queensland				
Pinnacle	30.4	23.0	1990	36
Bargara PO	181.4	177.3	1950	63

Lowest Monthly Rainfall on Record for June

Station	Actual mm	Previous Lowest mm	Year	Years of Record
Tasmania				
Swansea (Kelvedon)	4.4	7.2	1965	122
Sorell (Whitlea)	5.8	6.3	1966	119
Avoca (Railway House)	7.0	10.2	1944	110
Mangalore (Mangalore Farm)	4.8	7.1	1966	105
Lilydale PO	16.8	17.3	1930	104
Pioneer (Main Rd)	12.8	16.0	1934	99
Buckland (Brockley)	8.6	9.1	1965	97
Northdown (Hamley)	18.8	18.8	1937	96
Osterley	9.0	10.2	1999	93
York Plains (Handroyd)	6.8	10.2	2000	90
Bothwell (Franklin St)	4.2	5.0	1999	83
Bagdad PO	5.8	8.4	1999	81
Waddamana Field Study Centre	12.4	15.3	1950	80
Launceston Airport Comparison	10.6	11.7	1934	74
Woodbury (Warringa)	5.8	6.1	1965	74
Lady Barron (Franklin Parade)	20.4	20.7	1914	73
Jericho (Bowsden)	9.8	9.9	1934	70
Cressy Research Station (Main Office)	13.2	13.9	1946	68
Poatina (Billop)	12.2	16.9	1969	57
Dunorlan (Sharmans Road)	21.6	31.0	1946	55
Launceston (Distillery Creek)	12.8	14.0	1969	55
Ross (Mount Morriston)	7.8	9.5	1969	47
Waterhouse (Barooga)	11.2	16.0	1979	45
Bracknell (Elizabeth St)	18.2	26.0	1966	44
Devonport Airport	12.3	29.8	1967	43
Memana (Babel Farm)	14.2	29.9	1984	43
Western Creek (Somer Hill)	30.4	48.2	1978	43
Hagley (Fairbank)	18.2	22.1	1969	41
Perth (Forestry Nursery)	7.6	15.3	1969	41

<i>Tomahawk (Carisbrooke)</i>	8.8	25.5	1967	41	<i>Greengrove</i>	19.8	22.6	2001	53
<i>Weetah (Weetah Rd)</i>	31.8	38.6	1969	41	<i>Highfields</i>	9.8	13.0	2001	49
<i>Kimberley (Siding)</i>	28.6	28.6	1969	40	<i>Howatharra</i>	5.0	16.0	1944	78
<i>Ross (Rose Villa)</i>	7.0	32.0	1984	36	<i>Indarrie</i>	17.8	22.6	2001	80
<i>Scottsdale (West Minstone Rd)</i>	18.8	54.2	1984	35	<i>Isseka</i>	8.6	29.8	2001	88
<i>Woolmoor (Macquarie River)</i>	16.2	26.0	1993	35	<i>Jandakot Aero</i>	36.0	55.2	1989	32
<i>Burns Creek (Janefield)</i>	21.6	42.0	1984	32	<i>Jarraewood</i>	52.8	60.7	2001	30
Western Australia					<i>Jurien Bay</i>	26.1	31.0	1976	37
<i>Ajana</i>	3.1	15.4	1938	78	<i>Kalbarri</i>	1.2	23.0	1976	35
<i>Aldervale</i>	25.6	37.2	2001	97	<i>Katanning Comp</i>	18.2	21.3	1958	114
<i>Armadale</i>	31.2	44.2	2001	104	<i>Kendenup</i>	24.0	29.0	1987	105
<i>Balline</i>	1.6	32.6	1993	75	<i>Knowle Hill Farm</i>	19.8	32.8	1985	93
<i>Bangalup</i>	35.4	47.4	1971	85	<i>Kondut</i>	16.6	18.8	2001	75
<i>Bannister</i>	20.0	20.4	2001	121	<i>Lake Hinds</i>	16.6	19.4	1984	81
<i>Barberton</i>	19.0	27.4	2001	94	<i>Lancelin</i>	34.8	38.4	2001	40
<i>Binnu</i>	4.6	19.1	1938	72	<i>Marbling</i>	24.8	31.0	2001	63
<i>Bodallin</i>	8.0	12.2	2001	37	<i>Margaret River</i>	86.0	100.6	2001	77
<i>Bokerup</i>	20.2	36.2	2001	46	<i>McAlinden</i>	18.8	26.0	2001	61
<i>Bonnie Doon</i>	9.2	10.2	1954	83	<i>Midland</i>	33.4	44.8	2001	89
<i>Bonnie Rock</i>	4.6	4.7	2001	70	<i>Miling</i>	10.5	10.6	2001	76
<i>Borden</i>	15.4	15.8	1987	81	<i>Minaru</i>	8.6	9.0	2001	71
<i>Boscabel</i>	20.2	22.2	2001	77	<i>Mosman Park</i>	36.8	51.8	1971	34
<i>Bridgetown Comp</i>	32.0	41.9	1893	119	<i>Muja Power Stn</i>	21.0	21.4	2001	43
<i>Brunswick Junction</i>	32.7	62.8	2001	97	<i>Mullewa</i>	3.0	13.0	1896	108
<i>Cadoux</i>	12.6	16.0	2001	74	<i>Mumby</i>	5.0	21.4	2001	103
<i>Carnarvon Park</i>	15.0	15.2	2001	30	<i>Nabawa</i>	4.0	28.3	1938	100
<i>Canna</i>	5.4	10.4	2001	85	<i>Nannup</i>	52.1	53.7	1993	106
<i>Cape Naturaliste</i>	53.2	68.8	1990	102	<i>Newbicup</i>	19.2	30.0	1976	83
<i>Carbla Stn</i>	0.0	3.6	1922	93	<i>Northampton</i>	8.2	27.4	2001	123
<i>Cardup</i>	36.7	46.8	2001	36	<i>Nungarin</i>	7.8	9.4	1954	101
<i>Carnamah</i>	10.0	13.0	1984	119	<i>Ogilvie</i>	6.0	18.0	2001	95
<i>Collie</i>	36.6	36.8	2001	107	<i>One Tree Bridge</i>	64.8	65.8	2001	35
<i>Coolangatta</i>	8.0	16.4	1938	54	<i>Pemberton</i>	81.8	89.4	1986	65
<i>Cowaramup</i>	69.0	84.3	1976	67	<i>Perivale Orchard</i>	36.0	40.2	2001	30
<i>Cranbrook</i>	17.5	27.0	1987	113	<i>Perth Airport</i>	27.8	56.2	2001	62
<i>Crendon</i>	22.6	50.8	2001	32	<i>Perth Metro</i>	24.6	54.9	1877	130
<i>Dardanup East</i>	29.4	45.2	2001	71	<i>Piawaning</i>	16.8	20.6	2001	49
<i>Deeside</i>	33.8	44.4	1993	105	<i>Pindar</i>	2.1	11.7	1938	60
<i>Denham</i>	0.8	3.9	1922	105	<i>Pindawa</i>	8.2	17.2	2001	48
<i>Dongara</i>	11.4	22.6	1902	120	<i>Pinjarra</i>	36.2	50.5	1893	126
<i>Donnybrook</i>	33.8	40.6	2001	106	<i>Riverdale</i>	16.6	22.8	2001	93
<i>Dunolly</i>	17.0	17.5	1912	95	<i>Riverside</i>	1.4	14.6	1955	76
<i>Duranillin</i>	15.9	19.0	2001	93	<i>Rocky Gully Town</i>	39.8	47.6	1993	52
<i>Ekamurra</i>	26.6	47.0	2001	33	<i>Roelands</i>	25.0	46.4	2001	64
<i>Eneabba</i>	17.8	22.2	2001	40	<i>Roelands Village</i>	35.6	51.6	2001	68
<i>Eradu</i>	5.2	20.6	1997	65	<i>Rosa Brook</i>	57.8	91.0	2001	36
<i>Ferguson Valley</i>	30.8	41.0	2001	34	<i>Sandsprings</i>	9.6	24.5	1984	88
<i>Frankland Vineyard</i>	23.8	52.4	1989	30	<i>Scott River</i>	70.0	83.2	1976	32
<i>Geraldton Airport</i>	6.0	24.8	1976	63	<i>Serpentine</i>	21.8	52.8	2001	82
<i>Geraldton Port</i>	3.8	19.0	1976	111	<i>Serpentine Main</i>	37.9	42.7	2001	42
<i>Gingin</i>	27.0	28.0	2001	117	<i>Springdale</i>	28.6	53.3	2001	32
<i>Glamoff</i>	5.4	10.4	2001	46	<i>Subiaco TP</i>	17.6	59.7	2001	38
<i>Glenmore</i>	63.2	71.6	1976	41	<i>Swan View</i>	40.6	42.0	2001	32
<i>Glenva</i>	15.6	20.4	1955	34	<i>Tambellup</i>	17.2	18.9	2001	96
<i>Goodlands</i>	4.6	11.0	2001	54	<i>Tawarri West</i>	2.4	13.6	2001	31
<i>Gordon River</i>	19.8	41.2	1972	47	<i>The Wold</i>	29.8	31.2	2001	32
<i>Gosnells City</i>	42.0	54.2	2001	45	<i>Three Springs</i>	12.0	13.3	1984	98
<i>Greenbushes</i>	40.0	53.0	2001	113	<i>Thundelarra</i>	1.4	2.8	1922	99
					<i>Victoria Dam</i>	42.6	43.8	2001	37
					<i>Walgoolan North</i>	3.0	5.6	2001	68
					<i>Waroona</i>	42.4	67.6	1938	66

Watheroo	12.6	15.2	2001	106
Westbourne	24.4	39.2	2001	103
Westonia	6.8	9.3	1954	91
Williams	17.4	18.4	2001	121
Wokalup	14.2	47.5	2001	54
Woodanilling	20.4	20.9	2001	72
Wyndarra	24.2	46.8	1993	32
Yalgoo	0.9	3.9	1999	105
Yanmah	43.6	70.8	1993	35
Yarloop	40.8	46.4	2001	55
Yathroo	30.4	30.6	1976	115
Yuna	2.6	13.2	1938	95

Highest Daily Rainfall on Record for June

Station	Actual Date	mm	Previous Highest	mm	Year	Years of Record
Queensland						
Palmerville	66.0	11	64.5	1927	117	
Pinnacle	30.4	11	23.0	1990	36	
Trinidad	45.0	10	43.0	1981	38	
Annanvale	111.0	11	96.8	1927	94	
Rockhampton Aero	85.4	11	74.6	1988	68	
Rosedale PO	149.4	11	132.1	1912	108	
Gladstone Radar	94.8	11	82.0	2002	48	
Bargara PO	168.6	11	120.9	1948	63	
Southend Curtis Island	85.0	11	72.0	2002	32	
Rockley	103.0	11	94.7	1948	67	
Wallen	34.8	10	31.0	1986	32	

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