

Appendix P

Climate data for Darwin Airport

(Bureau of Meteorology, 2003)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Mean daily maximum temperature (°C)	32.4	32.2	32.7	33.5	32.6	31.2	30.6	31.7	33	34	34.2	33.6	32.7
Mean no. days with Max Temp $\geq$ 40.0 °C	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean no. days with Max Temp $\geq$ 35.0 °C	2.7	1.5	3.4	5.1	1.8	0.3	0.1	0.6	3.1	7.1	8.6	7.5	41.8
Mean no. days with Max Temp $\geq$ 30.0 °C	26.8	24.7	28.1	29.1	29	23.8	20.9	26.8	29.7	30.8	29.5	29.5	328.8
Highest daily Max Temp (°C)	37.7	38.3	37.8	38.3	37.4	37	36.7	37.1	38.3	40.4	38.8	38.8	40.4
Mean daily minimum temperature (°C)	25.2	25	25	24.4	22.6	20.8	19.8	20.9	23.3	25.1	25.5	25.6	23.6
Mean no. days with Min Temp $\leq$ 2.0 °C	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean no. days with Min Temp $\leq$ 0.0 °C	0	0	0	0	0	0	0	0	0	0	0	0	0
Lowest daily Min Temp (°C)	20.2	20.5	20	18.9	15.7	13.4	13.7	14.7	17.2	20.4	16.7	20.8	13.4
Mean 9am air temp (°C)	28.8	28.6	28.7	28.5	26.6	24.6	23.8	25.5	28	29.8	30.2	29.8	27.8
Mean 9am wet bulb temp (°C)	25.9	25.9	25.8	24.3	21.7	19.8	18.8	20.7	23.3	24.9	25.7	26.1	23.6
Mean 9am dew point (°C)	24.7	24.7	24.5	22.2	18.7	16.4	15.1	17.5	20.7	22.6	23.6	24.5	21.3
Mean 9am relative humidity - %	79	80	79	70	63	62	60	63	65	66	68	73	69
Mean 9am wind speed - km/h	8.9	8.4	5.6	7.9	10.6	10.5	9.6	6.9	5.1	4.6	4.5	5.9	7.4
Mean 3pm air temp (°C)	30.5	30.2	30.9	32.1	31.4	30	29.4	30.2	31.4	32.4	32.2	31.5	31

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Mean 3pm wet bulb temp (°C)	26.4	26.3	26.2	25	23.2	22.1	21	21.8	23.5	24.9	25.8	26.3	24.4
Mean 3pm dew point (°C)	24.6	24.7	24.1	21.5	18.5	17.3	15.4	16.5	19.1	21.2	22.8	24.1	20.8
Mean 3pm relative humidity (%)	72	73	69	56	48	48	44	45	50	53	59	66	57
Mean 3pm wind speed (km/h)	11.7	10.9	8.3	7.5	7.3	7.1	7.9	10.4	12.8	12	9.7	9.7	9.6
Mean monthly rainfall (mm)	393.2	329.7	258.3	102.6	14.3	3	1.3	1.6	12.8	52.1	124	241.8	1534.7
Median (5th decile) monthly rainfall (mm)	403	314.9	251.5	73	1.3	0	0	0	4.1	43.4	113.3	218.2	1534.5
9th decile of monthly rainfall (mm)	601	540.5	419.5	255.4	47.6	15.5	1.4	1.7	43.2	116.8	220.3	466.8	1903.7
1st decile of monthly rainfall (mm)	168.4	163.7	96.7	9.5	0	0	0	0	0	2.1	50.2	106.5	1116.8
Mean no. of raindays	18.5	17.8	16.1	7.3	1.4	0.6	0.2	0.3	1.7	5	10	14.5	93.3
Highest monthly rainfall (mm)	711.3	717.2	555.6	603	260.8	38.8	65	76.2	69.1	232.6	399.3	568.7	
Lowest monthly rainfall (mm)	68	13.5	20.5	0	0	0	0	0	0	0	10.5	24.9	
Highest recorded daily rainfall (mm)	296.4	279.4	182.4	184.4	170.4	33.5	43.4	26.9	50.8	116.6	145.3	199.9	296.4
Mean no. clear days	0.8	0.7	2.4	8.4	15.1	18.4	21	20.7	15.2	8.8	3.5	1.7	116.7
Mean no. cloudy days	19.1	16.1	13.5	6.3	2.9	2	1.4	1.2	1.6	4.4	8.8	15.3	92.6
Mean evaporation (mm)	201.3	166.5	188.5	204.8	221.5	211.8	223.9	233.5	241.1	258.5	234.5	216.9	2629.5
Median evaporation (mm)	201.5	165.2	189.1	201	223.2	210	223.2	232.5	237	257.3	231	221.7	2644.5
Lowest evaporation (mm)	151.9	100.8	136.4	135	173.6	159	189.1	164.3	186	207.7	177	173.6	2262.8
Highest evaporation (mm)	257.3	238	232.5	255	260.4	249	275.9	279	291	313.1	303	275.9	2923.2