

**Marlborough Research Centre Blenheim**  
**Daily weather data is summarised at 9am**

Date	Month	Year	Rain		Air		RH	Air		Grass		Soil Temperatures			Solar		Windrun Daily	Pennan ET
			Daily	mm	Dry 9am	Wet 9am		Max Daily	Min Daily	10cm 9am	20cm 9am	30cm 9am	100cm 9am	Daily	Energy	km		
1	1	1998	0	18.2	14.2	21.8	70.1	9.6	7.1	17.6	19.3	19.9	17.7	31.2	261.9	5.5		
2	1	1998	0	17.3	13.8	24.0	77.1	10.1	6.2	18.7	20.5	21.0	17.8	31.3	239.5	5.3		
3	1	1998	0	18.6	15.6	33.9	45	11.1	6.5	19.8	21.5	21.8	17.9	33.3	289.5	7.6		
4	1	1998	0	22.5	14.3	30.0	60.5	12.9	5.9	21.6	23.0	23.0	18.0	32.7	367.1	6.9		
5	1	1998	1.8	19.4	16.3	29.2	66.3	13.1	9.7	21.5	23.1	23.3	18.2	25.0	413.1	5.6		
6	1	1998	0.2	15.8	15.7	23.4	68	14.9	14.6	21.8	23.6	23.4	18.4	16.3	323.1	3.6		
7	1	1998	0	18.5	12.9	20.9	80.3	13.9	11.1	19.0	21.0	21.7	18.6	30.7	306.6	5.0		
8	1	1998	0.2	18.8	14.8	27.2	56.4	9.8	5.7	19.0	21.1	21.9	18.6	31.4	520.8	7.1		
9	1	1998	4.1	11.6	10.5	14.3	80.3	11.3	9.4	19.0	21.5	22.0	18.7	13.1	225.3	1.9		
10	1	1998	0	9.7	7.5	18.4	66.8	3.6	0.5	12.0	16.4	18.5	18.7	30.7	242.9	4.9		
11	1	1998	0	14.2	11.4	21.8	48.9	7.9	5.0	15.3	18.3	19.3	18.5	25.0	456.4	6.2		
12	1	1998	0	20.7	13.0	27.7	67.4	13.6	15.4	19.1	20.1	20.1	18.3	28.8	401.4	5.3		
13	1	1998	0	13.6	11.0	17.5	75.3	6.7	3.0	17.3	19.9	20.6	18.3	22.1	265.3	3.5		
14	1	1998	0	15.5	12.2	24.0	66.2	5.8	3.1	15.5	18.5	19.6	18.3	31.1	331.0	5.9		
15	1	1998	0	24.3	16.6	29.7	51.6	11.4	8.1	19.8	20.9	20.9	18.3	29.5	714.0	8.4		
16	1	1998	8.7	20.6	16.3	24.9	76.1	17.7	15.5	21.1	22.1	21.9	18.3	18.3	289.4	3.3		
17	1	1998	0	16.8	13.3	22.9	77.9	9.7	6.9	16.1	19.4	20.1	18.4	26.8	292.0	4.5		
18	1	1998	0	15.5	14.0	23.9	54.4	9.6	6.1	17.3	19.9	20.4	18.4	28.9	450.6	6.7		
19	1	1998	0	19.4	12.1	29.2	61.4	15.5	16.7	20.6	22.2	21.7	18.4	25.6	471.4	5.6		
20	1	1998	0	13.4	10.8	16.7	78.1	12.1	12.2	19.5	21.6	21.9	18.5	18.4	220.8	3.0		
21	1	1998	0	15.4	12.7	17.2	86.5	10.5	7.8	18.1	20.2	20.7	18.6	11.3	254.8	1.9		
22	1	1998	0.3	15.7	14.1	19.8	90.4	13.7	13.3	18.4	19.8	19.8	18.6	15.0	127.0	2.3		
23	1	1998	0	19.8	17.9	25.9	71.6	15.2	14.4	19.5	20.4	20.1	18.5	19.1	381.9	4.2		
24	1	1998	0.1	22.4	19.8	27.3	74.7	19.8	19.3	21.8	22.0	21.3	18.5	16.7	326.7	3.7		
25	1	1998	0.3	22.2	19.6	31.0	74.6	18.9	17.1	22.0	22.9	22.0	18.5	28.3	351.4	5.7		
26	1	1998	0	19.4	18.0	27.9	71.4	16.6	16.3	22.6	24.6	23.3	18.6	24.1	317.2	5.0		
27	1	1998	0.1	24.8	19.9	27.6	68.6	18.8	16.1	23.6	25.4	23.7	18.8	16.9	464.6	4.4		
28	1	1998	3.5	23.4	19.9	26.4	80.5	20.0	18.9	22.7	23.5	23.2	19.0	14.3	348.5	3.0		
29	1	1998	0	20.4	19.5	28.3	69.9	18.9	18.3	21.4	22.8	22.6	19.1	23.7	413.5	5.4		
30	1	1998	0	24.9	19.0	29.2	64.6	19.4	16.2	22.4	24.0	22.9	19.2	19.6	498.5	5.3		
31	1	1998	0	25.6	19.1	28.9	73.1	20.7	18.8	23.1	23.5	23.1	19.2	25.7	315.2	5.0		
Means				18.7	15.0	24.9	69.4	13.3	11.1	19.6	21.4	21.5	18.5	24.0	351.0	4.9		
Totals			19.3											745.0		151.7		



Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air		Grass		Soil Temperatures			Solar		Penman							
			Daily	mm	9am	°C	9am	°C		Max	Daily	°C	Min	Daily	°C	10cm	9am	°C	30cm	9am	°C	100cm	9am	°C	Daily	mj/m2
1	3	1998	0	14.6	12.1	73.2	23.8	11.2	6.1	17.2	20.3	20.4	19.3	23.6	207.3	23.6	4.0									
2	3	1998	0	13.2	11.7	79.6	19.2	9.5	4.7	16.5	20.5	20.6	19.4	22.8	232.2	22.8	3.6									
3	3	1998	0	12.8	11.0	76.4	20.7	8.7	5.1	15.7	19.4	20.1	19.4	23.2	292.7	23.2	4.1									
4	3	1998	0	16.3	14.5	62.8	24.9	12.6	13.4	19.1	21.6	20.6	19.3	23.2	272.6	23.2	4.7									
5	3	1998	0.6	19.5	15.1	59.7	26.5	14.4	8.7	18.5	22.0	21.1	19.3	23.6	420.7	23.6	5.6									
6	3	1998	0	20.8	16.9	69.6	25.0	16.9	13.3	20.2	22.8	21.5	19.3	14.7	398.0	14.7	3.6									
7	3	1998	0	20.1	18.3	79.4	25.3	18.9	16.6	20.1	22.4	21.1	19.4	8.8	192.5	8.8	1.8									
8	3	1998	0	22.1	19.9	66.2	26.9	17.4	15.2	20.0	22.0	20.9	19.4	16.7	372.3	16.7	4.1									
9	3	1998	0	22.2	18.2	60.9	27.0	20.2	17.8	21.1	23.2	21.6	19.4	19.9	419.3	19.9	5.1									
10	3	1998	13.9	21.5	18.4	75.2	25.5	19.3	15.9	21.5	23.7	22.1	19.4	9.4	270.4	9.4	2.2									
11	3	1998	16	16.1	16.1	99	17.9	16.1	16.0	19.3	22.5	21.5	19.5	3.4	130.8	3.4	0.4									
12	3	1998	0.3	16.3	15.9	93.7	17.8	15.3	14.5	18.0	20.1	19.8	19.5	9.3	233.0	9.3	1.4									
13	3	1998	0	14.5	13.8	85	19.8	13.1	11.5	16.6	19.1	19.1	19.4	17.7	149.0	17.7	2.8									
14	3	1998	0	18.7	16.8	60.6	26.8	14.4	11.8	16.9	19.7	19.3	19.2	20.2	555.2	20.2	5.5									
15	3	1998	0	22.7	16.3	62.4	23.5	18.5	16.1	19.1	21.0	19.8	19.1	20.6	388.0	20.6	4.0									
16	3	1998	0	11.8	9.0	72	16.3	4.9	0.5	13.2	17.6	18.5	19.1	17.7	230.5	17.7	3.0									
17	3	1998	0	15.7	10.5	64	21.2	8.7	3.7	14.5	18.0	18.1	19.0	15.7	285.1	15.7	3.1									
18	3	1998	0	14.4	10.8	52.2	24.3	8.2	4.9	13.9	17.0	17.7	18.8	20.7	393.4	20.7	5.0									
19	3	1998	0	18.9	12.9	43.1	23.8	14.3	12.6	16.7	19.2	18.5	18.7	17.9	585.7	17.9	5.8									
20	3	1998	0	19.3	13.7	46.7	24.2	15.7	12.4	16.8	19.0	18.4	18.6	14.0	543.6	14.0	4.9									
21	3	1998	0	20.9	14.5	45.7	25.8	15.6	10.7	17.4	19.5	18.6	18.5	19.3	583.5	19.3	6.1									
22	3	1998	0	15.6	13.1	80	17.4	13.3	8.6	17.3	20.0	19.3	18.4	15.1	232.8	15.1	2.4									
23	3	1998	0	15.5	12.8	73.3	23.3	7.7	3.6	14.5	18.0	18.1	18.4	17.8	219.9	17.8	3.2									
24	3	1998	0	18.2	14.6	62.1	25.3	11.5	7.6	15.5	18.4	18.1	18.4	19.3	487.1	19.3	4.7									
25	3	1998	0	20.6	15.0	67.9	26.8	12.9	8.0	16.8	19.1	18.4	18.3	16.1	357.6	16.1	3.6									
26	3	1998	0.5	15.4	13.9	88	19.2	13.3	13.2	17.9	20.0	18.9	18.2	11.9	168.7	11.9	1.9									
27	3	1998	0.1	14.7	14.2	90.9	20.9	13.4	12.4	17.6	19.9	18.9	18.2	16.7	204.6	16.7	2.5									
28	3	1998	12.7	14.8	13.6	77.8	24.1	11.1	9.5	16.4	19.3	18.7	18.2	9.1	345.1	9.1	2.1									
29	3	1998	0	23.7	19.4	69	26.0	14.6	14.6	18.8	20.0	18.6	18.2	18.1	500.3	18.1	4.2									
30	3	1998	0	17.6	14.4	48.8	21.8	11.8	8.6	14.0	18.8	17.8	18.2	15.3	533.3	15.3	4.6									
31	3	1998	1.9	13.7	9.1	53.8	21.2	12.4	10.5	13.5	18.1	17.1	18.1	16.6	373.9	16.6	4.0									
Means				17.5	14.4	69.4	23.0	13.4	10.6	17.2	20.1	19.5	18.9	16.7	341.3	16.7	3.7									
Totals				46.0										518.5		114.0										

Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air		Grass		Soil Temperatures			Solar		Windrun		Penman						
			Daily	mm	9am	°C	9am	°C		Max	Daily	°C	Min	Daily	°C	10cm	9am	°C	20cm	9am	°C	30cm	9am	°C	100cm	9am	°C
1	4	1998	9.5	15.1	14.8	63.1	23.5	11.6	6.5	15.7	18.3	16.9	18.0	7.5	540.9	2.8											
2	4	1998	0	13.5	10.8	58	17.6	10.6	7.0	12.7	15.4	16.4	17.9	15.2	422.3	3.4											
3	4	1998	0	17.7	12.4	56.5	21.3	8.2	5.2	11.5	15.6	15.1	17.7	17.0	506.1	4.6											
4	4	1998	0	19.0	14.6	57.3	22.7	16.0	14.3	15.0	17.8	15.9	17.5	17.1	447.2	3.9											
5	4	1998	0	9.1	6.5	46.6	19.1	5.0	0.3	11.5	15.8	15.7	17.4	17.4	454.3	4.5											
6	4	1998	0	18.0	12.7	69.8	22.3	8.9	10.6	14.1	17.3	15.6	17.2	16.8	330.5	3.3											
7	4	1998	0.1	13.1	10.2	86.2	19.6	8.2	5.0	13.4	17.7	16.0	17.1	16.8	200.0	2.5											
8	4	1998	0	11.7	10.1	75.6	21.6	7.3	4.2	12.5	15.4	15.8	17.0	16.1	234.3	2.8											
9	4	1998	0	14.0	11.1	76.5	21.9	9.6	5.4	13.1	15.6	15.8	17.0	7.5	186.1	1.4											
10	4	1998	0	13.5	12.0	87.7	16.9	7.3	3.4	11.5	13.8	15.1	16.9	14.0	198.7	2.0											
11	4	1998	0.1	11.8	10.5	90.8	19.3	7.3	2.8	12.2	13.9	15.0	16.8	12.9	176.8	1.8											
12	4	1998	0.2	12.1	11.3	90.4	18.9	7.9	4.6	12.0	14.0	15.1	16.7	13.3	143.2	1.9											
13	4	1998	0	12.5	11.7	74	22.2	7.4	3.5	12.0	14.1	15.2	16.6	14.7	195.8	2.6											
14	4	1998	1	17.3	14.9	79.4	22.7	10.6	6.4	14.1	15.0	15.6	16.5	6.8	326.7	1.6											
15	4	1998	0	12.3	12.1	73.5	15.4	11.3	7.9	13.5	15.3	15.9	16.5	11.3	311.8	2.1											
16	4	1998	0	13.4	8.3	74.5	19.0	6.5	1.9	10.6	13.2	14.7	16.5	15.0	227.2	2.4											
17	4	1998	0	10.4	8.9	56.2	19.0	5.5	1.7	10.8	13.5	14.7	16.4	14.4	435.6	3.6											
18	4	1998	0	16.5	13.0	78.9	19.4	10.2	6.6	13.2	14.0	14.7	16.3	12.1	276.8	2.0											
19	4	1998	0	9.7	7.9	84.3	17.4	5.2	1.0	10.4	13.3	14.6	16.2	9.8	170.9	1.4											
20	4	1998	0	8.0	7.6	81.6	16.4	4.5	1.1	9.4	12.4	13.9	16.1	7.8	272.8	1.4											
21	4	1998	0	9.7	9.1	79.2	18.1	6.5	1.4	10.6	13.0	14.0	16.0	8.8	211.6	1.5											
22	4	1998	0	12.6	10.1	85.2	22.4	8.6	6.4	11.8	13.6	14.3	15.9	9.5	169.5	1.5											
23	4	1998	8	14.7	13.5	91.9	18.8	10.2	5.3	13.5	14.1	14.6	15.8	4.9	185.6	0.8											
24	4	1998	0.1	14.0	13.2	88.1	18.1	11.1	7.0	13.0	14.5	15.0	15.8	10.7	173.8	1.6											
25	4	1998	0	11.7	11.3	87.3	16.1	8.2	4.9	11.9	14.0	14.9	15.8	8.9	138.3	1.3											
26	4	1998	0	14.1	12.5	88.6	18.3	8.6	4.1	12.1	13.6	14.4	15.8	12.3	172.2	1.8											
27	4	1998	0.7	11.3	10.8	89.5	20.4	7.0	4.6	10.5	12.9	14.2	15.8	8.5	193.0	1.4											
28	4	1998	0	20.0	17.6	83.7	21.4	11.1	10.9	14.7	14.9	15.0	15.7	7.1	239.9	1.4											
29	4	1998	2.2	13.8	13.4	92.6	17.2	10.6	7.0	12.8	14.2	15.0	15.7	7.8	196.2	1.1											
30	4	1998	0.1	11.4	11.3	93.4	15.2	10.6	10.4	13.1	14.2	14.9	15.7	8.4	180.0	1.1											
Means				13.4	11.5	76.5	19.4	8.7	5.4	12.4	14.7	15.1	16.5	11.7	263.9	2.2											
Totals			22.0											350.4	7918.1	65.5											

Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air		Grass		Soil Temperatures			Solar		Penman								
			Daily	mm	9am	°C	9am	°C		Max	Daily	°C	Min	Daily	°C	10cm	9am	°C	30cm	9am	°C	100cm	9am	°C	Daily	Energy	Daily
1	5	1998	0.1	12.8	11.2	78.1	19.3	7.3	3.9	10.9	12.8	14.1	15.7	10.0	15.7	14.1	15.7	10.0	319.3	7.4	1.9						
2	5	1998	0	12.2	9.8	85.6	14.4	10.6	9.3	12.5	13.6	14.3	15.7	7.4	15.7	14.3	15.7	7.4	223.6	11.0	1.1						
3	5	1998	0	9.9	8.2	67.2	19.8	4.4	1.3	8.3	11.5	13.3	15.6	11.0	15.6	13.3	15.6	11.0	338.9	6.3	2.4						
4	5	1998	0	10.7	9.9	83	15.2	9.3	8.1	11.4	12.6	13.4	15.5	6.3	15.5	13.4	15.5	6.3	148.1	10.7	1.0						
5	5	1998	0	8.6	7.8	89.7	16.7	5.0	2.3	10.0	12.4	13.4	15.4	10.7	15.4	13.4	15.4	10.7	150.4	6.7	1.4						
6	5	1998	2.3	8.6	8.2	91.6	14.3	4.4	0.5	9.2	11.4	12.8	15.3	6.7	15.3	12.8	15.3	6.7	158.3	10.4	0.9						
7	5	1998	13.6	8.9	8.9	99.1	16.2	6.7	2.9	10.0	11.5	12.5	15.2	1.7	15.2	12.5	15.2	1.7	187.9	8.8	0.2						
8	5	1998	0	16.3	14.5	75.6	22.0	8.8	6.7	10.6	11.7	12.4	15.1	10.4	15.1	12.4	15.1	10.4	281.1	9.7	2.0						
9	5	1998	2.6	9.4	8.9	83.5	18.3	7.0	2.7	9.5	11.7	12.8	15.0	8.8	15.0	12.8	15.0	8.8	199.9	9.1	1.5						
10	5	1998	0	11.8	11.6	76.5	20.2	9.2	9.6	12.3	12.9	13.2	14.9	9.7	14.9	13.2	14.9	9.7	210.5	10.4	1.7						
11	5	1998	0	8.1	7.6	90.5	16.1	4.8	2.4	7.3	11.2	12.6	14.9	9.3	14.9	12.6	14.9	9.3	152.7	9.1	1.2						
12	5	1998	0	7.1	6.6	76.5	17.5	3.8	-0.3	8.7	10.5	12.1	14.8	9.1	14.8	12.1	14.8	9.1	192.8	10.4	1.6						
13	5	1998	3.5	13.4	11.9	92.5	15.0	6.9	4.1	10.8	11.4	12.1	14.7	3.2	14.7	12.1	14.7	3.2	198.5	10.4	0.5						
14	5	1998	0	4.0	3.9	76.5	15.6	1.2	-1.5	6.2	9.7	11.5	14.6	3.1	14.6	11.5	14.6	3.1	146.5	9.6	0.6						
15	5	1998	0.1	4.0	2.9	77	14.8	0.8	-2.9	4.4	8.3	10.4	14.5	9.6	14.5	10.4	14.5	9.6	234.9	8.4	1.4						
16	5	1998	0	14.7	9.9	66.8	16.2	3.0	-0.7	6.5	8.1	9.8	14.3	3.9	14.3	9.8	14.3	3.9	341.0	6.2	1.5						
17	5	1998	0	11.0	9.6	87.9	13.0	7.9	5.4	8.8	9.8	10.5	14.1	6.2	14.1	10.5	14.1	6.2	173.2	9.1	0.9						
18	5	1998	0	6.3	5.8	85.3	15.0	3.8	2.4	6.8	9.5	10.7	13.9	9.1	13.9	10.7	13.9	9.1	209.1	10.4	1.2						
19	5	1998	0	6.0	5.1	84.9	17.3	3.1	-0.4	5.3	8.3	10.0	13.9	9.0	13.9	10.0	13.9	9.0	176.0	8.6	1.3						
20	5	1998	0	9.1	7.9	70.2	17.6	2.1	-1.2	5.4	8.2	9.8	13.7	8.6	13.7	9.8	13.7	8.6	405.2	5.2	2.1						
21	5	1998	0	12.1	10.2	82.5	18.1	9.0	7.5	9.8	10.1	10.5	13.6	5.2	13.6	10.5	13.6	5.2	188.4	8.4	1.1						
22	5	1998	0.3	13.7	13.2	83.4	18.3	12.0	10.0	11.7	11.8	11.8	13.5	3.5	13.5	11.8	13.5	3.5	174.8	7.2	0.7						
23	5	1998	0	15.2	14.1	94.6	17.0	12.9	11.4	12.5	12.5	12.5	13.5	3.3	13.5	12.5	13.5	3.3	169.5	8.4	0.5						
24	5	1998	0.1	12.6	11.6	92.5	18.7	9.2	5.8	10.6	12.2	12.7	13.6	8.4	13.6	12.7	13.6	8.4	203.1	4.0	1.2						
25	5	1998	23.4	7.2	7.4	98	14.2	5.9	5.4	10.6	12.3	12.8	13.7	2.7	13.7	12.8	13.7	2.7	167.8	7.2	0.3						
26	5	1998	3.6	9.1	9.3	97.7	12.9	7.2	4.3	10.1	11.3	12.1	13.7	4.0	13.7	12.1	13.7	4.0	132.4	8.2	0.4						
27	5	1998	0	7.9	7.5	85.4	15.6	6.1	4.0	8.7	10.6	11.7	13.7	7.2	13.7	11.7	13.7	7.2	144.9	8.3	0.9						
28	5	1998	0	2.5	2.1	79.3	14.6	0.1	-2.0	4.6	8.8	10.8	13.7	8.2	13.7	10.8	13.7	8.2	205.2	7.2	1.2						
29	5	1998	0	5.5	4.9	79	18.0	1.9	-0.5	4.3	7.8	9.6	13.6	8.3	13.6	9.6	13.6	8.3	187.6	3.3	1.2						
30	5	1998	0	13.3	8.4	59.1	17.2	2.7	-0.3	5.6	7.8	9.3	13.4	3.3	13.4	9.3	13.4	3.3	539.4	8.2	2.2						
31	5	1998	0	15.8	11.0	67	15.8	13.1	10.0	10.0	10.0	10.2	13.2	8.2	13.2	10.2	13.2	8.2	404.3	7.0	1.8						
Means				9.9	8.7	83.1	16.6	6.1	3.6	8.8	10.7	11.8	14.4	7.0	14.4	11.8	14.4	7.0	224.7	216.0	1.2						
Totals			49.6																6965.3		37.9						

Date	Month	Year	Rain		Air Dry		Air Wet		RH		Air Max		Air Min		Grass Min		Soil Temperatures			Solar Energy		Windrun		Penman ET	
			Daily	mm	9am	°C	9am	°C	9am	°C	9am	%	Daily	°C	Daily	°C	Daily	°C	10cm	20cm	30cm	100cm	9am	°C	Daily
1	6	1998	0	3.1	2.2	60.5	13.6	-0.4	-4.6	3.9	7.6	9.4	13.1	7.9	398.2	2.1									
2	6	1998	2.2	13.9	9.9	68.3	18.3	2.9	1.9	7.8	8.4	9.2	13.0	6.3	479.3	1.9									
3	6	1998	0	5.1	3.7	72.1	12.2	2.1	-1.7	5.1	8.2	9.6	12.8	8.0	249.4	1.3									
4	6	1998	0	4.7	3.2	79.8	15.5	1.3	-2.9	3.5	6.5	8.3	12.7	7.9	187.5	1.1									
5	6	1998	0	2.3	1.7	87.7	12.9	0.2	-2.6	2.7	6.0	7.8	12.5	7.5	220.5	1.0									
6	6	1998	1.6	3.3	2.7	82.1	11.9	1.5	-0.2	4.1	6.6	7.9	12.4	4.6	161.2	0.7									
7	6	1998	4.2	8.4	8.6	99.5	12.0	3.1	2.7	7.5	7.8	8.3	12.1	2.4	138.8	0.2									
8	6	1998	0	11.0	11.0	80.1	20.1	8.4	8.3	9.6	9.5	9.5	12.0	7.4	304.7	1.5									
9	6	1998	0	15.0	13.1	89.2	20.4	10.9	8.0	10.9	10.9	10.8	12.0	6.1	211.1	1.0									
10	6	1998	0.1	10.4	9.9	88.1	11.4	8.3	6.6	10.1	11.0	11.3	12.1	3.8	427.4	0.7									
11	6	1998	0	4.7	4.4	83.1	10.0	2.3	-1.5	6.0	9.0	10.2	12.3	3.8	244.3	0.7									
12	6	1998	0	3.6	2.9	87.8	9.4	2.2	0.2	4.7	7.8	9.2	12.3	3.9	210.9	0.5									
13	6	1998	33.9	7.4	6.0	92.1	12.1	3.5	2.6	6.1	7.5	8.6	12.2	2.5	215.4	0.4									
14	6	1998	11.7	12.2	12.2	87.1	13.7	7.4	6.9	10.5	9.8	9.6	12.1	1.7	219.9	0.4									
15	6	1998	0	5.1	5.4	87.6	10.5	5.1	1.7	7.3	9.3	10.1	12.0	4.1	186.4	0.6									
16	6	1998	0	1.9	1.7	79.2	14.5	0.5	-1.7	4.8	8.1	9.4	12.0	7.1	192.7	1.1									
17	6	1998	3.3	10.0	8.6	94	13.0	1.7	0.8	8.3	8.6	9.1	12.0	2.9	159.5	0.4									
18	6	1998	2.8	8.7	9.0	88.7	12.4	8.5	7.3	9.1	9.5	9.8	11.9	4.4	224.2	0.6									
19	6	1998	1.8	10.7	8.4	88.2	13.8	2.1	-0.4	6.2	8.0	9.2	11.9	4.4	229.0	0.6									
20	6	1998	0	1.2	0.3	85.2	14.1	-0.6	-3.0	2.9	6.2	8.1	11.8	7.3	210.4	0.9									
21	6	1998	0	2.6	1.8	74	14.6	0.3	-1.7	2.5	5.4	7.2	11.7	7.3	257.2	1.3									
22	6	1998	0	12.6	9.3	71.4	16.0	2.4	-0.3	5.2	6.0	7.2	11.5	4.4	377.1	1.5									
23	6	1998	0	9.6	8.7	91.5	10.5	9.2	6.4	8.5	8.4	8.5	11.3	3.3	238.1	0.5									
24	6	1998	1	5.7	5.8	93	12.4	5.2	3.3	6.9	8.2	8.8	11.2	5.5	142.1	0.7									
25	6	1998	12.2	9.6	9.9	82.4	16.7	5.4	2.1	7.9	8.2	8.7	11.2	1.9	419.5	0.8									
26	6	1998	9.9	15.9	12.5	84.3	17.0	9.6	9.2	10.8	10.4	10.1	11.2	5.0	321.8	1.0									
27	6	1998	0	6.0	5.8	91.8	11.0	5.6	4.9	8.2	9.6	10.2	11.3	6.4	187.6	0.7									
28	6	1998	0.1	1.1	1.0	87.4	13.0	-1.1	-3.3	3.2	6.7	8.6	11.4	7.4	218.4	0.9									
29	6	1998	0	2.3	1.8	82.5	13.4	0.8	-2.2	2.5	5.5	7.4	11.4	7.5	201.6	1.0									
30	6	1998	2.8	6.3	4.9	89.8	14.1	2.2	-1.8	3.5	5.5	6.9	11.2	3.0	156.3	0.5									
Means				7.1	6.2	83.5	13.7	3.7	1.5	6.3	8.0	9.0	11.9	5.2	246.4	0.9									
Totals			75.9											155.4	7390.5	26.6									



Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air		Air Min		Grass		Soil Temperatures			Solar		Windrun		Penman				
			Daily	mm	9am	°C	9am	°C		Max	Daily	°C	Min	Daily	°C	10cm	9am	°C	20cm	9am	°C	30cm	9am	°C	100cm	9am	°C
1	8	1998	0	10.8	8.2	61.2	15.6	8.0	1.9	7.4	8.8	9.4	10.8	8.9	8.9	8.9	10.8	10.8	9.4	10.8	8.9	439.6	2.4				
2	8	1998	1.9	10.8	7.6	76.6	15.3	5.4	2.1	6.1	8.1	9.1	10.8	9.3	9.3	8.1	10.8	9.1	9.1	10.8	9.3	265.7	1.6				
3	8	1998	0	3.3	3.4	85.9	9.7	2.4	0.3	5.8	7.8	8.8	10.8	7.8	7.8	7.8	10.8	8.8	8.8	10.8	9.9	222.3	1.2				
4	8	1998	0	2.3	0.3	73.9	14.3	-0.3	-2.4	2.8	6.0	7.8	10.8	6.0	6.0	6.0	10.8	7.8	7.8	10.8	10.2	218.1	1.5				
5	8	1998	0	3.4	2.2	66.8	14.4	0.4	-3.8	2.7	5.7	7.3	10.7	5.7	5.7	5.7	10.7	7.3	7.3	10.7	10.1	319.0	2.0				
6	8	1998	0.6	12.2	8.9	79.6	15.6	3.0	0.7	6.8	7.3	9.0	10.5	6.4	6.4	7.3	10.5	7.9	9.0	10.5	6.4	425.7	1.5				
7	8	1998	0	9.8	9.4	90.4	13.2	8.8	8.1	9.0	9.1	9.0	10.5	7.3	7.3	9.0	10.5	9.0	9.0	10.5	7.3	134.9	0.9				
8	8	1998	0.1	4.0	3.9	80.3	11.0	0.7	-2.1	5.0	7.9	8.9	10.5	10.7	10.7	7.9	10.5	8.9	8.9	10.5	10.7	321.7	1.6				
9	8	1998	0	4.2	3.0	80.1	11.5	2.3	1.0	5.7	7.6	8.5	10.5	9.5	9.5	7.6	10.5	8.5	8.5	10.5	9.5	243.3	1.4				
10	8	1998	7.6	7.3	5.8	93.3	12.8	3.1	-0.2	5.5	7.0	8.1	10.5	4.2	4.2	7.0	10.5	8.1	8.1	10.5	4.2	160.4	0.6				
11	8	1998	0.6	10.2	10.7	89.2	15.8	7.3	7.7	9.4	9.1	9.1	10.5	6.2	6.2	9.1	10.5	9.1	9.1	10.5	6.2	243.1	1.0				
12	8	1998	0.9	12.6	8.9	85.5	17.8	10.1	6.4	9.3	10.3	10.3	10.5	8.8	8.8	10.3	10.5	10.3	10.3	10.5	8.8	267.9	1.4				
13	8	1998	0.5	7.5	7.5	82.9	11.1	7.0	7.6	9.4	10.1	10.3	10.6	4.7	4.7	10.1	10.6	10.3	10.3	10.6	4.7	217.1	0.8				
14	8	1998	1.1	6.7	6.5	92	10.5	5.9	5.6	8.0	9.3	9.9	10.7	5.9	5.9	9.3	10.7	9.9	9.9	10.7	5.9	126.2	0.7				
15	8	1998	0.4	4.4	4.4	70.9	13.2	2.4	-1.3	6.2	8.7	9.6	10.8	10.3	10.3	8.7	10.8	9.6	9.6	10.8	10.3	298.5	1.8				
16	8	1998	0.4	5.0	4.4	76.3	12.1	4.3	3.0	6.9	8.5	9.4	10.9	11.3	11.3	8.5	10.9	9.4	9.4	10.9	11.3	234.3	1.6				
17	8	1998	0	6.1	4.7	82.1	14.6	2.0	-2.1	4.4	7.4	8.8	10.9	12.0	12.0	7.4	10.9	8.8	8.8	10.9	12.0	224.6	1.7				
18	8	1998	0.2	4.7	4.3	86	12.7	1.5	-2.5	5.0	7.7	8.9	10.8	11.1	11.1	7.7	10.8	8.9	8.9	10.8	11.1	267.8	1.5				
19	8	1998	0.1	3.0	3.0	89.6	10.4	0.5	-2.5	4.9	7.2	8.5	10.8	10.1	10.1	7.2	10.8	8.5	8.5	10.8	10.1	231.0	1.2				
20	8	1998	2	2.7	2.2	85.5	10.8	-1.4	-4.6	3.1	6.2	7.9	10.7	11.6	11.6	6.2	10.7	7.9	7.9	10.7	11.6	224.4	1.4				
21	8	1998	0	2.5	0.3	78.5	12.0	-1.6	-5.8	3.0	6.2	7.7	10.6	10.5	10.5	6.2	10.6	7.7	7.7	10.6	10.5	226.9	1.4				
22	8	1998	0	3.7	2.5	81.2	12.9	-1.0	-3.7	2.7	5.6	7.2	10.5	12.4	12.4	5.6	10.5	7.2	7.2	10.5	12.4	204.6	1.6				
23	8	1998	0	10.8	6.7	64.4	15.6	-0.1	-5.7	2.9	5.8	7.3	10.4	11.9	11.9	5.8	10.4	7.3	7.3	10.4	11.9	507.9	3.0				
24	8	1998	12.2	14.0	13.0	88	16.2	10.6	10.6	9.9	8.8	8.5	10.3	6.6	6.6	8.8	10.3	8.5	8.5	10.3	6.6	320.4	1.2				
25	8	1998	3.9	9.4	9.2	92.8	9.5	8.9	8.5	10.1	10.2	10.0	10.3	3.3	3.3	10.2	10.3	10.0	10.0	10.3	3.3	215.0	0.5				
26	8	1998	10.6	8.6	8.5	99.8	12.2	6.8	6.8	8.7	9.2	9.5	10.4	4.1	4.1	9.2	10.4	9.5	9.5	10.4	4.1	93.4	0.4				
27	8	1998	1.9	12.3	12.8	97	16.6	8.5	9.0	10.6	10.3	10.1	10.5	7.3	7.3	10.3	10.5	10.1	10.5	7.3	186.2	0.4					
28	8	1998	0	9.5	9.4	94.7	12.9	6.9	3.5	9.8	10.4	10.6	10.6	7.4	7.4	10.4	10.6	10.6	10.6	7.4	196.8	0.9					
29	8	1998	4.1	11.2	8.8	62.2	17.7	4.3	-0.6	7.2	9.3	10.2	10.8	8.3	8.3	9.3	10.2	10.2	10.2	10.8	8.3	456.4	2.3				
30	8	1998	0	7.9	5.7	83.6	10.3	4.9	3.5	7.5	9.3	9.9	10.9	11.7	11.7	9.3	10.9	9.9	9.9	10.9	11.7	259.2	1.5				
31	8	1998	0.0	5.5	4.5	86.3	13.0	0.3	-3.2	4.8	7.7	9.1	10.9	14.2	14.2	7.7	10.9	9.1	9.1	10.9	14.2	202.9	1.8				
Means				7.3	6.2	81.9	13.3	3.9	1.5	6.5	8.1	9.0	10.6	8.9	8.9	8.1	10.6	9.0	9.0	10.6	8.9	256.6	1.4				
Totals			49.1											275.9	275.9						275.9	7955.3	42.8				

Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air		Grass		Soil Temperatures			Solar		Penman	
			Daily	mm	9am	°C	9am	°C		Max	Daily	°C	Min	Daily	°C	10cm	20cm	30cm	100cm	Daily
1	9	1998	0	7.7	7.0	82.9	15.6	2.5	-1.1	6.0	8.0	9.1	10.9	14.3	225.3	2.0				
2	9	1998	0	8.5	7.1	59.5	16.7	1.8	-0.8	5.9	8.2	9.3	10.9	14.4	405.3	3.1				
3	9	1998	7.5	13.6	10.8	92.1	15.8	8.3	4.2	7.8	8.7	9.4	10.9	5.5	189.9	0.7				
4	9	1998	2.5	6.1	5.7	86.4	12.2	3.1	0.3	6.7	8.4	9.3	10.9	12.1	238.0	1.5				
5	9	1998	0	8.7	6.8	62.2	16.0	1.0	-1.7	5.1	7.5	8.9	10.9	15.2	416.6	3.2				
6	9	1998	0.9	15.39	11.4	77.9	18.4	8.5	7.2	10.3	9.8	9.7	10.8	8.7	269.2	1.6				
7	9	1998	0	8.8	7.4	60	17.5	3.5	0.4	7.8	9.6	10.2	10.8	14.5	446.6	3.2				
8	9	1998	0	12.4	8.5	69.7	15.9	8.0	4.7	8.4	9.7	10.3	10.9	16.1	394.0	2.8				
9	9	1998	0	7.3	6.3	82.4	11.6	0.8	-1.9	6.2	8.6	9.8	11.0	15.4	224.7	2.0				
10	9	1998	0	8.7	6.7	57.6	17.8	0.3	-2.8	5.5	8.0	9.4	11.0	14.3	469.0	3.3				
11	9	1998	0	10.3	7.9	86.6	14.7	3.3	-2.2	6.8	8.5	9.4	11.0	9.8	221.2	1.5				
12	9	1998	0	9.4	8.7	83.8	15.5	6.7	5.0	9.0	9.6	9.9	11.0	16.4	223.0	2.3				
13	9	1998	0	9.8	8.1	73.7	17.5	3.4	-0.3	7.6	9.6	10.5	11.0	17.1	310.3	2.8				
14	9	1998	5.8	12.1	8.6	77.5	17.2	4.8	-0.7	8.1	9.7	10.6	11.1	14.3	418.9	2.8				
15	9	1998	10.6	14.5	14.6	84.3	20.4	11.9	11.8	12.6	11.8	11.5	11.2	15.1	392.0	2.7				
16	9	1998	2.8	17.3	16.1	95.2	18.7	14.0	12.8	14.4	13.4	12.7	11.3	8.9	228.1	1.3				
17	9	1998	1.7	13.2	12.3	88.2	17.6	8.6	4.5	12.0	12.6	12.8	11.5	11.9	193.8	1.7				
18	9	1998	0	12.7	11.5	78.1	17.7	8.3	5.3	11.9	12.5	12.7	11.7	17.6	264.7	2.7				
19	9	1998	0	13.2	10.8	85.9	18.4	4.9	2.2	9.7	11.6	12.5	11.9	17.9	219.4	2.6				
20	9	1998	0	11.8	10.7	67.7	20.4	6.1	2.9	10.2	11.7	12.5	12.0	18.0	374.0	3.5				
21	9	1998	0	14.1	11.4	80.3	14.6	8.5	4.5	11.7	12.5	12.8	12.1	18.2	296.4	2.7				
22	9	1998	0	13.5	11.1	84.8	14.6	6.4	1.3	9.7	11.2	12.3	12.2	18.4	248.5	2.5				
23	9	1998	0	11.7	9.8	80.4	18.5	3.4	-0.7	9.2	11.0	12.1	12.3	16.8	178.7	2.5				
24	9	1998	0	17.1	11.9	58	22.3	4.9	-0.5	9.9	11.4	12.2	12.3	11.4	518.0	3.4				
25	9	1998	0.4	16.7	13.9	91.6	18.3	12.6	10.4	12.0	11.9	12.2	12.4	6.8	324.4	1.0				
26	9	1998	9.2	15.1	13.0	79.5	17.8	9.0	8.7	11.8	11.9	12.2	12.4	10.6	317.7	2.0				
27	9	1998	6.6	16.3	15.5	94	21.9	12.4	11.7	13.5	13.0	12.8	12.4	11.0	311.0	1.6				
28	9	1998	0.1	10.0	10.1	92.8	13.6	9.1	9.0	12.4	13.0	13.2	12.5	14.0	211.2	1.8				
29	9	1998	0	12.4	11.2	63.7	20.9	4.7	2.0	10.0	11.5	12.6	12.6	20.4	382.7	4.1				
30	9	1998	0	18.0	11.8	49.8	23.0	9.2	4.0	11.3	12.3	13.0	12.7	20.9	392.8	4.9				
Means				12.2	10.2	78.9	17.4	6.3	3.3	9.4	10.6	11.2	11.6	14.2	310.2	2.5				
Totals			48.1											425.8	9305.4	73.8				

Date	Month	Year	Rain		Air Dry		Air Wet		RH		Air		Air Min		Grass		Soil Temperatures						Solar		Windrun		Penman	
			Daily	mm	9am	°C	9am	°C	Max	Daily	°C	Min	Daily	°C	10cm	9am	°C	20cm	9am	°C	30cm	9am	°C	100cm	9am	°C	Daily	km
1	10	1998	0.0	15.8	10.9	52.8	19.3	10.9	5.5	12.3	12.8	13.3	12.8	12.8	13.3	12.8	12.8	13.3	12.8	12.8	12.8	12.8	12.8	12.8	18.4	466.0	4.4	4.4
2	10	1998	0.3	15.6	11.5	82.1	17.7	11.3	7.3	11.6	12.7	13.3	12.7	12.7	13.3	12.8	12.7	13.3	12.8	12.8	12.8	12.8	12.8	14.5	407.6	2.5	2.5	
3	10	1998	0.0	9.6	8.4	70.2	13.0	5.8	3.5	11.0	12.1	12.9	12.1	12.1	12.9	12.9	12.1	12.9	12.9	12.9	12.9	12.9	17.3	335.3	3.1	3.1		
4	10	1998	0.0	13.0	8.7	60.0	19.7	8.7	5.4	10.2	12.2	12.9	12.2	12.2	12.9	13.0	12.2	12.9	13.0	13.0	13.0	13.0	19.4	530.6	4.4	4.4		
5	10	1998	0.0	11.8	9.1	61.7	18.1	8.7	6.4	10.4	12.3	13.0	12.3	12.3	13.0	13.0	12.3	13.0	13.0	13.0	13.0	13.0	20.9	473.0	4.2	4.2		
6	10	1998	0.0	9.9	8.1	64.7	21.1	4.7	-0.5	9.4	12.0	13.0	12.0	12.0	13.0	13.0	12.0	13.0	13.0	13.0	13.0	13.0	21.8	228.0	3.8	3.8		
7	10	1998	5.4	14.7	11.3	77.4	18.4	7.3	2.4	11.6	13.0	13.7	13.0	13.0	13.7	13.0	13.0	13.7	13.0	13.0	13.0	13.0	18.0	479.6	3.5	3.5		
8	10	1998	41.7	15.4	15.1	98.7	16.7	13.3	11.1	14.8	14.6	14.2	14.6	14.6	14.2	13.1	14.6	14.2	13.1	13.1	13.1	13.1	3.0	191.0	0.4	0.4		
9	10	1998	0.0	15.5	16.1	83.4	20.7	14.6	14.4	15.2	14.8	14.4	14.8	14.4	14.4	13.2	14.8	14.4	13.2	13.2	13.2	13.2	15.9	287.5	2.7	2.7		
10	10	1998	7.5	13.0	12.0	94.7	15.6	11.0	7.8	13.6	14.7	14.9	14.7	14.7	14.9	13.3	14.7	14.9	13.3	13.3	13.3	13.3	6.0	118.7	0.8	0.8		
11	10	1998	23.6	11.0	10.9	96.9	12.9	9.6	7.8	12.8	13.7	14.2	13.7	13.7	14.2	13.5	13.7	14.2	13.5	13.5	13.5	13.5	4.4	332.5	0.6	0.6		
12	10	1998	17.0	12.9	13.3	92.9	17.9	9.6	9.5	12.4	12.8	13.3	12.8	12.8	13.3	13.5	12.8	13.3	13.5	13.5	13.5	13.5	10.4	291.1	1.6	1.6		
13	10	1998	0.0	17.0	15.2	64.5	20.2	12.9	11.3	14.3	14.1	14.1	14.1	14.1	14.1	13.6	14.1	14.1	13.6	13.6	13.6	13.6	17.6	516.5	4.2	4.2		
14	10	1998	0.0	14.9	10.9	74.7	19.5	11.7	7.8	11.9	13.7	14.3	13.7	13.7	14.3	13.6	13.7	14.3	13.6	13.6	13.6	13.6	20.6	357.4	3.8	3.8		
15	10	1998	21.5	13.5	13.5	99.6	15.5	12.7	11.1	14.2	14.4	14.5	14.4	14.4	14.5	13.7	14.4	14.5	13.7	13.7	13.7	13.7	6.8	127.6	0.8	0.8		
16	10	1998	0.0	12.3	11.9	77.7	18.7	10.5	9.7	13.5	14.0	14.3	14.0	14.0	14.3	13.8	14.0	14.3	13.8	13.8	13.8	13.8	19.5	303.7	3.1	3.1		
17	10	1998	0.0	9.9	8.1	62.3	18.4	3.9	0.6	9.9	12.8	14.1	12.8	12.8	14.1	13.9	12.8	14.1	13.9	13.9	13.9	13.9	23.4	351.2	4.4	4.4		
18	10	1998	0.0	15.4	11.1	50.9	21.9	9.2	5.7	11.4	13.3	14.2	13.3	13.3	14.2	13.9	13.3	14.2	13.9	13.9	13.9	13.9	23.4	598.0	6.2	6.2		
19	10	1998	8.1	16.7	12.9	75.6	18.4	13.3	11.5	13.5	14.3	14.6	14.3	14.3	14.6	14.0	14.3	14.6	14.0	14.0	14.0	14.0	7.8	620.9	2.3	2.3		
20	10	1998	9.3	12.6	9.6	89.3	12.8	12.6	10.5	12.5	14.0	14.4	14.0	14.0	14.4	14.0	14.0	14.4	14.0	14.0	14.0	14.0	4.6	314.1	0.8	0.8		
21	10	1998	0.1	12.5	9.1	63.8	16.6	8.8	7.1	10.5	12.2	13.1	11.9	11.9	13.1	14.0	12.2	13.1	14.0	14.0	14.0	14.0	20.5	392.6	3.8	3.8		
22	10	1998	0.0	9.5	7.4	57.3	15.4	5.6	2.3	9.6	11.2	12.2	11.2	11.2	12.6	13.9	11.2	12.6	13.9	13.9	13.9	13.9	19.5	493.0	4.8	4.8		
23	10	1998	0.0	12.2	8.0	68.8	17.1	6.0	0.3	8.9	11.2	12.6	11.2	11.2	12.6	13.9	11.2	12.6	13.9	13.9	13.9	13.9	19.5	400.3	3.4	3.4		
24	10	1998	0.0	10.7	7.6	52.6	19.7	2.3	-0.6	8.1	10.8	12.3	10.8	10.8	12.3	13.8	10.8	12.3	13.8	13.8	13.8	13.8	25.7	381.2	5.1	5.1		
25	10	1998	0.0	13.8	9.1	52.0	20.9	8.3	3.2	10.7	12.4	13.3	12.4	12.4	13.3	13.7	12.4	13.3	13.7	13.7	13.7	13.7	24.5	596.5	6.1	6.1		
26	10	1998	0.0	17.0	12.6	61.0	21.4	13.4	10.7	13.9	14.0	14.2	14.0	14.0	14.2	13.7	14.0	14.2	13.7	13.7	13.7	13.7	20.0	626.4	5.3	5.3		
27	10	1998	7.2	18.0	14.6	87.6	20.6	15.9	14.6	15.7	15.6	15.2	15.6	15.6	15.2	13.8	15.6	15.2	13.8	13.8	13.8	12.4	411.0	2.3	2.3			
28	10	1998	1.8	16.7	17.2	96.1	19.9	15.4	14.0	16.0	15.8	15.5	15.8	15.8	15.5	13.9	15.8	15.5	13.9	13.9	13.9	12.4	195.2	1.6	1.6			
29	10	1998	0.1	17.4	13.7	71.2	18.6	12.5	11.8	15.4	15.5	15.5	15.5	15.5	15.5	14.1	15.5	15.5	14.1	14.1	14.1	18.4	387.3	3.7	3.7			
30	10	1998	0.9	17.5	14.0	85.3	21.6	12.6	9.0	14.2	14.8	15.2	14.8	14.8	15.2	14.2	14.8	15.2	14.2	14.2	14.2	18.5	310.4	2.9	2.9			
31	10	1998	0.0	11.5	11.3	92.4	14.2	10.7	10.6	13.9	15.1	15.5	15.1	15.1	15.5	14.3	15.1	15.5	14.3	14.3	14.3	11.2	216.9	1.6	1.6			
Means				13.8	11.4	74.8	18.1	10.1	7.5	12.4	13.5	14.0	13.5	13.5	14.0	13.6	13.5	14.0	13.6	13.6	13.6	16.1	378.7	3.2	3.2			
Totals				144.5																		500.6	11741.1	98.2	98.2			

Date	Month	Year	Rain		Air Dry		Air Wet		RH		Air Max		Air Min		Grass Min		Soil Temperatures			Solar Energy		Windrun		Penman ET	
			Daily	mm	9am	°C	9am	°C	9am	%	Daily	°C	Daily	°C	Daily	°C	9am	°C	9am	°C	9am	°C	Daily	mj/m2	Daily
1	11	1998	0.0	11.2	10.4	91.2	12.9	9.9	9.9	13.3	14.4	14.9	14.4	14.4	14.4	14.4	14.4	14.4	14.4	10.3	203.2	1.4	1.4		
2	11	1998	1.8	11.6	10.4	90.3	14.2	9.2	8.5	13.0	13.9	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.0	14.0	123.0	1.9	1.9		
3	11	1998	7.3	11.7	11.9	99.3	13.4	10.5	9.9	13.7	14.5	14.8	14.4	14.4	14.4	14.4	14.4	14.4	5.8	163.0	0.7	0.7			
4	11	1998	0.4	11.4	11.2	92.4	14.6	9.8	9.9	12.9	13.8	14.3	14.4	14.4	14.4	14.4	14.4	14.4	13.3	210.9	1.8	1.8			
5	11	1998	0.0	13.0	11.9	81.1	20.4	7.8	5.5	12.4	13.5	14.3	14.4	14.4	14.4	14.4	14.4	14.4	25.9	245.5	4.1	4.1			
6	11	1998	0.0	17.2	14.4	63.8	23.2	9.8	7.4	13.6	14.8	15.4	14.4	14.4	14.4	14.4	14.4	14.4	25.7	473.6	5.5	5.5			
7	11	1998	0.0	13.5	11.4	86.2	17.2	13.4	9.1	14.5	15.8	16.0	14.5	14.5	14.5	14.5	14.5	16.6	239.1	2.5	2.5				
8	11	1998	0.0	12.4	11.3	85.3	17.0	7.7	3.8	13.5	14.6	15.4	14.7	14.7	14.7	14.7	14.7	28.0	224.8	4.1	4.1				
9	11	1998	0.0	17.0	14.1	75.0	25.3	8.6	4.5	14.4	15.6	16.3	14.7	14.7	14.7	14.7	14.7	23.3	223.9	4.0	4.0				
10	11	1998	0.0	15.5	13.2	89.8	18.4	7.0	4.5	15.0	16.3	16.9	14.9	14.9	14.9	14.9	14.9	27.0	237.7	3.9	3.9				
11	11	1998	0.0	13.4	12.9	69.2	19.6	8.3	5.9	15.5	16.9	17.4	15.0	15.0	15.0	15.0	15.0	26.1	326.8	4.9	4.9				
12	11	1998	0.0	15.8	12.3	62.4	23.2	12.9	9.1	16.6	17.8	18.0	15.2	15.2	15.2	15.2	15.2	25.2	428.6	5.2	5.2				
13	11	1998	0.0	11.8	9.0	81.6	15.7	10.2	8.5	16.0	17.8	18.1	15.4	15.4	15.4	15.4	15.4	21.4	294.4	3.2	3.2				
14	11	1998	0.0	12.7	10.4	80.3	15.2	3.7	1.7	14.0	16.2	17.3	15.6	15.6	15.6	15.6	15.6	23.5	284.5	3.5	3.5				
15	11	1998	0.0	13.3	10.9	80.7	17.7	6.9	3.7	14.7	16.2	17.0	15.6	15.6	15.6	15.6	15.6	28.3	226.0	4.2	4.2				
16	11	1998	0.0	14.5	12.4	62.9	23.7	5.8	3.9	15.1	16.8	17.6	15.7	15.7	15.7	15.7	15.7	29.7	360.6	5.8	5.8				
17	11	1998	0.0	18.3	14.1	66.7	23.9	10.7	5.9	16.9	18.0	18.4	15.8	15.8	15.8	15.8	15.8	29.9	302.4	5.4	5.4				
18	11	1998	0.0	16.5	13.7	62.1	23.8	8.1	5.8	17.1	18.4	19.0	15.9	15.9	15.9	15.9	15.9	29.4	376.1	5.8	5.8				
19	11	1998	0.0	16.1	13.3	81.7	20.0	8.5	6.0	17.5	18.7	19.2	16.0	16.0	16.0	16.0	16.0	27.7	312.1	4.5	4.5				
20	11	1998	0.0	13.3	11.3	78.3	17.8	12.3	11.1	18.4	19.8	19.8	16.2	16.2	16.2	16.2	16.2	22.2	305.1	3.6	3.6				
21	11	1998	0.0	13.0	10.4	78.7	15.7	8.4	4.2	16.9	18.4	19.0	16.3	16.3	16.3	16.3	16.3	24.5	283.0	3.8	3.8				
22	11	1998	0.0	12.8	10.5	77.0	16.3	6.9	1.9	16.3	18.1	18.8	16.4	16.4	16.4	16.4	16.4	27.7	285.3	4.3	4.3				
23	11	1998	0.0	16.1	13.4	73.8	22.9	7.6	3.7	16.6	18.1	18.8	16.5	16.5	16.5	16.5	16.5	21.5	284.1	3.8	3.8				
24	11	1998	0.0	12.8	12.0	77.5	22.8	10.4	9.2	16.6	18.3	18.8	16.5	16.5	16.5	16.5	16.5	23.5	254.1	4.0	4.0				
25	11	1998	1.4	16.0	13.9	88.4	17.9	12.4	10.5	18.5	19.2	19.3	16.6	16.6	16.6	16.6	16.6	18.1	309.9	2.7	2.7				
26	11	1998	0.3	11.0	10.5	79.5	13.7	9.5	9.0	15.7	17.9	18.7	16.7	16.7	16.7	16.7	16.7	16.0	340.6	2.6	2.6				
27	11	1998	0.0	11.2	8.8	71.2	13.0	8.0	6.7	14.4	16.1	17.1	16.7	16.7	16.7	16.7	16.7	14.0	301.0	2.5	2.5				
28	11	1998	0.1	11.5	8.6	78.4	16.1	8.1	4.6	13.8	15.7	16.7	16.6	16.6	16.6	16.6	16.6	20.8	512.9	3.7	3.7				
29	11	1998	24.9	13.7	12.6	90.4	18.7	11.2	9.7	15.2	16.6	17.1	16.5	16.5	16.5	16.5	16.5	11.7	299.7	1.8	1.8				
30	11	1998	0.0	13.7	14.0	82.8	21.0	12.6	12.6	15.0	16.2	16.8	16.4	16.4	16.4	16.4	16.4	21.5	302.8	3.7	3.7				
Means				13.7	11.8	79.3	18.5	9.2	6.9	15.2	16.6	17.2	15.6	15.6	15.6	15.6	15.6	21.8	291.2	3.6	3.6				
Totals			36.2															652.6	8734.7	108.9					

Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air		Grass		Soil Temperatures			Solar		Penman									
			Daily	mm	9am	°C	9am	°C		Max	Daily	°C	Min	Daily	°C	10cm	9am	°C	20cm	9am	°C	30cm	9am	°C	Daily	Energy	Daily	Windrun
1	12	1998	0	18.1	13.7	68.5	21.3	13.5	11.8	16.0	16.9	17.3	16.4	16.4	16.4	23.4	408.1	23.4	408.1	4.7								
2	12	1998	0	16.4	13.5	80.2	21.9	11.4	7.4	15.7	16.6	17.2	16.3	16.3	16.3	26.6	323.4	26.6	323.4	4.5								
3	12	1998	3.5	14.6	12.9	87.5	16.1	12.8	12.2	17.4	18.5	18.6	16.4	16.4	16.4	12.0	387.3	12.0	387.3	2.0								
4	12	1998	8.7	12.5	11.9	96.1	15.3	11.8	11.3	14.9	16.9	17.6	16.5	16.5	16.5	8.4	229.0	8.4	229.0	1.1								
5	12	1998	0	15.3	14.0	69	22.9	11.7	11.2	15.4	15.6	16.3	16.5	16.5	16.5	29.1	330.9	29.1	330.9	5.5								
6	12	1998	0	17.7	15.0	72.1	20.9	12.0	7.7	15.9	16.7	17.3	16.4	16.4	16.4	18.0	401.4	18.0	401.4	3.7								
7	12	1998	0	16.6	12.4	56	22.0	12.0	9.4	14.9	16.3	17.1	16.4	16.4	16.4	29.3	532.4	29.3	532.4	6.6								
8	12	1998	0	17.4	12.3	61.1	20.0	12.8	9.6	16.1	17.1	17.7	16.4	16.4	16.4	30.4	421.5	30.4	421.5	5.7								
9	12	1998	0	14.3	11.5	55.9	20.6	6.5	1.3	15.0	16.7	17.6	16.5	16.5	16.5	25.1	413.4	25.1	413.4	5.3								
10	12	1998	0.4	15.3	10.4	75.8	19.1	9.9	6.6	15.5	16.9	17.6	16.5	16.5	16.5	25.1	302.8	25.1	302.8	4.0								
11	12	1998	0	13.2	10.4	76.7	18.3	6.3	3.3	14.6	16.6	17.6	16.6	16.6	16.6	23.8	260.1	23.8	260.1	3.9								
12	12	1998	0	15.4	13.5	85.7	20.3	11.3	10.3	16.9	17.7	18.1	16.6	16.6	16.6	17.5	195.9	17.5	195.9	2.8								
13	12	1998	0	18.9	16.2	58.5	31.6	10.2	7.7	17.3	17.6	18.1	16.6	16.6	16.6	27.7	492.8	27.7	492.8	6.7								
14	12	1998	0	12.5	11.9	88.4	15.3	12.0	11.9	18.7	20.2	19.9	16.7	16.7	16.7	14.2	198.6	14.2	198.6	2.1								
15	12	1998	0	15.6	13.1	83.9	19.3	10.6	9.5	17.6	18.2	18.7	16.8	16.8	16.8	26.0	223.3	26.0	223.3	4.1								
16	12	1998	0	15.9	14.5	89	19.4	9.8	6.9	18.1	19.0	19.3	16.9	16.9	16.9	28.9	225.9	28.9	225.9	4.4								
17	12	1998	0	16.7	15.2	91.4	19.8	11.7	9.3	19.3	19.9	20.0	17.0	17.0	17.0	21.9	242.5	21.9	242.5	3.4								
18	12	1998	34.9	16.7	16.0	94.3	21.4	13.9	13.0	19.1	20.0	20.0	17.1	17.1	17.1	9.1	178.2	9.1	178.2	1.4								
19	12	1998	0	19.6	17.8	69.4	23.2	16.1	15.6	18.6	18.9	19.0	17.3	17.3	17.3	28.5	568.1	28.5	568.1	6.2								
20	12	1998	0	20.2	15.4	69	23.9	16.9	14.0	17.5	18.5	19.0	17.3	17.3	17.3	27.2	452.1	27.2	452.1	5.6								
21	12	1998	0	21.0	16.5	71	26.5	13.5	10.7	17.8	18.5	19.0	17.4	17.4	17.4	29.6	317.8	29.6	317.8	5.7								
22	12	1998	0	18.9	16.7	78.5	25.8	14.7	12.3	19.0	20.1	20.2	17.4	17.4	17.4	18.8	281.0	18.8	281.0	3.5								
23	12	1998	0	18.4	16.9	78.5	21.3	11.9	9.7	17.9	19.0	19.6	17.5	17.5	17.5	18.0	290.6	18.0	290.6	3.2								
24	12	1998	0	15.9	12.1	79.3	18.2	7.8	5.0	16.4	18.5	19.3	17.5	17.5	17.5	24.1	340.8	24.1	340.8	4.0								
25	12	1998	0	13.8	12.0	78.6	16.8	10.6	6.6	16.9	18.8	19.3	17.6	17.6	17.6	22.7	291.2	22.7	291.2	3.7								
26	12	1998	0	14.6	11.8	79.1	18.2	8.8	7.4	17.1	18.5	19.2	17.6	17.6	17.6	32.3	265.9	32.3	265.9	5.0								
27	12	1998	0	15.8	13.5	65.8	25.2	8.8	7.0	17.0	19.0	19.8	17.6	17.6	17.6	32.7	313.2	32.7	313.2	6.3								
28	12	1998	0	20.9	15.4	50.8	24.2	14.5	10.3	19.6	20.8	21.0	17.7	17.7	17.7	32.3	567.3	32.3	567.3	8.0								
29	12	1998	0	20.9	15.1	60.8	24.9	17.2	14.3	20.1	21.1	21.3	17.8	17.8	17.8	28.9	516.7	28.9	516.7	6.7								
30	12	1998	0	20.1	16.3	68.6	26.0	18.1	16.3	20.5	21.6	21.6	18.0	18.0	18.0	29.4	458.5	29.4	458.5	6.3								
31	12	1998	0	22.4	18.5	57.4	28.5	17.1	12.8	21.2	22.2	22.1	18.1	18.1	18.1	32.3	400.1	32.3	400.1	7.3								
Means				16.9	14.1	74.1	21.6	12.1	9.7	17.3	18.5	18.9	17.0	17.0	17.0	24.3	349.4	24.3	349.4	4.6								
Totals			47.5													753.4	10830.8	753.4	10830.8	143.4								