

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	Daily	Min Daily	10cm 9am	20cm 9am	30cm 9am	100cm 9am	Daily		
				°C	°C	%	°C	°C	°C	°C	°C	°C	°C	°C	mj/m2	km	mm	
1	1	1997	0.0	15.7	15.2	95.4	24.0	14.7	14.6	17.6	18.9	19.3	17.4	17.6	17.6	278.6	4.9	
2	1	1997	0.7	15.7	14.2	84.1	29.5	12.3	8.4	16.4	19.4	20.0	17.4	19.4	29.4	262.7	5.7	
3	1	1997	15.9	15.4	15.3	99.1	18.9	15.0	14.3	19.4	21.0	21.0	17.4	19.4	31.9	338.1	2.7	
4	1	1997	19.6	16.3	15.3	88.7	18.8	12.2	10.0	16.2	19.0	19.8	17.5	18.6	18.6	225.4	2	
5	1	1997	0.1	8.9	7.9	86.7	16.0	5.4	3.0	11.7	16.0	17.7	17.6	13.5	13.5	263.0	4.2	
6	1	1997	0.0	9.9	8.7	84.1	18.0	5.7	3.9	11.6	15.3	16.8	17.5	27.3	27.3	324.6	3.9	
7	1	1997	0.0	12.2	11.3	87.9	18.9	8.5	6.9	13.2	16.2	17.2	17.2	25.9	25.9	209.7	4.6	
8	1	1997	0.0	14.9	13.7	86.1	18.6	12.0	9.9	17.1	18.5	18.7	17.1	29.4	29.4	221.7	3.8	
9	1	1997	0.0	13.3	12.7	92.9	25.5	9.6	7.3	15.5	18.5	19.1	17.1	25.5	25.5	222.6	4.8	
10	1	1997	9.0	15.6	14.9	92.5	21.6	13.1	11.5	18.5	20.3	20.4	17.2	28.9	28.9	231.3	1.6	
11	1	1997	10.0	15.1	14.8	96.8	19.3	14.4	14.5	17.3	19.0	19.4	17.4	9.6	9.6	180.7	1.2	
12	1	1997	0.6	16.6	14.4	76.8	21.7	12.8	10.2	15.8	17.8	18.5	17.4	8.2	8.2	230.7	4.1	
13	1	1997	5.2	13.8	13.3	93.5	16.0	11.6	9.1	14.7	17.0	18.0	17.4	22.8	22.8	380.6	2.3	
14	1	1997	6.9	12.6	12.1	94.5	15.4	10.0	7.3	14.2	16.5	17.5	17.4	16.1	16.1	233.4	1.1	
15	1	1997	0.0	13.2	12.4	90.2	19.5	12.3	11.4	14.3	15.9	16.6	17.3	7.0	7.0	228.6	3.3	
16	1	1997	0.0	11.4	10.9	94.3	17.4	9.3	7.0	13.9	16.5	17.3	17.2	21.0	21.0	260.3	2.3	
17	1	1997	0.0	12.5	11.8	90.3	23.7	10.4	7.4	14.4	16.5	17.1	17.1	14.8	14.8	216.9	4.9	
18	1	1997	0.0	15.8	13.2	72.5	23.0	11.9	8.0	15.2	17.8	18.3	17.0	28.1	28.1	309.0	4.5	
19	1	1997	6.1	11.1	9.7	81.2	17.8	7.3	3.3	13.4	17.1	18.1	17.1	22.4	22.4	368.2	2.7	
20	1	1997	0.0	8.8	8.3	91.9	17.0	6.7	5.0	12.3	16.0	17.2	17.1	18.5	18.5	201.3	4.4	
21	1	1997	0.0	11.1	10.6	93.9	26.8	8.6	6.4	14.0	17.0	17.8	17.0	29.1	29.1	259.6	5.4	
22	1	1997	0.0	22.6	15.9	45.3	33.2	11.0	9.3	16.2	18.5	18.8	17.0	27.2	27.2	309.9	6.7	
23	1	1997	0.0	12.8	11.2	80.8	15.4	11.3	11.2	17.7	19.9	20.1	17.1	31.1	31.1	505.1	1.6	
24	1	1997	0.0	10.0	9.5	93.1	24.9	6.8	3.9	13.4	17.1	18.3	17.3	10.8	10.8	211.5	5.5	
25	1	1997	0.0	18.2	16.4	82.3	19.8	9.8	10.9	17.9	19.9	19.9	17.3	30.5	30.5	332.6	2.6	
26	1	1997	0.0	13.1	11.7	83.7	17.9	12.3	12.2	17.1	19.1	19.5	17.4	15.4	15.4	326.7	3.3	
27	1	1997	0.0	9.5	8.9	91.2	18.8	6.2	4.3	13.9	18.0	19.1	17.4	21.8	21.8	316.1	4.7	
28	1	1997	0.0	10.8	10.0	89.6	20.7	7.3	5.9	14.8	18.6	19.5	17.5	30.9	30.9	274.7	4.8	
29	1	1997	0.0	10.2	9.7	93.3	21.0	7.0	3.0	15.5	19.4	20.1	17.5	31.0	31.0	243.2	4.7	
30	1	1997	0.0	11.1	10.4	91.3	20.0	8.0	4.3	16.4	19.9	20.5	17.6	30.4	30.4	207.5	4.5	
31	1	1997	0.0	12.6	12.2	94.7	20.5	10.3	6.8	16.8	19.9	20.5	17.7	29.7	29.7	285.0	4.5	
Means				13.2	12.1	87.7	20.6	10.1	8.1	15.4	18.1	18.8	17.3	22.7	22.7	272.9	3.8	
Totals			74.1											704.4	704.4	8459.3	117.3	

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	Energy	Daily	Windrun
1	2	1997	0.0	11.8	11.1	92.2	19.8	8.9	6.4	16.5	20.0	20.6	17.8	28.6	277.3	3.8							
2	2	1997	0.0	12.5	12.1	94.8	20.3	9.6	6.7	16.5	19.8	20.5	17.9	25.2	226.6	4.4							
3	2	1997	1.3	13.4	12.9	94.2	24.2	10.5	7.9	17.5	20.3	20.8	18.0	28.7	233.0	3.2							
4	2	1997	2.6	15.9	15.7	97.6	20.5	13.1	12.8	18.8	20.6	20.7	18.0	18.9	212.2	1.7							
5	2	1997	29.2	11.2	11.0	97.3	17.9	10.6	9.0	15.5	18.8	19.7	18.1	11.2	188.8	1.3							
6	2	1997	0.0	15.1	13.6	84.1	19.7	11.1	11.4	15.9	17.5	18.2	18.1	8.6	234.0	3.7							
7	2	1997	3.2	13.3	12.7	92.9	21.8	11.0	9.3	14.7	17.8	18.6	17.9	23.2	283.1	4							
8	2	1997	0.0	14.8	14.4	95.9	24.3	13.0	12.6	17.4	19.2	19.5	17.9	24.8	228.3	5.7							
9	2	1997	0.4	20.6	14.9	49.6	22.3	14.8	15.1	18.2	19.6	19.9	17.9	25.0	443.2	1.8							
10	2	1997	0.0	16.9	15.1	81.5	25.4	13.6	12.4	16.5	18.2	18.8	17.9	6.7	324.4	2.7							
11	2	1997	0.2	20.3	17.6	74.4	26.3	16.6	15.0	18.2	19.0	19.0	17.9	11.3	368.5	2.3							
12	2	1997	0.0	16.6	15.9	93.2	20.8	14.5	12.1	17.8	19.9	20.0	17.9	21.7	405.3	2.8							
13	2	1997	0.0	12.2	11.7	93.4	18.4	9.8	7.0	15.4	18.8	19.6	17.9	16.9	305.6	2.9							
14	2	1997	0.0	9.6	9.4	97.7	22.4	7.3	4.1	13.7	17.7	18.9	17.9	18.6	257.4	4.4							
15	2	1997	0.0	14.7	14.2	94.3	20.6	9.4	9.2	18.4	19.9	20.0	17.9	27.7	214.8	3.7							
16	2	1997	0.0	14.1	13.4	92.5	29.1	10.5	6.7	16.4	19.7	20.3	17.9	23.5	216.4	5.2							
17	2	1997	0.0	12.1	11.8	95.1	23.7	10.6	8.1	17.1	20.3	20.7	18.0	27.8	352.2	4.3							
18	2	1997	0.0	12.8	12.6	97.8	21.4	9.6	5.8	17.2	20.6	21.2	18.1	26.8	210.9	3.4							
19	2	1997	0.0	13.4	12.9	94.0	21.9	12.7	10.5	18.3	20.5	20.8	18.2	21.1	239.6	2.5							
20	2	1997	0.0	16.6	15.5	88.4	21.4	13.3	13.3	19.0	20.3	20.5	18.3	14.1	236.7	2.4							
21	2	1997	0.0	14.5	14.4	98.0	26.8	13.1	11.2	17.8	20.3	20.7	18.3	15.7	220.7	2.5							
22	2	1997	0.0	16.2	15.6	92.6	30.6	14.3	14.1	18.5	20.3	20.5	18.3	11.8	253.6	5.3							
23	2	1997	2.3	21.3	17.8	68.7	29.7	16.2	16.0	20.9	22.2	21.9	18.4	24.9	326.6	3.6							
24	2	1997	0.1	14.7	14.2	94.3	22.2	14.1	14.1	19.3	21.7	21.9	18.5	17.8	314.9	3.2							
25	2	1997	0.5	19.2	18.6	93.9	25.6	14.5	14.4	20.4	21.4	21.3	18.6	17.4	247.8	3							
26	2	1997	0.1	13.2	10.7	71.0	23.3	10.8	6.5	16.7	20.5	21.1	18.6	16.3	298.7	6.3							
27	2	1997	0.1	18.6	16.5	79.7	22.8	13.1	11.4	19.2	20.6	20.9	18.7	25.3	574.9	3.9							
28	2	1997	0.0	13.1	11.9	86.3	21.4	10.7	7.1	16.8	19.8	20.6	18.7	22.4	326.0	3.3							
Means				14.9	13.9	88.8	23.0	12.0	10.4	17.4	19.8	20.2	18.1	20.1	286.5	3.5							
Totals			40.0											561.9	8021.5	97.3							

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	30cm	100cm	Daily	mj/m2	Daily	km
1	3	1997	0.0	0.0	15.0	13.4	82.3	25.4	12.9	9.6	17.7	19.9	20.5	18.7	18.7	20.2	198.8	3.6							
2	3	1997	0.0	0.0	20.0	17.6	77.0	30.3	14.7	11.5	18.7	20.5	20.8	18.7	18.1	20.1	253.6	4.5							
3	3	1997	0.1	0.1	15.8	13.7	78.0	20.3	14.3	14.3	19.8	21.5	21.6	18.7	23.6	319.5	2.5								
4	3	1997	1.0	1.0	14.1	13.5	93.1	22.5	13.5	13.3	18.4	20.3	20.8	18.7	13.1	314.9	3.4								
5	3	1997	13.2	13.2	19.1	18.6	94.4	27.0	14.1	14.3	19.8	21.1	21.2	18.8	19.5	197.4	2.4								
6	3	1997	0.2	0.2	12.7	12.2	93.5	16.4	12.6	12.2	16.8	19.8	20.7	18.8	13.7	326.0	1.3								
7	3	1997	2.5	2.5	14.9	11.2	60.6	17.6	11.4	9.7	13.6	16.5	18.1	18.8	5.0	296.0	1.7								
8	3	1997	1.3	1.3	13.6	12.2	82.8	20.8	11.8	10.0	14.1	16.3	17.3	18.6	9.1	178.7	1.9								
9	3	1997	0.9	0.9	14.6	14.7	100.0	24.9	11.6	9.4	15.1	17.1	17.8	18.3	12.6	136.0	4.6								
10	3	1997	0.4	0.4	12.2	11.8	94.3	17.3	12.3	11.1	15.9	17.9	18.5	18.2	22.1	378.8	2.7								
11	3	1997	0.4	0.4	8.7	8.1	91.5	18.3	6.4	2.6	11.9	16.1	17.7	18.1	18.7	222.6	2.3								
12	3	1997	0.1	0.1	13.6	10.6	66.3	16.5	12.8	10.6	14.1	16.5	17.4	18.1	9.5	374.0	3								
13	3	1997	0.0	0.0	10.0	7.6	68.8	17.5	7.5	5.7	12.1	15.2	16.6	17.9	14.0	399.5	2								
14	3	1997	0.0	0.0	9.2	8.1	84.2	20.9	5.0	2.2	10.5	14.4	16.0	17.8	12.4	188.9	3.7								
15	3	1997	0.0	0.0	15.1	10.5	51.3	24.8	8.6	4.2	12.9	15.9	16.9	17.6	21.1	262.9	6.8								
16	3	1997	0.0	0.0	21.4	13.9	37.5	23.9	14.7	14.1	17.9	17.9	18.0	17.5	22.9	524.2	4.6								
17	3	1997	0.0	0.0	15.0	9.9	46.7	19.5	7.3	3.9	14.4	17.1	18.2	17.5	21.9	321.0	3.8								
18	3	1997	0.0	0.0	15.7	11.1	52.3	18.6	7.1	2.4	14.6	17.0	18.1	17.6	20.8	246.6	2.5								
19	3	1997	0.0	0.0	14.1	10.0	54.7	21.7	8.2	5.6	14.2	16.6	17.6	17.6	14.3	257.7	4.6								
20	3	1997	0.7	0.7	18.9	11.8	35.8	22.9	13.3	11.2	16.2	17.5	18.2	17.5	20.0	310.5	3								
21	3	1997	18.4	18.4	14.5	13.1	84.7	14.8	13.0	10.4	16.3	17.7	18.2	17.5	13.4	297.6	0.6								
22	3	1997	4.9	4.9	14.9	14.5	95.3	17.3	13.5	13.2	15.3	16.4	17.1	17.5	4.1	122.4	1.2								
23	3	1997	0.0	0.0	12.4	10.5	77.3	15.6	10.9	9.4	13.0	15.1	16.3	17.5	6.4	285.6	1.7								
24	3	1997	0.0	0.0	11.4	10.0	81.8	19.0	8.0	5.3	11.8	14.0	15.4	17.3	9.1	247.0	2								
25	3	1997	0.7	0.7	12.7	10.3	71.8	18.9	6.7	4.4	11.6	14.2	15.6	17.1	16.8	199.8	2.6								
26	3	1997	2.1	2.1	11.6	11.2	94.9	14.3	9.0	5.9	13.4	14.8	15.7	17.0	17.1	193.5	1								
27	3	1997	0.0	0.0	12.6	11.0	80.9	17.2	10.6	10.3	12.8	14.1	15.1	16.9	5.9	178.2	1.3								
28	3	1997	0.1	0.1	12.3	10.8	82.5	18.1	6.5	4.8	10.8	13.4	15.0	16.8	15.4	195.5	2.7								
29	3	1997	0.0	0.0	12.3	10.7	80.2	21.0	6.5	4.9	10.9	13.6	15.0	16.7	18.8	203.0	3								
30	3	1997	0.1	0.1	13.0	11.3	80.1	19.0	6.8	2.7	11.8	14.3	15.5	16.6	18.4	219.7	2.7								
31	3	1997	0.0	0.0	12.9	11.8	86.9	19.2	7.2	4.3	12.3	14.6	15.7	16.6	18.3	182.6	2.7								
Means					14.0	11.8	76.2	20.0	10.3	8.2	14.5	16.7	17.6	17.8	15.4	259.1	2.8								
Totals			47.1												476.3	8032.5	86.4								

Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air Max		Air Min		Grass Min		Soil Temperatures			Solar Energy		Windrun Daily	Penman ET
			Daily	mm	9am	°C	9am	°C		Daily	°C	Daily	°C	Daily	°C	9am	°C	9am	°C	9am		
1	4	1997	0.1	13.8	12.1	80.3	15.4	10.2	14.7	15.7	16.2	16.5	17.0	5.7	14.7	14.7	16.5	16.5	17.0	17.0	215.9	1.3
2	4	1997	0.0	13.1	11.8	84.5	15.0	11.5	14.2	15.2	15.8	16.5	16.6	11.0	14.2	14.2	16.5	16.5	16.6	16.6	265.2	1.2
3	4	1997	0.0	12.9	11.0	78.2	20.6	6.3	11.5	14.1	15.3	16.5	16.5	1.2	11.5	11.5	16.5	16.5	16.5	16.5	197.3	2.9
4	4	1997	0.0	19.0	15.4	65.6	25.1	10.5	13.5	14.8	15.7	16.5	16.8	5.9	13.5	13.5	16.5	16.5	16.8	16.8	179.0	4.1
5	4	1997	0.0	20.5	15.2	53.3	24.6	16.2	16.0	16.6	16.8	16.4	16.1	12.3	16.0	16.0	16.4	16.4	16.1	16.1	390.9	5
6	4	1997	0.0	18.2	14.6	64.3	23.1	15.8	16.5	17.4	17.5	16.5	16.1	13.1	16.5	16.5	16.5	16.5	16.1	16.1	567.6	3.7
7	4	1997	8.0	17.7	13.8	61.3	22.4	14.1	15.0	16.5	17.1	16.6	11.8	11.1	15.0	16.6	16.6	16.6	11.8	11.8	408.0	2.9
8	4	1997	7.1	19.1	18.0	88.5	20.9	15.8	16.7	17.1	17.3	16.6	11.5	12.7	16.7	17.3	16.6	16.6	11.5	11.5	433.1	1.2
9	4	1997	0.0	16.6	13.2	65.2	19.7	13.5	14.7	16.4	17.0	16.7	6.0	11.9	14.7	16.4	16.7	16.7	6.0	6.0	272.3	2.6
10	4	1997	0.0	11.9	8.7	62.2	18.2	5.1	9.6	13.3	15.2	16.7	12.1	3.4	9.6	13.3	16.7	16.7	12.1	12.1	280.3	2.5
11	4	1997	0.0	11.0	9.2	76.5	16.7	4.2	9.3	12.5	14.4	16.6	16.1	3.3	9.3	12.5	16.6	16.6	16.1	16.1	198.9	2.3
12	4	1997	0.0	9.3	8.0	81.2	16.6	4.6	9.7	12.8	14.3	16.4	14.7	3.7	9.7	12.8	16.4	16.4	14.7	14.7	241.2	2.2
13	4	1997	10.7	10.8	9.2	79.4	20.6	4.3	9.5	12.4	14.0	16.2	14.8	4.0	9.5	12.4	16.2	16.2	14.8	14.8	197.6	1.4
14	4	1997	0.0	9.6	8.8	88.5	15.4	5.1	9.5	12.4	13.8	16.1	9.1	4.7	9.5	12.4	16.1	16.1	9.1	9.1	177.9	1.7
15	4	1997	0.0	9.2	7.9	83.0	18.4	4.1	8.8	11.9	13.4	16.0	11.5	3.9	8.8	11.9	16.0	16.0	11.5	11.5	182.2	1.9
16	4	1997	5.0	8.2	7.1	84.6	12.2	5.6	9.0	11.7	13.2	15.8	11.6	3.4	9.0	11.7	15.8	15.8	11.6	11.6	181.7	0.6
17	4	1997	0.0	7.7	6.2	77.9	19.8	2.0	6.4	9.9	12.0	15.7	4.6	0.6	6.4	9.9	15.7	15.7	4.6	4.6	162.2	3.4
18	4	1997	3.7	17.6	12.2	78.2	21.7	7.5	10.4	11.7	12.6	15.5	14.3	5.7	10.4	11.7	15.5	15.5	14.3	14.3	328.5	3.6
19	4	1997	2.3	13.1	12.0	86.7	17.0	13.1	13.3	13.6	13.8	15.3	13.2	12.1	13.3	13.6	15.3	15.3	13.2	13.2	453.1	1
20	4	1997	0.0	5.7	4.2	76.3	13.0	0.5	6.1	10.3	12.4	15.3	7.1	-2.5	6.1	10.3	15.3	15.3	7.1	7.1	188.8	1.9
21	4	1997	0.0	6.5	4.5	69.9	15.6	1.3	5.4	9.2	11.3	15.2	13.2	-1.4	5.4	9.2	15.2	15.2	13.2	13.2	215.8	1.9
22	4	1997	0.3	6.4	4.5	69.7	16.5	2.0	5.3	8.8	10.8	15.0	12.3	-0.3	5.3	8.8	15.0	15.0	12.3	12.3	212.3	2.1
23	4	1997	3.3	11.4	10.2	83.9	12.1	6.3	9.2	10.2	11.2	14.8	13.4	2.3	9.2	10.2	14.8	14.8	13.4	13.4	184.3	0.8
24	4	1997	0.0	5.9	4.8	83.5	14.0	2.3	6.1	9.4	11.1	14.6	5.2	-1.1	6.1	9.4	14.6	14.6	5.2	5.2	217.1	2
25	4	1997	2.9	11.9	8.5	58.8	17.3	1.5	5.7	8.4	10.4	14.5	13.4	-1.7	5.7	8.4	14.5	14.5	13.4	13.4	246.0	1
26	4	1997	0.0	5.5	4.5	84.5	15.6	1.5	5.6	8.9	10.6	14.3	6.3	-2.5	5.6	8.9	14.3	14.3	6.3	6.3	259.7	2.9
27	4	1997	0.0	15.4	11.9	62.1	19.7	5.4	9.4	10.0	10.8	14.2	13.0	5.2	9.4	10.0	14.2	14.2	13.0	13.0	344.4	1.3
28	4	1997	0.0	9.7	7.6	71.9	20.8	4.4	7.2	9.8	11.2	14.1	7.9	0.8	7.2	9.8	14.1	14.1	7.9	7.9	257.6	2.7
29	4	1997	0.0	12.7	10.6	75.3	16.8	9.4	11.1	11.7	12.0	14.0	9.2	8.8	11.1	11.7	14.0	14.0	9.2	9.2	383.7	1.6
30	4	1997	0.0	10.4	8.8	79.5	20.0	5.6	8.4	10.9	12.1	14.0	11.3	1.4	8.4	10.9	14.0	14.0	11.3	11.3	169.7	1.7
Means				12.0	9.8	75.2	18.2	7.0	10.3	12.5	13.6	15.6	11.4	4.6	10.3	12.5	15.6	15.6	11.4	11.4	267.1	2.2
Totals			43.4										343.1						343.1	343.1	8012.3	65.4

Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air		Grass		Soil Temperatures			Solar		Penman ET								
			Daily	mm	9am	°C	9am	°C		Max	Daily	°C	Min	Daily	°C	10cm	9am	°C		20cm	9am	°C	30cm	9am	°C	100cm	9am
1	5	1997	0.1	8.4	7.1	81.4	18.7	4.3	2.6	7.9	10.7	12.0	14.0	14.0	12.1	131.6	12.1	131.6	1.7								
2	5	1997	0.0	8.7	7.8	86.6	19.7	5.4	1.0	8.1	10.6	11.8	14.0	14.0	12.0	187.0	12.0	187.0	1.7								
3	5	1997	0.0	9.1	7.8	81.9	19.6	4.9	1.4	7.8	10.4	11.7	14.0	14.0	11.7	129.8	11.7	129.8	1.7								
4	5	1997	0.0	8.0	6.6	80.7	18.8	3.7	1.4	7.2	10.2	11.6	14.0	14.0	11.7	182.2	11.7	182.2	1.8								
5	5	1997	0.0	11.2	8.9	71.1	21.3	7.6	4.9	8.5	10.4	11.5	13.9	13.9	11.6	191.9	11.6	191.9	1.7								
6	5	1997	0.1	10.8	9.4	81.2	19.0	7.1	3.7	8.9	10.7	11.8	13.9	13.9	11.1	172.7	11.1	172.7	1.5								
7	5	1997	0.0	8.9	7.9	86.4	12.5	4.2	0.1	7.9	10.7	11.9	13.8	13.8	10.8	127.2	10.8	127.2	0.7								
8	5	1997	0.0	8.9	7.9	86.5	19.6	5.0	1.8	8.5	10.9	11.9	13.8	13.8	5.5	170.6	5.5	170.6	2.1								
9	5	1997	0.0	15.1	10.6	52.4	19.2	8.8	3.5	9.0	10.8	11.8	13.8	13.8	10.8	175.5	10.8	175.5	2.3								
10	5	1997	0.0	7.0	5.6	78.6	17.4	5.1	2.8	8.1	10.7	11.8	13.8	13.8	10.8	267.6	10.8	267.6	1.5								
11	5	1997	0.0	6.7	6.0	89.4	18.0	3.6	1.4	7.9	10.5	11.6	13.7	13.7	9.9	203.1	9.9	203.1	1.8								
12	5	1997	1.5	7.8	6.8	86.6	12.0	6.1	3.9	8.5	10.5	11.4	13.6	13.6	10.3	223.2	10.3	223.2	0.4								
13	5	1997	0.0	7.1	6.4	89.8	17.8	3.3	-0.7	6.7	9.7	10.9	13.6	13.6	3.4	141.7	3.4	141.7	2.5								
14	5	1997	0.0	12.6	7.4	40.1	17.1	7.0	3.4	7.6	9.8	10.9	13.5	13.5	10.0	373.3	10.0	373.3	3.4								
15	5	1997	0.0	14.7	9.4	43.1	17.5	12.4	8.6	9.7	10.7	11.2	13.4	13.4	10.1	509.3	10.1	509.3	3.6								
16	5	1997	0.0	13.0	8.0	43.9	19.2	9.4	4.9	8.5	10.3	11.2	13.4	13.4	10.2	486.3	10.2	486.3	1.7								
17	5	1997	0.0	7.6	5.7	72.3	16.9	3.7	-0.4	6.9	9.4	10.7	13.3	13.3	9.7	233.6	9.7	233.6	1.5								
18	5	1997	0.0	6.0	5.2	88.0	17.0	14.0							7.5	211.0	7.5	211.0	1.6								
19	5	1997	0.0	10.1	7.6	68.0	17.5	3.4							7.6	300.0	7.6	300.0	1.4								
20	5	1997	1.1	16.4	13.2	66.9	18.4	14.0	12.6	12.4	12.0	11.7	13.1	13.1	5.9	367.0	5.9	367.0	1.2								
21	5	1997	1.3	11.8	11.4	95.3	11.8	11.8	11.5	13.5	13.1	12.7	13.0	13.0	3.3	394.9	3.3	394.9	0.3								
22	5	1997	0.5	8.8	8.6	96.6	12.2	8.6	8.3	10.3	11.4	12.0	13.1	13.1	2.0	250.8	2.0	250.8	0.4								
23	5	1997	2.0	10.1	9.5	93.0	13.1	8.8	7.7	10.2	11.2	11.8	13.2	13.2	2.7	164.7	2.7	164.7	0.4								
24	5	1997	0.8	11.9	11.6	96.5	13.7	10.1	9.9	11.6	11.9	12.0	13.2	13.2	1.9	203.3	1.9	203.3	0.2								
25	5	1997	18.5	12.2	12.2	100.0	13.9	11.1	9.7	12.0	12.3	12.4	13.2	13.2	1.8	79.4	1.8	79.4	0.4								
26	5	1997	0.0	11.7	11.6	99.0	13.1	10.7	10.0	11.9	12.5	12.7	13.3	13.3	3.3	130.3	3.3	130.3	0.4								
27	5	1997	0.0	10.7	9.7	86.8	15.3	9.6	8.0	11.2	12.4	12.7	13.3	13.3	3.1	137.2	3.1	137.2	1.1								
28	5	1997	0.2	8.9	8.5	95.0	13.98	8.0	4.8	10.5	11.9	12.5	13.4	13.4	6.8	181.9	6.8	181.9	0.7								
29	5	1997	0.0	9.5	8.5	86.2	16.0	8.7	6.4	10.3	11.6	12.2	13.4	13.4	4.6	138.0	4.6	138.0	1.2								
30	5	1997	1.7	7.0	6.0	84.6	17.2	5.1	1.0	7.5	10.2	11.5	13.5	13.5	8.2	194.5	8.2	194.5	0.6								
31	5	1997	0.0	17.2	13.7	64.3	18.1	6.9	6.3	9.6	10.2	10.9	13.4	13.4	2.7	274.5	2.7	274.5	1.6								
Means				10.2	8.6	79.7	16.6	7.5	4.8	9.3	11.0	11.7	13.5	13.5	7.5	223.7	7.5	223.7	1.4								
Totals				27.8											232.9	6934.1	232.9	6934.1	43.1								

Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air		Grass		Soil Temperatures			Solar		Penman ET								
			Daily	mm	9am	°C	9am	°C		Max	Daily	°C	Min	Daily	°C	10cm	9am	°C		20cm	9am	°C	30cm	9am	°C	100cm	9am
1	6	1997	0.0	0.0	4.4	3.5	3.5	83.8	13.0	13.0	1.7	-1.4	5.7	10.5	13.3	6.8	342.0	6.8	0.9								
2	6	1997	0.0	0.0	9.1	6.0	6.0	57.5	11.0	11.0	2.1	0.1	5.4	9.6	13.2	6.2	194.0	6.2	1.8								
3	6	1997	0.0	0.0	9.6	5.9	5.9	51.6	11.9	11.9	7.4	4.6	6.5	9.2	13.0	4.1	498.2	4.1	0.8								
4	6	1997	0.0	0.0	1.3	0.5	0.5	83.4	11.3	11.3	-1.1	-3.3	2.9	8.3	12.8	5.0	216.2	5.0	0.8								
5	6	1997	0.0	0.0	4.0	2.9	2.9	79.6	14.6	14.6	1.2	-1.2	3.2	6.1	12.6	5.9	148.8	5.9	1.1								
6	6	1997	0.0	0.0	3.0	2.4	2.4	89.0	14.6	14.6	1.2	-0.9	4.0	6.6	12.3	8.2	181.2	8.2	1.1								
7	6	1997	0.0	0.0	4.7	3.7	3.7	83.2	14.6	14.6	1.7	-2.2	3.8	7.8	12.1	8.0	180.4	8.0	1.2								
8	6	1997	0.0	0.0	9.0	6.3	6.3	63.6	15.5	15.5	2.3	-1.6	3.6	6.1	12.0	8.1	193.5	8.1	2								
9	6	1997	0.0	0.0	7.9	6.1	6.1	74.0	16.5	16.5	6.9	4.5	5.8	7.2	11.8	8.2	393.4	8.2	1.1								
10	6	1997	2.9	2.9	12.2	11.1	11.1	86.9	14.8	14.8	7.7	6.8	8.7	9.0	11.7	6.0	210.0	6.0	0.6								
11	6	1997	0.0	0.0	8.0	7.9	7.9	98.2	15.5	15.5	6.4	3.8	8.1	9.6	11.7	4.2	106.8	4.2	0.9								
12	6	1997	0.4	0.4	5.3	4.4	4.4	86.2	13.4	13.4	3.6	2.1	6.0	9.6	11.7	6.5	156.4	6.5	0.7								
13	6	1997	0.0	0.0	5.5	4.9	4.9	91.3	13.7	13.7	4.1	1.3	6.9	8.6	11.7	5.5	140.2	5.5	1								
14	6	1997	0.0	0.0	6.2	5.2	5.2	85.2	14.3	14.3	4.9	3.0	7.6	9.3	11.7	7.7	125.2	7.7	1								
15	6	1997	0.0	0.0	5.7	4.8	4.8	85.2	15.4	15.4	0.9	-2.0	4.6	7.8	11.8	7.5	133.6	7.5	1.9								
16	6	1997	0.6	0.6	11.0	8.3	8.3	66.2	17.7	17.7	5.2	2.4	7.1	8.3	11.7	8.0	379.7	8.0	1.4								
17	6	1997	54.9	54.9	12.9	12.6	12.6	96.3	13.6	13.6	10.8	9.3	10.5	10.3	11.7	6.5	278.8	6.5	0.1								
18	6	1997	0.1	0.1	6.1	5.7	5.7	92.8	8.5	8.5	5.2	4.7	7.8	9.2	11.7	1.3	91.5	1.3	0.5								
19	6	1997	0.0	0.0	1.6	1.0	1.0	89.0	11.1	11.1	0.1	-1.4	4.4	7.5	11.7	2.3	215.2	2.3	1.1								
20	6	1997	0.0	0.0	2.9	2.0	2.0	84.1	14.2	14.2	1.3	-1.7	3.0	6.0	11.7	7.9	248.1	7.9	1.5								
21	6	1997	0.0	0.0	10.1	7.0	7.0	59.9	16.9	16.9	2.1	-2.1	3.8	6.1	11.5	8.0	238.3	8.0	1.4								
22	6	1997	0.0	0.0	8.8	6.5	6.5	68.5	17.1	17.1	3.8	-1.1	4.2	6.3	11.3	7.8	248.1	7.8	1.3								
23	6	1997	0.0	0.0	5.0	3.9	3.9	81.8	13.4	13.4	1.9	-0.4	4.1	6.5	11.1	7.8	214.0	7.8	1.3								
24	6	1997	0.6	0.6	5.5	4.2	4.2	79.4	11.5	11.5	4.4	-0.5	5.4	6.8	11.0	6.1	231.2	6.1	0.4								
25	6	1997	0.0	0.0	0.7	-0.1	-0.1	84.3	11.6	11.6	-0.9	-3.9	2.5	5.3	10.9	3.1	179.9	3.1	1								
26	6	1997	3.1	3.1	4.0	2.0	2.0	66.9	15.3	15.3	-1.7	-4.8	2.0	4.5	10.8	8.0	200.4	8.0	0.8								
27	6	1997	0.0	0.0	-0.1	-0.2	-0.2	98.0	10.3	10.3	-2.0	-4.8	2.1	4.7	10.6	5.8	265.5	5.8	1								
28	6	1997	0.0	0.0	1.0	0.2	0.2	83.7	13.6	13.6	-1.0	-3.6	1.7	4.1	10.4	8.0	234.0	8.0	1								
29	6	1997	0.0	0.0	0.5	0.1	0.1	91.7	9.8	9.8	-0.3	-2.6	1.9	4.1	10.2	7.8	196.7	7.8	0.5								
30	6	1997	0.3	0.3	5.4	4.4	4.4	84.1	10.8	10.8	0.5	-1.4	4.7	5.5	10.0	3.6	166.0	3.6	0.4								
Means					5.7	4.4	4.4	80.8	13.5	13.5	2.7	0.1	4.9	7.1	11.6	6.3	220.2	6.3	1.0								
Totals			62.9													189.7	6607.3		30.6								

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	100cm	9am	°C	Daily	km
1	7	1997	7.7	10.1	9.1	86.4	11.0	5.4	5.1	7.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	2.0	287.3	1.0
2	7	1997	0.0	9.4	8.3	84.7	10.8	8.9	6.8	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	2.4	628.4	0.8	
3	7	1997	0.0	3.6	2.5	81.7	12.1	3.3	1.7	5.4	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	3.8	316.7	0.7	
4	7	1997	0.0	2.1	1.6	90.8	11.9	0.6	-0.9	5.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	4.7	143.4	1.0	
5	7	1997	0.0	0.7	0.0	87.4	12.4	-0.9	-2.5	2.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	7.5	203.2	1.1	
6	7	1997	0.0	1.3	0.4	81.0	12.1	-0.3	-2.2	2.2	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	8.1	243.0	1.0	
7	7	1997	0.0	1.7	1.0	86.8	13.6	1.1	-1.5	2.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	8.0	198.4	1.0	
8	7	1997	0.0	4.6	3.8	85.4	14.2	0.8	-1.2	2.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.9	167.7	1.9	
9	7	1997	11.2	9.6	7.4	70.1	15.7	4.5	1.7	4.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	8.3	341.3	1.4	
10	7	1997	2.7	13.0	11.7	85.1	13.5	9.6	8.7	9.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	4.5	440.0	0.7	
11	7	1997	0.0	3.2	2.1	80.8	10.3	0.6	-2.2	3.9	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	3.8	244.3	1.1	
12	7	1997	0.0	1.5	0.1	74.2	13.8	-1.0	-5.1	2.4	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	8.5	189.5	1.4	
13	7	1997	3.3	8.1	5.7	66.0	12.2	1.2	-1.7	2.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	8.6	195.0	0.9	
14	7	1997	0.1	7.4	6.1	80.4	10.5	5.9	4.7	5.7	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	3.6	227.7	1.1	
15	7	1997	0.0	0.5	-0.3	84.6	11.1	-1.4	-2.8	2.3	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	7.6	293.5	1.1	
16	7	1997	0.2	0.6	-0.1	85.7	11.4	-0.7	-2.5	2.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	8.3	197.2	1.1	
17	7	1997	1.0	0.7	-0.1	84.2	11.5	-0.6	-4.0	1.9	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	8.9	195.0	0.7	
18	7	1997	0.0	7.5	5.9	76.8	13.5	0.7	-1.2	4.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	3.5	253.7	1.7	
19	7	1997	0.0	6.5	3.6	55.7	14.1	2.2	-3.4	2.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	8.4	336.7	1.5	
20	7	1997	0.0	1.2	0.1	79.0	12.9	-0.8	-4.2	2.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	9.2	251.8	1.1	
21	7	1997	0.0	2.2	1.4	85.3	12.1	-0.2	-2.5	2.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	9.0	199.2	1.1	
22	7	1997	0.0	1.3	0.8	90.1	13.7	0.0	-2.0	2.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	8.9	192.8	1.2	
23	7	1997	0.0	4.6	3.3	77.4	16.5	1.0	-1.9	2.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.1	191.1	2.5	
24	7	1997	0.0	7.2	4.7	63.5	13.8	4.7	1.4	4.3	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	9.4	380.9	1.3	
25	7	1997	0.0	2.7	2.1	89.8	14.6	0.9	-1.9	3.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	9.4	239.0	1.4	
26	7	1997	0.0	2.9	1.5	75.9	14.8	0.9	-3.6	2.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	9.6	228.3	1.3	
27	7	1997	0.0	1.5	0.8	84.8	14.0	-0.8	-3.9	2.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.4	197.1	1.4	
28	7	1997	0.0	2.3	1.6	86.9	13.4	0.3	-2.1	2.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	10.0	227.4	1.1	
29	7	1997	0.0	4.8	3.8	83.3	15.6	0.8	-2.1	2.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	8.0	175.9	1.6	
30	7	1997	4.4	6.7	5.8	85.5	11.7	3.3	-0.7	4.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	9.8	259.2	0.4	
31	7	1997	0.0	6.6	4.7	71.3	15.2	2.7	0.1	4.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	3.3	177.1	2.2	
Means				4.4	3.2	80.7	13.0	1.7	-0.8	3.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	7.2	252.3	1.2	
Totals				30.6																							223.5	7821.8	37.8

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	8	1997		0	7.7	6.0	75.6	13.2	5.5	2.1	5.3	6.4	6.9	8.8	8.8	10.3	8.8	8.8	6.9	8.8	10.3	358.4	1.4						
2	8	1997		0	0.8	0.7	97.4	8.5	0.1	-2.6	3.8	6.1	6.9	8.8	8.8	9.6	8.8	8.8	6.9	8.8	9.6	208.3	0.6						
3	8	1997		0	1.0	0.0	79.2	12.7	-2.4	-4.5	2.0	4.6	5.9	8.9	8.9	5.2	203.5	1.3	5.9	8.9	5.2	203.5	1.3						
4	8	1997		0	2.5	0.8	69.2	10.9	-2.1	-5.1	2.0	4.3	5.6	8.8	8.8	10.1	137.6	0.9	5.6	8.8	10.1	137.6	0.9						
5	8	1997		0	2.0	1.2	84	11.8	-1.8	-4.6	2.4	4.4	5.4	8.7	8.7	5.2	205.7	1.4	5.4	8.7	5.2	205.7	1.4						
6	8	1997		0	0.7	-0.5	78.7	10.3	-2.3	-3.9	1.8	4.1	5.4	8.7	8.7	11.0	254.3	1.4	5.4	8.7	11.0	254.3	1.4						
7	8	1997		0	3.6	2.0	72.4	11.7	0.2	-2.4	2.7	4.2	5.1	8.6	8.6	10.5	258.9	1.2	5.1	8.6	10.5	258.9	1.2						
8	8	1997		0	4.3	3.1	79.7	13.2	2.4	1.0	4.6	5.8	6.2	8.5	8.5	7.9	217.7	1.4	6.2	8.5	7.9	217.7	1.4						
9	8	1997		0	2.6	1.5	78.9	16.0	-0.5	-2.2	2.8	5.2	6.2	8.5	8.5	11.4	241.6	1.8	6.2	8.5	11.4	241.6	1.8						
10	8	1997		5.4	12.5	10.5	76.1	16.3	2.3	1.5	7.1	6.8	6.8	8.5	8.5	10.3	242.8	1.3	6.8	8.5	10.3	242.8	1.3						
11	8	1997		0	11.5	10.6	88.5	14.9	10.2	8.6	9.4	8.9	8.3	8.6	8.6	6.1	325.4	0.9	8.9	8.6	6.1	325.4	0.9						
12	8	1997		1.6	12.3	8.4	53.7	14.2	3.5	-1.3	6.1	7.8	8.3	8.8	8.8	5.8	226.6	2.0	6.1	8.8	5.8	226.6	2.0						
13	8	1997		2.8	12.8	12.0	89.9	16.7	11.6	10.0	9.5	8.9	8.6	8.9	8.9	4.9	529.0	1.9	9.5	8.6	4.9	529.0	1.9						
14	8	1997		0	7.9	7.0	87.3	13.1	7.3	3.6	7.2	8.4	8.7	9.1	9.1	6.8	396.1	1.8	7.2	8.4	6.8	396.1	1.8						
15	8	1997		0	9.4	5.8	52.2	14.0	3.5	-2.6	4.6	6.6	7.7	9.2	9.2	6.5	349.8	2.7	4.6	6.6	6.5	349.8	2.7						
16	8	1997		0	13.5	8.8	47.1	19.3	9.1	7.4	7.1	7.5	7.7	9.3	9.3	5.9	561.6	3.8	7.1	7.5	5.9	561.6	3.8						
17	8	1997		0	14.1	9.0	43.9	18.0	11.5	5.9	8.4	8.7	8.7	9.3	9.3	12.2	458.1	3.3	8.4	8.7	12.2	458.1	3.3						
18	8	1997		3.9	14.9	10.4	51.8	17.7	11.2	9.2	9.2	9.2	9.1	9.3	9.3	9.6	533.5	1.9	9.2	9.2	9.6	533.5	1.9						
19	8	1997		8.3	10.0	9.9	98	13.8	9.5	7.0	9.8	9.9	9.7	9.4	9.4	9.8	346.0	0.6	9.8	9.9	9.8	346.0	0.6						
20	8	1997		0.1	8.4	7.7	89.8	12.2	6.3	4.6	8.7	9.6	9.7	9.6	9.6	5.0	141.4	1.4	4.6	8.7	5.0	141.4	1.4						
21	8	1997		0	2.4	0.2	59.5	10.1	-1.6	-4.2	4.9	7.7	8.9	9.7	9.7	10.5	250.5	1.6	4.9	7.7	10.5	250.5	1.6						
22	8	1997		0	1.6	0.9	86.6	10.5	-2.3	-4.4	3.5	6.3	7.8	9.8	9.8	13.2	242.3	1.8	3.5	6.3	13.2	242.3	1.8						
23	8	1997		0	4.3	2.7	72.6	13.6	0.1	-2.4	4.1	6.2	7.3	9.8	9.8	13.6	248.6	1.9	4.1	6.2	13.6	248.6	1.9						
24	8	1997		0	6.6	4.7	72.2	15.7	3.9	2.1	6.9	7.8	8.1	9.7	9.7	12.8	188.1	1.7	6.9	7.8	12.8	188.1	1.7						
25	8	1997		0.8	10.3	9.2	85.8	16.0	6.6	5.7	8.9	9.1	9.0	9.6	9.6	12.5	204.7	1.9	8.9	9.1	12.5	204.7	1.9						
26	8	1997		12.7	12.1	11.0	85.9	14.1	9.5	6.3	10.0	10.0	9.8	9.7	9.7	11.1	244.0	1.0	10.0	10.0	11.1	244.0	1.0						
27	8	1997		0	12.4	9.6	66.6	15.0	7.0	4.5	9.0	9.8	9.9	9.9	9.9	5.4	304.6	2.8	9.8	9.9	5.4	304.6	2.8						
28	8	1997		0	10.6	7.4	59.4	14.1	6.9	4.0	7.9	9.3	9.8	10.0	10.0	12.1	481.8	2.1	7.9	9.3	12.1	481.8	2.1						
29	8	1997		0	4.9	3.6	78.6	17.3	0.3	-2.3	5.5	8.1	9.2	10.1	10.1	14.8	238.4	2.3	5.5	8.1	14.8	238.4	2.3						
30	8	1997		0	9.2	7.0	69.8	15.7	3.3	-0.1	6.7	8.5	9.2	10.1	10.1	14.4	231.6	2.0	6.7	8.5	14.4	231.6	2.0						
31	8	1997		0	7.3	6.5	87.2	14.2	2.3	-0.8	6.8	8.7	9.4	10.2	10.2	14.7	209.9	1.9	6.8	8.7	14.7	209.9	1.9						
Means					7.6	5.7	74.8	14.0	3.9	1.3	6.1	7.4	7.9	9.3	9.3	9.6	291.6	1.7			9.6	291.6	1.7						
Totals				35.6												299.1	9040.8	54.0			299.1	9040.8	54.0						

Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air Max		Air Min		Grass Min		Soil Temperatures			100cm		Solar Energy		Windrun		Penman ET	
			Daily	mm	9am	°C	9am	°C		Daily	°C	Daily	°C	Daily	°C	9am	°C	9am	°C	9am	°C	Daily	mj/m2	Daily	km	Daily
1	9	1997		0.1	8.7	7.5	82.6	16.0	2.4	-0.2	6.9	8.7	9.4	10.2	14.8	192.1	14.8	10.2	10.2	14.8	192.1	14.8	199.1	1.7	2.1	
2	9	1997		4.2	8.7	7.7	85.8	15.3	5.3	3.7	8.8	9.8	10.0	10.2	14.8	199.1	14.8	10.2	10.2	14.8	199.1	14.8	199.1	1.7	2.1	
3	9	1997		0.1	9.9	7.8	71.4	11.3	8.3	7.0	9.9	10.4	10.4	10.3	10.7	201.2	10.7	10.3	10.7	10.7	201.2	10.7	201.2	1.8	2.1	
4	9	1997		0	7.5	5.9	76.5	12.5	5.2	4.7	8.6	9.8	10.2	10.4	12.0	278.5	12.0	10.4	10.4	12.0	278.5	12.0	278.5	1.7	2.1	
5	9	1997		0	7.8	5.4	64.9	8.3	5.8	1.7	8.5	9.7	10.1	10.5	11.7	202.1	11.7	10.5	10.5	11.7	202.1	11.7	202.1	1.2	2.1	
6	9	1997		0	1.4	0.1	74	9.1	-2.2	-5.6	3.7	6.8	8.4	10.5	7.6	400.3	7.6	10.5	10.5	7.6	400.3	7.6	400.3	1.6	2.1	
7	9	1997		0	6.3	4.2	68.2	11.0	1.2	-0.9	6.2	7.5	8.3	10.5	11.4	207.4	11.4	10.5	10.5	11.4	207.4	11.4	207.4	2.1	2.1	
8	9	1997		0	7.9	6.2	76.1	14.3	3.0	-0.7	6.7	8.1	8.8	10.4	14.9	223.2	14.9	10.4	10.4	14.9	223.2	14.9	223.2	2.1	2.1	
9	9	1997		0	9.1	7.5	77.6	15.1	3.9	-0.4	7.0	8.4	9.1	10.4	14.9	206.2	14.9	10.4	10.4	14.9	206.2	14.9	206.2	2.2	2.1	
10	9	1997		0.3	12.8	10.9	76.9	17.4	8.2	4.0	9.7	9.9	10.0	10.3	15.1	169.3	15.1	10.3	10.3	15.1	169.3	15.1	169.3	2.0	2.1	
11	9	1997		18	10.1	10.0	97.7	15.2	7.1	3.7	10.4	10.8	10.8	10.4	14.0	138.0	14.0	10.4	10.4	14.0	138.0	14.0	138.0	1.2	2.1	
12	9	1997		3.9	6.8	6.6	96.6	9.3	6.9	6.4	9.9	11.0	11.1	10.6	8.4	185.7	8.4	10.6	10.6	8.4	185.7	8.4	185.7	0.6	2.1	
13	9	1997		0	4.4	4.4	99.7	12.0	0.7	-2.1	5.7	8.6	9.8	10.7	5.2	194.3	5.2	10.7	10.7	5.2	194.3	5.2	194.3	2.1	2.1	
14	9	1997		0	7.3	5.9	79.9	15.6	1.1	-1.5	5.7	8.0	9.2	10.7	16.7	259.2	16.7	10.7	10.7	16.7	259.2	16.7	259.2	2.3	2.1	
15	9	1997		0.1	9.9	8.3	78.3	13.8	3.8	-0.8	7.8	9.5	10.0	10.7	17.0	198.0	17.0	10.7	10.7	17.0	198.0	17.0	198.0	1.9	2.1	
16	9	1997		0.4	9.8	7.9	75.3	16.1	2.9	-1.5	8.0	9.5	10.1	10.7	13.2	263.1	13.2	10.7	10.7	13.2	263.1	13.2	263.1	3.4	2.1	
17	9	1997		15.8	9.2	8.8	94.5	12.7	8.1	6.8	9.2	10.0	10.3	10.8	16.8	438.6	16.8	10.8	10.8	16.8	438.6	16.8	438.6	0.6	2.1	
18	9	1997		0	11.1	9.1	73.9	14.0	8.7	7.1	10.2	10.6	10.6	10.8	4.7	156.8	4.7	10.8	10.8	4.7	156.8	4.7	156.8	1.8	2.1	
19	9	1997		0.1	9.1	7.7	80.9	14.4	2.3	-0.5	7.3	9.4	10.4	10.9	13.1	292.8	13.1	10.9	10.9	13.1	292.8	13.1	292.8	1.7	2.1	
20	9	1997		0	10.5	9.6	88.5	13.3	4.6	1.9	9.2	10.0	10.5	10.9	13.2	36.4	13.2	10.9	10.9	13.2	36.4	13.2	36.4	2.2	2.1	
21	9	1997		0	11.1	9.6	81.3	18.4	6.4	3.1	10.0	11.0	11.2	11.0	16.2	159.4	16.2	11.0	11.0	16.2	159.4	16.2	159.4	3.3	2.1	
22	9	1997		0.9	12.5	8.8	56.9	15.6	8.2	3.1	10.3	11.2	11.5	11.1	18.4	244.7	18.4	11.1	11.1	18.4	244.7	18.4	244.7	1.9	2.1	
23	9	1997		1.9	9.8	9.1	89.7	13.2	8.6	7.3	11.2	11.7	11.7	11.2	13.0	195.0	13.0	11.2	11.2	13.0	195.0	13.0	195.0	1.6	2.1	
24	9	1997		0	9.0	5.2	49.2	10.7	5.4	2.7	7.9	10.2	11.1	11.3	8.0	332.2	8.0	11.3	11.3	8.0	332.2	8.0	332.2	2.4	2.1	
25	9	1997		0	7.5	5.4	70	12.3	0.3	-1.7	6.4	8.8	10.1	11.4	14.9	364.9	14.9	11.4	11.4	14.9	364.9	14.9	364.9	2.6	2.1	
26	9	1997		0	7.9	6.3	77.7	13.6	0.1	-2.0	6.3	8.7	10.0	11.4	20.2	259.4	20.2	11.4	11.4	20.2	259.4	20.2	259.4	2.6	2.1	
27	9	1997		0	10.0	9.2	88.2	16.5	5.4	1.2	9.4	10.1	10.6	11.3	19.3	212.0	19.3	11.3	11.3	19.3	212.0	19.3	212.0	1.9	2.1	
28	9	1997		0	15.8	13.6	76.8	19.2	9.9	9.7	12.4	11.8	11.6	11.3	12.3	203.0	12.3	11.3	11.3	12.3	203.0	12.3	203.0	3.3	2.1	
29	9	1997		4.2	15.0	12.6	73.1	14.9	10.2	7.1	11.9	12.3	12.4	11.4	17.3	368.8	17.3	11.4	11.4	17.3	368.8	17.3	368.8	1.7	2.1	
30	9	1997		0.1	10.3	8.8	80.7	10.8	8.3	7.4	10.8	11.8	12.2	11.6	11.0	395.0	11.0	11.6	11.6	11.0	395.0	11.0	395.0	0.9	2.1	
Means					9.2	7.7	78.8	13.7	5.0	2.4	8.5	9.8	10.3	10.8	13.4	239.2	13.4	10.8	10.8	13.4	239.2	13.4	239.2	1.9	2.1	
Totals				50.1											400.5	7176.7	400.5			400.5	7176.7	400.5	7176.7	56.4	2.1	

Date	Month	Year	Rain		Air Dry		Air Wet		RH	Air		Grass		Soil Temperatures			Solar		Penman ET								
			Daily	mm	9am	°C	9am	°C		Max	Daily	°C	Min	Daily	°C	10cm	9am	°C		20cm	9am	°C	30cm	9am	°C	100cm	9am
1	10	1997			0	10.6	9.6	86.6	16.9	7.3	6.1	10.7	11.1	11.5	11.7	6.4	181.2	3.3									
2	10	1997			0	15.7	11.5	56.1	21.1	7.7	3.7	10.1	11.0	11.6	11.7	7.9	311.4	3.6									
3	10	1997			0.3	17.6	17.1	94.5	20.4	12.1	7.9	12.4	12.6	12.7	11.8	21.5	412.1	4.7									
4	10	1997			12.3	17.5	15.3	77	18.5	14.6	11.4	14.7	14.0	13.6	11.9	21.4	553.3	1.0									
5	10	1997			0	8.6	5.7	60	12.2	6.5	5.5	10.0	11.9	12.6	12.0	5.2	221.8	1.5									
6	10	1997			0.5	6.5	5.2	80.1	17.4	1.5	-1.7	6.6	9.7	11.2	12.1	12.7		2.2									
7	10	1997			1	6.7	4.8	71.6	16.5	1.7	-2.5	7.3	10.1	11.2	12.1	16.8		3.0									
8	10	1997			0	9.4	7.7	76.6	20.9	2.8	-1.6	7.4	10.0	11.2	12.0	22.4		3.6									
9	10	1997			0	10.7	7.9	64.4	17.6	6.2	2.5	10.1	11.8	12.2	12.0	23.5		2.4									
10	10	1997			0	14.5	12.4	77	21.6	10.4	7.6	12.1	12.6	12.7	12.1	15.8		2.3									
11	10	1997			0	11.8	10.2	80.6	21.2	6.2	3.0	11.1	12.8	13.2	12.2	16.9		3.6									
12	10	1997			0	19.6	13.2	42.7	23.7	11.4	6.2	13.7	14.4	14.3	12.3	23.1		3.9									
13	10	1997			0	17.7	14.0	63.1	22.9	14.3	11.0	14.6	15.1	14.9	12.5	24.0		3.6									
14	10	1997			4.5	12.3	9.7	68	13.1	11.0	7.5	13.9	15.3	15.3	12.7	22.2		0.7									
15	10	1997			0	9.7	8.4	82.7	15.1	4.0	-1.0	9.9	12.4	13.4	12.9	5.2		3.4									
16	10	1997			0.6	13.6	10.7	66.6	19.6	9.4	5.7	11.9	13.2	13.6	12.9	24.3		2.8									
17	10	1997			0.6	11.9	9.7	73	22.2	4.7	-0.3	10.5	12.8	13.7	13.0	20.6		4.6									
18	10	1997			0.1	12.9	11.4	82.3	17.3	10.3	6.9	13.9	14.6	14.6	13.0	23.2	402.2	2.4									
19	10	1997			0	8.6	6.9	76.2	15.1	3.9	1.0	10.8	13.2	14.1	13.1	16.9	257.5	2.5									
20	10	1997			0	11.1	8.9	71.7	19.2	5.5	4.2	11.2	13.0	13.6	13.2	15.9	276.3	4.4									
21	10	1997			6.6	10.0	8.5	80.5	12.6	6.9	2.0	12.4	13.8	14.2	13.2	23.6	321.3	1.8									
22	10	1997			0	9.4	6.8	65.6	18.8	3.5	1.3	9.1	11.8	13.1	13.2	12.7	253.5	4.5									
23	10	1997			0	12.3	10.6	79.8	21.8	7.2	3.7	11.6	13.2	13.8	13.2	25.5	307.6	4.7									
24	10	1997			0	16.2	11.0	46.9	24.9	9.1	6.4	12.9	14.2	14.5	13.2	23.1	349.0	7.0									
25	10	1997			0	16.5	10.7	42.1	20.8	12.3	9.1	14.6	15.5	15.6	13.3	27.4	479.4	5.4									
26	10	1997			0	14.7	12.1	70.8	16.0	11.4	5.4	15.3	16.5	16.5	13.5	25.8	375.6	2.2									
27	10	1997			0	13.1	11.0	75.1	19.9	9.7	8.6	14.6	15.3	15.5	13.7	13.1	290.7	4.1									
28	10	1997			0	14.4	11.4	66.1	18.8	6.0	2.3	14.1	15.9	16.4	13.8	26.1	240.5	4.1									
29	10	1997			0	14.5	12.8	80.3	22.7	12.2	10.8	16.8	17.2	17.0	14.0	25.4	259.6	4.1									
30	10	1997			0	16.0	14.0	79.3	21.6	8.1	4.1	16.0	17.3	17.5	14.1	25.0	259.4	4.3									
31	10	1997			0	14.1	12.7	83.6	23.0	12.3	11.9	17.4	18.3	18.1	14.3	25.5	337.7	4.6									
Means						12.8	10.4	71.6	19.1	8.1	4.8	12.2	13.6	14.0	12.8	19.3	320.5	3.4									
Totals						26.5										598.9		106.3									

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	Daily	°C	Daily	°C	Daily	°C	Daily	°C	Daily	°C	9am	°C	9am	°C	Daily	mj/m2	Daily
1	11	1997	0	17.8	14.9	70.8	20.3	12.5	10.3	18.5	19.0	18.8	14.6	26.4	254.9	4.1									
2	11	1997	0	18.5	15.5	70.4	28.9	8.3	5.6	16.9	18.3	18.6	14.8	26.5	290.6	7.1									
3	11	1997	0	21.5	15.8	51.1	25.4	16.6	15.1	19.7	19.8	19.4	15.0	27.6	522.4	5.3									
4	11	1997	0	14.5	9.2	43.5	23.8	6.9	3.4	15.7	18.1	18.8	15.2	26.9	462.0	6.0									
5	11	1997	0	10.1	8.6	80.7	13.8	8.9	5.0	15.5	17.7	18.3	15.4	25.1	501.5	2.4									
6	11	1997	0	13.9	10.6	62.3	19.4	5.2	1.6	14.5	16.0	16.8	15.5	15.4	232.2	4.6									
7	11	1997	0.6	14.8	9.6	44.1	22.8	6.2	3.2	14.7	16.7	17.4	15.4	28.3	277.0	7.1									
8	11	1997	0.1	16.9	13.0	60.4	18.4	12.1	9.3	16.4	17.7	17.9	15.4	29.6	575.1	5.0									
9	11	1997	2.6	11.5	5.8	32.8	16.5	4.9	1.6	12.7	15.3	16.6	15.4	23.2	535.5	5.2									
10	11	1997	0	11.6	5.7	30.0	17.7	4.6	2.4	12.7	14.9	16.1	15.4	30.0	478.8	4.9									
11	11	1997	0	12.6	8.7	54.7	23.4	2.7	-0.3	12.4	14.8	16.0	15.4	30.3	342.7	6.9									
12	11	1997	0	17.2	14.1	68.9	24.9	12.2	11.9	16.3	17.1	17.1	15.3	27.3	593.0	6.4									
13	11	1997	0	18.3	11.5	37.3	24.4	13.9	12.1	17.6	18.2	18.0	15.3	23.7	691.8	6.5									
14	11	1997	0	18.8	10.6	26.2	25.7	8.1	3.2	16.6	17.9	18.3	15.4	30.8	411.1	7.1									
15	11	1997	1.1	17.8	13.4	56.9	20.2	14.0	12.0	18.1	18.8	18.8	15.5	28.1	534.3	3.8									
16	11	1997	0	13.3	11.0	73.1	14.1	11.5	10.8	16.4	17.5	17.9	15.7	19.5	468.9	2.8									
17	11	1997	0.5	11.7	9.2	69.1	21.4	4.3	1.8	13.3	15.6	16.8	15.7	18.6	353.4	4.6									
18	11	1997	2.2	13.8	8.3	40.5	19.9	10.0	7.6	14.1	16.1	17.0	15.7	24.9	379.7	7.3									
19	11	1997	0	15.6	9.7	39.8	20.9	8.7	6.8	14.2	16.5	17.3	15.7	31.6	603.3	5.9									
20	11	1997	0	15.8	12.2	62.1	23.7	13.7	11.9	15.9	17.0	17.2	15.6	23.1	522.0	6.6									
21	11	1997	0	16.3	9.8	35.8	18.3	11.7	9.4	15.6	16.6	17.1	15.6	21.7	696.7	4.3									
22	11	1997	0	11.9	8.1	54.1	16.2	2.9	-1.1	13.5	15.9	17.0	15.7	29.3	354.4	4.8									
23	11	1997	0	14.7	10.9	58.5	21.4	5.7	3.6	15.3	17.0	17.6	15.7	30.9	305.4	5.0									
24	11	1997	1.2	19.8	16.0	64.2	30.7	10.3	4.8	25.0	18.4	18.6	15.7	30.1	238.8	8.1									
25	11	1997	0	16.6	14.8	80.5	18.6	13.6	12.7	21.6	20.4	20.0	15.8	30.3	503.1	4.1									
26	11	1997	0	18.8	12.8	44.5	22.7	9.0	4.1	18.9	18.9	19.4	16.0	26.2	281.9	5.2									
27	11	1997	0	20.4	13.6	40.6	28.9	11.0	7.8	20.1	19.8	19.9	16.2	29.7	318.5	5.9									
28	11	1997	0	22.0	17.5	61.0	25.7	16.8	15.3	21.4	19.6	19.6	16.3	20.2	610.5	6.6									
29	11	1997	0	15.3	13.5	79.8	17.6	14.2	14.4	21.3	20.9	20.5	16.4	27.5	646.3	5.5									
30	11	1997	1.5	13.9	9.4	49.9	20.7	9.5	5.5	18.4	19.8	20.3	16.6	30.8	336.7	4.9									
Means				15.9	11.5	54.8	21.5	9.7	7.1	16.8	17.7	18.1	15.6	26.4	444.1	5.5									
Totals			9.8											793.2	13322.5	164.0									

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	°C
1	12	1997	0.0	16.7	10.1	35.5	20.9	12.4	11.0	16.6	16.6	16.7	18.2	19.0	16.7	18.2	17.3	17.2	17.3	17.2	19.0	16.7	18.2	27.2	591.6	4.9
2	12	1997	0.0	14.4	8.9	41.7	22.8	9.2	6.6	17.4	17.4	18.6	18.6	19.1	16.7	18.6	17.3	17.0	17.0	16.7	19.1	16.7	18.2	296.2	6.7	
3	12	1997	0.0	22.7	18.0	60	24.9	14.2	15.6	20.9	20.9	19.3	19.3	19.2	16.7	19.3	20.1	20.1	17.1	16.7	19.2	16.7	26.6	688.9	5.6	
4	12	1997	0.0	16.8	11.2	44.9	19.1	10.9	8.5	17.9	17.9	18.4	18.4	19.0	16.7	18.4	17.1	17.1	17.1	16.7	19.0	16.7	22.0	461.0	4.4	
5	12	1997	0.0	14.7	8.7	37.1	22.5	6.7	3.2	16.4	16.4	18.4	18.4	19.2	16.7	18.4	17.4	17.4	17.4	16.7	19.2	16.7	26.2	334.0	6.4	
6	12	1997	0.1	16.6	10.1	36.2	22.7	10.7	8.5	17.8	17.8	18.7	18.7	19.3	16.8	18.7	17.2	17.2	17.2	16.8	19.3	16.8	29.1	436.0	5.5	
7	12	1997	0.0	13.1	9.0	53.8	16.2	3.9	2.1	16.2	16.2	18.2	18.2	19.2	16.8	18.2	17.2	17.2	16.8	19.2	16.8	30.7	342.0	4.9		
8	12	1997	0.0	13.5	10.1	60.9	21.5	8.0	3.1	17.9	17.9	18.7	18.7	19.2	16.8	18.7	17.2	17.2	16.8	19.2	16.8	31.7	295.5	5.3		
9	12	1997	0.0	14.8	11.9	68.5	20.7	7.8	4.8	18.3	18.3	19.3	19.3	19.8	16.9	19.3	17.3	17.3	16.9	19.8	16.9	30.8	303.2	5.7		
10	12	1997	0.0	17.9	12.4	47.3	25.6	11.0	8.5	19.3	19.3	20.1	20.1	20.4	17.0	20.1	17.0	17.0	17.0	20.4	17.0	30.8	339.8	4.6		
11	12	1997	0.0	12.6	9.1	58.7	16.3	7.0	1.5	17.9	17.9	19.5	19.5	20.1	17.1	19.5	17.1	17.1	17.1	17.1	20.1	17.1	23.4	340.8	4.2	
12	12	1997	0.0	15.8	11.3	53.2	27.9	5.8	1.6	16.5	16.5	18.3	18.3	19.4	17.1	18.3	17.1	17.1	17.1	19.4	17.1	25.9	277.1	7.2		
13	12	1997	0.0	15.6	9.4	36.9	22.8	14.7	13.2	18.6	18.6	20.2	20.2	20.4	17.2	20.2	17.2	17.2	17.2	20.4	17.2	26.5	478.1	3.0		
14	12	1997	0.0	20.6	15.5	54.6	24.4	10.2	6.2	17.4	17.4	18.2	18.2	18.9	17.2	18.2	17.2	17.2	17.2	18.9	17.2	13.5	274.8	6.3		
15	12	1997	4.0	19.8	16.7	70.8	23.4	16.2	14.5	20.1	20.1	20.2	20.2	20.0	17.2	20.2	17.2	17.2	17.2	20.0	17.2	28.2	524.0	3.1		
16	12	1997	0.0	21.0	18.9	80.3	24.7	18.4	17.7	20.9	20.9	20.5	20.5	20.2	17.2	20.5	17.2	17.2	17.2	20.2	17.2	14.1	431.0	5.4		
17	12	1997	0.0	18.2	12.8	48.4	25.4	10.0	5.0	17.2	17.2	18.8	18.8	19.6	17.3	18.8	17.3	17.3	17.3	19.6	17.3	24.4	426.3	7.8		
18	12	1997	0.0	20.9	14.3	43	26.2	16.1	14.5	20.0	20.0	20.6	20.6	20.5	17.3	20.6	17.3	17.3	17.3	20.5	17.3	31.6	512.3	7.8		
19	12	1997	1.1	21.6	15.1	45.3	25.4	18.0	15.6	20.8	20.8	21.1	21.1	21.0	17.4	21.1	17.4	17.4	17.4	21.0	17.4	29.0	614.4	5.0		
20	12	1997	3.8	16.2	15.5	92.2	24.7	16.3	13.8	20.7	20.7	21.6	21.6	21.4	17.5	21.6	17.5	17.5	17.5	21.4	17.5	23.3	331.0	2.6		
21	12	1997	0.0	14.7	13.4	85.4	16.4	13.5	13.0	18.0	18.0	19.5	19.5	20.1	17.6	19.5	17.6	17.6	17.6	20.1	17.6	14.3	306.3	1.9		
22	12	1997	0.0	15.9	13.7	77	24.6	12.3	12.2	16.8	16.8	17.8	17.8	18.6	17.6	17.8	17.6	17.6	17.6	18.6	17.6	11.8	214.3	6.7		
23	12	1997	0.0	22.6	18.8	67.7	25.7	15.7	13.0	21.2	21.2	21.1	21.1	20.8	17.5	21.1	17.5	17.5	17.5	20.8	17.5	32.5	359.0	5.5		
24	12	1997	1.9	22.1	14.7	39.4	26.6	16.2	13.6	19.9	19.9	21.1	21.1	21.1	17.6	21.1	17.6	17.6	17.6	21.1	17.6	21.8	544.4	5.0		
25	12	1997	0.0	20.5	16.5	64	26.4	18.6	17.0	20.8	20.8	21.4	21.4	21.2	17.7	21.4	17.7	17.7	17.7	21.2	17.7	20.8	453.1	6.2		
26	12	1997	0.0	15.0	11.6	62.8	22.0	9.1	5.8	18.6	18.6	20.7	20.7	21.3	17.8	20.7	17.8	17.8	17.8	21.3	17.8	31.4	386.2	5.8		
27	12	1997	0.0	17.6	11.5	41.6	24.1	7.5	2.3	17.9	17.9	20.3	20.3	21.1	17.9	20.3	17.9	17.9	21.1	17.9	33.0	317.6	7.6			
28	12	1997	9.2	17.7	15.2	75.3	22.0	14.7	13.2	19.9	19.9	21.1	21.1	21.3	18.0	21.1	18.0	18.0	21.3	18.0	32.3	603.8	2.3			
29	12	1997	2.2	11.5	11.5	98.8	15.3	11.2	10.6	16.0	16.0	18.7	18.7	19.7	18.0	18.7	18.0	18.0	19.7	18.0	12.1	331.7	2.2			
30	12	1997	0.0	13.8	11.6	75.1	20.6	9.2	5.5	15.0	15.0	16.5	16.5	17.8	18.0	16.5	17.8	18.0	17.8	18.0	14.6	217.9	4.6			
31	12	1997	0.0	15.8	13.7	76.9	19.6	10.6	8.1	16.3	16.3	18.2	18.2	18.9	17.8	18.2	17.8	17.8	18.9	17.8	27.3	262.9	5.3			
Means				17.1	12.9	59.1	22.6	11.8	9.4	18.4	18.4	19.5	19.5	19.9	17.3	19.5	17.3	17.3	17.3	19.9	17.3	24.7	396.6	5.1		
Totals			22.3																			764.8			159.5	