

Marlborough Research Centre Blenheim																					
Daily weather data is summarised at 9am																					
Date	Month	Year	Rain		Air		RH		Air		Grass		Soil Temperatures			Solar		Windrun		Pennan	
			Daily	mm	Dry	Wet	Daily	%	Max	Min	Daily	Min	10cm	20cm	30cm	100cm	Daily	Energy	Daily	km	ET
			9am	9am	9am	9am	Daily	Daily	Daily	Daily	Daily	Daily	9am	9am	9am	9am	mj/m2	mj/m2	km	km	mm
1	1	1999	0	20.6	15.8	84.7	22.0	15.1	9.6	21.7	22.9	18.3	22.9	22.9	18.3	28.6	273.5	4.7			
2	1	1999	0	17.4	15.6	82.2	21.8	13.3	10.3	21.1	23.0	18.5	23.0	23.0	18.5	31.5	227.5	5.2			
3	1	1999	0	18.9	16.1	76.5	24.0	12.1	8.7	20.6	22.4	18.6	22.8	22.8	18.6	31.7	231.3	5.5			
4	1	1999	0	19.2	16.6	81.8	25.1	11.8	8.5	21.0	22.7	18.8	23.1	23.1	18.8	31.6	240.8	5.4			
5	1	1999	0	20.4	17.9	84.4	24.8	13.4	10.9	21.8	23.3	18.9	23.5	23.5	18.9	30.0	250.8	5.1			
6	1	1999	0	18.0	17.1	84.6	25.8	14.2	11.4	21.9	23.6	19.1	23.8	23.8	19.1	29.9	224.6	5.0			
7	1	1999	1.3	26.5	16.7	40.4	32.6	12.8	8.6	21.2	22.9	19.2	23.4	23.4	19.2	24.2	414.1	7.1			
8	1	1999	3	16.3	16.4	95.7	17.5	16.2	15.9	22.2	23.9	19.4	23.7	23.7	19.4	8.4	249.0	1.2			
9	1	1999	0	15.2	13.4	82.2	18.8	12.8	12.0	17.7	19.9	19.4	21.0	21.0	19.4	11.7	291.8	2.1			
10	1	1999	0	14.8	13.2	79.3	20.4	12.2	9.5	16.4	18.3	19.3	19.4	19.4	19.3	27.2	231.6	4.4			
11	1	1999	0	20.8	16.8	60.9	27.2	10.9	9.1	17.6	19.3	19.1	20.1	20.1	19.1	31.8	404.7	7.0			
12	1	1999	0	22.7	16.8	60.3	26.1	17.2	14.0	21.1	21.8	18.9	21.8	21.8	18.9	25.6	382.2	5.8			
13	1	1999	1.4	22.3	17.7	81.3	26.3	17.3	13.4	21.8	22.4	19.0	22.3	22.3	19.0	24.0	222.1	4.3			
14	1	1999	11.9	19.8	18.7	92	23.4	18.1	17.6	21.9	23.3	19.1	23.2	23.2	19.1	14.4	288.2	2.5			
15	1	1999	0.1	18.5	18.5	91.7	19.6	17.8	18.0	20.6	21.9	19.2	22.1	22.1	19.2	8.8	211.0	1.4			
16	1	1999	0	16.8	15.5	88.7	21.4	14.5	14.5	18.2	19.4	20.2	20.2	20.2	19.2	29.5	261.3	4.8			
17	1	1999	0	19.3	18.0	90.2	22.3	16.3	15.2	20.0	20.9	19.2	21.1	21.1	19.2	11.9	288.2	2.1			
18	1	1999	0	19.2	17.7	84.3	24.2	14.8	12.6	19.1	20.1	20.6	20.6	20.6	19.1	30.2	284.0	5.1			
19	1	1999	0.1	16.1	14.9	92	20.7	14.0	11.2	20.7	21.8	19.1	21.9	21.9	19.1	29.1	191.8	4.5			
20	1	1999	0	17.5	16.9	60.8	31.6	13.9	14.4	21.1	22.3	19.2	22.4	22.4	19.2	30.5	339.8	6.5			
21	1	1999	0	18.5	17.1	72.2	22.4	13.5	7.7	20.6	22.9	19.3	23.4	23.4	19.3	19.5	411.0	4.0			
22	1	1999	0	15.3	13.0	76.8	17.2	15.0	13.7	20.2	22.1	19.4	22.5	22.5	19.4	10.2	416.7	2.3			
23	1	1999	0	16.1	13.7	76.9	19.6	12.9	12.1	17.8	19.7	19.5	20.5	20.5	19.5	16.7	398.2	4.4			
24	1	1999	0	17.8	15.1	73.8	20.9	14.6	11.2	18.5	19.8	19.4	20.4	20.4	19.4	20.3	336.2	3.8			
25	1	1999	0	17.5	14.2	77.4	21.7	12.7	11.3	18.7	20.2	19.3	20.7	20.7	19.3	30.5	277.2	5.0			
26	1	1999	0	15.3	13.4	77.2	19.9	8.8	5.5	17.8	20.5	19.2	21.4	21.4	19.2	31.3	257.6	5.1			
27	1	1999	0	17.9	14.2	76	25.0	10.7	6.7	18.3	20.8	19.2	21.7	21.7	19.2	27.9	385.9	5.2			
28	1	1999	0	16.5	15.0	78.3	23.0	15.1	14.3	20.8	22.2	19.3	22.3	22.3	19.3	27.0	232.4	4.8			
29	1	1999	0	19.9	17.2	80	23.9	15.5	12.5	22.1	22.9	19.4	22.9	22.9	19.4	27.6	232.5	4.7			
30	1	1999	5	19.9	17.2	70.1	25.2	13.3	11.3	20.7	22.8	19.5	23.2	23.2	19.5	20.7	350.9	4.5			
31	1	1999	23.8	19.0	19.3	91.5	27.8	18.7	17.5	22.1	23.3	19.6	23.2	23.2	19.6	14.8	254.0	2.3			
Means				18.5	16.1	78.8	23.3	14.2	11.9	20.2	21.7	19.1	22.1	22.1	19.1	23.8	292.3	4.4			
Totals			46.6													736.8	9060.9	135.8			

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	9am	°C	30cm	9am	°C	100cm	9am	°C	Daily
1	2	1999	0	11.9	10.3	74.3	19.4	7.9	5.1	14.3	18.4	20.3	19.7	28.8	229.1	4.5												
2	2	1999	0	12.8	11.1	79.5	19.4	7.4	4.4	13.6	17.3	19.3	19.6	29.6	229.9	4.6												
3	2	1999	0	15.2	13.8	79.8	21.9	9.7	7.1	15.6	18.5	19.7	19.4	27.7	247.7	4.6												
4	2	1999	0	14.8	13.8	80.8	21.9	12.7	9.2	18.3	20.3	20.7	19.3	26.8	224.8	4.4												
5	2	1999	0	17.4	15.7	73.3	27.3	11.6	8.9	17.7	20.2	21.1	19.2	25.3	231.7	4.8												
6	2	1999	0	19.1	17.7	79.3	25.5	16.0	14.1	20.9	22.2	22.2	19.3	21.7	205.2	3.8												
7	2	1999	0	18.9	15.8	84.1	25.9	15.2	13.1	20.3	22.0	22.3	19.4	27.0	210.7	4.6												
8	2	1999	0	17.3	16.3	78.9	23.8	12.2	9.7	19.9	22.5	23.0	19.5	28.4	220.0	4.8												
9	2	1999	0	18.2	15.5	75.5	26.9	12.4	9.7	19.6	22.2	22.9	19.6	26.1	329.5	4.9												
10	2	1999	0	17.1	15.2	81.4	18.6	13.9	10.5	19.8	22.4	23.0	19.7	10.1	391.1	2.1												
11	2	1999	0	15.0	12.8	79.3	19.9	13.8	13.3	18.8	20.7	21.3	19.8	20.9	290.0	3.4												
12	2	1999	0	13.4	11.5	82.4	23.7	8.1	6.2	15.8	19.3	20.7	19.7	28.2	220.6	4.5												
13	2	1999	0	13.6	12.7	87.9	20.5	8.6	5.3	16.8	20.2	21.2	19.6	26.9	238.6	4.2												
14	2	1999	0	15.0	14.5	81	24.7	11.4	8.5	18.1	20.5	21.3	19.6	16.6	141.7	2.9												
15	2	1999	0	19.5	17.5	63.3	26.6	14.8	11.4	19.6	21.3	21.6	19.5	18.1	404.4	4.5												
16	2	1999	0	22.8	18.6	67.6	26.4	19.6	18.8	21.6	22.1	21.9	19.5	17.8	531.8	4.7												
17	2	1999	0	21.3	17.3	67.1	27.7	19.8	17.9	21.4	22.3	22.3	19.6	20.7	371.5	4.7												
18	2	1999	0	21.4	18.1	61.3	28.2	17.8	15.2	21.1	22.4	22.5	19.6	26.0	403.1	6.1												
19	2	1999	0	22.5	17.8	61.4	25.8	19.8	16.0	22.3	23.3	23.3	19.7	18.2	481.1	4.9												
20	2	1999	0	20.6	17.4	77.8	22.6	19.4	17.7	22.0	23.0	22.9	19.8	7.2	258.6	1.5												
21	2	1999	0	12.7	11.3	78.4	21.3	7.7	4.3	15.5	19.4	20.9	19.9	25.8	299.6	4.2												
22	2	1999	0	13.0	11.5	77.9	20.7	7.5	5.5	15.6	19.3	20.6	19.8	25.6	220.8	4.2												
23	2	1999	0	15.9	14.7	71.8	22.1	10.5	6.3	17.5	20.1	21.0	19.7	23.2	350.1	4.4												
24	2	1999	0	16.0	12.3	70.4	19.2	12.9	9.9	18.7	20.8	21.2	19.6	24.4	209.5	4.2												
25	2	1999	0.1	15.4	13.8	85.1	21.0	12.2	8.6	18.7	20.7	21.3	19.5	9.1	168.4	1.6												
26	2	1999	5	17.5	16.2	92.4	21.5	15.2	14.2	18.6	20.0	20.4	19.5	9.1	178.9	1.5												
27	2	1999	8.2	20.7	20.3	90.4	21.4	17.5	16.8	20.2	20.3	20.3	19.5	9.6	308.1	1.6												
28	2	1999	0	16.2	11.7	52.5	24.4	10.2	7.3	13.4	17.2	19.0	19.4	25.0	372.9	5.6												
Means				17.0	14.8	76.2	23.1	13.1	10.5	18.4	20.7	21.4	19.6	21.6	284.6	4.0												
Totals			13.3											603.8	7969.4	111.8												

Date	Month	Year	Rain Daily mm	Air Dry		Air Wet		RH 9am	Air		Grass		Soil Temperatures			Solar		Windrun Daily km	Penman ET mm
				9am	°C	9am	°C		Max Daily	°C	Min Daily	°C	10cm 9am	°C	20cm 9am	°C	30cm 9am		
1	3	1999	0	19.6	13.9	78.7	24.4	11.6	5.6	14.6	17.5	18.8	19.2	20.3	345.2	3.5			
2	3	1999	0	11.1	10.4	66.3	22.0	7.4	5.2	13.8	17.6	18.9	19.1	24.4	258.6	4.4			
3	3	1999	0	12.7	9.9	75.9	21.9	8.9	4.9	14.1	17.7	19.0	19.0	22.7	306.6	4.0			
4	3	1999	0	13.2	11.8	78.8	21.0	9.7	6.1	15.9	18.7	19.5	18.9	21.8	171.4	3.6			
5	3	1999	0.1	15.5	14.5	74.6	22.2	12.7	10.2	17.7	19.5	20.0	18.9	7.6	291.5	1.9			
6	3	1999	1.4	18.1	17.7	90.4	22.8	15.4	15.5	19.0	19.7	19.7	18.9	12.1	236.3	2.0			
7	3	1999	0	15.7	15.3	91	21.6	15.1	14.9	18.3	19.7	19.9	18.8	14.9	166.8	2.3			
8	3	1999	2.2	17.5	16.2	76.1	27.5	12.0	8.4	16.1	18.7	19.6	18.8	21.9	298.1	4.2			
9	3	1999	0.3	15.2	15.4	91.6	21.3	14.9	10.7	18.4	20.1	20.4	18.8	12.4	137.3	2.0			
10	3	1999	4.3	16.1	16.2	94.1	22.1	15.2	14.2	17.9	19.5	20.0	18.9	13.7	144.4	2.1			
11	3	1999	0.2	17.2	17.0	87.1	22.5	16.1	15.9	18.7	20.1	20.3	18.9	12.6	221.1	2.1			
12	3	1999	3.8	13.8	13.0	81.3	23.8	12.1	10.1	15.3	18.0	19.1	18.9	17.0	195.6	2.3			
13	3	1999	8.1	14.5	14.5	93	19.6	13.6	13.9	17.4	19.3	19.7	18.8	12.5	143.5	1.8			
14	3	1999	0	14.1	13.9	79.4	21.3	12.7	10.6	15.6	17.8	18.7	18.8	9.3	242.8	1.8			
15	3	1999	0	12.7	12.7	84	23.0	11.5	9.7	14.6	17.1	18.1	18.7	20.4	190.5	3.3			
16	3	1999	0	13.9	13.4	75.3	26.2	10.4	9.3	14.6	17.6	18.6	18.7	20.3	234.5	3.7			
17	3	1999	0	18.8	13.9	69.9	23.8	12.6	9.7	16.0	18.3	19.1	18.6	16.2	267.8	3.3			
18	3	1999	0	15.1	13.4	68.3	24.2	11.0	8.4	16.4	18.9	19.4	18.6	19.9	269.1	3.9			
19	3	1999	0	16.0	12.4	76	23.0	11.9	6.0	15.9	18.7	19.5	18.6	19.7	212.5	3.2			
20	3	1999	0	14.3	13.3	83.5	21.8	9.4	6.7	15.2	18.3	19.3	18.6	19.9	219.4	3.3			
21	3	1999	0	18.3	16.7	78.1	23.1	8.8	5.6	16.2	18.1	19.1	18.6	17.9	254.4	3.2			
22	3	1999	0	16.0	13.8	63.6	24.0	10.4	8.9	16.1	18.3	19.2	18.6	13.0	444.1	3.5			
23	3	1999	23.6	21.4	15.3	81.2	24.4	14.5	9.4	18.2	18.7	19.0	18.6	13.1	389.8	2.6			
24	3	1999	0	13.3	11.5	84.2	16.5	11.9	11.5	15.4	18.1	19.0	18.6	11.0	236.0	1.7			
25	3	1999	0.2	13.2	12.0	84.6	18.3	6.8	3.3	12.3	15.4	17.1	18.5	16.4	228.3	2.5			
26	3	1999	0	15.2	13.4	66.6	25.9	8.9	6.8	12.7	15.0	16.5	18.4	18.3	370.6	4.2			
27	3	1999	0	22.5	18.8	73.5	25.5	14.8	13.8	17.0	17.4	17.7	18.2	17.3	368.8	3.8			
28	3	1999	0	19.9	17.6	68.7	24.9	15.7	11.8	18.0	18.7	18.8	18.1	14.1	455.8	3.7			
29	3	1999	0	23.9	20.2	73.3	27.1	19.7	17.3	20.0	19.5	19.3	18.2	14.9	353.5	3.4			
30	3	1999	0	21.1	18.5	70.2	23.5	19.8	18.1	20.4	20.6	20.3	18.2	8.0	350.4	2.3			
31	3	1999	0	21.4	15.2	69.1	25.7	18.5	14.7	19.0	19.8	20.0	18.4	16.7	222.5	3.2			
Means				16.5	14.6	78.3	23.1	12.7	10.2	16.5	18.5	19.1	18.7	16.1	265.4	3.0			
Totals			44.2											500.1	8227.2	92.8			

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	9am	°C	20cm	9am	°C	30cm	9am	°C	100cm	9am	°C	Daily
1	4	1999	0	16.8	14.0	85	21.9	10.9	8.1	16.5	18.6	19.5	18.4	10.6	208.3	1.7												
2	4	1999	0	14.6	11.7	55.8	22.3	7.0	3.7	13.9	17.1	18.5	18.5	14.2	334.0	3.5												
3	4	1999	0	18.8	14.7	84.9	21.6	14.4	8.6	15.6	17.3	18.1	18.4	15.8	249.9	2.5												
4	4	1999	0	14.0	12.8	81.3	22.3	8.6	6.4	14.1	16.7	17.9	18.3	15.9	210.1	2.7												
5	4	1999	0	15.7	13.7	86.9	17.9	9.1	4.8	15.8	17.1	17.8	18.2	10.4	249.3	1.6												
6	4	1999	7.9	12.8	11.7	93.5	16.9	10.0	6.0	14.5	16.4	17.2	18.1	4.7	169.9	0.7												
7	4	1999	6.4	16.5	16.7	87.4	23.6	12.6	13.7	15.8	16.5	16.9	18.0	8.2	284.8	1.6												
8	4	1999	0.4	20.8	20.4	82.1	25.4	16.4	16.4	18.7	18.1	17.8	17.9	9.6	267.8	1.8												
9	4	1999	0	14.4	12.8	76.2	18.2	13.0	12.3	15.5	17.0	17.6	17.9	12.4	212.5	2.2												
10	4	1999	0	12.4	9.0	70.9	15.5	10.1	8.8	13.1	15.6	16.8	17.9	13.6	274.4	2.3												
11	4	1999	0	6.1	5.3	83.2	15.2	3.3	1.2	9.1	13.2	15.2	17.8	14.0	239.5	1.9												
12	4	1999	0	8.1	6.8	80	16.8	2.8	0.8	8.0	11.7	14.0	17.6	14.7	197.0	2.1												
13	4	1999	0	9.3	8.0	86.6	16.2	3.7	0.3	9.2	11.8	13.6	17.3	12.2	160.8	1.7												
14	4	1999	3.4	12.1	10.7	75.7	19.4	5.2	1.5	9.7	12.1	13.7	17.1	7.4	315.9	1.7												
15	4	1999	0	17.5	13.2	57	20.8	12.1	12.1	13.1	14.1	14.5	16.9	12.0	443.5	3.3												
16	4	1999	2.6	17.6	12.7	69	19.2	11.5	8.1	11.9	13.3	14.3	16.8	9.6	350.1	2.1												
17	4	1999	0	8.6	6.6	65	12.8	6.4	3.6	9.3	12.2	13.6	16.7	11.1	262.2	1.9												
18	4	1999	0	7.4	4.9	73.6	15.8	1.3	-1.8	6.3	9.8	12.0	16.5	13.8	226.6	2.1												
19	4	1999	0	9.5	7.7	78.5	20.4	4.3	1.7	7.5	10.3	12.0	16.3	13.4	198.5	2.1												
20	4	1999	0	10.4	9.1	79.8	24.3	4.5	0.9	8.5	11.2	12.7	16.1	13.2	165.8	2.1												
21	4	1999	0	12.5	10.7	63.5	24.2	5.6	1.6	9.3	11.8	13.1	15.9	13.0	289.2	2.8												
22	4	1999	0	12.5	10.1	87.4	17.6	8.5	5.6	10.9	13.0	13.8	15.8	12.5	209.8	1.9												
23	4	1999	0	14.8	12.9	85.6	15.1	11.1	9.1	13.4	14.1	14.3	15.8	6.3	414.0	1.3												
24	4	1999	0	12.5	11.7	80.9	14.4	11.3	10.3	12.9	13.9	14.4	15.8	6.0	285.6	1.2												
25	4	1999	0	9.6	8.8	89.3	16.8	7.5	6.6	11.5	13.3	14.1	15.8	5.4	148.5	0.8												
26	4	1999	1.7	13.5	12.5	89.2	18.4	9.5	8.6	12.9	13.8	14.2	15.8	7.5	213.7	1.2												
27	4	1999	0	12.5	12.0	89.2	18.6	10.4	8.6	12.9	14.0	14.5	15.7	7.1	167.6	1.1												
28	4	1999	0	12.4	11.6	85.7	18.0	9.6	7.3	12.2	13.7	14.4	15.7	8.3	233.2	1.3												
29	4	1999	0	12.3	10.9	86.9	18.0	7.4	5.1	11.0	12.9	13.9	15.8	11.5	235.8	1.7												
30	4	1999	2.2	9.9	8.8	89.1	18.5	6.4	4.4	9.7	12.4	13.7	15.7	9.4	149.3	1.4												
Means				12.9	11.1	80.0	18.9	8.5	6.1	12.1	14.1	15.1	17.0	10.8	245.6	1.9												
Totals			24.6											323.5	7367.6	56.3												

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	20cm	30cm	9am	°C	Daily	mj/m2	Daily
1	5	1999	0	11.7	12.0	78.9	15.6	9.72	8.4	12.6	13.6	14.0	15.6	3.4	190.2	0.8										
2	5	1999	0	12.0	11.0	71.9	16.4	10.88	9.9	12.3	13.3	13.8	15.6	4.4	308.2	1.3										
3	5	1999	0	12.0	9.9	76.4	14.5	9.96	8.7	11.2	12.9	13.7	15.6	11.3	333.6	1.8										
4	5	1999	0	4.7	3.4	81	13.8	0.8	-1.1	6.2	10.5	12.5	15.5	11.0	202.3	1.5										
5	5	1999	5.2	7.0	6.0	80.7	18.7	-0.1	-2.7	5.4	9.2	11.3	15.4	5.3	193.7	0.8										
6	5	1999	0.3	7.9	6.3	85.1	12.4	1.2	-2.3	4.5	8.0	10.2	15.2	7.9	209.3	1.1										
7	5	1999	0.1	6.8	5.8	89.1	16.5	3.0	1.7	6.4	8.5	10.0	14.9	7.6	186.8	1.0										
8	5	1999	0	7.9	7.0	79.2	17.3	3.0	0.9	5.8	8.7	10.2	14.7	10.2	239.0	1.7										
9	5	1999	0	12.8	10.2	56.5	19.7	5.1	0.4	6.8	9.2	10.5	14.5	9.3	489.6	3.1										
10	5	1999	0	15.8	11.9	86.1	19.4	12.5	10.3	10.3	11.2	11.6	14.4	9.5	233.6	1.5										
11	5	1999	0	8.6	8.1	87.7	19.0	4.4	1.4	8.1	10.9	12.0	14.3	9.7	206.8	1.4										
12	5	1999	0	7.7	6.9	71.8	22.2	3.6	0.2	6.9	10.0	11.4	14.3	8.6	199.2	1.6										
13	5	1999	0.5	12.0	9.8	76.6	20.3	5.8	2.5	8.6	10.3	11.4	14.3	3.8	389.6	1.3										
14	5	1999	2.9	20.6	18.0	82.8	22.9	11.7	11.1	14.0	13.1	12.6	14.2	7.0	277.0	1.4										
15	5	1999	0.3	17.7	16.1	73.8	21.5	12.7	10.7	13.3	14.0	13.9	14.2	4.7	345.5	1.5										
16	5	1999	1	19.2	15.5	60.2	21.9	16.4	13.9	13.6	14.3	14.3	14.3	4.3	537.7	2.4										
17	5	1999	0	13.2	9.1	78.1	19.2	10.3	8.2	10.4	13.1	13.9	14.5	9.3	231.7	1.5										
18	5	1999	0	6.5	5.5	80.6	17.6	2.7	-0.3	6.5	10.5	12.3	14.6	9.1	210.8	1.3										
19	5	1999	0	5.9	4.7	83.8	15.6	2.8	0.9	5.7	9.3	11.1	14.5	8.8	267.4	1.3										
20	5	1999	0	5.8	4.5	81.4	17.3	2.8	1.0	5.4	8.8	10.5	14.4	8.9	227.1	1.3										
21	5	1999	0	5.9	4.5	83.8	16.9	1.6	0.2	5.2	8.5	10.2	14.2	8.6	224.4	1.3										
22	5	1999	0	6.7	5.7	83.8	17.6	3.0	0.3	5.7	8.5	10.1	14.0	8.5	223.6	1.3										
23	5	1999	0	9.1	7.9	86.7	18.5	6.1	3.9	6.8	9.0	10.2	13.8	8.3	215.5	1.2										
24	5	1999	0	8.6	7.7	88.7	17.9	4.3	0.9	6.7	9.2	10.4	13.7	7.8	144.7	1.1										
25	5	1999	0	5.8	6.2	87.4	15.9	5.0	1.4	8.6	9.8	10.6	13.6	7.8	171.5	1.1										
26	5	1999	0.6	12.3	11.2	84.9	17.4	5.6	3.3	9.0	10.0	10.7	13.6	3.9	259.6	0.9										
27	5	1999	3.9	17.2	14.8	72.6	21.6	12.1	7.1	10.7	11.7	11.9	13.5	6.3	360.8	1.8										
28	5	1999	0	15.9	14.0	64.5	20.2	14.2	13.1	13.2	13.2	12.9	13.5	4.9	358.6	1.7										
29	5	1999	0.8	10.4	8.5	59.4	19.7	8.4	3.4	8.9	11.5	12.4	13.6	6.3	306.3	2.0										
30	5	1999	3	11.8	11.6	99.5	14.9	10.3	8.8	11.7	12.2	12.3	13.7	2.1	133.2	0.2										
31	5	1999	0.1	10.9	11.4	80.6	19.0	9.1	6.7	10.9	12.2	12.6	13.7	6.2	323.1	1.4										
Means				10.7	9.2	79.1	18.1	6.7	4.3	8.8	10.8	11.8	14.4	7.3	264.5	1.4										
Totals			18.7											225.0	8200.4	43.6										

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	Energy	Daily	Windrun
1	6	1999	3.9	17.3	14.1	77.5	18.7	10.8	11.3	12.3	12.8	12.8	12.8	13.7	4.6	313.9	1.2														
2	6	1999	9.5	11.1	10.4	88.7	17.4	7.9	4.0	9.6	11.9	12.6	13.8	6.8	198.1	1.0															
3	6	1999	0	8.3	8.2	86	16.2	6.8	4.7	9.1	11.3	12.2	13.8	7.3	184.9	1.1															
4	6	1999	0	9.8	6.7	72	10.1	5.4	3.5	8.0	10.1	11.3	13.8	2.5	366.4	0.9															
5	6	1999	0	3.1	2.2	87.3	12.2	0.7	-0.9	4.9	8.2	10.0	13.7	5.7	239.8	0.7															
6	6	1999	0	1.8	1.2	85	12.7	0.1	-1.3	3.1	6.7	8.8	13.6	7.1	235.5	1.0															
7	6	1999	0	5.4	4.4	58.6	17.5	1.6	-0.1	3.5	6.4	8.2	13.3	7.4	311.1	2.0															
8	6	1999	13.5	13.1	8.8	85.7	17.0	5.3	2.5	5.8	7.5	8.6	13.1	5.0	213.9	0.8															
9	6	1999	0.1	5.5	6.0	93.9	14.4	5.4	3.7	8.0	9.3	9.7	12.9	7.1	191.7	0.8															
10	6	1999	0	4.4	4.3	90.5	15.6	2.1	0.3	4.4	7.6	9.2	12.8	7.1	204.2	0.9															
11	6	1999	0	5.2	5.0	65.4	17.4	2.8	-0.9	4.1	7.1	8.6	12.7	6.9	293.0	1.7															
12	6	1999	21.9	13.7	11.4	92.3	16.1	4.8	3.0	8.4	8.6	9.1	12.6	2.9	211.0	0.5															
13	6	1999	13.5	11.7	12.1	100	12.5	11.4	10.9	11.3	11.0	10.7	12.5	1.4	83.6	0.1															
14	6	1999	15.8	8.8	9.2	94	15.3	8.4	7.7	9.9	10.8	11.0	12.5	2.2	169.6	0.3															
15	6	1999	3	13.8	12.6	78	17.1	8.7	7.4	10.5	10.7	10.9	12.6	4.2	383.1	1.2															
16	6	1999	0.4	11.7	9.6	81.6	17.2	9.4	7.1	9.0	10.5	11.0	12.6	6.9	209.1	1.2															
17	6	1999	0.2	8.9	8.1	92.5	13.1	7.6	4.8	9.0	10.3	10.8	12.7	5.0	167.3	0.6															
18	6	1999	0	2.6	2.4	89.3	11.6	0.1	-1.5	4.0	7.9	9.7	12.7	4.9	195.9	0.6															
19	6	1999	0	1.5	1.4	88.3	13.1	0.7	-1.1	3.1	6.6	8.4	12.6	7.0	185.0	0.8															
20	6	1999	0	4.2	3.2	83.6	16.0	1.2	-2.4	2.7	5.9	7.8	12.4	7.0	174.8	1.0															
21	6	1999	0	6.3	6.3	91.1	11.0	3.7	-0.3	5.9	7.0	7.9	12.2	5.6	229.1	0.7															
22	6	1999	0	3.4	3.6	90.9	12.4	0.4	-2.0	3.1	6.0	7.6	11.9	6.9	209.5	0.8															
23	6	1999	0	2.0	1.5	88.2	14.1	-0.4	-2.2	2.4	5.4	7.1	11.8	7.1	216.1	0.9															
24	6	1999	0	2.9	2.4	87.9	15.1	0.8	-0.7	2.5	5.2	6.8	11.6	6.9	232.3	0.9															
25	6	1999	0	2.7	2.4	82.5	14.0	0.7	-0.6	2.8	5.5	6.8	11.4	7.0	244.2	1.0															
26	6	1999	0	2.7	2.4	85.6	12.4	0.7	-0.8	2.8	5.5	6.8	11.2	6.1	193.9	0.8															
27	6	1999	0	0.8	0.1	82.4	12.7	-1.6	-4.5	1.9	4.7	6.4	11.1	6.9	195.4	0.9															
28	6	1999	0	2.1	1.7	83.5	14.0	-1.0	-3.0	1.9	4.4	5.9	10.9	6.9	210.6	1.1															
29	6	1999	0	0.7	-0.1	80.6	12.9	-1.6	-3.1	1.7	4.3	5.8	10.8	7.1	264.5	1.0															
30	6	1999	0	1.9	1.0	77.7	14.8	0.0	-1.4	1.7	4.1	5.5	10.6	7.0	208.9	1.1															
Means				6.2	5.4	84.7	14.5	3.4	1.5	5.6	7.8	8.9	12.5	5.9	224.5	0.9															
Totals			81.8											176.6	6736.4	27.6															

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	7	1999	0.0	3.1	2.1	56.5	17.2	1.0	-2.3	1.9	4.3	5.6	10.4	7.2	396.6	2.3											
2	7	1999	23.8	13.4	9.6	76.5	15.5	3.0	1.6	6.8	6.5	6.6	10.3	3.2	558.3	1.4											
3	7	1999	4.4	13.2	13.5	98.8	13.6	12.5	11.1	10.9	9.4	8.5	10.2	2.5	175.9	0.2											
4	7	1999	0.2	6.4	6.7	94.7	9.2	5.4	2.5	7.6	8.7	9.0	10.3	3.5	120.4	0.4											
5	7	1999	0.0	4.1	4.2	89.1	13.6	3.1	1.9	6.1	8.1	8.7	10.4	7.1	235.5	0.3											
6	7	1999	0.0	10.0	6.8	69.5	17.5	1.2	-0.7	3.6	6.5	7.9	10.5	6.9	307.7	1.6											
7	7	1999	0.0	6.4	6.0	70.8	17.6	3.9	-0.8	5.0	7.1	8.0	10.6	4.2	263.4	1.1											
8	7	1999	4.4	9.6	8.9	95.9	9.9	6.2	2.1	6.5	7.8	8.3	10.5	1.6	198.9	0.1											
9	7	1999	0.0	0.3	0.0	86.4	11.3	-1.3	-2.8	2.4	5.4	7.1	10.5	7.4	233.6	0.9											
10	7	1999	0.2	0.5	0.3	84.1	12.3	-1.2	-2.4	2.0	4.6	6.1	10.5	7.5	204.5	1.0											
11	7	1999	0.0	3.5	2.5	81	15.8	0.4	-2.2	2.0	4.4	5.8	10.3	7.6	204.8	1.1											
12	7	1999	0.0	3.5	2.3	80.4	13.2	1.2	-1.4	2.3	4.7	6.0	10.1	4.1	230.6	0.8											
13	7	1999	0.0	8.2	7.4	91.9	16.4	3.1	1.0	4.9	6.2	6.7	10.0	7.2	262.2	0.9											
14	7	1999	0.0	3.7	3.4	91.1	14.1	2.2	0.8	3.9	6.1	7.0	9.9	7.6	217.4	0.9											
15	7	1999	0.0	3.6	3.2	87.5	13.6	1.7	-0.2	3.1	5.6	6.8	9.9	6.4	212.9	0.9											
16	7	1999	29.0	6.4	5.4	94.8	12.4	3.3	1.6	5.6	6.3	6.8	9.9	1.8	298.3	0.3											
17	7	1999	10.6	10.7	11.3	100	13.8	6.3	6.2	9.8	8.9	8.2	9.8	2.2	137.6	0.2											
18	7	1999	10.0	10.7	11.1	100	11.8	10.5	10.4	10.5	10.0	9.5	9.9	2.5	150.9	0.2											
19	7	1999	20.0	9.8	10.3	99.4	11.3	9.6	9.6	10.2	10.2	9.9	10.0	1.4	135.4	0.1											
20	7	1999	0.0	11.6	10.4	71.5	16.6	7.8	6.6	8.8	9.7	9.8	10.2	6.8	375.3	1.6											
21	7	1999	0.2	6.3	5.5	86.8	15.8	5.2	3.5	6.3	8.5	9.3	10.4	6.4	176.7	0.9											
22	7	1999	0.0	10.1	8.4	80.4	15.7	5.0	1.0	6.0	8.0	8.8	10.5	7.3	237.0	1.2											
23	7	1999	0.0	3.4	3.1	93.4	11.8	2.0	-0.5	4.5	7.2	8.5	10.5	6.3	177.4	0.7											
24	7	1999	0.0	2.8	2.7	91.1	13.3	0.7	-1.0	3.1	6.2	7.7	10.5	8.2	215.1	1.0											
25	7	1999	0.0	3.0	2.7	68.5	15.6	0.2	-0.9	3.0	6.1	7.5	10.4	6.8	278.6	1.5											
26	7	1999	0.8	7.9	5.4	88.6	12.0	2.7	2.1	5.0	7.0	7.7	10.3	5.7	271.7	0.8											
27	7	1999	1.4	1.4	1.4	91.9	8.6	-0.9	-4.0	2.9	6.0	7.3	10.2	5.4	195.7	0.6											
28	7	1999	0.0	5.2	4.6	85.1	14.7	-0.1	-2.2	3.2	5.2	6.6	10.2	9.1	159.5	1.1											
29	7	1999	0.0	1.7	1.6	82.1	11.9	-0.1	-1.2	2.8	5.7	7.0	10.0	8.7	158.0	1.1											
30	7	1999	0.0	1.5	1.4	86.7	12.3	0.7	-0.8	3.4	5.9	7.0	10.0	8.3	228.1	1.0											
31	7	1999	0.0	1.2	0.4	83.6	12.3	-1.1	-2.9	2.4	5.3	6.7	9.9	9.4	240.4	1.2											
Means				5.9	5.2	85.7	13.6	3.0	1.2	5.0	6.8	7.6	10.2	5.8	234.1	0.9											
Totals			105.0											180.2	7258.4	27.4											

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	10cm	9am	°C	20cm	9am	°C	30cm	9am	°C	100cm	9am	°C	Daily	mj/m2	Daily
1	9	1999		0	4.7	3.8	64.8	16.7	-0.188	-2.7	5.5	7.9	9.1	10.6	10.6	15.1	15.1	399.5	3.0												
2	9	1999		0	13.9	9.8	78.2	19.8	4.397	6.6	8.7	9.2	9.5	10.6	13.4	13.4	212.4	2.2													
3	9	1999		0.1	12.3	10.6	88.9	17.4	8.65	5.4	10.2	10.8	10.7	10.6	13.8	13.8	193.3	2.0													
4	9	1999		0	11.8	10.7	65.3	19.7	7.2	4.6	10.2	11.2	11.3	10.7	15.1	15.1	435.9	3.4													
5	9	1999		1.4	13.8	10.3	65.7	18.5	10.7	7.6	10.5	11.3	11.5	10.9	11.9	11.9	532.4	3.2													
6	9	1999		0.8	13.4	13.1	75.6	17.7	12.3	11.4	11.8	11.8	11.7	11.0	8.6	8.6	354.8	1.9													
7	9	1999		0	17.1	14.8	76.4	20.2	13.3	12.1	12.9	12.5	12.2	11.2	14.5	14.5	305.8	2.5													
8	9	1999		0	10.1	8.3	80.3	12.4	7.8	7.1	11.1	12.1	12.3	11.3	9.9	9.9	150.9	1.4													
9	9	1999		0	7.8	7.0	81.2	13.5	2.3	-1.7	9.2	11.0	11.7	11.5	15.8	15.8	207.6	2.0													
10	9	1999		0	5.9	4.5	75.2	16.4	-0.5	-3.1	7.0	9.5	10.7	11.6	16.1	16.1	222.1	2.4													
11	9	1999		0	12.1	8.8	73.2	17.6	4.3	-1.1	8.4	9.9	10.7	11.6	13.2	13.2	280.4	2.3													
12	9	1999		0	10.8	9.3	91.2	16.7	6.9	3.0	9.8	10.6	11.0	11.6	9.4	9.4	155.5	1.3													
13	9	1999		6.6	11.5	11.3	97	14.1	9.5	8.3	11.2	11.6	11.6	11.6	5.4	5.4	123.8	0.6													
14	9	1999		2	10.8	9.8	79.2	20.3	6.7	3.6	9.5	10.7	11.3	11.7	17.6	17.6	238.1	2.8													
15	9	1999		2.7	12.6	11.7	89.4	16.9	7.2	5.5	10.6	11.6	11.9	11.7	10.9	10.9	136.8	1.5													
16	9	1999		0	10.7	10.3	90.5	13.8	7.3	4.1	11.1	11.6	11.8	11.8	10.5	10.5	209.8	1.4													
17	9	1999		0	11.2	9.6	89.1	14.1	4.7	0.4	10.1	11.4	11.9	11.9	17.3	17.3	234.5	2.3													
18	9	1999		2.6	12.3	10.9	73.1	18.7	5.2	1.4	9.5	10.9	11.6	11.9	15.1	15.1	383.1	3.0													
19	9	1999		0	14.3	12.7	66.1	19.0	11.7	10.9	12.6	12.8	12.6	12.0	16.3	16.3	442.0	3.4													
20	9	1999		5.5	14.4	10.0	67.4	18.6	8.4	6.0	10.7	11.8	12.4	12.1	16.7	16.7	311.6	3.0													
21	9	1999		0	9.4	6.1	75.8	12.7	6.2	5.3	10.4	11.8	12.3	12.2	11.3	11.3	263.9	1.7													
22	9	1999		0	9.3	7.0	80.3	14.7	1.3	-2.1	7.0	9.1	10.5	12.2	17.8	17.8	281.4	2.5													
23	9	1999		0	9.8	7.1	82.5	17.8	3.5	1.0	8.1	9.7	10.7	12.2	19.1	19.1	200.7	2.8													
24	9	1999		0	10.8	9.3	61.5	18.3	3.6	1.0	9.1	10.5	11.4	12.2	19.3	19.3	361.1	3.8													
25	9	1999		1.8	15.3	10.4	68.2	19.4	8.5	2.9	10.2	11.1	11.8	12.2	17.4	17.4	388.2	3.5													
26	9	1999		0	15.6	14.1	61.1	19.9	10.9	9.3	12.6	12.8	12.7	12.2	16.5	16.5	457.3	3.8													
27	9	1999		2.4	9.4	7.0	80.4	13.3	9.5	8.1	11.8	12.7	13.0	12.3	12.4	12.4	224.3	1.7													
28	9	1999		0	9.5	6.7	79.3	17.2	1.1	-2.3	7.6	9.7	11.1	12.4	20.0	20.0	210.7	2.9													
29	9	1999		0	12.0	9.7	64.9	18.8	3.5	-0.2	9.5	10.8	11.7	12.4	20.8	20.8	221.4	3.6													
30	9	1999		0	17.6	11.8	81.4	19.6	8.8	-0.2	11.2	12.0	12.6	12.4	21.4	21.4	237.7	3.3													
Means					11.7	9.5	76.8	17.1	6.5	3.7	9.9	11.0	11.5	11.7	14.7	14.7	279.2	2.5													
Totals				25.9											441.9	441.9	8377.0	75.2													

Date	Month	Year	Rain		Air		Air		Air		RH		Air		Grass		Soil Temperatures			Solar		Windrun		Penman		
			Daily	mm	Dry	9am	Wet	9am	Max	Min	Daily	9am	9am	%	Daily	9am	Daily	Min	10cm	20cm	30cm	100cm	Daily	9am	Daily	9am
1	11	1999		0	17.9	15.1	64.2	21.9	17.3	14.9	17.5	17.6	14.8	19.4	450.4	4.5										
2	11	1999		0	22.1	17.3	74.4	22.6	16.8	14.8	18.2	17.6	14.9	17.3	357.4	3.3										
3	11	1999		0.2	12.3	9.4	72.5	15.7	10.1	9.3	16.1	17.4	15.0	15.3	254.5	2.6										
4	11	1999		30.4	11.0	10.7	96.2	16.1	10.6	9.9	15.5	16.8	15.1	6.5	353.7	0.9										
5	11	1999		8	14.9	15.3	97.1	19.5	10.6	10.8	15.2	15.7	15.2	9.1	87.6	1.3										
6	11	1999		1.2	15.7	16.2	83.6	23.7	13.1	11.1	15.8	16.3	15.2	25.7	220.4	4.3										
7	11	1999		0.8	18.0	17.4	77.6	22.4	14.4	12.9	17.0	17.3	15.2	19.0	308.4	3.6										
8	11	1999		0	18.7	14.6	66.1	22.0	13.4	9.9	15.8	16.7	15.3	23.5	348.8	4.7										
9	11	1999		0	19.5	15.4	67	26.4	14.7	11.6	16.4	16.9	15.4	26.9	323.4	5.4										
10	11	1999		27.8	18.6	15.7	91	20.1	15.7	13.4	18.3	18.8	15.4	7.9	263.4	1.3										
11	11	1999		14.6	17.8	14.7	81.7	20.3	12.9	11.1	16.6	17.5	15.6	18.6	287.1	3.1										
12	11	1999		17.6	12.0	12.0	95.9	12.3	11.7	12.1	15.5	16.7	15.7	6.6	144.3	0.8										
13	11	1999		0	11.2	9.9	79.6	19.9	4.1	3.3	11.9	13.7	15.0	22.9	258.3	3.6										
14	11	1999		0	13.0	10.8	60.7	21.0	8.5	5.9	14.0	14.9	15.7	29.9	405.6	5.9										
15	11	1999		0	17.4	12.4	60.1	22.1	12.8	9.3	14.5	15.7	15.7	29.1	515.2	6.4										
16	11	1999		0.2	17.8	13.8	58.9	21.4	14.4	10.3	16.0	16.7	15.7	28.0	644.3	6.7										
17	11	1999		3.6	18.2	14.5	74	20.8	15.3	13.2	16.9	17.5	15.7	14.2	517.0	3.3										
18	11	1999		10.8	15.6	15.0	95.9	16.4	14.6	13.1	16.5	17.1	15.8	6.7	230.7	0.9										
19	11	1999		2.4	13.0	12.0	93.9	15.6	10.1	8.2	14.3	15.4	15.9	14.7	230.0	2.0										
20	11	1999		4.8	10.9	10.5	89.2	12.9	10.0	9.3	14.0	15.2	15.9	11.6	265.7	1.6										
21	11	1999		0.2	10.2	8.5	81.9	16.0	3.5	0.6	11.1	13.1	14.4	25.1	191.9	3.4										
22	11	1999		0	10.9	8.8	76.5	16.7	3.6	1.4	11.6	13.5	15.7	26.2	205.0	4.0										
23	11	1999		0	12.5	10.8	73.3	20.7	9.9	8.6	14.4	15.2	15.7	28.9	264.5	4.9										
24	11	1999		5.4	14.8	12.4	88.3	18.2	11.7	7.8	15.1	16.5	15.6	10.9	184.0	1.7										
25	11	1999		0	14.8	11.2	81.4	17.9	12.2	11.8	15.2	16.2	15.7	29.6	275.0	4.4										
26	11	1999		0	13.5	11.9	65.5	22.4	5.9	3.9	13.9	15.5	15.8	31.5	285.6	5.6										
27	11	1999		26	18.7	14.2	83.9	23.4	13.0	8.4	16.4	17.1	15.8	13.2	243.0	2.1										
28	11	1999		0.6	8.9	8.0	65.9	15.4	7.9	8.1	13.4	15.4	15.9	9.0	309.0	2.1										
29	11	1999		0	15.5	11.8	74.3	18.4	9.0	6.8	12.9	13.8	16.0	28.6	360.4	4.6										
30	11	1999		0	11.5	9.4	81.4	16.1	4.3	1.7	12.3	14.0	15.9	19.1	244.7	2.8										
Means					14.9	12.6	78.4	19.3	11.1	9.1	15.1	16.1	15.6			3.4										
Totals				154.6										575.2	9029.3	101.8										

Date	Month	Year	Rain		Air		Air Wet 9am °C	RH 9am %	Air		Grass		Soil Temperatures			Solar		Windrun Daily km	Penman ET mm
			Daily mm		Dry 9am °C	Max Daily °C			Min Daily °C	Daily °C	10cm 9am °C	20cm 9am °C	30cm 9am °C	100cm 9am °C	Daily Energy mj/m2				
1	12	1999	0	16.2	13.7	75	24.6	6.0	12.8	14.0	14.9	15.9	29.5	345.8	5.1				
2	12	1999	0	14.4	12.1	65	23.5	11.6	16.1	16.5	16.6	15.8	26.9	341.3	5.3				
3	12	1999	0	17.0	15.0	84.7	18.5	14.0	17.5	18.0	17.9	15.8	20.9	241.4	3.2				
4	12	1999	0	16.0	14.5	87	23.3	11.5	16.8	17.6	17.8	16.0	29.5	189.0	4.6				
5	12	1999	0	17.6	15.1	85.2	21.9	9.4	17.6	18.7	18.9	16.1	26.5	235.9	4.2				
6	12	1999	5.6	15.2	14.7	91.2	18.0	11.7	18.4	19.3	19.3	16.3	19.7	251.4	2.9				
7	12	1999	0	12.9	11.6	82.5	14.9	7.7	15.7	17.4	18.2	16.5	15.2	246.9	2.3				
8	12	1999	0	12.7	10.7	80.9	16.5	6.0	13.8	15.5	16.6	16.6	23.5	260.3	3.5				
9	12	1999	0	12.9	10.1	82.1	16.3	5.9	14.3	15.8	16.7	16.6	33.0	249.1	4.9				
10	12	1999	0	15.9	13.5	59.3	24.5	7.6	15.7	17.0	17.6	16.5	30.2	438.4	6.4				
11	12	1999	1.2	16.7	13.9	81.1	19.3	14.1	17.6	18.5	18.7	16.6	10.0	298.9	2.0				
12	12	1999	0	18.4	14.1	64.1	21.7	13.1	16.4	17.2	17.6	16.7	24.4	465.3	5.3				
13	12	1999	12.8	16.0	13.5	81.4	20.1	15.2	17.3	18.1	18.2	16.7	17.4	316.4	2.9				
14	12	1999	0	12.1	10.9	77.6	16.0	9.7	14.3	16.0	16.9	16.7	16.2	159.8	2.4				
15	12	1999	0	13.3	11.2	77.3	21.4	6.3	13.5	15.0	16.0	16.7	28.2	220.7	4.6				
16	12	1999	0	14.3	13.2	90	16.5	11.8	16.5	17.5	17.6	16.6	22.1	212.6	3.2				
17	12	1999	0	16.7	15.0	63.2	24.2	7.9	15.9	17.0	17.5	16.6	31.5	477.4	6.5				
18	12	1999	0.4	17.0	13.2	78.2	20.8	13.8	17.6	18.7	18.7	16.7	14.5	323.7	2.8				
19	12	1999	0	17.8	13.7	62.2	24.3	12.7	17.2	17.9	18.1	16.7	32.6	372.8	6.3				
20	12	1999	0	16.1	14.3	86.7	17.3	9.7	17.7	18.7	19.0	16.8	22.0	261.5	3.4				
21	12	1999	0	15.9	13.8	83.1	19.9	10.2	17.4	18.3	18.6	16.9	33.2	219.6	5.0				
22	12	1999	0	15.1	13.2	83	18.2	7.2	17.2	18.7	19.2	17.0	22.7	268.1	3.6				
23	12	1999	0	14.8	11.8	60.5	24.1	8.2	17.0	18.4	18.8	17.1	33.7	376.6	6.6				
24	12	1999	18.2	17.9	12.4	73.2	22.6	12.8	18.5	19.6	19.8	17.1	25.5	275.0	4.4				
25	12	1999	0	12.4	10.1	74.9	16.4	9.8	16.5	18.4	19.0	17.2	24.5	346.0	3.9				
26	12	1999	0	11.6	9.4	75	16.8	4.3	13.2	15.6	17.0	17.3	24.8	257.5	4.0				
27	12	1999	0	12.9	11.1	79.7	14.5	11.0	15.8	17.0	17.4	17.2	11.4	169.4	1.8				
28	12	1999	0	13.6	11.2	80.5	16.5	11.0	15.3	16.3	16.8	17.2	20.9	236.3	3.2				
29	12	1999	0	13.5	11.8	75	22.5	5.8	13.8	15.6	16.5	17.1	32.5	224.7	5.3				
30	12	1999	0	15.0	14.1	86.7	20.5	9.0	16.5	17.9	18.2	17.0	25.7	252.6	4.0				
31	12	1999	2	14.2	13.3	89.7	19.6	10.2	16.7	18.0	18.4	17.0	17.7	135.9	2.7				
Means				15.0	12.8	77.9	19.8	9.8	16.2	17.3	17.8	16.7	24.1	279.7	4.1				
Totals			40.2										746.4	8670.3	126.3				