

Awatere Dashwood Weather Station - Daily Summary at 0900 hours																	
Date	Month	Year	Total Rain (mm)	Growing Degree Days>10	Max Air Temp	Min Air Temp	Min Grass Temp	Soil Temp 10cm 9am	Soil Temp 30cm 9am	Solar Energy mJ/m2	Penman ET mm	RH		Daily Wind Run km			
												Max Wind Speed km/hr	Avg Wind Speed km/hr				
1	1	2005	11.0	2.4	15.2	9.5	7.4	15.8	18.1	7.3	0.6	95.1	33.6	9.2	221.8	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
2	1	2005	0.0	3.4	18.7	8.1	6.1	15.6	16.9	15.7	2.1	87.2	27.8	9.5	228.1	20.4	23.9
3	1	2005	0.0	7.0	23.9	10.1	7.6	17.1	17.0	27.8	5.0	71.6	51.6	16.6	398.4	19.6	22.8
4	1	2005	0.0	8.8	22.5	15.0	14.2	17.2	18.2	18.4	5.0	67.1	53.4	22.1	530.8	19.4	21.7
5	1	2005	8.0	9.0	22.6	15.5	13.0	17.6	18.2	17.0	3.4	68.1	40.8	16.0	383.0	17.7	20.8
6	1	2005	0.0	7.2	21.7	12.8	13.1	17.4	18.3	11.3	1.5	93.1	29.9	5.2	124.1	19.9	20.9
7	1	2005	12.0	9.3	29.0	9.7	8.4	18.0	17.7	23.6	6.8	64.9	39.5	15.3	367.5	19.5	20.8
8	1	2005	6.2	6.0	18.6	13.4	13.3	16.5	18.7	12.2	1.5	87.3	30.2	8.6	205.3	22.0	27.2
9	1	2005	7.4	5.3	19.9	10.7	7.7	16.9	18.0	14.6	1.8	87.4	32.9	12.0	288.2	23.8	28.9
10	1	2005	0.0	3.5	16.3	10.6	9.9	15.9	17.5	13.7	1.8	81.2	42.3	20.2	483.8	25.0	29.5
11	1	2005	0.0	2.8	18.5	7.1	4.5	15.2	16.8	14.2	2.2	82.4	28.5	9.0	215.5	24.6	27.8
12	1	2005	0.0	4.5	22.6	6.5	4.7	16.4	16.7	31.2	6.2	74.1	31.6	11.8	283.7	23.5	27.0
13	1	2005	0.0	12.0	28.8	15.2	9.4	17.6	18.1	30.8	9.7	45.2	48.2	17.3	416.3	22.4	25.9
14	1	2005	0.0	7.8	25.0	10.5	8.9	19.6	19.1	30.5	6.0	67.1	28.8	11.3	272.1	20.9	24.3
15	1	2005	0.0	8.2	26.3	10.1	8.3	20.3	19.9	30.0	5.7	72.9	34.4	10.9	262.5	19.4	23.0
16	1	2005	0.0	7.9	24.4	11.5	10.3	20.8	20.5	29.4	4.5	80.2	47.9	12.7	305.5	18.8	21.9
17	1	2005	0.0	10.1	25.3	15.0	12.4	20.7	20.8	26.5	7.9	53.4	66.9	28.5	683.0	17.0	20.7
18	1	2005	0.0	7.8	24.2	11.4	8.0	19.7	20.3	28.8	7.6	43.8	64.4	23.0	550.9	15.8	19.2
19	1	2005	0.0	4.4	18.2	10.6	10.4	20.0	20.6	17.9	3.3	69.4	27.8	8.5	203.4	14.7	18.1
20	1	2005	0.0	6.5	24.7	8.4	5.6	18.6	19.7	29.6	8.6	56.0	73.6	27.3	654.7	14.1	17.4
21	1	2005	0.0	10.8	26.7	14.9	13.2	19.7	20.1	30.4	9.0	44.0	57.8	30.3	726.0	13.4	16.4
22	1	2005	0.0	10.4	25.4	15.4	13.1	20.9	20.6	24.9	6.7	56.0	54.2	22.7	545.1	12.7	15.5
23	1	2005	0.0	12.1	25.6	18.7	18.0	21.7	21.3	16.7	3.9	70.2	43.1	19.5	467.1	12.2	14.8
24	1	2005	0.0	7.4	21.0	13.8	13.1	20.4	21.2	14.5	1.9	88.4	34.4	8.5	204.4	11.9	14.3
25	1	2005	0.0	8.2	21.8	14.7	15.6	20.5	21.0	20.6	3.0	83.9	29.2	11.9	285.3	11.6	13.9
26	1	2005	0.0	8.1	23.0	13.1	12.4	20.0	21.2	27.1	3.7	77.1	28.5	10.8	258.7	11.4	13.6
27	1	2005	0.0	5.6	25.6	5.7	3.9	20.4	20.8	28.0	5.8	69.5	21.3	7.6	182.0	11.1	13.4
28	1	2005	0.0	7.0	22.9	11.1	7.7	20.9	21.4	23.7	3.5	75.3	25.4	10.7	257.8	10.8	13.2
29	1	2005	0.0	6.9	19.5	14.4	14.7	21.1	22.0	14.4	2.9	83.2	32.1	14.9	358.1	10.7	13.0
30	1	2005	0.0	9.1	24.7	13.5	11.3	20.4	21.0	23.7	5.4	63.7	26.5	12.1	290.2	10.5	12.8
31	1	2005	0.0	8.4	25.0	11.8	8.6	21.8	21.4	21.7	4.3	72.8	45.8	13.3	318.6	10.3	12.7
Average Monthly																	
Total Monthly 44.6 227.9																	
Maximum Monthly 29.0																	
Minimum Monthly 5.7 3.9																	
Avg Monthly Temp 17.4																	
Average Monthly 14.7 353.9 16.8 19.9																	
Total Monthly 10971.7																	
Maximum Monthly 73.6																	
Minimum Monthly 10.3																	
Avg Monthly Temp 12.7																	



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Date	Month	Year	Total Rain (mm)	Growing Degree Days>10	Max Air Temp	Min Air Temp	Min Grass Temp	Soil Temp 10cm	Soil Temp 30cm	Solar Energy	Penman ET	RH Daily Mean	Max Wind Speed	Avg Wind Speed	Daily Wind Run	Soil Moisture 0-200mm	Soil Moisture 200-400mm
			(mm)	Days>10	Air Temp	Air Temp	Temp	9am	9am	mj/m2	mm		km/hr	km/hr	km	%	%
1	3	2005	0.0	1.3	17.3	5.3	2.7	16.0	19.5	13.1	3.0	73.0	32.6	8.9	213.9	8.5	10.9
2	3	2005	0.0	5.1	25.5	4.7	2.0	15.2	18.2	22.6	6.9	59.4	47.2	16.2	389.8	8.4	10.8
3	3	2005	0.0	10.2	23.4	17.1	16.1	19.0	19.2	20.3	4.2	52.2	66.5	20.7	496.3	8.5	10.9
4	3	2005	0.0	7.0	22.8	11.2	8.2	19.1	19.7	22.2	5.7	64.3	42.4	13.0	313.0	8.5	10.9
5	3	2005	0.0	11.0	27.7	14.3	11.5	19.3	20.0	22.4	6.7	56.4	46.1	15.9	382.2	8.4	10.9
6	3	2005	1.4	9.4	25.2	13.7	11.5	21.4	20.7	21.9	6.0	57.2	74.9	27.4	657.7	8.3	10.9
7	3	2005	0.0	6.4	18.8	14.1	12.3	18.8	20.9	18.0	3.7	71.3	47.9	17.1	411.6	8.2	10.9
8	3	2005	0.0	6.8	23.7	10.0	7.6	17.4	19.6	20.6	6.5	46.0	64.4	26.6	637.4	8.0	10.7
9	3	2005	0.0	9.0	24.3	13.8	10.9	18.6	19.8	12.2	7.0	48.1	54.5	20.3	486.2	7.9	10.7
10	3	2005	0.6	9.2	24.1	14.3	11.7	18.6	19.2	15.5	4.6	52.6	61.3	25.3	606.8	7.8	10.6
11	3	2005	0.0	3.6	19.4	7.9	6.4	16.7	19.2	18.6	3.8	67.0	48.8	8.3	199.0	7.8	10.6
12	3	2005	0.0	3.8	23.3	4.3	1.3	16.5	18.4	20.9	5.8	59.3	24.1	8.5	204.2	7.6	10.5
13	3	2005	0.0	4.2	21.6	6.9	3.1	17.4	18.8	20.9	4.6	65.8	24.2	10.2	245.5	7.6	10.5
14	3	2005	0.0	5.1	21.6	8.6	5.0	18.1	19.2	19.5	3.9	71.8	26.9	10.2	244.8	7.6	10.5
15	3	2005	4.2	4.9	20.3	9.4	5.9	17.9	19.3	15.5	2.9	74.4	36.0	16.7	400.5	7.5	10.4
16	3	2005	0.2	7.9	22.2	13.6	12.2	18.4	19.5	17.7	2.6	84.9	31.1	14.8	354.1	7.7	10.5
17	3	2005	0.0	7.2	20.9	13.6	11.3	18.4	19.5	11.5	2.4	85.9	26.9	11.1	265.9	7.7	10.5
18	3	2005	0.0	8.8	23.0	14.7	13.4	18.8	19.4	17.5	3.0	81.0	47.1	19.4	465.4	7.6	10.5
19	3	2005	0.0	7.6	20.7	14.5	13.7	17.6	19.6	18.5	3.7	75.7	52.1	23.5	564.9	7.5	10.4
20	3	2005	0.0	5.4	21.2	9.6	7.5	17.9	19.4	15.5	2.4	80.2	21.5	8.0	191.6	7.4	10.4
21	3	2005	0.0	5.5	21.7	9.3	8.0	17.6	19.6	17.2	2.6	85.5	49.2	17.5	420.8	7.4	10.4
22	3	2005	0.0	5.9	21.4	10.3	8.1	18.2	19.4	12.6	2.5	83.6	45.4	14.0	335.3	7.3	10.3
23	3	2005	0.0	3.6	19.4	7.8	5.8	17.1	19.1	10.7	1.7	88.1	17.9	6.3	150.3	7.2	10.3
24	3	2005	9.4	7.0	23.6	10.4	7.9	17.3	18.9	13.6	3.0	83.0	29.8	8.9	212.8	7.6	10.9
25	3	2005	4.8	8.6	22.3	14.9	14.2	19.1	19.4	10.0	2.8	84.4	37.8	14.0	336.8	10.2	14.6
26	3	2005	5.4	9.1	22.3	15.9	13.6	17.3	19.0	9.5	2.0	76.3	52.7	17.0	406.9	10.8	14.9
27	3	2005	0.0	4.3	17.2	11.3	11.4	15.6	18.1	8.2	1.4	88.7	28.0	9.8	236.1	12.1	15.7
28	3	2005	0.2	6.3	23.4	9.1	6.8	15.2	17.5	15.3	3.2	75.8	31.1	9.3	223.2	12.1	15.3
29	3	2005	11.6	1.6	15.5	7.7	5.7	15.0	17.6	3.8	0.8	89.8	44.0	14.0	337.0	12.0	14.9
30	3	2005	30.4	0.9	11.7	10.1	9.6	12.1	16.0	4.5	0.8	85.7	57.7	33.0	791.4	16.4	21.9
31	3	2005	3.2	1.4	14.9	8.0	7.5	10.6	14.8	8.0	1.7	77.1	50.6	22.6	543.5	22.1	33.8
Average Monthly																	
Total Monthly																	
Maximum Monthly																	
Minimum Monthly																	
Avg Monthly Temp																	
71.4																	
188.3																	
27.7																	
4.3																	
1.3																	
17.3																	
19.0																	
15.4																	
3.6																	
72.4																	
15.8																	
378.2																	
9.2																	
11724.7																	
74.9																	
22.1																	
7.2																	
10.3																	



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Date	Month	Year	Total Rain (mm)	Growing Degree Days>10	Max Air Temp	Min Air Temp	Min Grass Temp	Soil Temp 10cm 9am	Soil Temp 30cm 9am	Solar Energy mJ/m2	Penman ET mm	RH Daily Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
2	5	2005	10.4	5.1	20.6	9.6	7.6	9.5	12.0	9.8	3.2	64.0	50.5	17.2	412.1	13.9	15.9
3	5	2005	0.0	1.7	14.2	9.1	8.9	11.4	12.6	5.5	1.9	75.2	44.6	17.1	410.1	16.8	17.0
4	5	2005	0.2	2.0	14.0	10.1	8.4	10.8	12.4	5.8	1.1	77.6	32.4	11.6	279.4	16.3	16.8
5	5	2005	0.0	4.0	19.8	8.1	5.4	11.5	12.5	9.5	1.6	85.9	19.9	7.3	175.4	15.9	16.6
6	5	2005	0.0	0.5	17.3	3.6	-0.3	8.8	12.3	11.0	2.5	77.2	47.3	14.1	337.6	15.4	16.5
7	5	2005	0.0	5.1	19.6	10.6	4.9	10.1	12.2	10.1	3.3	59.9	49.4	21.4	513.8	15.1	16.2
8	5	2005	4.6	2.6	15.1	10.1	4.3	10.8	12.5	2.7	0.9	74.4	43.1	14.3	342.8	14.9	16.1
9	5	2005	0.0	0.0	13.0	-1.0	-5.0	5.8	10.9	10.5	2.1	75.1	21.3	8.3	200.3	14.9	15.9
10	5	2005	0.0	0.0	18.4	1.6	-2.7	6.8	10.3	10.0	3.6	55.2	54.3	21.8	523.3	14.6	15.8
11	5	2005	0.0	6.1	20.1	12.2	7.8	9.7	11.0	9.7	4.6	52.8	64.0	30.3	727.4	14.3	15.6
12	5	2005	0.0	6.7	20.7	12.8	10.9	10.4	11.6	6.9	3.4	62.7	59.3	21.7	519.9	14.0	15.3
13	5	2005	0.0	0.0	15.9	3.7	0.6	9.4	11.6	10.3	2.6	72.0	39.8	10.5	252.0	13.7	15.3
14	5	2005	0.0	1.9	19.8	4.0	-0.5	8.8	11.2	7.7	3.4	53.0	55.2	22.0	527.3	13.3	15.1
15	5	2005	0.0	1.4	19.1	3.8	1.6	8.4	11.2	7.4	1.6	84.6	37.1	10.6	254.4	13.0	14.9
16	5	2005	7.4	0.0	10.4	8.0	8.1	10.1	11.6	3.3	0.4	88.1	37.1	19.3	463.6	12.9	14.8
17	5	2005	20.0	0.0	10.4	6.6	5.9	8.6	11.2	1.7	0.2	90.3	42.6	21.1	507.3	13.9	14.8
18	5	2005	24.2	0.4	13.7	7.1	6.7	10.3	10.9	2.0	0.3	98.2	31.7	14.4	345.3	23.7	27.8
19	5	2005	0.0	2.6	16.0	9.2	6.5	11.0	11.8	4.7	0.3	97.0	20.1	6.8	162.9	25.1	32.3
20	5	2005	22.4	0.8	12.3	9.3	10.1	12.0	12.4	2.7	0.5	94.3	39.0	15.0	359.6	24.9	30.1
21	5	2005	0.0	1.1	12.8	9.4	9.7	11.3	12.1	2.8	0.3	96.1	26.4	7.0	168.1	29.0	37.5
22	5	2005	32.0	0.6	13.1	8.2	7.6	11.4	12.3	1.6	0.3	95.5	31.3	8.3	200.2	28.3	33.9
23	5	2005	0.2	2.9	16.3	9.6	9.9	12.0	12.4	6.4	0.9	89.0	33.8	10.2	244.8	43.8	40.8
24	5	2005	0.0	0.0	15.5	3.7	1.4	9.0	12.1	8.0	1.0	86.9	20.9	7.2	173.6	43.2	42.3
25	5	2005	0.0	0.0	15.5	3.1	-0.1	8.2	11.6	8.7	1.8	79.5	31.6	9.8	235.5	37.9	41.3
26	5	2005	0.0	0.0	15.9	4.1	1.2	8.3	11.1	8.0	2.1	65.8	58.4	22.2	532.6	33.5	40.0
27	5	2005	0.0	3.8	16.2	11.3	6.8	10.0	11.2	4.8	1.4	83.3	35.7	14.3	344.0	31.2	37.1
28	5	2005	5.6	3.3	15.4	11.2	7.9	10.0	11.6	8.2	2.8	58.3	61.6	23.6	565.3	30.0	34.8
29	5	2005	0.0	1.6	14.6	8.7	5.1	9.9	11.0	5.2	1.6	69.3	63.7	23.7	569.3	32.0	37.8
30	5	2005	0.0	0.0	14.1	5.2	1.9	7.8	10.7	7.7	2.0	63.2	40.4	15.8	379.7	30.6	35.9
31	5	2005	0.0	0.0	13.9	-1.2	-5.0	4.8	9.6	8.2	1.9	66.1	49.5	14.7	352.8	29.4	33.2
Average Monthly																	
Total Monthly 127.0 54.2 15.8 7.1 4.5 9.6 11.6 6.7 1.8 76.3 369.3 22.5																	
Maximum Monthly 20.7 64.0 11080.4																	
Minimum Monthly -1.2 -5.0																	
Avg Monthly Temp 11.4																	





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2	8	2005	0.0	0.0	12.7	-0.3	-1.8	5.5	8.8	6.9	1.1	89.5	18.8	7.2	171.6	34.8	40.4	
3	8	2005	0.0	0.0	16.3	0.6	-1.4	5.5	8.4	10.1	2.2	75.3	23.5	8.7	209.2	33.0	37.1	
4	8	2005	0.0	0.0	14.4	2.1	-1.0	5.8	8.2	10.4	2.2	72.2	32.0	14.1	337.5	31.8	35.0	
5	8	2005	0.0	0.2	14.6	5.8	-0.5	5.8	8.3	10.4	2.0	69.3	30.5	10.1	243.3	31.0	33.7	
6	8	2005	0.0	0.0	13.3	1.5	-0.8	5.6	8.2	10.0	1.4	78.3	32.4	11.5	275.0	30.5	32.9	
7	8	2005	0.4	0.0	12.6	1.9	-0.8	7.0	8.2	4.3	0.8	87.1	24.7	11.3	271.0	30.1	32.4	
8	8	2005	0.0	2.5	16.3	8.7	7.4	9.3	9.1	7.1	1.3	89.1	34.0	9.6	230.1	29.8	32.0	
9	8	2005	7.6	0.0	13.5	6.2	3.3	8.4	9.4	6.7	0.8	80.5	36.0	11.7	280.3	30.0	32.0	
10	8	2005	0.0	0.0	13.7	0.9	-0.8	6.3	9.2	11.1	1.6	84.9	17.6	7.4	176.9	32.4	36.4	
11	8	2005	1.2	0.0	13.7	-0.3	-2.1	5.3	8.6	6.8	1.8	78.0	47.7	13.6	326.1	31.2	34.5	
12	8	2005	0.2	1.7	15.4	8.1	6.6	8.6	9.1	10.8	2.5	70.0	49.6	18.0	432.8	30.6	33.3	
13	8	2005	0.0	0.4	13.8	7.1	1.6	7.3	9.2	11.7	2.5	55.7	51.7	25.2	604.2	30.1	32.2	
14	8	2005	0.6	0.2	14.9	5.6	1.9	6.9	9.0	8.0	1.2	73.9	70.4	17.3	415.9	29.7	31.5	
15	8	2005	0.0	0.0	12.2	-1.1	-3.3	4.3	8.2	11.9	2.0	72.9	23.9	9.3	222.8	29.5	31.1	
16	8	2005	0.0	0.0	17.7	0.5	-1.4	5.6	7.9	10.7	3.5	56.1	65.2	25.1	601.9	29.2	30.7	
17	8	2005	0.0	2.0	14.2	9.7	6.4	8.0	8.6	3.6	1.6	70.1	47.0	15.2	364.9	28.7	30.2	
18	8	2005	0.0	0.0	13.9	1.9	-0.3	6.9	8.8	7.5	1.4	88.1	26.2	9.1	219.4	28.4	29.8	
19	8	2005	0.0	0.5	17.6	3.3	0.5	7.3	8.7	11.9	3.5	63.2	54.7	22.4	537.1	28.0	29.4	
20	8	2005	0.0	3.8	17.1	10.6	6.9	8.3	9.1	11.4	3.6	49.8	62.1	31.5	755.5	27.3	28.7	
21	8	2005	0.0	3.5	17.6	9.4	5.2	7.8	9.3	11.5	3.4	54.1	52.3	25.4	610.6	26.3	28.0	
22	8	2005	0.4	3.4	15.5	11.3	7.2	9.2	9.7	8.9	1.9	68.6	52.3	20.0	480.5	25.4	27.3	
23	8	2005	2.2	3.4	15.7	11.1	9.5	10.2	10.1	8.9	1.6	77.1	37.2	16.0	384.3	24.9	26.8	
24	8	2005	0.0	2.7	15.8	9.6	7.1	10.2	10.5	11.3	2.0	78.4	37.4	13.1	314.2	24.4	26.4	
25	8	2005	0.0	0.0	13.6	2.2	0.4	8.1	10.4	12.4	1.3	75.2	54.0	17.3	415.3	23.9	25.8	
26	8	2005	0.0	0.0	16.1	0.1	-1.1	7.4	10.0	13.6	2.4	77.6	31.8	9.1	218.9	23.4	25.4	
27	8	2005	0.0	0.0	10.1	1.7	-0.2	7.4	9.7	11.5	1.6	74.8	57.3	20.6	495.1	22.9	25.0	
28	8	2005	0.0	0.0	16.0	-1.3	-3.1	5.4	8.8	14.0	2.4	75.6	29.9	10.8	260.1	22.4	24.5	
29	8	2005	0.0	0.0	17.1	1.5	0.1	7.5	9.2	13.9	2.2	82.1	21.5	6.8	163.9	21.9	24.1	
30	8	2005	0.0	0.4	18.1	2.7	0.6	7.4	9.4	14.2	3.2	69.9	33.8	10.9	262.5	21.4	23.7	
31	8	2005	0.0	4.3	19.3	9.3	5.5	9.0	9.9	14.7	3.9	62.8	46.0	24.2	580.3	20.8	23.2	
Average Monthly																		
			12.6	29.0	15.1	4.3	1.7	7.2	9.1	10.2	2.1	73.3		15.1	362.0	27.8	30.1	
Total Monthly			306.0														10861.2	
Maximum Monthly			19.3														70.4	
Minimum Monthly																		
Avg Monthly Temp			9.7															



Awatere Dashwood Weather Station - Daily Summary at 0900 hours																	
Date	Month	Year	Total Rain (mm)	Growing Degree Days>10	Max Air Temp	Min Air Temp	Min Grass Temp	Soil Temp 10cm 9am	Soil Temp 30cm 9am	Solar Energy	Penman ET	RH Daily Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
2	10	2005	4.8	0.0	16.3	3.7	2.4	10.2	11.2	10.3	1.6	85.1	27.0	11.3	272.4	13.8	17.2
3	10	2005	0.0	1.3	13.9	8.6	9.3	11.1	11.4	13.7	1.3	88.3	43.1	19.9	478.7	13.7	17.1
4	10	2005	4.2	0.8	21.5	0.0	0.1	8.9	10.8	19.0	3.5	76.1	43.6	13.8	331.1	13.6	16.9
5	10	2005	1.4	1.1	15.0	7.2	6.6	11.2	11.7	12.7	1.9	80.4	27.0	9.6	230.8	13.6	16.8
6	10	2005	0.0	0.0	18.6	0.8	1.3	9.6	11.3	20.5	4.0	65.7	58.5	12.6	302.3	13.5	16.8
7	10	2005	3.2	0.0	17.0	0.5	0.7	9.5	11.2	17.5	2.9	72.8	47.9	17.8	426.2	13.5	16.6
8	10	2005	0.0	0.5	14.8	6.2	3.8	9.7	11.1	16.6	3.2	55.2	53.5	21.3	510.8	13.4	16.5
9	10	2005	5.0	0.0	13.7	-1.8	-2.0	7.8	10.3	16.1	2.1	72.5	25.1	9.7	233.2	13.4	16.4
10	10	2005	13.2	0.0	14.0	1.8	1.8	9.0	10.6	6.8	0.7	93.2	27.8	9.2	220.0	16.3	17.4
11	10	2005	0.2	0.0	12.6	6.8	6.0	9.8	10.7	16.2	1.4	82.2	54.2	23.7	569.4	18.0	18.2
12	10	2005	0.0	0.4	18.3	2.6	1.7	9.3	10.5	16.3	3.3	71.0	61.0	22.6	542.1	17.4	18.0
13	10	2005	0.0	4.0	16.0	12.1	8.9	11.2	11.2	18.2	2.1	64.9	45.5	20.4	490.7	16.7	17.8
14	10	2005	0.0	1.5	14.6	8.4	8.6	11.4	11.5	19.7	2.4	78.3	23.7	8.0	191.2	16.2	17.6
15	10	2005	0.0	2.1	19.2	5.0	4.0	11.3	11.7	16.3	3.8	62.6	51.9	24.1	577.7	15.7	17.4
16	10	2005	0.0	2.0	16.7	7.4	6.3	11.6	11.8	22.9	2.9	67.8	37.8	13.7	327.9	15.1	17.2
17	10	2005	0.0	0.0	17.3	2.4	1.9	10.8	11.8	24.6	2.9	79.3	30.8	11.0	263.2	14.7	16.9
18	10	2005	0.0	0.0	16.7	1.8	1.9	11.1	11.9	18.2	2.2	81.8	22.4	7.6	182.3	14.3	16.7
19	10	2005	0.0	0.4	14.5	6.3	6.6	12.1	12.1	2.4	0.5	90.1	32.4	10.3	247.0	14.0	16.6
20	10	2005	0.4	2.2	16.0	8.4	0.1	12.4	12.2	9.6	1.5	85.6	42.4	10.5	251.7	14.0	16.5
21	10	2005	0.0	0.7	12.3	9.1	9.1	11.9	12.4	14.6	1.7	76.9	62.8	35.1	842.0	13.9	16.5
22	10	2005	0.0	0.3	13.4	7.1	6.9	10.5	11.7	23.4	2.4	73.1	56.0	22.8	546.3	13.7	16.3
23	10	2005	4.8	0.0	15.7	0.0	-2.5	12.5	11.5	18.0	2.0	83.6	29.7	10.6	253.8	13.5	16.1
24	10	2005	0.0	2.0	16.9	7.0	5.6	13.8	12.6	21.9	2.5	83.7	22.8	7.8	187.6	13.4	16.1
25	10	2005	0.0	2.3	20.4	4.2	0.8	14.6	12.8	26.3	4.8	74.0	24.3	8.3	199.4	13.3	16.0
26	10	2005	0.0	3.7	21.5	5.9	1.9	15.0	13.3	26.5	6.0	56.1	39.7	19.4	466.4	13.1	15.8
27	10	2005	0.0	8.1	24.1	12.2	8.3	16.6	13.8	26.6	7.2	50.3	49.1	21.7	521.4	12.8	15.5
28	10	2005	0.0	7.9	22.7	13.1	7.8	16.8	14.3	26.4	6.8	46.3	56.7	24.4	586.3	12.3	15.1
29	10	2005	0.8	8.1	22.9	13.3	11.4	17.4	14.6	21.4	4.7	58.1	46.9	20.3	487.6	11.9	14.8
30	10	2005	0.2	3.7	16.1	11.4	11.7	15.7	15.2	13.2	1.7	88.8	28.7	10.7	256.7	11.7	14.6
31	10	2005	0.0	2.8	17.5	8.1	5.9	15.7	14.5	24.2	2.6	81.9	27.3	6.9	165.8	11.6	14.5
<b>Average Monthly</b>																	
<b>Total Monthly</b>																	
<b>Maximum Monthly</b>																	
<b>Minimum Monthly</b>																	
<b>Avg Monthly Temp</b>																	
<b>Figures in bold substituted from Blenheim met station as missing data</b>																	
<b>38.2</b>																	
<b>55.9</b>																	
<b>24.1</b>																	
<b>-1.8</b>																	
<b>-2.5</b>																	
<b>17.0</b>																	
<b>6.0</b>																	
<b>4.6</b>																	
<b>11.9</b>																	
<b>12.0</b>																	
<b>18.0</b>																	
<b>540.0</b>																	
<b>86.5</b>																	
<b>74.2</b>																	
<b>2.9</b>																	
<b>15.5</b>																	
<b>372.1</b>																	
<b>14.1</b>																	
<b>11162.2</b>																	
<b>18.0</b>																	
<b>11.6</b>																	
<b>14.5</b>																	

Awatere Dashwood Weather Station - Daily Summary at 0900 hours																			
Date	Month	Year	Total Rain (mm)	Growing Degree Days>10	Max Air Temp	Min Air Temp	Min Grass Temp	Soil Temp 10cm	Soil Temp 30cm	Solar Energy	Penman ET	RH Daily Mean	Max Wind Speed	Avg Wind Speed	Daily Wind Run	Soil Moisture 0-200mm	Soil Moisture 200-400mm		
			(mm)	Days	Air Temp	Air Temp	Temp	9am	9am	mj/m2	mm		km/hr	km/hr	km	%	%		
2	11	2005	0.0	4.5	19.7	9.3	6.3	14.6	15.1	17.3	3.4	75.1	41.4	14.7	353.6	11.2	14.0		
3	11	2005	0.0	6.8	25.3	8.3	3.6	16.2	14.6	16.2	5.3	51.1	49.7	21.0	504.0	11.0	13.8		
4	11	2005	0.0	7.0	23.6	10.3	5.9	16.7	15.0	21.2	5.5	67.2	41.7	12.2	292.1	10.8	13.6		
5	11	2005	0.0	12.4	28.5	16.3	16.1	17.6	16.2	20.6	7.0	49.4	83.9	33.5	803.8	10.6	13.4		
6	11	2005	0.0	2.4	14.3	10.5	8.6	16.0	16.0	12.8	1.7	80.1	46.3	21.1	506.5	10.4	13.2		
7	11	2005	0.0	6.5	23.1	9.9	9.7	14.3	15.0	18.2	3.2	77.0	26.1	12.3	295.0	10.2	13.1		
8	11	2005	0.0	2.9	24.2	1.7	-2.6	18.1	14.2	27.3	4.2	71.0	63.8	14.7	351.7	10.0	12.9		
9	11	2005	0.0	4.6	25.4	3.9	0.7	18.8	14.9	27.9	7.0	67.6	31.0	10.2	243.8	9.9	12.7		
10	11	2005	0.0	11.8	30.2	13.4	10.0	20.9	16.0	28.8	12.9	32.0	52.2	26.7	641.3	9.7	12.6		
11	11	2005	0.0	12.3	27.8	16.9	13.1	22.8	16.9	28.5	8.9	39.4	55.1	24.0	577.1	9.5	12.4		
12	11	2005	0.2	9.3	24.3	14.2	10.8	20.4	17.4	22.0	6.9	55.2	54.7	22.5	540.4	9.3	12.2		
13	11	2005	6.2	5.0	23.0	7.1	2.9	20.2	16.6	18.7	3.3	62.5	45.2	16.1	386.8	9.1	12.0		
14	11	2005	1.2	2.4	16.2	8.7	8.8	15.0	16.4	13.3	2.0	82.7	31.0	11.5	275.1	9.0	11.9		
15	11	2005	0.0	1.8	19.8	3.9	0.5	16.9	14.9	29.4	5.9	65.1	43.9	18.3	439.2	9.1	11.9		
16	11	2005	0.0	5.7	20.7	10.8	8.6	17.9	15.7	19.3	6.5	49.3	58.0	26.9	644.7	9.1	11.9		
17	11	2005	0.0	4.4	19.0	9.7	5.5	17.9	15.5	16.3	3.0	57.1	47.3	14.4	346.6	9.1	11.8		
18	11	2005	0.0	2.1	20.8	3.4	-0.8	18.6	14.8	29.4	5.7	62.6	33.2	12.9	310.5	9.0	11.7		
19	11	2005	0.0	6.0	21.4	10.6	5.2	21.0	16.1	29.8	5.7	63.9	35.2	13.8	331.6	8.9	11.7		
20	11	2005	0.0	9.4	26.3	12.6	8.9	21.7	16.9	28.6	8.3	50.5	57.4	23.2	555.9	8.9	11.7		
21	11	2005	7.2	9.5	23.8	15.2	12.5	22.4	17.6	30.9	7.6	53.8	75.3	28.4	681.0	8.8	11.6		
22	11	2005	0.0	0.1	16.2	4.0	0.9	17.7	17.2	27.5	3.6	68.5	58.7	19.8	475.1	8.7	11.5		
23	11	2005	3.6	1.2	18.5	3.9	1.7	17.5	15.9	19.2	2.9	76.7	33.8	12.3	295.2	8.7	11.5		
24	11	2005	0.0	2.9	16.6	9.3	7.8	14.5	16.3	18.4	3.6	66.4	56.3	22.6	542.8	8.8	11.5		
25	11	2005	0.2	0.0	13.7	2.6	-2.0	13.7	14.8	18.3	3.1	66.6	52.8	20.4	490.0	8.7	11.4		
26	11	2005	0.0	0.2	14.8	5.6	1.6	15.2	14.2	24.2	3.2	65.0	54.9	25.4	608.9	8.7	11.3		
27	11	2005	0.4	0.0	16.0	2.6	-0.8	14.1	14.3	20.2	3.0	64.8	54.1	24.1	577.2	8.6	11.3		
28	11	2005	0.4	2.0	16.1	7.9	6.6	13.4	14.3	20.4	3.0	71.6	58.9	27.1	651.5	8.6	11.3		
29	11	2005	0.0	3.7	17.8	9.6	8.3	16.4	14.5	30.4	4.3	67.6	29.0	9.2	220.5	8.6	11.3		
30	11	2005	0.0	0.3	18.6	2.0	-1.2	19.5	15.5	15.4	2.4	77.8	36.1	13.4	321.2	8.5	11.3		
Average Monthly																			
Total Monthly																			
Maximum Monthly																			
Minimum Monthly																			
Avg Monthly Temp																			
			19.4	137.2	20.9	8.4	5.4	17.6	15.6	22.4	4.9	63.4	48.5	19.1	457.3	9.4	12.2		
					30.2					650.1	143.0		83.9		13262.7		14.0		
						1.7	-2.6									11.2	11.3		
			14.6													8.5	11.3		

