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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
1	1	2000	1.2	9.3	24	14.5		19		21	3.9	76.1	65.2	15.1	362.7	12.5	15.7
2	1	2000	9.4	11.1	25.3	16.9		19.2		10.1	2	86.7	52.6	11.3	270.8	12.3	15.5
3	1	2000	8.2	4.9	17.9	11.8		18.2		11.4	1.9	84.2	34	7.3	175.1	13.1	15.6
4	1	2000	3	5.2	19.7	10.6		17		15.5	2.5	81.5	26	6.7	161.4	13.7	15.6
5	1	2000	0	4.4	18.1	10.6		17.5		8.7	1.6	83.6	27.8	7.1	171	13.7	15.7
6	1	2000	0	5.1	19.6	10.5		16.9		13.5	1.9	84.7	42	7.5	179.2	13.7	15.8
7	1	2000	0	8.0	22.9	13.1		17.7		22.6	4	75.1	56.2	11.3	271.9	13.5	15.9
8	1	2000	0.8	4.6	18.4	10.8		18.2		11	2.5	77.2	52.7	14.9	358.5	13.4	15.9
9	1	2000	0	4.5	19.3	9.6		17		25	3.8	71.1	82.9	19.4	465.1	13.2	15.8
10	1	2000	0.4	3.1	16.7	9.5		17.8		13.4	2.1	78.5	71.6	22.5	540.1	13	15.7
11	1	2000	0	3.7	16.8	10.5		16.7		17.1	3.6	69	54.8	11.4	274	12.8	15.7
12	1	2000	0	1.9	18.8	4.9		16.2		28.7	4.2	72.3	49.2	10.2	245.8	12.5	15.5
13	1	2000	0	2.5	21.4	3.5		16.5		26.6	4.3	73.1	42.7	8.3	200.2	12.1	15.2
14	1	2000	0	4.7	20.5	8.9		18.4		25.9	3.5	74.8	35.8	8.9	213.1	11.7	14.9
15	1	2000	0	6.0	18.2	13.7		19.7		8.4	2.1	81.3	25.2	6.5	156	11.5	14.8
16	1	2000	0	8.9	24.7	13		18.5		19.1	5.6	55.2	64.4	18.1	434.3	11.2	14.6
17	1	2000	0	10.6	26.8	14.3		18.7		26.8	7.4	60	64.4	15.2	364.2	10.8	14.2
18	1	2000	0	6.3	23.1	9.5		19.2		18.5	3.9	77.9	48.8	7.4	177.6	10.5	14
19	1	2000	0	9.2	26.4	11.9		19.8		27.1	6.3	59.8	64	17.2	412.1	10.2	13.7
20	1	2000	0	13.3	28.1	18.4		20.7		27.1	8.5	57	80.4	24.7	592.3	9.8	13.4
21	1	2000	0	12.2	27.1	17.2		21.2		22.1	6.9	60.8	91.7	23.6	567	9.4	13.2
22	1	2000	0.4	11.6	24.6	18.6		21.2		12.2	4	71.7	48.1	16.7	401.6	9.3	13
23	1	2000	0	12.9	27.2	18.6		20.6		17.9	7.2	60.8	72.2	22.9	550.7	9.1	12.9
24	1	2000	4.2	12.7	27	18.4		20.9		17.4	3.9	77.7	78	18.7	448	8.9	12.8
25	1	2000	0	5.1	17.4	12.7		19.6		14.6	3	70.9	69.2	24.4	586	8.8	12.7
26	1	2000	0	4.6	18.8	10.4		17.5		17.5	3	73.6	79.3	18.8	450.1	8.7	12.6
27	1	2000	0	1.7	19.6	3.7		16		24.3	4.2	68.5	42.2	9.4	224.5	8.6	12.5
28	1	2000	0	2.6	22	3.2		16.5		25.7	4.9	70.6	48	10.7	256.5	8.6	12.5
29	1	2000	23.4	5.4	21.5	9.2		18.6		8	2.3	82.8	77.4	20	481	10.6	13.4
30	1	2000	1	10.7	25.6	15.8		18.5		26.9	6.4	58.2	76.6	26	624.8	14.1	14.5
31	1	2000	1	7.6	23.5	11.7		17.4		23.8	5.3	68.6	80.3	17.9	429.1	13.3	14.2
Average Monthly					22.0	11.8		18.4		19.0	4.1	72.4		14.8	356.3	11.4	14.4
Total Monthly			53.0	213.5						587.9	126.7				11044.7		
Maximum Monthly					28.1								91.7			14.1	15.9
Minimum Monthly						3.2										8.6	12.5
Avg Monthly Temp			16.9														

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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
1	2	2000	0	5.2	20.1	10.2		18		18.3	3.1	68.6	80.3	17.9	429.1	13.3	14.2
2	2	2000	1.8	2.8	17.1	8.4		17.8		15.3	2.1	76.7	36.5	10	240.7	12.9	14.2
3	2	2000	0	2.4	19.1	5.7		16		15.1	3.3	76.3	84.4	17.4	417.9	12.5	14.2
4	2	2000	0	6.3	26.1	6.4		15.7		21.2	5.1	71.3	40.1	9.7	232.9	12.2	14.1
5	2	2000	0	5.7	22.7	8.6		17.1		22.4	5.1	69.4	53.8	11.5	275.8	11.8	13.9
6	2	2000	0	11.9	26	17.8		18.9		12.1	6.6	63.7	57.6	17.3	414	11.2	13.8
7	2	2000	0	8.6	24.7	12.5		18.2		25	5.5	59.7	68	17.7	424.1	10.7	13.5
8	2	2000	0	7.2	25.6	8.8		18.3		23.6	5.6	57.5	66.1	12.9	309.5	10.2	13.3
9	2	2000	0	12.7	33	12.4		18.7		24.6	10	61	64.7	17.1	410.7	9.7	13
10	2	2000	0	10.0	23.4	16.6		20.4		19.9	4.6	47.6	66.7	16.8	404	9.3	12.8
11	2	2000	0	7.3	24.9	9.7		19.4		24.4	5.3	66.6	44.5	9.3	224.1	8.9	12.6
12	2	2000	0	12.4	28.4	16.4		20.4		24.6	6.9	71.3	47.2	15	360.2	8.6	12.4
13	2	2000	0	12.0	25.9	18		20.9		15.1	5.2	64.3	82.6	24.4	584.6	8.4	12.3
14	2	2000	5.4	6.8	20	13.6		20.1		10.8	2.3	67.2	64.3	15.5	373.1	8.2	12.2
15	2	2000	0.8	6.4	20.1	12.6		19		11.3	2.1	82.7	56	15.8	379.2	8	12.1
16	2	2000	4.4	10.0	25.1	14.8		19.1		15.2	3.2	84.6	44.9	6.6	158.8	8.1	12
17	2	2000	1	8.6	23.5	13.7		18.9		15	2.9	81.3	46.3	9	216.6	8.2	12.1
18	2	2000	0.2	8.1	22.3	13.8		18.8		18.2	3.4	81.9	50.9	9.2	220.3	8.5	12.2
19	2	2000	0	6.8	21.5	12		18.2		24	3.7	76.3	73.7	17	408.7	8.4	12.2
20	2	2000	0	6.3	26	6.6		17.8		22.5	5.6	77.6	50.4	8.7	209.6	8.4	12.2
21	2	2000	0	10.1	24.1	16.1		19.2		11.1	5.7	63.6	62.9	18.4	441.2	8.4	12.2
22	2	2000	0	4.7	17.6	11.8		18.3		11.4	2.4	62.9	81	20.2	484.2	8.3	12.2
23	2	2000	0	3.3	21.9	4.7		16.2		23.3	5.1	76.9	45.7	10.2	245.1	8.2	12.1
24	2	2000	0	10.4	31.9	8.9		18.2		22.2	7.4	64.5	48.2	14.2	340.5	8.1	12
25	2	2000	0	5.5	24.4	6.5		17.8		20.5	3.9	70	69.1	11.7	279.9	8	12
26	2	2000	0.4	8.3	22.8	13.7		19.8		10.3	3.2	73.6	37.9	14	336.7	8	12
27	2	2000	0	9.4	25.6	13.2		18.3		11.1	6.6	70.6	82.2	15.2	365.7	7.8	11.9
28	2	2000	0	6.9	26.3	7.4		17.6		22.7	7.4	49.2	152	24.3	582.6	7.8	11.8
29	2	2000	0	7.8	27.2	8.4		18.2		21	4.7	51.3	44.8	9.8	234.7	7.8	11.9
Average Monthly					24.0	11.4		18.5		18.4	4.8	68.6		14.4	345.0	9.3	12.7
Total Monthly			14.0	223.3						532.2	138.0				10004.5		
Maximum Monthly					33.0								152.0			13.3	14.2
Minimum Monthly						4.7										7.8	11.8
Avg Monthly Temp			17.7														

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 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 %
1	3	2000	0	5.5	22.5	8.5		18.6		19.6	3.9	63.6	48.6	12.6	176.4	7.7	11.8
2	3	2000	0	4.8	21.4	8.2		18.2		21.1	4	74.1	57	9.8	236.2	7.6	11.8
3	3	2000	0	5.2	24.2	6.1		17.6		21.5	5.2	71.2	104.6	20.2	485.5	7.5	11.7
4	3	2000	0	9.2	28	10.4		18.1		20.6	5.4	70.7	52.7	10.6	255.1	7.5	11.7
5	3	2000	0	6.2	23.3	9		18.8		20.3	4.2	73	53.3	10.1	242.5	7.5	11.7
6	3	2000	0	8.6	27.5	9.6		19.3		16.4	4.2	75.4	66.8	11.4	274.4	7.4	11.7
7	3	2000	0	5.7	16.7	14.6		19.9		7.8	1.8	77.4	85	13.6	326.8	7.4	11.7
8	3	2000	0	5.6	19.4	11.7		18		16.9	3.3	74.8	108.6	16.6	399.5	7.3	11.6
9	3	2000	0	5.2	24.5	5.9		16.7		18.5	4.7	72.7	47.9	9.2	220.2	7.3	11.6
10	3	2000	0	4.1	20.5	7.7		17.2		12.9	3.1	71.1	49.9	10.5	252.7	7.2	11.5
11	3	2000	0	8.5	28.8	8.2		17.4		17.9	7.3	75.3	55	9.4	225.9	7.2	11.5
12	3	2000	1	12.1	26.9	17.3		19		17.5	6.3	55.1	101.9	23.4	560.8	7.2	11.5
13	3	2000	17.2	5.9	17.7	14		19.3		4.9	1.2	54.1	98.8	19	455.4	7.2	11.5
14	3	2000	0	2.4	15	9.8		15.1		20.2	2.9	82.4	96	32.1	771.3	9	12.8
15	3	2000	0	1.1	18.5	3.7		13.2		17.6	3	71	125.2	25.1	602.8	10.2	13.4
16	3	2000	0	4.3	17.7	10.9		15.8		18.4	2.3	70.4	64	15.6	374.6	10.2	13.3
17	3	2000	0	2.2	18.2	6.1		14.9		18.2	2.7	79.3	98.8	20.3	487.5	10.1	13.3
18	3	2000	0	5.0	26	3.9		14.3		18	6.6	78.8	30.8	6.8	163.9	10.1	13.2
19	3	2000	0	12.1	28.6	15.5		16.4		10.4	5.6	48.5	76.6	24.5	587.4	10	13.2
20	3	2000	0	8.0	23.7	12.3		16.9		17.6	4.7	65.8	99.6	18.9	453.2	9.9	13.1
21	3	2000	18.4	10.4	23.9	16.8		17.8		7	3.6	63.6	62.9	19.1	457.4	9.8	13.1
22	3	2000	0	1.9	15.4	8.4		14.5		16.3	3	68.5	76	21.8	523.6	11.4	15.4
23	3	2000	0	1.2	17.3	5		13.5		11.8	2.5	65	93	21.7	521.8	12.8	17.1
24	3	2000	0	2.7	19.6	5.8		13.3		12.1	3	77.5	35.2	10.6	254.2	12.7	16.7
25	3	2000	0	4.4	16.1	12.7		15.1		8.7	2.2	71	77.4	17.7	424.8	12.6	16.4
26	3	2000	0	2.7	17.3	8.1		14.1		14.2	2.3	71	88	28.5	683	12.5	16.1
27	3	2000	0	1.8	17.6	6		14.2		15.6	2.4	80	51.6	11.1	265.2	12.4	15.9
28	3	2000	0	3.4	18	8.8		15.6		15.6	3.2	76.9	33.4	7.7	185.1	12.2	15.8
29	3	2000	0.2	5.3	21.7	8.8		14.9		15.5	4.1	70.1	41.9	12	287.4	12.1	15.6
30	3	2000	0	8.0	22.2	13.7		16.2		14.6	2.8	62.7	57.1	17.7	425.4	11.8	15.4
31	3	2000	0	2.4	19.8	5		14.5		15.8	3.1	77.3	78.8	14.2	341.4	11.6	15.4
Average Monthly					21.2	9.4		16.4		15.6	3.7	70.6		16.2	384.6	9.6	13.4
Total Monthly			36.8	165.3						483.5	114.6				11921.4		
Maximum Monthly					28.8								125.2			12.8	17.1
Minimum Monthly						3.7										7.2	11.5
Avg Monthly Temp			15.3														

Awatere Dashwood Weather Station - Daily Summary at 0900 hours																	
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1	4	2000	0.4	9.6	25.4	13.8		15.5		12.6	5.6	71.1	61.3	15.6	375.4	11.4	15.2
2	4	2000	0.2	2.6	14.5	10.7		16.5		6.3	1.2	56.1	89.8	22.8	546.4	11.1	14.9
3	4	2000	0	1.8	17.3	6.3		14.4		14.5	3.2	82.3	34.1	10.2	245	10.9	14.8
4	4	2000	0	3.9	21.7	6.1		14.3		6.3	3.1	66.8	51.8	12.6	301.9	10.7	14.4
5	4	2000	1.6	6.3	24.1	8.5		14.5		12.2	4.5	71.2	69	18	431.7	10.6	14.3
6	4	2000	18.4	9.0	20.4	17.6		16.6		2.7	1	66	68.3	19.3	462.6	10.4	14.1
7	4	2000	5.8	6.5	21	11.9		16.3		9.1	2.3	86.1	73.2	12.8	306.5	10.8	14.7
8	4	2000	0	2.2	16.4	7.9		14.5		11.1	2	77.6	53.6	13.6	325.2	15.4	23.4
9	4	2000	19.8	1.5	14.1	8.9		13.3		5.8	1.7	72.9	59.8	19.5	468.4	15.2	21.6
10	4	2000	0.8	3.7	17.5	9.9		12.9		6.8	1.2	79.6	64	19.6	471.4	17.2	24
11	4	2000	0	3.4	15.7	11.1		14.1		5	1.4	85.4	56.6	13.9	334.6	20.7	26
12	4	2000	0	5.5	22.5	8.4		12.1		13.9	3.5	75.5	49.4	13.6	327.4	20.5	24.7
13	4	2000	0	3.9	20.6	7.1		12.8		13.6	3	75	46.6	13	311.4	20.3	24.1
14	4	2000	0	1.9	18.9	4.8		12		13.4	2.8	69.4	57.2	14.5	347.3	19.9	23.7
15	4	2000	0	2.1	20.4	3.8		11.7		13.2	3.6	73.6	66.7	8	192.1	19.5	23.3
16	4	2000	0	7.0	20.3	13.6		13		10.9	3.5	62.4	91	28.8	690.6	19.1	22.9
17	4	2000	0	6.8	23.6	10		12.7		12.9	4.7	58.6	89.9	24.6	591.4	18.6	22.5
18	4	2000	0	9.7	23	16.3		13.9		10.7	2.9	58.5	67.4	21	502.9	18.2	22.1
19	4	2000	8.6	7.6	22.2	13		14.9		9.6	2.3	75.2	58.3	12.1	289.8	17.8	21.6
20	4	2000	0.2	8.9	23.1	14.6		15.8		9.7	2.4	82.9	42.6	9.2	220.5	17.8	21.5
21	4	2000	0	3.5	15.1	11.9		15.5		6.6	1.2	80.6	45.7	10.3	247.5	18.3	21.7
22	4	2000	0.6	4.8	21.1	8.5		14.3		11.4	3.2	85.2	29.3	7	167	18.1	21.5
23	4	2000	2.4	3.5	15.2	11.8		14.2		4.3	1	66.2	45	13.3	318	17.9	21.3
24	4	2000	0	2.5	18	7		12.9		10.1	2.4	88.7	44.2	9.6	230.7	17.8	21.1
25	4	2000	0	1.6	16.1	7		12.4		9.9	2.5	71.7	40.1	9.4	225.2	17.7	21
26	4	2000	0	1.3	20.4	2.2		10.5		10.7	2.9	65.5	78.7	14	335.7	17.5	20.8
27	4	2000	0	0.8	17.3	4.3		10.7		9.6	1.7	75.4	48.2	10.3	248.1	17.3	21.1
28	4	2000	0	1.6	19	4.2		11.1		10.8	2.2	81.8	40	10.8	259.3	17.1	22
29	4	2000	0	2.3	19.5	5		10.8		10.1	3	76.8	36.2	8.5	204.8	17	22.6
30	4	2000	0	6.0	20.5	11.4		11.8		10.6	3.5	67.1	67.9	17.8	427.9	16.9	20.1
Average Monthly					19.5	9.3		13.5		9.8	2.7	73.5		14.5	346.9	16.4	20.6
Total Monthly			58.8	131.3						294.4	79.5				10406.7		
Maximum Monthly					25.4								91.0			20.7	26.0
Minimum Monthly						2.2										10.4	14.1
Avg Monthly Temp			14.4														

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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
1	5	2000	0	2.2	19.7	4.7		10.8		10.8	3.0	59.3	41.3	12.7	304.4	16.8	20.0
2	5	2000	0	0.0	19.4	0.6		9.8		10.5	2.6	71.5	43.8	10.5	252.1	16.7	19.8
3	5	2000	0	1.6	19.2	4.0		10.1		9.7	1.8	77.8	36.6	7.5	179.0	16.5	19.6
4	5	2000	0	1.7	19.6	3.8		10.9		8.3	3.0	81.9	30.2	6.7	160.4	16.4	19.4
5	5	2000	0	4.9	18.2	11.6		12.4		8.4	1.7	56.8	78.2	19.5	467.8	16.3	19.2
6	5	2000	0	3.5	19.2	7.7		12.1		6.1	2.4	82.4	37.0	8.1	193.3	16.1	19.0
7	5	2000	14.8	5.7	18.3	13.2		12.8		3.2	0.9	69.4	64.1	17.9	429.8	15.9	18.8
8	5	2000	0	0.0	12.3	7.1		11.9		9.6	1.7	80.9	55.4	17.0	406.9	18.8	21.4
9	5	2000	0	0.0	15.4	1.2		9.9		9.6	2.3	74.4	63.7	12.0	287.5	20.6	22.8
10	5	2000	0	1.7	19.3	4.0		9.6		9.3	2.4	58.3	65.9	18.8	452.2	20.2	22.5
11	5	2000	1.2	0.0	15.5	3.3		9.3		4.7	1.4	72.0	25.8	8.4	202.2	19.9	22.1
12	5	2000	8.4	0.2	13.0	7.4		10.9		1.5	0.5	78.5	47.2	8.7	207.7	19.6	22.0
13	5	2000	0	1.5	12.5	10.4		11.6		2.4	0.7	90.6	44.5	8.7	209.4	21.7	23.7
14	5	2000	0	1.3	15.7	6.8		10.5		8.6	1.9	85.5	43.3	13.7	327.9	22.9	24.4
15	5	2000	0	1.5	17.9	5.1		9.9		6.2	2.4	72.8	55.7	12.5	301.0	22.6	24.1
16	5	2000	0.2	2.8	16.6	9.1		10.7		8.0	2.0	69.7	88.4	17.6	422.3	22.3	23.8
17	5	2000	0	0.0	16.0	0.5		8.1		8.7	2.2	74.9	60.0	11.6	278.8	22.2	23.5
18	5	2000	0	0.0	18.5	1.2		7.8		7.4	2.7	67.8	34.7	8.5	204.1	22.2	23.3
19	5	2000	0	3.3	19.9	6.8		9.5		4.2	3.4	60.8	54.5	12.4	297.6	21.9	23.1
20	5	2000	0	2.9	17.2	8.6		9.5		4.2	1.7	58.9	95.9	22.4	538.0	21.3	22.8
21	5	2000	6.4	5.4	19.5	11.2		10.8		5.2	2.0	71.1	84.6	18.6	445.9	21.1	22.7
22	5	2000	0	0.0	16.1	1.3		9.2		7.6	2.3	80.0	50.5	13.6	326.3	22.1	23.0
23	5	2000	0	2.8	18.6	7.1		9.3		8.1	2.2	54.9	55.0	14.8	355.7	22.7	23.4
24	5	2000	0	0.0	17.1	2.7		8.3		7.9	1.6	77.2	28.1	7.5	179.0	22.5	23.1
25	5	2000	0	0.0	16.4	2.7		8.4		7.8	1.8	79.1	42.6	7.5	179.0	22.4	23.0
26	5	2000	0	0.0	16.7	1.3		8.1		7.8	2.1	72.3	37.8	9.3	223.5	22.3	22.9
27	5	2000	0	2.4	16.6	8.2		8.5		7.9	2.2	68.7	47.2	11.0	263.8	22.1	22.8
28	5	2000	0	2.3	16.5	8.2		8.7		7.4	2.2	64.6	54.2	16.7	400.0	21.7	22.5
29	5	2000	4.4	2.7	15.4	10.0		9.2		4.1	1.3	68.5	60.1	14.4	345.3	21.4	22.4
30	5	2000	4.4	3.3	15.4	11.3		10.8		3.4	1.1	79.1	46.7	14.6	351.5	21.1	22.2
31	5	2000	9.8	3.0	16.6	9.5		10.1		6.7	2.0	81.8	51.7	14.8	354.4	23.6	23.6
Average Monthly					17.0	6.1		10.0		6.9	2.0	72.3		12.8	308.0	20.4	22.2
Total Monthly			49.6	56.8						215.2	61.7				9546.5		
Maximum Monthly					19.9								95.9			23.6	24.4
Minimum Monthly						0.5										15.9	18.8
Avg Monthly Temp			11.6														

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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
1	6	2000	10	4.2	16.2	12.1		11.0		3.9	1.3	72.7	51.8	17.5	420.3	24.6	24.6
2	6	2000	0	0.0	6.8	8.5		10.1		0.3	0.1	76.7	64.1	18.0	432.7	27.2	28.7
3	6	2000	20.2	0.0	11.1	5.7	4.6	6.8	8.8	3.1	0.9	76.2	59.3	14.4	344.5	27.1	27.6
4	6	2000	0.4	0.0	10.0	6.8	7.1	7.8	9.5	1.8	1.0	80.7	70.4	15.5	372.1	30.4	35.9
5	6	2000	0	0.0	12.8	3.3	1.7	5.3	8.3	7.3	1.7	75.8	38.4	8.8	210.3	30.5	38.8
6	6	2000	0.2	0.0	10.4	1.4	-0.4	3.1	6.9	5.2	1.1	73.8	23.5	9.1	219.1	28.2	32.4
7	6	2000	0	0.0	11.0	2.7	0.7	3.5	6.9	5.3	1.1	79.3	18.8	7.2	173.8	28.3	30.1
8	6	2000	0	0.0	11.9	0.8	-1.5	2.5	6.0	4.9	0.9	74.7	38.6	10.9	262.5	28.1	28.8
9	6	2000	0	0.0	11.6	1.0	-0.5	2.6	6.1	6.9	1.6	82.7	24.0	7.8	186.5	27.9	27.8
10	6	2000	0.6	0.0	14.1	2.6	3.8	8.0	7.2	4.8	1.6	62.9	49.1	16.0	383.4	27.8	26.8
11	6	2000	0	0.0	12.0	5.3	9.0	8.0	7.5	5.7	1.7	63.1	69.5	22.8	546.3	27.6	26.2
12	6	2000	11.8	0.0	11.3	2.2	4.1	4.1	6.3	7.0	1.7	56.2	80.4	24.9	597.4	27.4	26.2
13	6	2000	0	0.0	8.5	2.0	0.9	2.6	6.4	6.4	1.4	67.8	71.3	17.9	429.9	30.3	34.7
14	6	2000	0	0.0	10.8	0.9	-1.0	2.9	5.2	6.6	1.4	67.9	32.8	14.6	349.9	31.6	40.2
15	6	2000	0	0.0	11.8	1.5	0.9	4.5	5.4	5.3	1.4	68.3	25.4	10.7	257.8	29.0	33.8
16	6	2000	0	0.0	12.9	1.4	1.2	5.2	5.5	6.7	2.4	71.6	30.6	7.7	183.8	28.8	30.7
17	6	2000	0	0.1	15.3	5.0	6.7	7.9	7.0	7.4	2.6	48.4	55.8	20.3	488.2	28.4	28.7
18	6	2000	0.2	1.2	14.6	7.8	12.2	10.6	8.5	6.6	2.3	50.0	98.2	31.1	746.6	27.9	27.0
19	6	2000	0	0.0	11.8	2.0	-0.1	3.2	7.0	6.9	1.7	64.3	92.3	23.9	572.7	27.5	26.3
20	6	2000	0	0.0	12.7	0.8	-0.8	2.5	6.0	6.6	1.3	63.9	38.3	12.7	303.7	27.4	26.3
21	6	2000	0	0.0	11.7	0.1	-1.8	1.8	5.6	6.1	1.3	72.3	21.6	9.6	230.2	27.3	26.1
22	6	2000	0	0.0	11.8	1.0	0.1	4.0	5.3	6.5	1.6	76.4	26.2	7.5	180.2	27.3	25.9
23	6	2000	0	0.0	14.0	4.0	8.5	7.4	6.8	6.5	1.9	62.1	50.0	17.8	427.3	27.1	25.7
24	6	2000	0	0.0	13.2	6.6	11.6	9.0	7.8	4.2	1.5	63.7	49.3	15.8	378.1	26.8	25.5
25	6	2000	1.2	1.8	14.6	9.1	12.1	10.7	9.3	3.7	1.2	70.2	45.7	13.6	326.3	26.6	25.3
26	6	2000	0.2	0.6	12.0	9.2	11.4	10.1	10.0	2.5	0.8	78.4	44.2	16.2	388.9	26.2	25.1
27	6	2000	0	0.0	10.9	6.9	5.9	8.4	9.4	3.1	0.9	85.0	38.6	11.1	267.2	26.3	25.1
28	6	2000	0.6	0.1	12.0	8.2	8.3	8.8	9.3	2.7	0.7	79.6	27.4	13.3	319.4	26.2	24.9
29	6	2000	1.6	0.9	13.0	8.8	9.5	10.2	10.0	2.5	0.9	86.5	25.9	8.8	210.3	26.2	24.9
30	6	2000	0	1.3	15.4	7.2	10.5	8.6	9.7	6.5	1.7	76.1	41.9	13.1	313.6	26.1	24.8
Average Monthly					12.2	4.5	4.5	6.4	7.4	5.1	1.4	70.9		14.6	350.8	27.7	28.5
Total Monthly			47.0	10.2						152.7	41.7				10523.1		
Maximum Monthly					16.2								98.2			31.6	40.2
Minimum Monthly						0.1	-1.8									24.6	24.6
Avg Monthly Temp			8.4														

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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
1	7	2000	0.0	0.0	11.4	5.2	2.3	6.8	9.2	3.5	0.8	76.6	40.2	8.9	214.7	26.1	24.8
2	7	2000	0.0	0.0	10.8	6.1	3.5	7.1	9.2	3.2	0.8	81.9	32.9	10.0	240.1	26.1	24.7
3	7	2000	2.8	0.0	9.4	6.4	7.0	7.1	8.9	3.3	0.8	79.9	53.5	21.1	505.2	26.1	24.6
4	7	2000	1.0	0.0	9.4	4.9	6.1	6.3	8.1	5.5	0.7	79.4	72.7	30.4	728.7	26.0	24.5
5	7	2000	7.6	0.0	9.1	3.8	3.0	5.1	7.5	3.5	0.7	83.0	65.5	17.7	425.9	26.2	24.5
6	7	2000	7.6	0.0	11.4	5.1	5.2	7.1	8.0	3.0	0.5	85.8	46.6	14.5	347.7	26.8	24.9
7	7	2000	2.6	0.0	10.9	7.1	7.2	8.2	9.0	2.4	0.6	89.5	31.2	12.6	303.4	33.4	40.9
8	7	2000	0.0	1.0	14.1	8.0	8.7	8.5	9.4	6.1	1.1	87.3	35.2	11.7	280.4	38.5	47.9
9	7	2000	0.0	0.0	12.1	5.0	4.7	6.9	8.6	4.7	0.9	81.1	29.3	11.1	265.9	34.7	44.6
10	7	2000	0.0	0.0	12.2	3.0	1.3	4.4	7.2	6.9	1.2	82.5	21.4	8.8	211.0	31.7	37.7
11	7	2000	0.0	0.0	13.1	3.6	2.6	5.2	7.4	7.1	1.4	76.5	39.8	9.6	231.4	30.8	34.7
12	7	2000	0.0	0.0	13.0	4.1	3.3	8.3	7.7	7.2	1.7	76.8	36.6	9.2	219.6	30.3	32.7
13	7	2000	0.0	0.0	12.2	4.7	8.1	6.6	7.8	7.5	2.0	68.1	43.3	14.4	345.4	29.9	31.4
14	7	2000	0.0	0.0	12.9	5.0	8.6	6.8	7.6	7.6	1.7	56.9	48.0	16.8	403.8	29.6	30.1
15	7	2000	0.0	0.0	11.8	1.4	-1.3	2.5	6.3	6.9	1.2	71.9	45.6	10.5	253.1	29.3	29.1
16	7	2000	0.0	0.0	10.0	2.4	1.8	5.6	6.2	3.6	1.1	76.8	28.1	9.8	234.1	28.8	28.4
17	7	2000	2.4	0.0	13.5	5.6	7.2	8.9	7.8	5.4	1.1	76.4	37.7	13.1	315.6	28.6	27.8
18	7	2000	0.0	0.6	12.9	8.4	8.1	9.2	9.1	3.1	0.6	84.3	21.1	7.9	189.4	28.0	27.3
19	7	2000	0.8	0.0	14.9	5.1	4.6	8.2	8.4	5.0	0.9	87.7	19.3	8.4	201.3	27.7	27.0
20	7	2000	2.8	1.1	15.7	6.5	5.8	9.6	8.9	4.3	0.8	87.0	18.0	5.1	122.9	27.6	26.7
21	7	2000	7.8	2.8	16.0	9.6	11.0	11.5	11.1	5.2	1.2	84.5	37.2	15.7	376.3	28.1	27.4
22	7	2000	0.8	2.5	16.7	8.3	11.3	10.7	10.2	8.7	1.8	81.1	44.3	14.0	334.9	30.3	35.4
23	7	2000	0.0	0.9	14.7	7.1	7.6	8.8	9.4	7.6	1.3	70.8	47.6	14.4	345.2	30.9	37.3
24	7	2000	0.2	0.0	13.1	3.0	0.6	4.8	6.8	9.2	1.8	80.5	36.0	10.6	255.2	30.1	33.7
25	7	2000	0.0	0.0	14.8	3.4	2.3	5.6	6.4	8.5	2.1	74.1	37.2	11.1	265.4	29.7	31.4
26	7	2000	0.0	0.3	15.0	5.6	7.2	8.1	8.6	6.1	2.6	58.2	48.6	15.0	359.8	29.4	30.1
27	7	2000	3.2	1.5	14.8	8.1	10.9	12.6	10.5	3.3	1.5	60.4	57.5	17.7	424.7	29.0	29.0
28	7	2000	0.0	0.6	13.8	7.4	10.0	8.3	9.0	9.9	2.2	65.9	92.9	23.1	554.4	29.2	28.9
29	7	2000	0.0	0.0	12.5	2.6	-0.7	4.7	6.4	9.9	1.5	65.9	65.8	19.8	475.2	29.1	28.5
30	7	2000	0.0	0.0	12.1	2.2	0.8	5.3	5.5	9.6	2.1	78.5	24.1	10.2	244.5	29.0	27.9
31	7	2000	0.0	0.0	13	3.0	1.4	4.6	5.8	8.9	2.2	57.2	56.5	15.3	366.5	28.7	27.5
Average Monthly					12.8	5.2	5.2	7.2	8.1	6.0	1.3	76.3		13.5	323.9	29.3	30.7
Total Monthly			39.6	11.3						186.9	41.0				10041.6		
Maximum Monthly					16.7								92.9			38.5	47.9
Minimum Monthly						1.4	-1.3									26.0	24.5
Avg Monthly Temp			9.0														

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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
2	8	2000	0	0.0	11.0	2.0	-1.6	2.7	5.6	9.0	1.5	81.4	24.7	8.2	196.4	28.4	27.0
3	8	2000	0	0.0	12.0	2.0	0.3	3.9	5.2	10.5	1.6	80.0	27.2	8.4	201.9	28.2	26.6
4	8	2000	0	0.0	13.2	2.5	0.9	5.1	5.6	10.5	1.9	69.3	31.8	11.7	280.4	28.0	26.5
5	8	2000	0	0.0	11.9	0.8	-2.4	3.7	4.7	9.3	1.3	63.6	52.2	15.0	360.1	27.8	26.2
6	8	2000	0	0.0	13.6	1.9	0.7	4.5	4.8	10.3	1.7	81.9	61.0	15.2	364.4	27.6	26.0
7	8	2000	0	0.0	13.6	3.4	1.0	6.8	6.6	8.4	1.5	78.0	20.4	8.3	199.2	27.4	25.9
8	8	2000	0	0.0	13.5	2.1	1.1	4.9	5.3	11.4	2.0	78.5	32.5	8.3	199.6	27.1	25.6
9	8	2000	0	0.0	16.6	0.8	-0.4	5.0	4.9	10.4	2.8	67.7	43.3	10.8	260.2	26.8	25.5
10	8	2000	0.4	0.0	14.9	5.2	7.3	8.1	7.3	6.2	1.8	52.9	55.8	19.9	477.8	26.6	25.2
11	8	2000	0	0.4	14.5	6.4	8.6	10.1	8.1	9.6	2.2	64.4	60.8	21.8	523.6	26.3	24.9
12	8	2000	0	0.0	14.2	2.6	3.1	7.0	6.6	10.7	2.4	63.7	88.4	22.8	548.1	25.9	24.7
13	8	2000	0	0.0	15.7	-0.2	-1.0	6.2	4.9	11.6	2.8	66.0	54.0	14.4	346.5	25.6	24.5
14	8	2000	0	0.0	15.7	1.4	0.7	6.2	5.2	11.4	2.1	67.9	70.4	17.3	414.4	25.1	24.1
15	8	2000	0	0.0	15.7	1.6	0.3	6.4	5.3	11.6	2.5	69.7	34.1	10.5	252.6	24.8	23.9
16	8	2000	0	0.0	14.2	4.6	7.7	8.9	6.5	6.9	2.1	57.5	76.1	21.2	509.0	24.4	23.8
17	8	2000	2.4	3.1	18.3	8.0	10.5	13.2	8.7	7.7	1.4	73.0	58.9	19.3	464.1	24.0	23.4
18	8	2000	9.2	0.0	10.9	9.1	9.3	9.3	9.6	1.5	0.5	78.6	70.9	14.8	354.3	23.6	23.2
19	8	2000	17.6	0.0	10.7	6.6	7.7	10.3	9.1	2.9	0.7	88.1	73.2	11.7	281.4	23.7	23.1
20	8	2000	0	0.9	15.5	6.3	6.4	10.0	8.5	10.1	1.5	83.8	93.6	32.4	778.6	34.2	41.0
21	8	2000	0.2	0.0	13.8	3.7	1.6	10.1	7.7	5.9	1.1	82.8	31.3	9.9	237.4	34.2	43.3
22	8	2000	0	0.0	12.6	5.2	4.8	6.7	7.9	8.0	1.3	80.4	36.5	14.6	350.4	31.4	36.7
23	8	2000	0	0.0	13.5	0.2	-2.0	5.4	5.4	9.2	1.8	79.0	37.2	13.0	311.1	30.6	33.7
24	8	2000	0	0.0	13.6	0.2	-2.2	5.8	4.9	11.0	1.9	74.0	24.7	9.7	232.7	30.2	31.9
25	8	2000	2.8	0.0	14.5	1.6	0.2	7.0	5.6	10.8	1.6	73.2	21.0	9.7	232.2	29.8	30.9
26	8	2000	15.2	0.0	10.9	6.9	6.7	8.0	8.0	2.8	0.4	76.9	30.6	10.1	242.0	29.4	29.9
27	8	2000	0.2	0.7	16.6	4.8	5.3	10.8	7.6	10.1	1.6	91.8	27.1	7.2	172.4	40.3	41.7
28	8	2000	0.8	1.8	16.2	7.4	6.5	9.6	9.4	8.9	1.1	83.5	26.8	10.1	242.1	45.5	45.5
29	8	2000	1.2	0.5	16.6	4.3	2.6	10.1	8.5	11.4	1.5	86.9	42.2	9.3	222.4	41.9	45.4
30	8	2000	2.2	0.1	11.7	8.6	8.2	9.5	10.0	3.8	0.5	85.1	30.2	11.1	267.2	37.4	44.0
31	8	2000	2.4	1.2	13.0	9.5	9.8	10.3	10.1	4.2	0.7	91.7	31.0	16.0	383.5	37.0	43.4
Average Monthly					14.0	4.0	3.4	7.5	6.9	8.5	1.6	75.7		13.8	330.2	29.8	30.6
Total Monthly			54.6	8.9						255.8	47.8				9905.9		
Maximum Monthly					18.3								93.6			45.5	45.5
Minimum Monthly						-0.2	-2.4									23.6	23.1
Avg Monthly Temp			9.0														

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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
1	9	2000	3.4	2.6	17.5	7.8	9.5	11.4	9.8	11.1	1.7	89.6	23.3	7.4	177.4	42.7	44.6
2	9	2000	2.2	0.1	13.6	6.7	5.5	9.7	9.7	5.1	0.8	83.6	26.3	7.4	177.2	38.2	43.2
3	9	2000	0.0	1.6	14.6	8.6	9.3	10.1	10.1	7.9	1.2	90.7	21.7	5.4	128.4	42.9	43.6
4	9	2000	2.2	1.2	16.2	6.1	5.4	9.6	9.0	10.6	1.5	85.0	32.8	11.4	273.4	38.7	42.8
5	9	2000	2.4	0.8	14.7	6.9	5.6	10.0	9.5	8.2	1.4	84.7	19.4	7.3	176.0	34.5	39.8
6	9	2000	6.6	1.2	17.3	5.1	3.9	11.3	8.8	9.7	2.3	83.5	47.6	10.3	247.4	40.5	42.0
7	9	2000	0.0	1.4	16.5	6.3	9.2	9.6	8.9	12.8	3.2	63.7	70.0	21.2	508.7	40.8	41.5
8	9	2000	5.6	1.8	17.0	6.6	8.2	9.6	9.2	8.2	2.3	57.7	75.0	23.0	551.3	37.8	41.0
9	9	2000	3.2	4.0	18.3	9.7	11.9	12.9	10.9	11.6	2.4	71.0	61.8	21.6	517.7	34.3	37.9
10	9	2000	0.4	1.6	16.5	6.7	7.9	11.1	10.3	10.5	1.8	68.3	61.2	21.0	505.1	42.2	43.3
11	9	2000	0.0	0.7	17.5	3.8	1.2	9.6	8.5	12.4	2.5	77.5	45.7	10.1	243.0	37.2	42.0
12	9	2000	0.0	1.8	16.1	7.4	5.5	9.5	9.5	11.3	1.6	71.3	42.4	10.6	253.7	33.2	36.5
13	9	2000	22.4	0.0	11.5	5.9	3.1	9.4	9.3	4.2	0.9	77.8	30.2	9.9	237.4	32.1	33.8
14	9	2000	0.0	0.0	12.9	7.1	5.6	9.0	9.3	11.2	1.2	87.2	44.4	11.1	267.2	41.0	41.2
15	9	2000	0.0	0.0	16.0	3.0	0.5	8.9	7.8	15.5	2.1	79.9	51.6	19.7	472.0	44.9	45.0
16	9	2000	0.0	0.1	17.8	2.4	-1.1	9.4	7.4	15.8	2.0	78.5	23.5	7.3	175.4	41.2	44.5
17	9	2000	0.0	1.6	19.2	4.0	2.1	11.2	8.1	16.2	3.0	80.5	21.4	7.0	167.8	34.8	39.2
18	9	2000	0.0	2.3	17.3	7.3	6.5	9.7	9.5	10.0	3.7	63.6	49.9	14.3	343.5	32.7	34.9
19	9	2000	0.0	5.2	20.7	9.7	12.2	12.9	10.9	13.6	4.7	50.9	81.1	30.7	735.6	31.6	32.3
20	9	2000	0.0	6.2	21.9	10.5	13.6	13.2	11.1	13.9	4.0	46.4	76.8	29.8	714.1		
21	9	2000	0.0	4.4	20.2	8.5	8.9	10.5	11.1	12.4	2.7	59.6	74.2	22.8	547.1		
22	9	2000	0.0	3.5	19.5	7.5	7.6	10.3	10.5	14.1	4.0	67.9	65.8	13.9	333.5		
23	9	2000	0.0	2.2	19.2	5.3	4.2	11.2	9.5	9.8	3.8	57.2	63.0	19.6	470.1		
24	9	2000	0.0	3.8	19.0	8.6	8.9	10.6	10.6	9.1	1.9	57.6	76.9	24.0	575.3	26.4	25.2
25	9	2000	0.6	0.0	10.7	6.3	4.9	7.4	9.8	6.2	1.6	75.0	54.8	14.2	341.9	25.7	24.7
26	9	2000	0.0	0.5	17.5	3.4	4.9	8.6	7.6	19.0	3.0	62.6	66.8	29.6	710.8	25.2	24.3
27	9	2000	0.0	0.3	19.7	0.9	-1.8	12.1	7.1	19.0	3.5	65.0	73.6	17.3	415.9	24.2	23.5
28	9	2000	0.0	1.7	20.5	2.8	1.3	12.9	8.2	17.8	3.6	69.0	42.2	10.0	240.3	23.4	22.9
29	9	2000	0.0	4.2	20.0	8.3	10.4	12.8	10.3	12.1	2.1	59.1	64.9	16.5	397.1	22.5	22.3
30	9	2000	1.6	6.7	23.2	10.2	12.4	14.7	11.9	14.1	2.9	75.9	66.0	22.4	538.6	21.7	21.8
Average Monthly					17.4	6.4	6.2	10.6	9.5	11.8	2.4	71.3		15.9	381.4	34.2	35.9
Total Monthly			50.6	61.4						353.7	73.1				11443.1		
Maximum Monthly					23.2								81.1			44.9	45.0
Minimum Monthly						0.9	-1.8									21.7	21.8
Avg Monthly Temp			11.9														

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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
1	10	2000	3.8	4.2	19.3	9.1	7.2	13.6	11.7	11.1	2.6	65.3	94.1	19.5	468.4	20.8	21.3
2	10	2000	0	5.7	20.7	10.6	14.3	18.0	13.8	17.3	4.0	73.8	109.9	20.5	491.7	20.3	21.0
3	10	2000	0	2.8	17.9	7.7	9.0	12.1	11.1	14.2	4.1	55.8	118.6	25.5	610.8	20.0	20.6
4	10	2000	3.2	1.5	15.7	7.3	8.4	15.2	10.6	19.3	3.5	51.6	95.2	25.0	599.8	19.3	20.3
5	10	2000	0	2.9	20.0	5.8	3.5	16.8	10.0	20.7	5.7	59.5	116.0	22.5	539.0	19.0	19.9
6	10	2000	7.8	6.6	21.5	11.6	13.0	16.3	11.6	17.5	4.6	48.5	133.2	40.3	968.3	18.1	18.8
7	10	2000	4.6	0.8	12.2	9.4	8.2	9.2	11.9	6.1	1.0	67.2	119.5	23.2	556.7	16.8	18.5
8	10	2000	3.8	3.3	19.7	6.8	6.2	10.9	10.7	14.3	3.1	83.2	73.8	14.7	353.4	17.0	18.4
9	10	2000	0	4.0	20.2	7.7	12.5	14.4	13.0	20.2	3.9	70.8	84.8	20.4	489.7	17.0	18.4
10	10	2000	0.8	1.1	18.7	3.4	3.1	15.3	11.2	19.4	3.8	74.8	100.3	15.6	374.2	17.0	18.4
11	10	2000	0.6	3.6	19.5	7.6	9.6	12.3	11.6	13.5	2.5	59.9	38.5	15.0	359.9	16.9	18.3
12	10	2000	0	0.4	15.2	5.5	6.1	10.4	10.8	9.8	3.1	67.1	64.0	19.6	470.9	16.8	18.3
13	10	2000	0	1.8	17.2	6.3	8.4	14.2	10.5	20.2	3.3	57.9	95.4	19.7	473.1	16.7	18.2
14	10	2000	0	2.9	19.5	6.3	0.3	15.2	9.6	17.5	4.0	75.7	66.6	16.2	389.3	16.2	17.9
15	10	2000	2	3.3	17.2	9.4	11.8	12.5	11.4	15.4	3.1	61.2	83.9	22.5	539.3	15.6	17.5
16	10	2000	0.8	4.0	17.9	10.0	10.4	16.6	11.7	22.2	4.9	68.3	78.0	24.6	589.7	15.2	17.2
17	10	2000	0.8	2.8	18.4	7.2	7.2	16.6	10.3	23.5	4.9	48.4	80.4	25.8	618.2	14.9	16.9
18	10	2000	0	0.0	13.3	3.2	2.5	14.2	10.7	24.1	3.5	56.9	68.9	19.1	457.4	14.3	16.3
19	10	2000	0	0.0	16.7	0.5	-0.6	15.3	9.3	20.8	4.0	68.4	78.2	20.1	482.6	13.9	15.9
20	10	2000	0	0.0	15.7	0.8	0.2	16.1	9.5	23.8	4.1	70.7	38.3	7.4	176.9	13.5	15.5
21	10	2000	0	0.6	17.0	4.3	1.4	17.8	10.7	23.5	3.4	75.9	47.8	8.4	202.3	13.2	15.2
22	10	2000	0	0.0	16.9	2.1	2.1	17.6	11.3	22.7	3.0	81.6	32.0	8.3	198.6	12.9	14.9
23	10	2000	0	1.0	17.4	4.5	4.4	18.5	13.0	22.2	3.0	83.5	37.3	7.5	179.1	12.7	14.6
24	10	2000	1.4	3.0	19.0	6.9	6.0	17.2	13.3	20.3	3.5	82.8	44.9	8.9	214.6	12.4	14.5
25	10	2000	0.4	5.3	20.6	10.0	8.9	20.3	13.9	18.1	3.6	82.0	41.9	10.1	242.8	12.3	14.2
26	10	2000	0	2.8	15.8	9.8	9.4	16.6	14.3	19.0	3.4	77.6	74.0	16.6	397.4	12.2	14.2
27	10	2000	0	4.4	22.9	5.8	6.6	20.4	13.5	25.1	7.1	72.3	55.0	13.0	311.3	12.0	14.0
28	10	2000	0	7.6	22.9	12.3	12.4	21.4	14.1	24.5	6.9	55.4	85.0	27.7	663.6	11.7	13.8
29	10	2000	0.2	6.7	22.7	10.7	12.5	20.3	15.5	18.5	5.4	64.3	86.8	17.4	418.0	11.4	13.5
30	10	2000	0	7.3	20.9	13.7	14.8	21.2	15.3	24.4	6.8	64.5	70.7	18.3	439.6	11.1	13.3
31	10	2000	0	5.0	22.4	7.6	10.5	20.0	14.6			58.7	83.9	20.5	491.0	10.9	13.1
Average Monthly					18.5	7.2	7.4	16.0	11.9	19.0	4.0	67.3		18.5	444.1	15.2	16.9
Total Monthly			30.2	94.7						569.0	119.8				13767.5		
Maximum Monthly					22.9								133.2			20.8	21.3
Minimum Monthly						0.5	-0.6									10.9	13.1
Avg Monthly Temp			12.9														

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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
NB: Max/Min temps were wrong. 1-16 from MRC station, 17-31 from another Awatere station																	
1	11	2000	0.2	5.2	15.5	14.8	12.5	15.6	12.2	1.7	1.1	82.0	52.4	10.3	246.5	10.7	13.0
2	11	2000	1.6	1.3	16.2	6.5	4.1	12.5	12.3	3.7	1.8	86.2	30.9	8.3	198.4	10.7	12.9
3	11	2000	0	3.3	18.9	7.7	7.1	11.4	12.3	3.0	2.7	78.3	45.3	21.2	508.7	10.8	12.9
4	11	2000	0	2.7	17.0	8.5	8.0	14.8	12.1	5.0	4.6	67.3	38.8	14.0	335.6	10.8	12.9
5	11	2000	2.4	8.4	27.9	9.0	8.7	20.2	12.9	3.6	2.8	65.9	33.2	14.7	353.5	10.7	12.9
6	11	2000	0.2	11.0	30.5	11.4	10.1	16.6	13.8	4.8	2.7	82.9	26.8	13.5	323.7	10.7	12.8
7	11	2000	0	10.0	30.5	9.6	9.5	17.5	14.4	3.2	2.7	84.0	45.0	9.6	229.9	10.6	12.8
8	11	2000	0.6	2.6	18.9	6.2	7.5	17.3	12.2	4.8	3.2	64.6	54.9	26.8	642.9	10.6	12.8
9	11	2000	0	3.4	23.4	3.4	1.4	11.6	11.3	6.0	4.3	70.8	67.0	22.0	526.8	10.4	12.6
10	11	2000	0	1.9	20.8	3.0	1.0	16.9	11.8	5.4	3.6	66.9	42.5	14.2	340.5	10.5	12.7
11	11	2000	0	4.2	21.1	7.4	5.6	15.6	13.4	6.2	4.2	68.4	54.5	21.4	513.7	10.5	12.7
12	11	2000	0	4.1	22.6	5.6	4.0	20.1	14.2	6.9	5.0	73.0	31.7	10.4	249.2	10.5	12.8
13	11	2000	0	5.2	24.7	5.6	5.1	22.6	14.4	6.7	5.0	71.8	32.6	13.2	316.3	10.5	12.8
14	11	2000	0	6.8	26.0	7.6	5.2	22.9	16.1	5.9	6.0	73.0	28.7	9.2	221.6	10.5	12.8
15	11	2000	0.4	10.8	31.0	10.6	9.3	12.8	16.4	4.1	3.3	72.6	41.1	14.5	347.7	10.5	12.9
16	11	2000	0	5.3	23.5	7.1	5.3	23.3	14.5	6.7	7.6	71.0	57.1	16.3	391.4	10.3	12.7
17	11	2000	5	9.6	28.9	10.2	11.2	24.0	16.7	3.0	2.1	50.2	42.6	12.8	308.0	10.4	12.8
18	11	2000	2.6	7.5	24.2	10.7	5.7	18.4	13.7	6.2	6.5	84.1	47.7	13.0	312.9	10.3	12.7
19	11	2000	0	9.6	31.2	7.9	2.2	16.9	13.1	5.8	5.9	67.6	67.4	16.7	400.5	10.3	12.7
20	11	2000	0	8.0	26.2	9.7	6.9	21.6	12.9	5.9	9.2	61.1	74.2	22.9	549.1	10.4	12.7
21	11	2000	0	13.0	32.7	13.3	13.3	26.5	14.9	6.3	10.0	44.0	72.1	38.3	918.5	10.4	12.7
22	11	2000	0	11.4	33.4	9.3	7.3	29.1	15.6	7.1	11.4	50.6	56.4	16.3	391.3	10.5	12.8
23	11	2000		11.6	34.8	8.4	7.2	30.5	15.7			43.0	62.7	25.2	605.6	10.5	12.8
Logger Faulty, giving eronious readings																	
										3.7	4.9						
29	11	2000	0.4	11.8	32.1	11.5	9.1	13.1	15.6	3.1	3.7	70.2	45.8	18.3	439.7	10.2	12.7
30	11	2000	0	6.7	26.5	6.9	5.2	26.2	13.9	6.5	6.5	70.9	51.8	18.6	447.2	10.0	12.5
Average Monthly					25.5	8.5	6.9	19.1	13.9	5.0	4.8	68.8		16.9	404.8	10.5	12.8
Total Monthly			13.4	175.2						118.8	114.3				10119.0		
Maximum Monthly					34.8								74.2			10.8	13.0
Minimum Monthly						3.0	1.0									10.0	12.5
Avg Monthly Temp			17.0														

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 Mean	Max Wind Speed km/hr	Avg Wind Speed km/hr	Daily Wind Run km	Soil Moisture 0-200mm %	Soil Moisture 200-400mm %
1	12	2000	0	0.0		13.1	10.2	22.7	17.7	5.2	6.9	65.2	54.5	19.3	464.0	10.3	12.7
2	12	2000	2.4	0.0		16.3	13.8	23.2	17.9	5.1	7.7	70.4	60.9	20.5	492.8	10.2	12.7
3	12	2000	0.2	0.0		14.5	11.9	16.6	18.0	3.1	3.1	78.4	38.9	13.2	317.8	10.1	12.6
4	12	2000		5.4	21.3	9.5	3.9	28.2	14.9		3.1						
5	12	2000	Datalogger reprogrammed with basic sensors									78.4	38.9	13.2	317.8		
6	12	2000	0	7.5	27.0	8.0						46.2	51.6	12.4	298.5		
7	12	2000	0	12.5	28.9	16.2						41.5	66.8	25.8	618.0		
8	12	2000	0	5.7	18.6	12.8						69.4	48.4	15.8	380.3		
9	12	2000	0	6.4	21.1	11.7						75.6	44.4	15.1	363.2		
10	12	2000	0	6.5	24.9	8.2						73.0	44.2	11.7	280.5		
11	12	2000	1.2	7.4	21.0	13.7						74.0	42.7	10.6	255.4		
12	12	2000	1.2	7.3	23.9	10.8						77.2	33.0	9.6	231.2		
13	12	2000	0	8.5	26.3	10.6						62.1	35.8	11.5	275.7		
14	12	2000	0	14.7	33.9	15.6						54.5	47.9	16.2	388.9		
15	12	2000	0	8.2	22.5	13.8						76.6	49.0	9.9	238.8		
16	12	2000	0	9.0	24.4	13.7						79.7	28.8	8.9	213.0		
17	12	2000	0	7.5	21.1	13.8						75.8	30.6	11.7	280.9		
18	12	2000	0	10.5	27.0	14.0						77.4	37.6	8.8	212.0		
19	12	2000	0	12.5	28.6	16.4						44.2	52.3	18.1	435.2		
20	12	2000	0	13.2	30.7	15.6						48.9	50.2	20.7	497.5		
21	12	2000	0	14.1	28.1	20.1						35.5	91.4	31.0	744.4		
22	12	2000	0	3.4	19.3	7.5						59.1	72.8	16.3	392.3		
23	12	2000	0	7.4	23.9	11.0						59.1	79.0	16.3	390.0		
24	12	2000	0	13.5	32.7	14.3						56.6	88.1	24.5	587.4		
25	12	2000	0	13.8	29.6	17.9						40.0	91.1	33.0	792.0		
26	12	2000	0	13.1	30.2	15.9						30.3	86.8	23.9	573.7		
27	12	2000	0	13.5	29.7	17.4						32.6	66.8	25.0	600.0		
28	12	2000	0.4	13.0	27.6	18.5						62.7	63.5	25.0	600.3		
29	12	2000	1.2	12.9	28.4	17.3						63.1	52.7	16.8	404.2		
30	12	2000	0.2	10.2	24.5	15.9						43.9	86.3	25.6	614.8		
31	12	2000	0.4	7.8	23.2	12.3						41.6	71.2	27.0	647.8		
Average Monthly					25.9	13.9						59.6		17.9	430.3		
Total Monthly			7.2	265.3											12908.6		
Maximum Monthly					33.9								91.4				
Minimum Monthly						7.5											
Avg Monthly Temp			19.9														