

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	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	Mean	km/hr	km/hr	km	%	%
1	11	2001	2.6	6.1	19.5	12.7	11.3	14.6	14.9	23.5	4.2	76.3	48.2	18.5	444.8	31.0	31.5
2	11	2001	0.6	3.7	19.4	8.0	8.5	13.7	14.6	21.1	3.4	63.7	74.0	19.5	468.4	31.4	31.9
3	11	2001	12.2	3.6	18.5	8.7	8.1	14.0	14.8	18.5	2.4	59.5	42.0	14.8	355.4	30.4	30.9
4	11	2001	0.0	0.1	14.3	5.8	7.4	13.3	14.4	24.6	2.4	79.5	46.2	15.0	359.2	31.6	32.6
5	11	2001	0.0	0.0	15.4	-0.3	3.8	11.4	13.5	19.8	2.2	75.2	66.4	21.7	521.5	32.2	33.4
6	11	2001	0.4	6.1	17.1	15.2				20.5	2.4	76.2	29.9	13.3	318.8	31.3	32.1
7	11	2001	1.2	1.6	16.8	6.4		14.2	15.1	10.9	1.0	80.3	29.0	13.6	325.3	30.2	31.0
8	11	2001	0.2	6.8	23.3	10.3	11.0	15.3	14.6	23.1	3.3	93.1	27.1	9.5	229.0	29.8	30.5
9	11	2001	0.0	3.9	16.7	11.1	11.4	16.2	16.1	9.3	1.5	81.9	29.8	12.5	299.0	28.8	29.7
10	11	2001	0.2	4.8	20.4	9.2	8.2	15.4	15.6	16.9	3.5	85.7	25.0	8.2	195.7	28.2	28.7
11	11	2001	0.2	9.7	26.2	13.2	10.5	16.0	15.6	24.1	5.0	70.2	48.5	17.8	426.3	27.3	28.2
12	11	2001	1.0	5.7	20.1	11.4	12.0	17.5	16.7	20.3	2.4	72.2	30.8	12.0	289.1	25.7	27.2
13	11	2001	2.4	4.1	17.7	10.5	10.7	16.8	17.1	9.3	1.6	83.5	34.2	11.8	282.9	24.7	26.4
14	11	2001	33.8	3.4	15.2	11.6	8.6	15.4	16.4	8.4	1.4	81.1	40.6	12.4	297.8	24.4	26.0
15	11	2001	0.2	1.0	16.5	5.4	3.6	13.9	15.1	22.3	2.6	82.4	53.3	16.6	398.2	37.0	43.9
16	11	2001	0	5.5	21.9	9.2	7.7	14.5	15.2	26.7	5.0	73.8	53.7	15.1	361.6	34.2	39.7
17	11	2001	1.4	1.2	14.8	7.7	5.0	15.1	15.7	25.8	2.6	54.7	51.4	20.1	482.6	32.3	34.6
18	11	2001	0	3.1	19.6	6.6	6.2	14.4	15.4	22.9	4.5	76.3	52.7	16.7	401.6	31.1	32.4
19	11	2001	0	6.1	20.3	11.8	9.5	15.1	15.7	18.3	4.0	55.7	51.7	20.9	502.3	29.4	30.9
20	11	2001	1.8	4.3	16.5	12.0	13.4	16.1	16.0	3.9	1.3	65.8	65.4	22.1	530.6	27.7	29.0
21	11	2001	13.8	3.8	16.9	10.8	11.6	15.2	15.5	5.7	0.8	81.8	42.1	12.9	310.5	27.1	28.4
22	11	2001	21.2	2.6	13.9	11.2	12.3	15.2	15.6	4.8	0.6	93.4	22.1	6.5	156.4	27.2	28.2
23	11	2001	10.4	1.2	13.2	9.3	9.6	14.1	15.1	8.5	1.2	92.1	36.6	13.0	312.9	45.4	48.6
24	11	2001	1.4	0.9	14.6	7.3	7.1	13.0	14.1	27.2	2.5	82.6	38.9	18.4	442.8	48.5	51.2
25	11	2001	0	0.7	14.4	6.9	6.9	14.3	14.7	20.4	2.9	76.7	51.1	23.5	563.2	39.0	47.1
26	11	2001	0.8	1.6	21.4	1.7	1.5	13.1	14.4	29.5	4.4	74.4	32.0	10.9	262.3	35.5	39.9
27	11	2001	0	6.0	18.8	13.2	12.6	15.5	15.3	13.7	3.0	70.0	47.0	17.9	428.5	33.7	35.4
28	11	2001	0	7.7	21.5	13.9	11.9	15.4	15.7	11.7	3.1	68.8	41.2	17.7	424.6	32.4	33.3
29	11	2001	0	8.9	23.1	14.8	12.7	16.2	15.5	20.4	4.9	71.5	47.0	20.2	484.7	31.5	32.2
30	11	2001	0	11.4	26.6	16.3	14.1	17.6	16.5	27.1	5.9	64.5	39.5	16.8	403.8	29.4	30.7
Average Monthly															376.0	31.6	33.5
Total Monthly															11279.6		
Maximum Monthly																74.0	51.2
Minimum Monthly																24.4	26.0
Avg Monthly Temp																	

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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	Penman ET	RH		Max Wind Speed		Avg Wind Speed		Daily Wind Run		Soil Moisture	
												Mean	Daily	km/hr	km/hr	km/hr	km/hr	km	km	0-200mm	200-400mm
1	12	2001	0.2	12.1	25.7	18.4	16.3	20.2	17.9	19.9	4.4	68.0	32.0	12.9	310.0	27.6	28.7				
2	12	2001	0.2	11.7	24.8	18.6	17.5	20.4	18.7	18.8	3.4	76.5	39.1	16.5	395.5	26.0	27.5				
3	12	2001	0	11.5	25.1	17.9	16.5	20.1	18.8	20.1	4.4	78.0	39.5	16.6	397.6	25.0	26.6				
4	12	2001	4.2	10.7	23.7	17.7	15.5	20.4	19.1	9.1	3.1	74.0	46.0	18.8	451.1	23.7	25.6				
5	12	2001	0	6.3	21.2	11.5	13.3	18.3	18.7	13.1	2.0	78.5	44.9	16.9	406.0	24.0	24.8				
6	12	2001	1	7.5	22.8	12.3	13.7	18.6	18.1	21.7	3.4	83.0	47.2	13.1	313.9	25.0	24.5				
7	12	2001	0	8.1	21.9	14.4	12.9	18.8	18.4	19.1	3.8	77.7	56.1	21.4	513.9	22.2	24.1				
8	12	2001	1.4	7.8	20.7	15.0	12.9	18.1	18.4	11.7	1.8	71.5	46.3	19.8	476.1	21.6	23.6				
9	12	2001	10.6	0.2	11.3	9.2	10.4	16.3	17.8	7.7	0.9	83.2	54.7	23.0	552.3	21.1	23.0				
10	12	2001	0	3.6	20.0	7.1	8.3	14.7	16.3	28.4	3.7	85.9	45.0	15.9	381.8	21.5	22.9				
11	12	2001	4	5.7	20.2	11.2	11.4	17.1	17.0	27.2	4.4	70.4	55.6	14.3	343.4	21.6	22.9				
12	12	2001	0.2	8.4	23.6	13.1	11.4	17.0	17.2	30.8	6.4	68.5	64.0	25.2	605.8	21.3	22.5				
13	12	2001	0	4.4	19.5	9.3	9.8	17.2	17.5	17.3	3.4	57.6	58.9	20.4	488.9	20.9	22.1				
14	12	2001	0	4.0	22.0	6.0	7.7	16.3	17.0	31.3	5.3	75.8	36.0	9.9	236.6	20.6	21.9				
15	12	2001	0	7.8	23.4	12.3	10.9	18.3	17.8	30.3	5.6	64.8	39.6	15.1	362.6	20.2	21.6				
16	12	2001	0	6.3	25.4	7.3	8.3	18.1	18.2	28.6	5.8	62.6	34.8	15.7	377.3	19.6	21.2				
17	12	2001	1.4	6.9	21.3	12.5	13.5	19.5	18.7	8.8	1.8	66.0	25.3	9.8	236.0	18.8	20.8				
18	12	2001	10.2	5.5	18.0	13.0	13.6	18.3	18.3	10.3	1.6	87.5	35.9	13.4	322.5	18.5	20.6				
19	12	2001	0	5.5	20.1	10.9	12.1	17.3	17.7	21.2	2.9	88.0	40.7	16.9	406.0	18.5	20.5				
20	12	2001	0	5.5	19.6	11.5	12.1	17.8	17.8	28.4	3.6	77.7	51.7	23.5	564.0	17.5	20.4				
21	12	2001	0	2.8	20.5	5.1	7.5	17.3	17.9	20.9	2.9	78.9	58.1	19.9	477.6	18.9	20.4				
22	12	2001	0.2	5.0	18.3	11.7	13.4	18.1	18.1	10.9	1.6	79.4	38.6	11.8	284.4	18.7	20.3				
23	12	2001	0	4.4	21.3	7.5	8.8	17.3	17.5	13.2	3.0	84.9	16.9	5.9	141.2	18.6	20.2				
24	12	2001	0	8.2	22.9	13.5	13.4	18.4	17.6	15.8	2.6	82.0	33.5	9.0	215.2	18.6	20.1				
25	12	2001	0	9.3	24.3	14.3	15.0	19.0	18.0	29.0	4.9	83.8	26.8	6.9	164.7	18.4	20.1				
26	12	2001	6.6	8.0	26.7	9.3	10.2	18.9	18.6	25.7	6.3	75.3	30.2	10.2	245.6	18.2	19.9				
27	12	2001	5.2	9.2	22.8	15.7	14.8	18.5	19.0	15.3	2.9	65.4	63.0	20.2	485.1	17.8	19.6				
28	12	2001	0	7.6	23.3	11.9	12.3	18.4	18.5	29.7	7.7	72.0	27.1	10.4	250.6	18.9	19.8				
29	12	2001	0	8.5	22.4	14.5	11.7	17.6	18.2	29.6	7.5	44.7	60.7	30.8	739.3	18.7	19.7				
30	12	2001	0	7.8	23.2	12.3	9.4	17.1	18.0	28.8	6.4	41.3	65.4	35.0	840.6	18.2	19.6				
31	12	2001	0	5.4	24.3	6.6	7.0	17.9	18.2	31.8	7.2	60.9	37.1	10.6	253.8	17.8	19.4				
Average Monthly																					
Total Monthly																					
Maximum Monthly																					
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Avg Monthly Temp																					
17.0																					
21.9																					
12.0																					
18.1																					
18.0																					
21.1																					
4.0																					
73.2																					
394.8																					
20.6																					
22.1																					
45.4																					
215.7																					
12239.2																					
26.7																					
65.4																					
27.6																					
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