

Vegetable Research Farm, New York State Agricultural Experiment Station, Geneva, N.Y.
Daily data for 24 hour period ending at 8.00 A.M. EST

Station number 3031840

June 2003

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi. Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Gm Cal/Cm2 Total	Diff				
1	93	57	43	50	98	83	90	23	74	69	105	0	98	112
2	94	59	43	51	88	39	63	120	344	189	3	0	75	108
3	95	68	46	57	82	37	59	209	591	225	0	0	32	243
4	96	66	50	58	94	44	69	139	323	264	T	0	7	234
5	97	65	53	59	97	66	81	82	292	264	12	0	15	130
6	98	63	53	58	94	69	81	83	300	234	T	0	17	102
7	99	74	55	64	91	47	69	185	624	151	4	0	9	155
8	100	64	58	61	96	83	89	36	138	115	5	0	20	95
9	101	78	57	67	94	50	72	175	624	175	8	0	25	294
10	102	72	51	61	93	45	69	173	489	222	0	0	43	213
11	103	73	56	64	94	53	73	219	539	210	10	0	19	217
12	104	76	54	65	96	66	81	111	306	257	7	0	26	146
13	105	65	56	60	100	80	90	38	186	173	15	0	3	38
14	106	73	63	68	96	91	93	*	339	200	30	0	13	42
15	107	72	58	65	97	65	81	74	729	105	T	0	25	100
16	108	71	46	58	88	30	59	188	730	88	0	0	24	252
17	109	74	54	64	94	33	63	210	661	123	0	0	14	387
18	110	77	57	67	96	38	67	202	181	103	3	0	49	303
19	111	70	55	62	99	70	84	*	205	167	1	0	4	106
20	112	67	50	58	91	77	84	78	362	243	T	0	12	82
21	113	65	53	59	97	59	78	101	245	202	55	0	18	187
22	114	66	55	60	98	71	84	51	552	271	8	0	4	83
23	115	78	61	69	76	48	62	292	663	191	0	0	36	229
24	116	85	57	71	88	31	59	385	691	125	0	0	25	309
25	117	87	63	75	83	26	54	415	652	193	0	0	5	297
26	118	90	67	78	82	42	62	475	620	211	0	0	22	351
27	119	91	67	79	87	37	62	427	523	323	0	0	10	428
28	120	74	56	65	79	38	58	269	586	172	0	0	19	312
29	121	82	61	71	79	34	56	380	421	219	0	0	8	394
30	122	75	40	57	92	0	46	267	657	215	40	0	15	98
Sums		2177	1638	1901	2739	1552	2138	5407	13647	5699	306	0	692	6047
Average		72.6	54.6	63.4	91.3	51.7	71.3	.193	454.9	190.0	.10	.0	23.1	.202

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		Soil Temperature F															
		Sod								Bare							
Mo. Day	Cl. Day	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	93	61	48	61	49	60	53	61	54	61	47	61	49	61	51	61	53
2	94	59	44	58	46	57	50	57	51	59	43	57	45	58	48	57	50
3	95	70	48	66	49	60	50	59	51	71	47	65	49	62	49	59	50
4	96	66	53	64	53	60	52	59	53	67	52	64	53	61	52	59	53
5	97	67	55	65	55	61	54	60	55	69	55	65	54	63	54	61	54
6	98	67	54	65	54	62	56	60	56	67	53	64	54	63	55	61	55
7	99	79	58	75	56	66	55	63	55	82	57	76	56	70	55	64	56
8	100	65	58	64	58	63	58	62	58	65	57	64	57	63	58	62	57
9	101	80	58	76	58	68	60	65	59	85	58	77	59	72	60	67	59
10	102	75	54	71	55	66	58	65	59	77	54	72	55	69	58	65	59
11	103	82	62	77	60	68	60	65	60	85	62	78	60	73	59	68	60
12	104	75	59	72	59	67	61	66	62	77	58	72	59	70	61	68	61
13	105	69	62	68	61	65	62	66	61	70	61	68	61	67	62	65	60
14	106	71	63	69	63	66	62	65	62	71	62	70	63	68	63	65	62
15	107	75	58	72	59	67	61	65	62	73	59	72	59	68	61	66	61
16	108	82	52	78	55	71	60	67	61	86	52	79	55	74	58	69	60
17	109	82	57	77	58	71	60	66	61	87	58	80	60	75	60	70	61
18	110	83	62	80	62	73	63	69	63	88	61	82	63	76	63	70	63
19	111	74	58	72	59	68	62	66	62	75	59	72	60	71	62	68	62
20	112	69	54	67	55	65	59	65	60	69	53	68	56	67	58	66	59
21	113	74	57	69	57	67	59	65	60	74	56	69	57	68	59	66	60
22	114	72	58	68	57	65	59	64	60	73	57	69	57	65	59	65	59
23	115	80	58	76	59	69	61	67	61	81	58	75	60	72	61	67	61
24	116	83	61	79	62	72	63	69	63	88	62	82	63	77	63	71	63
25	117	91	66	87	65	76	65	72	65	95	66	88	66	81	65	74	65
26	118	93	69	88	69	78	68	74	67	96	69	90	69	83	69	76	68
27	119	96	71	91	71	81	71	76	70	98	71	91	72	86	71	78	70
28	120	86	62	83	64	77	68	74	68	88	62	83	64	79	67	76	68
29	121	88	65	84	66	77	68	74	68	89	64	85	66	80	67	75	68
30	122	86	0	81	0	75	0	72	0	87	0	80	0	77	0	74	0
Sums		2300	1684	2203	1694	2041	1738	1978	1747	2353	1673	2218	1701	2119	1728	2013	1737
Averages		76.7	48.8	73.4	58.4	68.0	59.9	65.9	60.2	78.4	57.7	73.9	58.7	70.6	59.6	67.1	59.9

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	93	15	10		0
2	94	14	11		0
3	95	8	17		0
4	96	7	18		0
5	97	6	19		0
6	98	7	18		0
7	99	1	24		0
8	100	4	21		0
9	101	0	27		2
10	102	4	21		0
11	103	1	24		0
12	104	0	25		0
13	105	5	20		0
14	106	0	28		3
15	107	0	25		0
16	108	7	18		0
17	109	1	24		0
18	110	0	27		2
19	111	3	22		0
20	112	7	18		0
21	113	6	19		0
22	114	5	20		0
23	115	0	29		4
24	116	0	31		6
25	117	0	35		10
26	118	0	38		13
27	119	0	39		14
28	120	0	25		0
29	121	0	31		6
30	122	8	17		0

Sums for month 109 701 60

7468 Accumulated heating degree days since July 1
1398 Accumulated growing degree days since Jan. 1
64 Accumulated cooling degree days since Apr. 1