

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

May 2006

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	Max	Min	Avg	Max	Min	Avg	Thou	Gm Cal/Cm2	Hund	Tnth	1.5 Ft	Thou In	Evap
								In/Hg	Total	Diff	Ins	Ins		
1	62	71	37	54	78	18	48	265	636	109	0	0	0	0
2	63	72	38	55	85	13	49	280	594	181	0	0	0	0
3	64	64	40	52	98	27	62	136	585	163	0	0	0	0
4	65	68	43	55	88	41	64	154	559	312	0	0	0	0
5	66	78	48	63	85	41	63	225	405	273	1	0	0	0
6	67	66	46	56	91	42	66	151	490	285	0	0	0	0
7	68	52	33	42	96	48	72	95	321	240	6	0	0	0
8	69	62	39	50	89	22	55	162	658	322	0	0	0	0
9	70	71	44	57	83	22	52	263	601	290	0	0	0	0
10	71	70	45	57	88	30	59	211	561	142	0	0	0	0
11	72	74	49	61	85	30	57	277	592	106	0	0	0	0
12	73	68	38	53	100	62	81	86	271	198	91	0	0	0
13	74	69	50	59	99	42	70	118	615	122	T	0	0	0
14	75	70	50	60	97	50	73	87	511	249	T	0	0	0
15	76	63	46	54	96	65	80	75	379	277	0	0	0	0
16	77	61	45	53	99	69	84	37	241	215	36	0	0	0
17	78	60	49	54	95	64	79	70	239	211	3	0	0	0
18	79	66	50	58	95	57	76	128	377	237	0	0	0	91
19	80	66	39	52	97	55	76	70	323	245	10	0	137	173
20	81	58	47	52	96	63	79	69	202	163	T	0	93	100
21	82	56	41	48	93	56	74	105	204	187	2	0	124	65
22	83	56	37	46	93	56	74	66	378	228	3	0	152	105
23	84	50	39	44	78	56	67	91	240	218	0	0	109	96
24	85	61	44	52	78	40	59	163	401	223	0	0	129	278
25	86	72	47	59	81	23	52	248	661	110	0	0	73	182
26	87	71	54	62	99	42	70	187	280	208	4	0	127	149
27	88	70	58	64	100	81	90	20	212	184	51	0	6	35
28	89	65	48	56	100	86	93	12	222	177	4	0	47	132
29	90	80	58	69	98	49	73	148	610	155	0	0	36	176
30	91	89	60	74	100	54	77	190	583	239	0	0	50	256
31	92	93	65	79	90	43	66	258	573	233	0	0	40	242
Sums		2092	1427	1750	2850	1447	2140	4447	13524	6502	211	0	1123	2080
Average		67.5	46.0	56.5	91.9	46.7	69.0	.143	436.3	209.7	.07	.0	86.4	.160

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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	62	75	41	68	43	57	45	54	46	73	42	66	45	60	44	55	45
2	63	76	42	69	44	59	48	56	48	75	44	67	46	62	48	58	48
3	64	76	43	69	45	61	49	57	49	74	44	68	47	63	49	59	49
4	65	71	45	66	47	58	49	56	49	66	45	63	47	60	49	57	49
5	66	74	45	67	47	60	50	58	50	72	45	65	48	62	50	59	50
6	67	70	47	67	49	60	50	58	51	68	47	64	49	62	51	59	50
7	68	57	34	56	37	54	42	55	45	57	36	57	37	55	41	55	43
8	69	72	43	67	44	57	44	55	46	71	43	65	42	60	44	56	45
9	70	76	47	70	48	60	49	58	50	74	48	68	50	63	50	59	49
10	71	77	48	71	50	62	52	59	52	75	50	70	51	65	52	60	52
11	72	81	57	74	54	65	55	63	54	79	56	73	55	68	54	63	56
12	73	70	53	66	52	63	55	62	55	70	52	67	53	65	55	63	55
13	74	77	50	72	51	63	55	61	55	74	50	69	52	65	54	62	55
14	75	77	51	71	53	64	55	62	55	74	53	70	54	66	55	63	55
15	76	67	48	65	50	62	54	60	55	69	49	67	51	65	53	61	54
16	77	66	49	63	50	60	53	59	54	66	49	63	50	61	52	59	53
17	78	64	48	61	49	58	52	57	53	63	49	61	50	59	51	57	52
18	79	67	50	64	51	59	53	57	53	66	50	63	51	61	53	59	51
19	80	66	43	64	44	59	49	58	50	65	43	64	44	61	47	58	50
20	81	64	45	59	46	55	48	54	49	62	45	58	46	57	47	56	48
21	82	55	41	54	43	53	47	53	48	55	42	56	44	54	46	53	48
22	83	55	35	54	37	52	42	51	44	55	36	54	38	53	41	52	43
23	84	51	35	50	37	49	41	49	43	51	36	50	37	50	40	49	42
24	85	58	39	56	40	52	41	51	43	57	39	56	40	54	40	53	42
25	86	78	49	72	47	60	44	57	45	74	48	70	46	64	46	58	45
26	87	71	54	67	54	62	54	60	53	70	54	68	54	64	54	61	53
27	88	72	56	67	55	62	55	59	54	70	56	67	55	64	55	61	54
28	89	67	49	64	50	61	54	59	54	68	49	65	51	63	53	60	54
29	90	81	57	76	57	65	55	63	55	80	56	74	56	68	55	64	54
30	91	84	62	79	59	68	59	65	59	84	61	80	59	72	59	67	60
31	92	93	66	86	67	73	65	70	63	91	68	86	68	78	66	73	64
Sums		2188	1472	2054	1500	1853	1564	1796	1580	2148	1485	2034	1516	1924	1554	1829	1568
Averages		70.6	47.5	66.3	48.4	59.8	50.5	57.9	51.0	69.3	47.9	65.6	48.9	62.1	50.1	59.0	50.6

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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	62	11	14		0
2	63	10	15		0
3	64	13	12		0
4	65	10	15		0
5	66	2	23		0
6	67	9	16		0
7	68	23	2		0
8	69	15	10		0
9	70	8	17		0
10	71	8	17		0
11	72	4	21		0
12	73	12	13		0
13	74	6	19		0
14	75	5	20		0
15	76	11	14		0
16	77	12	13		0
17	78	11	14		0
18	79	7	18		0
19	80	13	12		0
20	81	13	12		0
21	82	17	8		0
22	83	19	6		0
23	84	21	4		0
24	85	13	12		0
25	86	6	19		0
26	87	3	22		0
27	88	1	24		0
28	89	9	16		0
29	90	0	29		4
30	91	0	34		9
31	92	0	39		14
Sums for month		292	510		27
6332	Accumulated heating degree days since July 1				
823	Accumulated growing degree days since Jan. 1				
27	Accumulated cooling degree days since Apr. 1				