

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 2004

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		Total	Diff				
1	62	81	57	69	84	24	54	291	330	189	0	0	0	0
2	63	81	52	66	98	46	72	154	422	282	9	0	0	0
3	64	79	39	59	97	56	76	60	585	153	87	0	0	0
4	65	49	34	41	85	51	68	78	348	221	0	0	0	0
5	66	54	35	44	91	28	59	134	585	157	8	0	0	0
6	67	59	37	48	94	55	74	70	603	163	11	0	0	0
7	68	74	40	57	97	23	60	171	218	166	25	0	0	0
8	69	60	38	49	84	37	60	146	216	195	T	0	0	0
9	70	53	45	49	98	30	64	81	469	210	31	0	0	0
10	71	63	48	55	97	73	85	45	604	123	T	0	0	0
11	72	83	61	72	96	43	69	248	516	235	4	0	0	131
12	73	78	54	66	84	28	56	287	458	281	0	0	0	297
13	74	82	58	70	92	48	70	213	196	351	0	0	0	172
14	75	86	64	75	93	42	67	212	90	84	2	0	0	192
15	76	82	61	71	94	65	79	114	459	241	40	0	0	204
16	77	69	47	58	99	81	90	28	641	165	21	0	0	51
17	78	69	44	56	98	58	78	70	384	258	0	0	0	138
18	79	79	48	63	91	40	65	214	666	147	0	0	0	239
19	80	77	51	64	92	60	76	138	506	260	7	0	0	223
20	81	67	46	56	96	42	69	138	345	244	0	0	0	195
21	82	75	53	64	99	64	81	98	290	228	16	0	0	237
22	83	66	53	59	96	73	84	63	185	170	5	0	0	185
23	84	70	56	63	99	79	89	59	454	143	51	0	0	121
24	85	65	55	60	100	89	94	13	241	211	66	0	0	121
25	86	81	52	66	99	48	73	119	457	246	57	0	0	202
26	87	66	53	59	99	66	82	47	579	192	14	0	0	193
27	88	72	49	60	98	59	78	85	483	218	4	0	0	138
28	89	78	53	65	99	37	68	118	715	87	69	0	0	264
29	90	69	41	55	90	47	68	106	695	100	T	0	0	245
30	91	62	39	50	93	30	61	167	132	116	0	0	89	253
31	92	68	48	58	89	34	61	216	599	177	0	0	37	198
Sums		2197	1511	1847	2921	1556	2230	3983	13471	6013	527	0	126	3999
Average		70.9	48.7	59.6	94.2	50.2	71.9	.128	434.5	194.0	.17	.0	4.1	.129

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		Soil Temperature F															
		Sod								Bare							
Mo.	Cl.	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
Day	Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	62	77	45	72	47	65	52	62	53	78	45	72	47	68	50	63	52
2	63	63	41	61	43	57	47	57	49	63	40	60	43	60	46	57	49
3	64	65	45	62	46	57	47	55	49	64	45	60	44	58	46	56	48
4	65	62	40	60	42	56	46	55	48	63	40	60	42	58	45	56	47
5	66	71	48	66	46	59	47	57	48	72	46	66	46	62	45	58	47
6	67	72	43	68	46	62	49	59	51	71	42	67	45	64	48	60	51
7	68	58	49	56	47	55	49	55	50	59	49	57	47	56	48	55	50
8	69	66	51	63	50	58	50	57	50	67	51	63	50	60	50	57	50
9	70	77	58	73	57	63	55	60	54	78	58	73	57	67	55	62	54
10	71	81	56	76	57	67	59	63	58	82	57	77	58	71	59	65	59
11	72	82	61	78	60	68	59	64	59	84	62	79	60	73	60	66	59
12	73	83	64	79	64	70	62	66	62	85	64	79	64	75	63	69	62
13	74	82	65	78	64	69	64	66	64	84	65	78	65	74	65	67	64
14	75	66	53	65	55	65	57	65	58	67	53	66	55	66	56	66	58
15	76	72	50	69	51	63	56	61	57	72	50	69	52	65	54	62	56
16	77	78	57	75	55	66	56	63	57	80	57	75	55	69	55	64	56
17	78	76	57	73	58	68	61	65	61	76	58	73	59	70	61	66	61
18	79	81	53	77	55	69	59	66	61	82	54	76	56	72	59	67	60
19	80	78	60	74	59	67	60	65	61	79	60	74	59	70	59	66	60
20	81	75	59	72	59	67	61	65	62	76	59	73	60	69	61	65	61
21	82	75	62	72	61	66	61	65	61	76	62	73	61	69	61	65	61
22	83	70	61	68	61	65	62	64	62	71	61	68	62	67	61	64	62
23	84	80	58	76	59	68	61	65	62	80	59	76	60	70	61	66	61
24	85	70	60	69	60	64	61	63	61	70	60	68	60	66	61	63	61
25	86	78	55	75	56	67	60	65	61	79	55	74	57	70	59	65	60
26	87	79	61	76	60	68	60	65	61	81	61	77	60	71	59	66	60
27	88	71	47	69	50	66	56	65	58	72	48	70	51	67	54	65	57
28	89	72	48	69	50	64	56	62	58	73	49	70	51	66	55	63	57
29	90	80	54	77	55	67	56	64	58	80	55	76	54	71	55	65	57
30	91	61	54	61	55	60	57	61	58	61	54	61	55	61	56	61	57
31	92	76	57	73	57	66	57	63	58	77	57	73	57	57	67	64	58
Sums		2277	1672	2182	1685	1992	1743	1928	1770	2302	1676	2183	1692	2062	1734	1954	1755
Averages		73.5	53.9	70.4	54.4	64.3	56.2	62.2	57.1	74.3	54.1	70.4	54.6	66.5	55.9	63.0	56.6

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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	0	29		4
2	63	0	26		1
3	64	6	19		0
4	65	24	1		0
5	66	21	4		0
6	67	17	8		0
7	68	8	17		0
8	69	16	9		0
9	70	16	9		0
10	71	10	15		0
11	72	0	32		7
12	73	0	26		1
13	74	0	30		5
14	75	0	35		10
15	76	0	31		6
16	77	7	18		0
17	78	9	16		0
18	79	2	23		0
19	80	1	24		0
20	81	9	16		0
21	82	1	24		0
22	83	6	19		0
23	84	2	23		0
24	85	5	20		0
25	86	0	26		1
26	87	6	19		0
27	88	5	20		0
28	89	0	25		0
29	90	10	15		0
30	91	15	10		0
31	92	7	18		0
Sums for month		203	607		35
6647	Accumulated heating degree days since July 1				
877	Accumulated growing degree days since Jan. 1				
40	Accumulated cooling degree days since Apr. 1				