

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

April 2007

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
		Max	Min	Avg	Max	Min	Avg	Thou In/Hg	Gm Cal/Cm2 Total	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	32	51	31	41	74	20	47	135	402	185	T	0	0	0
2	33	48	40	44	97	66	81	32	117	97	32	0	0	0
3	34	59	36	47	92	57	74	92	390	109	0	0	0	0
4	35	58	39	48	93	52	72	121	394	170	T	0	0	0
5	36	48	25	36	96	68	82	45	165	130	12	0	0	
6	37	28	21	24	94	48	71	32	276	234	1	0	0	
7	38	28	20	24	88	59	73	35	225	207	0	0	0	
8	39	30	21	25	94	50	72	34	279	230	0	0	0	
9	40	33	25	29	91	61	76	43	238	175	0	0	0	0
10	41	37	27	32	95	58	76	37	293	232	0	0	0	0
11	42	41	26	33	88	44	66	62	413	277	0	0	0	0
12	43	49	27	38	97	43	70	72	350	262	21	0	0	0
13	44	50	34	42	97	75	86	35	211	173	11	0	0	0
14	45	38	33	35	86	69	77	46	102	99	0	0	0	0
15	46	45	31	38	100	51	75	55	268	247	33	5	0	0
16	47	35	30	32	100	100	100	0	63	61	47	21	0	0
17	48	35	31	33	100	97	98	0	159	154	58	43	0	0
18	49	37	33	35	100	87	93	7	198	195	5	0	0	0
19	50	50	35	42	98	67	82	42	463	438	0	0	0	0
20	51	56	36	46	87	40	63	128	646	552	0	0	0	0
21	52	66	38	52	85	18	51	243	595	69	0	0	0	0
22	53	71	40	55	83	18	50	265	587	89	0	0	0	0
23	54	76	44	60	83	17	50	329	574	102	0	0	0	0
24	55	82	45	63	96	23	59	218	372	202	28	0	0	0
25	56	55	40	47	93	30	61	115	459	151	0	0	0	0
26	57	48	33	40	100	62	81	18	114	107	38	0	0	0
27	58	59	37	48	100	64	82	67	310	250	15	0	0	0
28	59	66	48	57	96	70	83	66	314	193	18	0	0	0
29	60	53	46	49	99	75	87	36	118	109	6	0	0	0
30	61	67	47	57	86	47	66	194	563	135	3	0	0	0
Sums		1499	1019	1252	2788	1636	2204	2604	9658	5634	328	69	0	0
Average		50.0	34.0	41.7	92.9	54.5	73.5	.087	321.9	187.8	.11	.2	.0	.000

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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	32	54	29	50	30	42	33	41	34	55	29	50	30	45	33	42	34
2	33	44	36	44	36	43	38	43	38	46	37	44	37	45	38	43	37
3	34	56	29	52	31	45	35	42	36	56	31	52	33	48	35	43	36
4	35	59	37	55	35	48	36	47	37	59	36	54	35	50	36	47	37
5	36	49	25	47	27	47	32	47	33	51	26	48	28	48	31	47	33
6	37	35	22	35	24	35	27	36	29	35	22	35	24	36	26	37	28
7	38	30	20	30	21	31	24	33	26	29	21	30	21	31	24	32	25
8	39	29	21	29	22	30	24	31	26	30	22	30	23	30	24	32	25
9	40	32	21	31	22	30	25	31	26	32	22	32	23	31	24	31	25
10	41	38	22	35	23	32	25	32	26	37	23	35	23	34	25	32	26
11	42	44	22	40	23	35	26	35	26	43	23	39	24	37	25	35	26
12	43	47	27	44	28	41	31	40	33	47	28	44	29	43	31	41	32
13	44	50	28	46	29	41	31	40	32	49	29	45	30	43	31	40	32
14	45	35	25	34	26	35	28	36	29	35	26	35	27	36	28	36	29
15	46	46	27	42	27	39	28	38	29	44	28	42	28	40	28	38	29
16	47	33	23	34	24	36	27	37	28	34	24	35	25	36	27	36	28
17	48	28	22	29	22	31	25	33	26	30	22	31	23	32	24	33	25
18	49	29	23	29	23	32	25	32	26	30	23	30	23	32	24	33	25
19	50	29	24	29	24	32	25	32	26	29	23	30	23	31	25	32	26
20	51	58	25	53	26	41	27	39	27	56	25	50	25	44	26	39	27
21	52	63	30	57	32	46	32	43	32	62	31	56	31	50	32	45	32
22	53	66	35	59	37	48	37	45	37	65	37	58	38	52	37	46	37
23	54	70	42	64	41	51	41	49	41	71	43	64	43	56	41	51	41
24	55	70	42	64	44	56	46	53	45	71	43	65	44	59	47	54	46
25	56	63	37	59	39	53	43	50	44	63	38	60	40	55	42	51	43
26	57	49	34	48	36	48	40	48	40	49	35	49	36	49	39	48	40
27	58	58	41	55	40	50	41	49	42	57	41	54	39	51	40	49	41
28	59	65	44	61	44	53	45	50	45	65	44	61	45	56	45	51	45
29	60	51	41	50	41	48	43	48	43	51	41	50	42	50	43	48	43
30	61	67	45	63	43	53	43	51	43	67	45	62	43	56	43	52	43
Sums		1447	899	1368	920	1252	983	1231	1005	1448	918	1370	935	1306	974	1244	996
Averages		48.2	30.0	45.6	30.7	41.7	32.8	41.0	33.5	48.3	30.6	45.7	31.2	43.5	32.5	41.5	33.2

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April

2007

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Cooling Degrees Base 65F
1	32	24	1	0
2	33	21	4	0
3	34	18	7	0
4	35	17	8	0
5	36	29	0	0
6	37	41	0	0
7	38	41	0	0
8	39	40	0	0
9	40	36	0	0
10	41	33	0	0
11	42	32	0	0
12	43	27	0	0
13	44	23	2	0
14	45	30	0	0
15	46	27	0	0
16	47	33	0	0
17	48	32	0	0
18	49	30	0	0
19	50	23	2	0
20	51	19	6	0
21	52	13	12	0
22	53	10	15	0
23	54	5	20	0
24	55	2	23	0
25	56	18	7	0
26	57	25	0	0
27	58	17	8	0
28	59	8	17	0
29	60	16	9	0
30	61	8	17	0
Sums for month		698	158	0

6518 Accumulated heating degree days since July 1

248 Accumulated growing degree days since Jan. 1

0 Accumulated cooling degree days since Apr. 1