

## 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

2008

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	In Evap	
1	32	54	37	45	97	83	90	30	237	221	8	0	0	
2	33	67	28	47	91	56	73	77	543	515	1	0	0	
3	34	39	22	30	87	27	57	73	530	492	0	0	0	
4	35	54	26	40	100	20	60	128	57	56	5	0	0	
5	36	44	34	39	100	95	97	0	413	175	31	0	0	
6	37	52	31	41	96	44	70	77	512	145	0	0	0	
7	38	60	35	47	87	38	62	122	433	246	0	0	0	
8	39	58	39	48	87	57	72	85	462	169	0	0	0	
9	40	65	44	54	87	53	70	121	323	187	0	0	0	
10	41	66	38	52	87	53	70	122	405	175	0	0	0	
11	42	54	38	46	100	46	73	81	120	101	33	0	0	
12	43	60	38	49	100	64	82	26	211	157	42	0	0	
13	44	58	33	45	100	56	78	61	388	240	3	0	0	
14	45	43	33	38	99	53	76	65	497	164	0	0	0	
15	46	47	32	39	76	37	56	108	563	80	0	0	0	
16	47	55	31	43	81	29	55	124	553	110	0	0	0	
17	48	65	35	50	56	16	36	309	552	99	0	0	0	
18	49	78	44	61	83	15	49	295	525	110	0	0	0	
19	50	77	48	62	88	36	62	233	521	133	0	0	0	
20	51	83	52	67	75	20	47	410	493	176	0	0	0	
21	52	76	51	63	93	39	66	174	538	143	0	0	0	
22	53	74	47	60	85	43	64	200	549	100	0	0	0	
23	54	75	53	64	87	29	58	277	352	184	0	0	0	
24	55	74	44	59	92	30	61	205	570	136	5	0	0	
25	56	64	40	52	86	20	53	203	367	225	0	0	0	
26	57	73	44	58	80	32	56	253	357	159	0	0	0	
27	58	81	43	62	100	48	74	109	474	201	118	0	0	
28	59	67	49	58	98	42	70	167	95	92	2	0	0	
29	60	53	37	45	99	80	89	21	548	142	18	0	0	
30	61	49	31	40	85	45	65	77	545	184	0	0	0	
Sums		1865	1157	1504	2682	1306	1991	4233	12733	5317	266	0	0	
Average		62.2	38.6	50.1	89.4	43.5	66.4	.141	424.4	177.2	.09	.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	56	25	50	26	41	30	39	31	55	26	49	28	44	30	39	31
2	33	44	22	41	24	35	27	34	28	43	23	40	25	37	27	34	28
3	34	50	28	45	29	38	32	38	33	49	28	43	29	39	31	37	32
4	35	41	28	39	28	37	30	37	31	41	29	39	29	38	30	37	31
5	36	56	26	50	28	40	31	37	31	54	27	49	29	43	31	38	31
6	37	58	39	52	38	45	40	43	41	56	39	51	39	47	40	43	40
7	38	61	43	56	42	47	42	45	41	60	43	55	42	50	42	45	41
8	39	59	32	54	34	48	38	46	39	59	33	53	36	50	38	46	39
9	40	62	36	56	36	47	38	45	39	61	37	55	37	49	38	46	39
10	41	52	39	49	40	46	42	46	42	51	40	49	40	48	42	46	42
11	42	53	33	50	34	46	38	46	39	52	33	49	35	47	37	45	39
12	43	50	29	47	30	42	34	41	35	49	30	46	31	44	34	41	35
13	44	55	27	50	29	43	34	41	36	52	27	48	30	44	33	41	35
14	45	60	28	54	30	45	34	42	35	59	30	53	31	48	33	43	35
15	46	64	36	58	36	47	39	45	39	64	38	57	36	51	38	45	39
16	47	67	40	61	41	51	43	47	42	68	42	62	43	56	44	49	43
17	48	73	44	68	45	54	46	51	45	72	46	66	47	59	47	52	46
18	49	74	52	70	50	57	50	54	49	74	52	68	51	62	51	56	50
19	50	73	49	71	50	59	53	56	53	73	50	69	52	63	53	57	53
20	51	76	47	72	49	60	53	56	53	75	49	71	51	65	53	58	53
21	52	76	51	72	52	60	54	57	55	75	53	70	54	64	55	58	55
22	53	72	42	68	44	60	49	57	50	71	43	67	45	63	48	58	50
23	54	72	42	69	44	58	49	55	50	72	43	67	46	62	49	56	50
24	55	71	50	67	49	57	51	55	52	70	50	65	50	60	51	56	52
25	56	76	43	72	45	61	50	58	51	76	43	71	46	65	49	59	51
26	57	71	50	67	50	59	51	56	52	70	51	66	50	62	51	57	52
27	58	55	36	54	38	54	42	54	44	55	36	54	38	54	41	54	44
28	59	57	28	55	32	50	39	48	41	56	30	53	33	51	37	48	41
29	60	57	30	54	33	49	39	47	40	59	31	55	34	51	38	48	40
30	61	61	41	56	39	50	41	49	44	61	40	56	39	52	40	49	43
Sums		1852	1116	1727	1145	1486	1239	1425	1261	1832	1142	1696	1176	1568	1231	1441	1260
Averages		61.7	37.2	57.6	38.2	49.5	41.3	47.5	42.0	61.1	38.1	56.5	39.2	52.3	41.0	48.0	42.0

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Cooling Degrees Base 65F
1	32	20	5	0
2	33	18	7	0
3	34	35	0	0
4	35	25	0	0
5	36	26	0	0
6	37	24	1	0
7	38	18	7	0
8	39	17	8	0
9	40	11	14	0
10	41	13	12	0
11	42	19	6	0
12	43	16	9	0
13	44	20	5	0
14	45	27	0	0
15	46	26	0	0
16	47	22	3	0
17	48	15	10	0
18	49	4	21	0
19	50	3	22	0
20	51	0	27	2
21	52	2	23	0
22	53	5	20	0
23	54	1	24	0
24	55	6	19	0
25	56	13	12	0
26	57	7	18	0
27	58	3	22	0
28	59	7	18	0
29	60	20	5	0
30	61	25	0	0
Sums for month		448	318	2

6197 Accumulated heating degree days since July 1  
361 Accumulated growing degree days since Jan. 1  
2 Accumulated cooling degree days since Apr. 1