

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 2006

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 Total	Cal/Cm2 Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	32	78	50	64	95	27	61	203	394	149	26	0	0	0
2	33	53	33	43	94	68	81	49	143	112	0	0	0	0
3	34	54	36	45	85	31	58	131	488	64	1	0	0	0
4	35	65	35	50	95	57	76	72	298	99	12	0	0	0
5	36	44	24	34	94	43	68	58	351	193	1	0	0	0
6	37	38	27	32	93	69	81	30	246	208	T	T	0	0
7	38	50	34	42	88	53	70	66	231	191	0	0	0	0
8	39	46	27	36	100	68	84	20	72	69	39	0	0	0
9	40	37	26	31	88	40	64	49	492	147	0	0	0	0
10	41	48	29	38	90	41	65	75	542	94	0	0	0	0
11	42	58	34	46	83	33	58	141	535	89	0	0	0	0
12	43	69	42	55	69	27	48	234	494	179	0	0	0	0
13	44	70	51	60	81	37	59	211	210	182	2	0	0	0
14	45	66	45	55	92	48	70	131	380	198	18	0	0	0
15	46	60	47	53	100	73	86	27	115	100	5	0	0	0
16	47	63	40	51	86	51	68	109	528	145	0	0	0	0
17	48	52	33	42	93	40	66	81	398	245	0	0	0	0
18	49	53	37	45	87	49	68	96	541	240	0	0	0	0
19	50	60	42	51	87	48	67	128	580	223	0	0	0	0
20	51	64	46	55	67	38	52	227	610	249	0	0	0	0
21	52	70	41	55	84	12	48	242	599	303	0	0	0	0
22	53	72	41	56	98	34	66	188	479	184	45	0	0	0
23	54	45	41	43	100	85	92	17	78	74	36	0	0	0
24	55	57	42	49	98	77	87	36	215	148	18	0	0	0
25	56	52	43	47	98	75	86	41	112	104	5	0	0	0
26	57	54	31	42	91	50	70	71	244	173	T	0	0	0
27	58	60	35	47	68	23	45	220	596	87	0	0	0	0
28	59	53	30	41	92	32	62	108	450	238	0	0	0	0
29	60	51	28	39	93	31	62	108	636	75	0	0	0	0
30	61	61	34	47	86	19	52	170	636	90	0	0	0	0
Sums		1703	1104	1394	2675	1379	2020	3339	11693	4652	208	0	0	0
Average		56.8	36.8	46.5	89.2	46.0	67.3	.111	389.8	155.1	.07	.0	.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	63	43	57	41	52	42	50	42	63	44	58	43	54	43	51	42
2	33	50	30	49	32	48	37	48	38	52	31	52	34	50	36	49	38
3	34	59	34	55	34	48	37	47	38	59	35	55	34	50	36	48	37
4	35	58	32	54	33	50	37	49	38	59	32	54	34	51	37	50	38
5	36	44	25	43	27	42	32	42	34	45	26	45	28	43	31	57	25
6	37	41	25	39	27	38	31	38	32	41	26	39	28	39	30	38	32
7	38	44	29	42	29	41	31	42	33	48	29	43	29	41	31	44	16
8	39	45	30	43	31	42	34	42	35	45	31	43	32	43	34	42	35
9	40	48	25	46	26	41	30	39	32	48	26	45	27	42	29	47	24
10	41	52	25	48	27	41	30	40	31	54	26	49	27	44	29	43	27
11	42	57	31	54	31	46	33	45	34	58	32	53	32	49	33	45	34
12	43	63	41	57	40	50	40	49	40	65	41	57	41	53	40	50	40
13	44	57	44	55	44	52	45	50	44	58	44	55	45	54	45	51	44
14	45	61	41	57	42	52	44	51	44	62	43	57	44	54	45	52	44
15	46	56	45	54	44	51	45	50	45	56	45	54	45	52	45	51	44
16	47	63	39	59	40	53	43	51	43	64	40	60	42	57	43	52	44
17	48	59	33	55	35	51	40	48	42	59	34	56	36	53	39	50	41
18	49	62	36	58	38	52	41	50	42	62	37	58	39	54	41	51	42
19	50	66	41	62	40	54	42	51	42	66	41	61	41	57	42	52	42
20	51	69	43	64	44	56	44	53	45	70	44	63	44	60	44	54	45
21	52	70	44	64	45	57	46	55	47	72	44	65	46	61	47	56	47
22	53	69	47	65	48	60	50	58	50	71	47	66	49	62	49	59	50
23	54	51	42	52	43	55	45	56	46	52	42	53	43	55	45	55	46
24	55	60	43	56	44	51	45	51	45	58	44	55	44	53	45	51	45
25	56	51	38	49	39	48	43	48	43	51	39	49	41	49	43	48	43
26	57	50	29	48	31	46	36	47	38	50	30	48	32	48	35	47	37
27	58	59	34	56	33	48	36	47	38	60	33	56	33	52	36	49	38
28	59	60	31	57	33	51	39	49	41	62	33	57	36	54	39	50	41
29	60	66	30	62	33	54	39	51	41	65	32	60	35	57	39	52	41
30	61	70	35	64	38	55	41	51	43	69	37	62	40	58	40	53	42
Sums		1723	1065	1624	1092	1485	1178	1448	1206	1744	1088	1628	1124	1549	1171	1497	1164
Averages		57.4	35.5	54.1	36.4	49.5	39.3	48.3	40.2	58.1	36.3	54.3	37.5	51.6	39.0	49.9	38.8

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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	32	1	24		0
2	33	22	3		0
3	34	20	5		0
4	35	15	10		0
5	36	31	0		0
6	37	33	0		0
7	38	23	2		0
8	39	29	0		0
9	40	34	0		0
10	41	27	0		0
11	42	19	6		0
12	43	10	15		0
13	44	5	20		0
14	45	10	15		0
15	46	12	13		0
16	47	14	11		0
17	48	23	2		0
18	49	20	5		0
19	50	14	11		0
20	51	10	15		0
21	52	10	15		0
22	53	9	16		0
23	54	22	3		0
24	55	16	9		0
25	56	18	7		0
26	57	23	2		0
27	58	18	7		0
28	59	24	1		0
29	60	26	0		0
30	61	18	7		0
Sums for month		556	224		0
6040	Accumulated heating degree days since July 1				
313	Accumulated growing degree days since Jan. 1				
0	Accumulated cooling degree days since Apr. 1				