

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

March

2013

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	1	38	29	33	100	100	100	0	225	203	1	0	0	
2	2	31	22	26	100	100	100	0	139	124	3	3	0	
3	3	25	19	22	100	100	100	0	168	150	0	2	0	
4	4	23	20	21	100	100	100	0	219	195	0	0	0	
5	5	28	21	24	100	100	100	0	218	198	0	0	0	
6	6	32	17	24	100	100	100	0	207	184	0	0	0	
7	7	39	28	33	100	100	100	0	175	158	0	0	0	
8	8	37	27	32	100	100	100	0	160	143	3	3	0	
9	9	38	27	32	100	100	100	0	371	334	0	0	0	
10	10	46	31	38	100	100	100	0	397	348	0	0	0	
11	11	57	38	47	100	100	100	0	221	199	0	0	0	
12	12	53	39	46	100	100	100	0	71	64	15	0	0	
13	13	43	30	36	100	0	50	0	110	99	5	0	0	
14	14	39	17	28	100	0	50	0	229	203	0	0	0	
15	15	31	18	24	100	32	66	4	381	349	0	0	0	
16	16	38	25	31	100	100	100	0	164	157	0	0	0	
17	17	29	19	24	100	100	100	0	164	160	0	0	0	
18	18	30	16	23	100	100	100	0	228	190	0	0	0	
19	19	33	20	26	100	86	93	0	154	146	22	15	0	
20	20	38	23	30	100	56	78	3	245	180	0	0	0	
21	21	33	19	26	100	43	71	3	253	169	0	0	0	
22	22	30	20	25	100	81	90	0	263	172	2	10	0	
23	23	30	25	27	100	100	100	0	186	179	1	2	0	
24	24	38	26	32	100	93	96	0	254	175	0	0	0	
25	25	37	27	32	100	94	97	0	262	225	0	0	0	
26	26	40	29	34	100	100	100	0	180	173	0	0	0	
27	27	45	31	38	100	94	97	0	270	210	0	0	0	
28	28	46	32	39	100	100	100	0	255	229	5	0	0	
29	29	44	32	38	100	100	100	0	196	191	0	0	0	
30	30	47	34	40	100	100	100	0	182	179	0	0	0	
31	31	51	33	42	100	71	85	1	451	68	0	0	0	
Sums		1169	794	973	3100	2650	2873	11	6998	5754	57	35	0	
Average		37.7	25.6	31.4	100.0	85.5	92.7	0.000	225.7	185.6	0.02	0.1	0.0	

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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	1	41	37	41	37	42	38	43	39	41	37	42	38	42	39	43	39
2	2	43	39	43	39	44	40	44	41	43	40	43	40	44	41	45	41
3	3	43	39	43	39	45	40	45	41	44	40	44	40	45	41	45	41
4	4	43	39	43	39	45	40	45	41	44	40	44	40	45	41	45	41
5	5	42	38	42	39	44	40	44	40	43	39	43	39	44	40	44	40
6	6	44	41	44	41	45	42	46	42	44	41	45	41	45	42	45	42
7	7	43	40	44	40	45	41	45	41	44	40	44	40	45	41	45	41
8	8	43	39	43	40	44	41	44	41	43	40	43	40	44	41	44	41
9	9	42	38	43	38	44	39	44	40	43	38	43	39	44	39	44	39
10	10	40	34	41	34	42	35	42	36	41	34	41	34	42	35	42	35
11	11	47	34	44	34	39	35	39	36	46	34	43	35	41	35	40	35
12	12	48	40	47	40	46	40	45	48	49	40	48	40	47	40	46	38
13	13	51	40	48	42	47	45	47	44	51	41	49	42	48	44	47	45
14	14	49	38	47	39	45	41	46	42	49	38	46	39	45	41	46	42
15	15	42	34	42	36	45	39	46	40	41	35	43	37	45	38	45	39
16	16	43	35	43	36	45	38	46	39	43	35	44	37	45	38	45	38
17	17	43	40	44	40	45	42	46	43	44	39	44	41	45	42	47	42
18	18	43	29	44	34	46	36	47	37	43	29	45	34	46	35	49	36
19	19	36	29	36	32	37	34	38	35	36	29	36	33	37	33	38	34
20	20	41	35	41	35	43	36	44	37	41	35	42	35	43	36	44	36
21	21	40	37	42	37	44	39	45	39	41	37	43	38	44	39	44	39
22	22	41	37	42	38	43	39	44	40	42	37	42	38	43	39	44	39
23	23	41	38	41	38	42	39	43	40	41	38	42	39	42	40	43	40
24	24	40	37	41	37	42	38	43	39	41	37	42	38	43	38	43	39
25	25	45	38	43	39	44	40	45	40	44	39	45	39	45	40	45	40
26	26	49	39	46	40	44	41	45	41	48	40	46	41	45	42	44	41
27	27	54	39	49	39	47	40	47	41	53	39	50	40	48	40	47	41
28	28	55	39	48	40	46	40	46	40	54	39	49	40	47	41	46	41
29	29	54	40	48	41	46	42	45	42	53	41	48	41	47	42	46	42
30	30	53	39	49	40	48	43	47	43	53	39	50	41	48	43	48	43
31	31	62	36	54	38	51	40	50	41	61	36	55	38	53	40	50	41
Sums		1401	1157	1366	1181	1375	1223	1386	1249	1404	1166	1384	1197	1387	1226	1389	1231
Averages		45.2	37.3	44.1	38.1	44.4	39.5	44.7	40.3	45.3	37.6	44.6	38.6	44.7	39.5	44.8	39.7

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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	1	32	0		0
2	2	39	0		0
3	3	43	0		0
4	4	44	0		0
5	5	41	0		0
6	6	41	0		0
7	7	32	0		0
8	8	33	0		0
9	9	33	0		0
10	10	27	0		0
11	11	18	7		0
12	12	19	6		0
13	13	29	0		0
14	14	37	0		0
15	15	41	0		0
16	16	34	0		0
17	17	41	0		0
18	18	42	0		0
19	19	39	0		0
20	20	35	0		0
21	21	39	0		0
22	22	40	0		0
23	23	38	0		0
24	24	33	0		0
25	25	33	0		0
26	26	31	0		0
27	27	27	0		0
28	28	26	0		0
29	29	27	0		0
30	30	25	0		0
31	31	23	2		0
Sums for month		1042	15		0

5711 Accumulated heating degree days since July 1

38 Accumulated growing degree days since Jan. 1

699 Accumulated cooling degree days since Apr. 1