

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

2011

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	1	55	21	38	100	77	88	2	114	106	T	0	0	0
2	2	40	23	31	79	54	66	7	307	267	0	0	0	0
3	3	38	6	22	100	51	75	3	280	168	0	0	0	0
4	4	26	10	18	71	42	56	5	342	97	0	0	0	0
5	5	40	26	33	93	51	72	7	168	118	3	0	0	0
6	6	49	28	38	100	78	89	2	91	91	36	7	0	0
7	7	28	19	23	100	83	91	0	88	8	34	0	0	0
8	8	31	14	22	99	56	77	2	353	139	0	0	0	0
9	9	35	17	26	92	51	71	5	360	78	0	0	0	0
10	10	39	31	35	98	52	75	5	110	105	2	0	0	0
11	11	48	37	42	100	82	91	2	103	98	16	0	0	0
12	12	45	30	37	100	61	80	3	197	155	5	10	0	0
13	13	46	33	39	91	52	71	5	119	110	0	0	0	0
14	14	37	28	32	100	84	92	1	76	72	2	5	0	0
15	15	35	26	30	97	70	83	2	147	136	0	0	0	0
16	16	49	28	38	100	49	74	6	348	139	17	0	0	0
17	17	48	29	38	100	84	92	1	128	116	2	0	0	0
18	18	63	32	47	95	48	71	15	361	138	0	0	0	0
19	19	59	32	45	94	43	68	9	339	123	0	0	0	0
20	20	37	21	29	98	59	78	3	220	180	0	0	0	0
21	21	49	21	35	100	39	69	8	365	126	33	0	0	0
22	22	56	35	45	100	83	91	2	68	65	5	0	0	0
23	23	41	25	33	94	66	80	5	114	110	T	0	0	0
24	24	27	20	23	100	90	95	0	98	98	44	52	0	0
25	25	33	18	25	90	52	71	4	426	125	0	0	0	0
26	26	29	15	22	89	53	71	3	358	202	0	0	0	0
27	27	29	17	23	91	52	71	4	427	172	0	0	0	0
28	28	31	19	25	78	39	58	5	479	61	0	0	0	0
29	29	35	20	27	78	40	59	6	469	73	0	0	0	0
30	30	43	24	33	90	49	69	6	381	149	0	0	0	0
31	31	46	27	36	100	47	73	6	387	155	16	0	0	0
Sums		1267	732	990	2917	1837	2367	134	7823	3780	215	74	0	0
Average		40.9	23.6	31.9	94.1	59.3	76.4	0.004	252.4	121.9	0.07	0.2	0.0	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	1	31	15	31	14	32	16	32	16	31	15	31	15	32	15	32	16
2	2	28	18	28	18	30	19	30	20	29	18	29	18	30	19	29	19
3	3	22	11	22	11	23	13	24	13	22	12	23	12	24	13	24	13
4	4	31	19	31	19	31	21	32	22	33	20	31	20	32	21	33	21
5	5	34	28	34	28	35	29	36	29	34	28	35	28	35	29	35	29
6	6	37	21	35	22	33	23	32	23	38	21	36	23	35	24	33	24
7	7	25	15	25	15	26	16	27	17	25	15	25	16	27	17	27	17
8	8	22	16	23	16	24	17	24	17	23	16	23	16	24	17	24	17
9	9	29	21	29	22	31	22	31	23	30	21	30	22	31	23	30	23
10	10	32	28	32	28	33	29	33	30	32	28	32	28	32	29	33	29
11	11	39	28	37	28	35	29	35	30	40	28	38	28	36	29	35	29
12	12	43	23	39	24	26	25	35	25	43	23	40	23	37	25	35	25
13	13	34	24	32	24	31	25	31	25	36	23	33	23	33	25	31	25
14	14	29	19	28	19	28	21	28	22	30	19	29	20	29	21	28	22
15	15	29	19	29	20	32	21	32	22	29	19	30	20	31	21	32	22
16	16	44	28	40	29	37	31	36	31	45	28	41	29	38	30	36	31
17	17	41	25	37	27	36	29	36	29	42	26	37	28	36	30	36	29
18	18	48	28	43	29	40	29	39	29	50	28	44	29	41	30	39	30
19	19	51	27	46	28	41	32	40	32	53	27	48	29	44	31	40	33
20	20	35	19	34	21	34	25	34	26	37	19	35	21	35	24	34	25
21	21	46	24	42	26	39	29	39	31	47	24	41	26	39	28	30	19
22	22	41	26	39	26	38	28	39	29	42	25	39	27	38	28	38	29
23	23	32	25	32	26	33	28	33	28	33	26	33	26	33	28	33	28
24	24	29	22	29	23	31	24	33	24	28	21	29	22	31	23	34	24
25	25	24	19	25	20	26	22	27	23	23	20	24	20	25	22	26	23
26	26	23	17	24	18	25	20	26	21	23	18	24	18	25	20	26	20
27	27	22	17	23	17	24	19	25	20	22	17	23	18	24	19	26	21
28	28	23	18	23	18	24	20	25	21	23	18	23	19	24	20	25	21
29	29	25	18	27	19	26	21	27	21	24	17	25	20	26	21	27	22
30	30	30	19	29	19	27	22	28	22	33	20	29	20	28	22	28	22
31	31	46	22	41	23	35	24	33	25	49	23	42	23	39	24	34	25
Sums		1025	659	989	677	966	729	982	746	1049	663	1002	687	994	728	973	733
Averages		33.1	21.3	31.9	21.8	31.2	23.5	31.7	24.1	33.8	21.4	32.3	22.2	32.1	23.5	31.4	23.6

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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	1	27	0		0
2	2	34	0		0
3	3	43	0		0
4	4	47	0		0
5	5	32	0		0
6	6	27	0		0
7	7	42	0		0
8	8	43	0		0
9	9	39	0		0
10	10	30	0		0
11	11	23	2		0
12	12	28	0		0
13	13	26	0		0
14	14	33	0		0
15	15	35	0		0
16	16	27	0		0
17	17	27	0		0
18	18	18	7		0
19	19	20	5		0
20	20	36	0		0
21	21	30	0		0
22	22	20	5		0
23	23	32	0		0
24	24	42	0		0
25	25	40	0		0
26	26	43	0		0
27	27	42	0		0
28	28	40	0		0
29	29	38	0		0
30	30	32	0		0
31	31	29	0		0
Sums for month		1025	19		0

5477 Accumulated heating degree days since July 1

28 Accumulated growing degree days since Jan. 1

667 Accumulated cooling degree days since Apr. 1