

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

2009

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	17	10	13	94	73	83	12	277	173	0	0	0	
2	2	24	13	18	93	47	70	30	243	122	0	0	0	
3	3	15	8	11	86	51	68	24	179	162	T	T	0	
4	4	21	9	15	88	41	64	30	342	122	0	0	0	
5	5	32	16	24	81	41	61	51	368	209	0	0	0	
6	6	47	20	33	71	32	51	129	335	264	1	0	0	
7	7	63	31	47	100	53	76	87	98	86	0	0	0	
8	8	47	36	41	100	74	87	14	150	142	135	0	0	
9	9	45	37	41	100	88	94	0	77	75	53	0	0	
10	10	44	30	37	100	88	94	10	72	69	T	0	0	
11	11	45	31	38	100	87	93	12	89	85	35	0	0	
12	12	52	21	36	91	49	70	62	315	310	0	0	0	
13	13	26	15	20	94	67	80	24	268	262	T	10	0	
14	14	32	16	24	96	56	76	30	353	331	0	0	0	
15	15	49	23	36	98	31	64	61	464	424	0	0	0	
16	16	54	25	39	95	27	61	82	476	427	0	0	0	
17	17	57	26	41	87	36	61	113	351	348	0	0	0	
18	18	60	37	48	88	47	67	96	415	388	0	0	0	
19	19	60	35	47	100	59	79	37	84	71	35	0	0	
20	20	48	23	35	95	38	66	71	435	83	0	0	0	
21	21	34	19	26	88	40	64	50	455	61	0	0	0	
22	22	46	21	33	82	26	54	100	381	134	0	0	0	
23	23	40	19	29	90	48	69	57	190	111	0	0	0	
24	24	29	16	22	92	31	61	54	480	57	0	0	0	
25	25	41	17	29	89	29	59	85	459	66	0	0	0	
26	26	54	31	42	80	23	51	183	385	166	0	0	0	
27	27	46	34	40	100	70	85	14	70	63	54	0	0	
28	28	55	34	44	93	27	60	97	423	143	0	0	0	
29	29	64	42	53	100	50	75	133	416	113	1	0	0	
30	30	59	35	47	100	82	91	14	125	111	28	0	0	
31	31	36	28	32	94	79	86	28	162	147	0	0	0	
Sums		1342	758	1041	2865	1590	2220	1790	8937	5325	342	10	0	
Average		43.3	24.5	33.6	92.4	51.3	71.6	.058	288.3	171.8	.11	0.0	.0	.000

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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	27	13	28	16	29	18	30	18	29	12	29	17	29	18	29	18
2	2	25	14	26	18	27	20	28	20	25	15	27	19	27	20	28	20
3	3	19	3	24	9	27	16	28	17	20	4	25	11	28	16	27	17
4	4	23	4	22	9	24	16	25	16	23	5	23	12	24	16	25	16
5	5	26	8	25	10	27	16	28	17	26	9	25	14	27	17	28	16
6	6	36	19	30	21	32	27	32	28	34	19	30	23	31	26	32	27
7	7	40	21	34	21	31	21	32	21	39	21	33	21	31	22	31	21
8	8	42	24	36	24	30	24	29	24	40	24	35	24	32	24	30	24
9	9	37	29	35	28	34	26	33	26	37	30	35	29	34	28	34	26
10	10	35	24	33	24	32	26	32	27	35	24	34	25	33	26	32	26
11	11	37	28	36	27	35	29	35	30	37	28	36	28	36	29	35	29
12	12	48	21	44	22	37	24	35	25	47	22	43	23	39	25	36	25
13	13	31	19	28	19	29	22	30	22	30	20	28	21	29	22	29	22
14	14	38	21	35	22	31	24	31	24	37	22	34	23	32	24	31	24
15	15	48	22	42	23	32	25	31	26	46	23	40	24	35	25	31	26
16	16	53	22	46	23	35	26	32	27	51	23	44	24	38	26	33	27
17	17	52	26	47	28	38	31	36	32	50	28	45	29	41	31	37	32
18	18	58	30	52	31	41	34	40	34	56	31	49	32	43	34	39	34
19	19	46	30	44	32	40	36	39	36	46	32	43	34	41	36	40	36
20	20	53	27	48	28	41	32	39	34	51	27	46	29	43	32	39	33
21	21	46	20	43	22	37	26	36	28	45	21	41	23	39	26	36	27
22	22	48	24	42	27	36	30	35	30	46	26	41	28	38	30	35	30
23	23	41	16	37	21	34	24	34	26	39	20	37	22	35	24	34	25
24	24	39	13	36	18	32	22	33	23	38	17	36	20	34	21	33	22
25	25	47	23	42	25	35	28	36	28	46	25	40	27	37	28	35	28
26	26	49	30	43	32	38	34	38	35	47	31	42	32	40	34	38	35
27	27	41	25	39	27	37	30	37	30	40	26	39	28	38	30	37	30
28	28	60	30	53	32	43	33	40	33	57	32	51	33	46	33	40	33
29	29	65	38	57	36	46	38	45	38	62	37	55	36	49	38	45	38
30	30	57	31	53	33	47	37	46	38	56	33	52	35	49	37	46	38
31	31	37	24	37	25	38	29	39	31	37	25	37	27	38	29	39	30
Sums		1304	679	1197	733	1075	824	1064	844	1272	712	1175	773	1116	827	1064	835
Averages		42.1	21.9	38.6	23.6	34.7	26.6	34.3	27.2	41.0	23.0	37.9	24.9	36.0	26.7	34.3	26.9

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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	52	0		0
2	2	47	0		0
3	3	54	0		0
4	4	50	0		0
5	5	41	0		0
6	6	32	0		0
7	7	18	7		0
8	8	24	1		0
9	9	24	1		0
10	10	28	0		0
11	11	27	0		0
12	12	29	0		0
13	13	45	0		0
14	14	41	0		0
15	15	29	0		0
16	16	26	0		0
17	17	24	1		0
18	18	17	8		0
19	19	18	7		0
20	20	30	0		0
21	21	39	0		0
22	22	32	0		0
23	23	36	0		0
24	24	43	0		0
25	25	36	0		0
26	26	23	2		0
27	27	25	0		0
28	28	21	4		0
29	29	12	13		0
30	30	18	7		0
31	31	33	0		0
Sums for month		974	51		0
6185	Accumulated heating degree days since July 1				
61	Accumulated growing degree days since Jan. 1				
450	Accumulated cooling degree days since Apr. 1				