

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

2010

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	33	29	31	100	88	94	5	82	77	2	10	0	0
2	2	36	28	32	100	79	89	20	207	195	0	0	0	0
3	3	37	30	33	97	76	86	22	216	209	0	0	0	0
4	4	36	26	31	91	55	73	38	284	207	0	0	0	0
5	5	35	25	30	86	52	69	55	376	116	0	0	0	0
6	6	35	24	29	85	48	66	50	374	68	0	0	0	0
7	7	41	28	34	75	39	57	86	381	57	0	0	0	0
8	8	48	35	41	73	27	50	111	363	115	0	0	0	0
9	9	51	34	42	74	46	60	122	375	67	0	0	0	0
10	10	53	29	41	98	48	73	62	363	78	0	0	0	0
11	11	55	32	43	92	48	70	96	268	158	0	0	0	0
12	12	60	40	50	95	53	74	96	352	94	0	0	0	0
13	13	49	41	45	100	76	88	34	81	78	T	0	0	0
14	14	43	35	39	100	76	88	24	79	77	59	0	0	0
15	15	47	34	40	100	81	90	10	99	95	19	0	0	0
16	16	44	30	37	100	66	83	49	134	120	0	0	0	0
17	17	56	28	42	87	22	54	126	417	53	0	0	0	0
18	18	60	29	44	64	30	47	182	412	59	0	0	0	0
19	19	65	41	53	68	29	48	246	416	68	0	0	0	0
20	20	66	39	52	89	34	61	176	376	120	0	0	0	0
21	21	53	32	42	99	52	75	51	352	177	0	0	0	0
22	22	54	33	43	99	57	78	36	334	176	0	0	0	0
23	23	40	35	37	100	96	98	1	49	48	65	0	0	0
24	24	41	34	37	100	85	92	1	74	60	34	0	0	0
25	25	54	33	43	86	33	59	127	438	63	0	0	0	0
26	26	50	21	35	100	48	74	58	109	96	24	0	0	0
27	27	28	18	23	92	36	64	39	451	109	0	0	0	0
28	28	43	21	32	85	27	56	101	400	172	0	0	0	0
29	29	47	35	41	100	69	84	29	208	192	8	0	0	0
30	30	46	32	39	100	86	93	8	82	81	0	0	0	0
31	31	42	32	37	99	67	83	49	197	193	2	0	0	0
Sums		1448	963	1198	2834	1729	2276	2110	8349	3478	213	10	0	0
Average		46.7	31.1	38.6	91.4	55.8	73.4	.068	269.3	112.2	.07	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	25	20	25	21	26	22	27	22	25	21	26	21	26	22	27	22
2	2	25	20	26	21	27	22	27	22	26	21	26	21	27	22	27	22
3	3	26	20	27	21	28	22	28	22	27	21	27	21	28	22	28	22
4	4	26	20	26	20	28	21	28	22	27	20	27	21	28	21	28	22
5	5	27	20	27	20	28	21	28	22	27	20	27	21	28	21	28	21
6	6	27	19	27	19	27	20	28	21	26	20	27	20	27	20	28	21
7	7	28	21	28	21	28	22	29	23	28	21	28	22	29	22	29	22
8	8	28	22	29	23	30	24	30	24	29	23	29	23	30	24	30	24
9	9	41	23	38	23	31	25	31	25	36	23	31	23	30	24	30	24
10	10	54	23	47	25	36	29	34	29	51	24	45	26	39	29	34	29
11	11	52	29	46	30	39	33	38	34	49	30	44	31	40	32	37	33
12	12	59	37	52	37	44	38	41	38	56	37	51	37	46	38	41	37
13	13	48	38	45	38	42	39	41	39	47	38	44	39	43	39	41	39
14	14	43	32	41	32	39	34	39	34	42	32	40	33	40	34	39	34
15	15	43	32	41	32	38	34	37	34	43	32	40	33	39	34	37	33
16	16	40	23	39	25	37	29	37	30	40	25	39	26	38	29	36	30
17	17	55	24	49	26	39	30	37	31	52	25	47	27	42	30	37	31
18	18	58	27	51	29	42	33	39	34	55	29	50	31	44	33	39	34
19	19	59	31	53	33	44	35	42	37	58	33	52	35	47	36	42	36
20	20	61	33	55	35	46	38	44	38	60	34	54	36	48	38	44	38
21	21	59	29	53	31	45	36	43	37	56	30	52	32	47	35	43	36
22	22	62	31	53	33	45	36	42	37	57	32	52	33	47	35	42	36
23	23	41	33	41	33	41	35	41	35	41	34	40	34	41	35	40	35
24	24	39	27	38	29	38	32	38	33	39	28	38	30	38	31	38	33
25	25	53	26	49	29	42	33	40	33	52	28	48	31	44	33	40	33
26	26	44	27	41	29	38	33	38	33	43	28	41	30	39	32	38	33
27	27	44	16	40	21	37	25	37	27	41	21	39	22	37	24	37	26
28	28	47	26	42	28	37	32	37	34	45	28	41	29	39	31	37	33
29	29	47	32	43	33	39	36	39	36	46	32	43	33	40	35	39	35
30	30	41	24	39	26	39	30	38	31	40	25	39	27	39	30	38	31
31	31	40	27	37	27	35	30	35	31	39	28	37	28	36	30	35	31
Sums		1342	812	1248	850	1135	929	1113	948	1303	843	1224	876	1166	921	1109	936
Averages		43.3	26.2	40.3	27.4	36.6	30.0	35.9	30.6	42.0	27.2	39.5	28.3	37.6	29.7	35.8	30.2

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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	34	0		0
2	2	33	0		0
3	3	32	0		0
4	4	34	0		0
5	5	35	0		0
6	6	36	0		0
7	7	31	0		0
8	8	24	1		0
9	9	23	2		0
10	10	24	1		0
11	11	22	3		0
12	12	15	10		0
13	13	20	5		0
14	14	26	0		0
15	15	25	0		0
16	16	28	0		0
17	17	23	2		0
18	18	21	4		0
19	19	12	13		0
20	20	13	12		0
21	21	23	2		0
22	22	22	3		0
23	23	28	0		0
24	24	28	0		0
25	25	22	3		0
26	26	30	0		0
27	27	42	0		0
28	28	33	0		0
29	29	24	1		0
30	30	26	0		0
31	31	28	0		0
Sums for month		817	62		0

5817 Accumulated heating degree days since July 1

65 Accumulated growing degree days since Jan. 1

309 Accumulated cooling degree days since Apr. 1