

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

February 2006

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	Max	Min	Avg	Max	Min	Avg	Thou	Gm	Cal/Cm2	Hund	Tnth	1.5 Ft	Thou In
								In/Hg	Total	Diff	Ins	Ins	Evap	
	1	338	38	30	34	96	75	85	30	65	62	4	0	0
2	339	36	31	33	84	60	72	52	118	89	0	0	0	0
3	340	52	33	42	100	50	75	74	215	83	42	0	0	0
4	341	48	36	42	100	67	83	39	63	58	T	0	0	0
5	342	47	36	41	100	62	81	33	96	85	56	0	0	0
6	343	42	24	33	98	49	73	47	138	110	1	2	0	0
7	344	29	22	25	96	61	78	23	130	125	4	15	0	0
8	345	26	19	22	94	77	85	15	141	135	1	11	0	0
9	346	25	11	18	91	69	80	0	199	166	T	T	0	0
10	347	26	12	19	93	55	74	17	203	127	5	15	0	0
11	348	22	13	17	96	82	89	8	187	183	6	15	0	0
12	349	29	19	24	95	65	80	27	121	102	0	0	0	0
13	350	25	15	20	89	56	72	29	179	168	0	0	0	0
14	351	30	24	27	93	50	71	46	232	145	T	T	0	0
15	352	41	26	33	94	51	72	60	183	170	T	T	0	0
16	353	53	26	39	95	40	67	87	259	99	0	0	0	0
17	354	54	34	44	97	58	77	72	45	41	3	0	0	0
18	355	43	15	29	88	45	66	41	214	139	T	T	0	0
19	356	16	10	13	91	45	68	29	248	169	T	T	0	0
20	357	21	10	15	77	45	61	43	330	84	0	0	0	0
21	358	28	18	23	84	46	65	46	291	132	0	0	0	0
22	359	31	20	25	94	53	73	37	216	145	T	0	0	0
23	360	44	26	35	94	40	67	78	198	160	T	T	0	0
24	361	42	21	31	98	41	69	49	213	99	5	10	0	0
25	362	27	20	23	93	41	67	46	331	108	0	0	0	0
26	363	42	12	27	94	54	74	20	138	118	4	15	0	0
27	364	18	-1	8	92	47	69	22	324	190	3	15	0	0
28	365	23	0	11	94	46	70	28	376	66	2	10	0	0
Sums		958	562	753	2610	1530	2063	1098	5453	3358	136	108	0	0
Average		34.2	20.1	26.9	93.2	54.6	73.7	.039	194.8	119.9	.05	.4	.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	338	35	24	35	24	34	27	35	28	37	24	41	25	36	27	37	28
2	339	35	24	36	24	38	27	38	28	36	25	36	25	38	27	38	28
3	340	46	29	43	29	41	31	40	32	47	29	43	30	41	31	40	32
4	341	42	30	40	30	39	32	39	32	43	30	41	30	40	33	40	32
5	342	45	32	42	32	41	34	41	34	45	32	43	32	41	34	41	32
6	343	42	25	40	25	40	29	41	30	42	26	41	26	NA	28	40	30
7	344	30	22	31	23	33	24	35	25	34	23	38	23	34	25	35	25
8	345	27	21	28	21	30	23	31	24	32	22	31	22	31	23	32	24
9	346	30	20	31	20	33	22	33	23	31	21	31	21	33	22	33	22
10	347	30	20	30	20	32	22	33	23	31	20	32	21	33	21	36	19
11	348	32	23	32	23	34	25	35	26	33	23	33	23	34	25	37	20
12	349	30	23	31	23	33	25	33	26	32	24	33	24	33	25	35	22
13	350	31	19	31	20	32	22	33	23	32	20	32	20	33	21	36	19
14	351	30	22	30	22	32	24	32	25	33	23	31	23	32	24	40	22
15	352	33	26	33	26	35	27	35	28	34	26	34	26	35	27	35	19
16	353	33	24	33	24	35	26	36	26	37	25	37	26	35	27	37	26
17	354	43	29	42	28	40	29	39	29	44	29	43	28	41	29	45	30
18	355	39	31	39	32	39	33	39	32	38	31	39	32	39	33	39	32
19	356	33	31	34	32	36	34	37	35	33	31	34	33	36	34	37	35
20	357	33	30	34	31	36	32	36	33	32	30	34	31	35	32	36	33
21	358	34	16	34	17	36	19	37	20	33	15	34	17	36	19	36	19
22	359	29	20	30	20	32	22	33	23	33	20	32	21	32	22	33	23
23	360	32	23	33	23	35	25	35	26	33	24	34	23	36	25	35	25
24	361	29	22	30	23	31	24	32	24	36	22	37	22	34	23	34	24
25	362	34	20	34	20	35	22	36	23	35	21	34	21	35	22	35	22
26	363	35	20	35	20	36	22	36	22	35	21	36	20	36	22	39	22
27	364	27	19	27	19	29	21	30	21	30	20	29	20	30	21	31	21
28	365	28	19	28	19	29	21	30	21	31	20	30	19	33	20	30	21
Sums		947	664	946	670	976	724	990	742	992	677	993	684	952	722	1022	707
Averages		33.8	23.7	33.8	23.9	34.9	25.9	35.4	26.5	35.4	24.2	35.5	24.4	35.3	25.8	36.5	25.2

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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	338	31	0		0
2	339	32	0		0
3	340	23	2		0
4	341	23	2		0
5	342	24	1		0
6	343	32	0		0
7	344	40	0		0
8	345	43	0		0
9	346	47	0		0
10	347	46	0		0
11	348	48	0		0
12	349	41	0		0
13	350	45	0		0
14	351	38	0		0
15	352	32	0		0
16	353	26	0		0
17	354	21	4		0
18	355	36	0		0
19	356	52	0		0
20	357	50	0		0
21	358	42	0		0
22	359	40	0		0
23	360	30	0		0
24	361	34	0		0
25	362	42	0		0
26	363	38	0		0
27	364	57	0		0
28	365	54	0		0
Sums for month		1067	9		0
4478	Accumulated heating degree days since July 1				
37	Accumulated growing degree days since Jan. 1				
762	Accumulated cooling degree days since Apr. 1				