

**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 2004**

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	Total	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	338	19	12	15	90	70	80	18	196	138	T	5	0	0
2	339	25	8	16	91	60	75	23	53	52	T	T	0	0
3	340	30	19	24	91	63	77	32	185	158	0	0	0	0
4	341	34	29	31	99	63	81	19	143	136	69	55	0	0
5	342	29	18	23	82	56	69	37	60	58	0	0	0	0
6	343	30	20	25	96	59	77	28	189	148	21	12	0	0
7	344	38	29	33	96	74	85	28	299	205	0	0	0	0
8	345	31	7	19	93	63	78	25	137	135	2	10	0	0
9	346	27	10	18	72	34	53	53	173	161	0	0	0	0
10	347	41	22	31	84	43	63	77	233	218	0	0	0	0
11	348	37	22	29	94	50	72	48	173	168	T	T	0	0
12	349	27	10	18	93	62	77	21	281	276	2	5	0	0
13	350	32	18	25	94	57	75	36	168	166	T	T	0	0
14	351	35	26	30	70	47	58	76	355	335	0	0	0	0
15	352	32	2	17	92	58	75	28	359	345	2	10	0	0
16	353	14	-6	4	84	40	62	20	269	193	0	0	0	0
17	354	23	2	12	90	48	69	25	259	163	0	0	0	0
18	355	29	11	20	74	37	55	58	179	168	0	0	0	0
19	356	34	18	26	81	58	69	42	130	129	0	0	0	0
20	357	37	28	32	96	68	82	28	137	130	T	T	0	0
21	358	40	29	34	96	63	79	49	295	154	T	T	0	0
22	359	40	28	34	96	57	76	35	345	82	3	10	0	0
23	360	34	20	27	89	52	70	47	264	179	0	0	0	0
24	361	35	21	28	84	52	68	40	377	70	0	0	0	0
25	362	29	16	22	75	45	60	48	372	74	0	0	0	0
26	363	32	18	25	85	39	62	51	53	386	0	0	0	0
27	364	34	16	25	79	40	59	42	379	65	0	0	0	0
28	365	36	18	27	66	22	44	84	339	157	0	0	0	0
29	366	45	24	34	67	33	50	115	219	155	0	0	0	0
Sums		929	495	704	2499	1513	2000	1233	6621	4804	99	107	0	0
Average		32.0	17.1	24.3	86.2	52.2	69.0	.043	228.3	165.7	.03	.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	30	35	30	36	31	37	32	44	30	41	31	40	31	41	32
2	339	35	29	35	29	36	31	37	31	43	29	40	30	40	30	40	31
3	340	35	29	35	29	36	30	37	31	37	29	36	29	37	30	36	30
4	341	35	30	35	30	37	31	37	32	40	30	41	30	41	31	42	31
5	342	35	30	35	30	36	31	37	32	39	30	36	30	37	31	38	31
6	343	34	29	35	29	36	31	37	31	35	29	36	29	37	30	37	30
7	344	35	30	35	30	36	31	37	32	38	30	37	30	37	31	38	31
8	345	35	29	35	30	36	31	37	32	37	30	37	30	39	32	38	32
9	346	34	29	35	29	36	30	37	31	36	29	37	29	37	30	38	30
10	347	35	30	35	30	36	31	37	32	37	30	38	30	38	31	39	31
11	348	35	30	35	30	37	31	37	32	41	30	37	30	38	31	40	32
12	349	35	29	35	29	36	31	37	31	36	29	37	29	37	30	38	30
13	350	35	29	35	29	37	31	37	31	37	30	37	30	38	31	39	31
14	351	35	30	35	30	36	31	37	32	37	30	40	30	37	31	38	32
15	352	35	29	35	29	36	30	38	31	36	30	37	30	37	30	39	30
16	353	35	28	35	28	36	30	37	31	35	29	36	28	37	30	37	30
17	354	35	28	35	28	37	30	37	30	38	28	37	28	38	29	38	29
18	355	35	29	35	29	36	31	37	31	37	30	36	29	37	30	37	30
19	356	35	29	35	29	37	30	37	31	39	30	37	30	37	30	38	30
20	357	35	30	35	30	36	31	37	32	36	30	36	30	38	31	37	31
21	358	34	30	35	30	36	31	36	32	35	30	36	30	37	31	37	31
22	359	35	30	35	30	36	31	37	32	36	30	37	31	37	31	38	32
23	360	35	30	35	30	36	31	37	32	38	31	36	31	37	31	37	32
24	361	35	30	35	30	36	31	37	32	36	30	37	30	37	31	37	31
25	362	35	30	35	30	36	31	37	32	39	30	37	30	38	31	37	31
26	363	35	29	35	30	36	31	37	32	38	30	36	30	37	31	37	31
27	364	35	30	35	29	36	31	37	31	38	30	38	30	38	31	38	31
28	365	35	30	35	30	36	31	37	32	39	30	37	30	38	31	38	31
29	366	35	29	35	29	36	31	37	31	36	30	36	29	38	30	37	31
Sums		1012	854	1015	855	1049	893	1073	914	1093	863	1079	863	1094	888	1104	895
Averages		34.9	29.4	35.0	29.5	36.2	30.8	37.0	31.5	37.7	29.8	37.2	29.8	37.7	30.6	38.1	30.9

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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	338	50	0		0
2	339	49	0		0
3	340	41	0		0
4	341	34	0		0
5	342	42	0		0
6	343	40	0		0
7	344	32	0		0
8	345	46	0		0
9	346	47	0		0
10	347	34	0		0
11	348	36	0		0
12	349	47	0		0
13	350	40	0		0
14	351	35	0		0
15	352	48	0		0
16	353	61	0		0
17	354	53	0		0
18	355	45	0		0
19	356	39	0		0
20	357	33	0		0
21	358	31	0		0
22	359	31	0		0
23	360	38	0		0
24	361	37	0		0
25	362	43	0		0
26	363	40	0		0
27	364	40	0		0
28	365	38	0		0
29	366	31	0		0
Sums for month		1181	0		0
4918	Accumulated heating degree days since July 1				
12	Accumulated growing degree days since Jan. 1				
417	Accumulated cooling degree days since Apr. 1				