

**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 2002**

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	338	39	23	31	100	95	97	1	30	26	105	0	0	0
2	339	41	21	31	100	53	76	45	103	74	T	T	0	0
3	340	28	22	25	94	67	80	23	163	116	0	0	0	0
4	341	37	24	30	97	48	72	47	113	77	T	0	0	0
5	342	30	7	18	100	76	88	8	89	75	11	25	0	0
6	343	30	8	19	92	51	71	39	206	114	T	T	0	0
7	344	37	21	29	93	46	69	46	291	149	0	0	0	0
8	345	49	29	39	82	14	48	86	272	172	0	0	0	0
9	346	45	25	35	99	45	72	46	286	58	0	0	0	0
10	347	40	24	32	83	58	70	58	285	79	0	0	0	0
11	348	48	17	32	100	69	84	29	126	101	23	11	0	0
12	349	28	10	19	88	53	70	29	322	76	0	0	0	0
13	350	39	15	27	98	55	76	47	130	102	3	12	0	0
14	351	21	10	15	86	46	66	29	308	100	0	0	0	0
15	352	42	14	28	71	28	49	108	266	120	0	0	0	0
16	353	51	33	42	86	28	57	124	184	134	0	0	0	0
17	354	43	29	36	96	48	72	45	159	110	T	0	0	0
18	355	29	13	21	97	72	84	16	120	99	2	10	0	0
19	356	35	14	24	92	46	69	42	348	56	0	0	0	0
20	357	44	22	33	75	29	52	127	242	93	T	0	0	0
21	358	52	42	47	88	38	63	117	52	45	T	0	0	0
22	359	49	32	40	97	61	79	33	120	80	2	0	0	0
23	360	33	22	27	98	72	85	23	69	57	0	0	0	0
24	361	33	21	27	98	54	76	32	366	79	0	0	0	0
25	362	50	27	38	86	26	56	135	350	96	0	0	0	0
26	363	58	38	48	67	27	47	183	228	164	0	0	0	0
27	364	54	25	39	98	40	69	81	186	103	8	0	0	
28	365	31	17	24	97	49	73	29	243	118	2	12	0	0
Sums		1116	605	856	2558	1394	1970	1628	5657	2673	156	70	0	0
Average		39.9	21.6	30.6	91.4	49.8	70.4	.058	202.0	95.5	.06	.3	.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	338	36	32	36	32	38	34	39	34	36	31	37	32	38	33	39	33
2	339	39	31	38	32	38	33	38	34	41	31	40	32	39	33	39	33
3	340	35	31	35	31	37	33	38	33	35	31	36	31	38	32	38	33
4	341	34	31	35	31	37	33	38	34	35	31	37	31	37	32	37	32
5	342	35	30	35	31	36	32	39	30	35	31	36	31	38	32	38	32
6	343	35	30	35	30	36	32	38	31	36	31	37	31	37	32	38	33
7	344	35	30	35	31	37	32	38	33	35	31	36	31	37	32	37	32
8	345	35	30	35	31	37	32	37	33	36	30	36	31	37	32	38	32
9	346	35	31	36	31	36	32	37	33	35	31	36	31	38	32	37	32
10	347	35	31	35	32	36	33	38	32	36	31	36	31	36	32	37	32
11	348	40	32	40	32	39	33	40	33	41	31	40	31	40	32	40	32
12	349	36	32	36	32	38	34	40	34	36	31	37	31	38	32	39	33
13	350	35	31	36	32	37	33	38	33	36	31	37	31	38	32	39	33
14	351	35	31	36	31	38	33	38	33	36	31	36	31	37	32	38	32
15	352	36	31	35	31	36	33	38	33	36	31	36	31	37	32	38	32
16	353	36	31	35	31	37	33	39	33	36	31	36	31	37	32	37	32
17	354	43	32	41	32	39	33	39	34	45	32	42	33	41	33	39	33
18	355	36	31	36	32	37	33	38	34	36	31	38	32	39	33	39	34
19	356	35	31	36	32	37	33	38	34	36	31	37	32	38	32	38	33
20	357	37	31	37	32	38	33	38	33	39	31	38	31	38	32	38	33
21	358	42	34	41	34	40	34	42	34	44	35	42	34	42	34	40	34
22	359	46	33	44	34	42	36	42	36	47	33	45	34	44	36	42	36
23	360	38	31	38	32	40	34	40	35	39	31	39	32	40	34	41	35
24	361	38	30	38	31	38	34	38	34	40	34	39	31	39	33	39	33
25	362	44	31	42	31	39	34	39	34	45	30	43	31	41	32	40	33
26	363	46	33	44	33	42	34	41	35	48	32	45	32	43	34	41	34
27	364	47	33	45	34	42	36	42	36	48	33	46	34	44	35	43	36
28	365	39	32	39	32	39	34	40	35	40	31	40	33	40	34	40	35
Sums		1063	877	1054	890	1066	933	1090	940	1088	879	1083	887	1091	916	1089	927
Averages		38.0	31.3	37.6	31.8	38.1	33.3	38.9	33.6	38.9	31.4	38.7	31.7	39.0	32.7	38.9	33.1

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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	34	0		0
2	339	34	0		0
3	340	40	0		0
4	341	35	0		0
5	342	47	0		0
6	343	46	0		0
7	344	36	0		0
8	345	26	0		0
9	346	30	0		0
10	347	33	0		0
11	348	33	0		0
12	349	46	0		0
13	350	38	0		0
14	351	50	0		0
15	352	37	0		0
16	353	23	2		0
17	354	29	0		0
18	355	44	0		0
19	356	41	0		0
20	357	32	0		0
21	358	18	7		0
22	359	25	0		0
23	360	38	0		0
24	361	38	0		0
25	362	27	0		0
26	363	17	8		0
27	364	26	0		0
28	365	41	0		0
Sums for month		964	17		0
4104	Accumulated heating degree days since July 1				
30	Accumulated growing degree days since Jan. 1				
539	Accumulated cooling degree days since Apr. 1				