

**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** **January 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	307	26	19	22	79	60	69	34	150	71	0	0	0	0
2	308	27	18	22	93	55	74	30	132	80	0	0	0	0
3	309	31	19	25	86	57	71	37	149	47	0	0	0	0
4	310	31	24	27	88	60	74	36	124	66	0	0	0	0
5	311	35	27	31	80	32	56	77	99	84	0	0	0	0
6	312	39	30	34	100	50	75	62	83	68	0	0	0	0
7	313	33	28	30	100	65	82	9	43	43	28	35	0	0
8	314	28	13	20	100	83	91	10	46	33	T	T	0	0
9	315	30	17	23	90	57	73	38	102	88	T	0	0	0
10	316	44	27	35	98	63	80	63	108	77	3	0	0	
11	317	43	33	38	89	70	79	60	119	94	0	0	0	0
12	318	38	33	35	94	67	80	47	37	36	0	0	0	0
13	319	46	31	38	84	40	62	79	163	56	0	0	0	0
14	320	35	24	29	94	53	73	53	112	78	0	0	0	0
15	321	38	26	32	89	56	72	59	80	78	1	0	0	0
16	322	38	27	32	96	69	82	38	48	47	1	0	0	
17	323	34	27	30	100	55	77	41	135	92	2	5	0	0
18	324	37	23	30	92	58	75	40	102	79	T	T	0	0
19	325	29	16	22	92	51	71	37	133	82	0	0	0	0
20	326	27	13	20	100	68	84	12	77	74	5	10	0	0
21	327	35	24	29	84	58	71	42	123	106	0	0	0	0
22	328	39	28	33	100	58	79	41	72	66	1	0	0	
23	329	43	28	35	71	46	58	91	231	37	0	0	0	0
24	330	47	39	43	100	51	75	68	50	43	T	0	0	0
25	331	40	27	33	100	76	88	8	21	20	5	0	0	
26	332	42	28	35	79	33	56	106	185	77	0	0	0	0
27	333	49	32	40	69	33	51	140	175	113	0	0	0	0
28	334	56	35	45	77	34	55	143	227	52	0	0	0	0
29	335	57	33	45	88	35	61	124	203	100	0	0	0	0
30	336	49	28	38	100	64	82	17	47	42	25	0	0	0
31	337	29	23	26	100	96	98	2	53	47	27	40	0	0
Sums		1175	800	977	2812	1753	2274	1644	3429	2076	98	90	0	0
Average		37.9	25.8	31.5	90.7	56.5	73.4	.053	110.6	67.0	.03	.3	.0	.000

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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	307	43	0		0
2	308	43	0		0
3	309	40	0		0
4	310	38	0		0
5	311	34	0		0
6	312	31	0		0
7	313	35	0		0
8	314	45	0		0
9	315	42	0		0
10	316	30	0		0
11	317	27	0		0
12	318	30	0		0
13	319	27	0		0
14	320	36	0		0
15	321	33	0		0
16	322	33	0		0
17	323	35	0		0
18	324	35	0		0
19	325	43	0		0
20	326	45	0		0
21	327	36	0		0
22	328	32	0		0
23	329	30	0		0
24	330	22	3		0
25	331	32	0		0
26	332	30	0		0
27	333	25	0		0
28	334	20	5		0
29	335	20	5		0
30	336	27	0		0
31	337	39	0		0
Sums for month		1038	13		0
3140	Accumulated heating degree days since July 1				
13	Accumulated growing degree days since Jan. 1				
539	Accumulated cooling degree days since Apr. 1				

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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	307	34	29	35	30	36	32	39	33	35	30	36	30	37	32	38	32
2	308	34	29	35	30	36	32	38	33	35	29	36	30	37	32	38	32
3	309	34	30	34	30	37	32	38	33	35	29	36	30	37	32	38	32
4	310	34	29	35	30	36	32	37	33	35	29	35	30	36	32	38	32
5	311	34	30	35	30	37	32	38	33	35	30	35	30	37	32	37	32
6	312	35	30	36	31	36	32	39	31	35	30	35	30	37	32	38	32
7	313	35	30	35	31	37	33	37	33	36	30	35	30	37	32	37	32
8	314	36	31	36	31	37	33	38	33	35	30	41	30	38	32	38	32
9	315	35	31	36	31	37	33	38	33	36	31	36	31	36	32	37	32
10	316	36	31	36	31	37	33	38	33	36	31	36	31	38	32	38	32
11	317	40	31	38	31	38	33	39	33	42	31	40	31	39	32	39	33
12	318	38	32	38	32	39	34	39	34	39	31	43	32	40	33	42	34
13	319	43	32	42	32	40	34	40	35	44	32	42	32	41	33	40	34
14	320	37	31	37	32	39	34	39	34	38	31	38	32	39	33	40	34
15	321	36	31	36	31	38	33	40	34	37	31	37	31	38	32	40	31
16	322	39	32	38	32	38	33	40	34	40	32	39	32	39	33	39	33
17	323	39	31	37	32	39	34	40	33	39	31	38	31	38	32	41	32
18	324	36	31	36	31	37	33	40	31	38	31	38	31	38	32	40	33
19	325	36	28	36	30	38	32	41	31	37	28	37	30	37	32	38	32
20	326	34	28	34	30	36	32	38	32	34	28	35	30	36	31	37	32
21	327	34	29	35	30	36	32	37	33	34	29	36	30	36	31	37	32
22	328	34	29	34	30	36	32	37	33	36	29	35	30	38	31	38	32
23	329	44	29	42	30	47	31	46	33	43	30	46	30	44	32	48	32
24	330	40	30	39	31	38	32	38	32	40	30	40	31	39	32	38	32
25	331	40	31	40	32	39	34	40	35	41	32	41	33	40	34	40	34
26	332	39	31	38	32	39	34	39	33	40	31	39	32	39	33	39	34
27	333	43	32	41	32	39	34	40	34	44	31	42	32	41	33	40	34
28	334	45	32	43	32	40	34	40	35	46	31	44	32	43	33	40	34
29	335	46	32	44	33	41	35	41	35	47	32	44	33	43	34	41	35
30	336	43	33	42	34	41	36	41	36	43	33	43	34	42	35	41	36
31	337	38	32	38	33	39	35	41	36	38	32	38	32	39	34	40	34
Sums		1171	947	1161	967	1183	1025	1216	1034	1193	945	1196	963	1199	1005	1215	1017
Averages		37.8	30.5	37.5	31.2	38.2	33.1	39.2	33.4	38.5	30.5	38.6	31.1	38.7	32.4	39.2	32.8