

## 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 2009

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	In Evap	
1	338	27	11	19	91	53	72	26	202	124	0	0	0	
2	339	44	27	35	83	42	62	80	183	80	0	0	0	
3	340	35	9	22	98	54	76	35	140	133	0	0	0	
4	341	28	6	17	96	68	82	21	283	77	T	T	0	
5	342	16	5	10	92	66	79	12	212	149	2	12	0	
6	343	16	1	8	91	59	75	19	245	103	T	T	0	
7	344	31	15	23	77	43	60	46	209	107	0	0	0	
8	345	52	30	41	94	66	80	72	135	122	0	0	0	
9	346	40	27	33	93	53	73	45	187	111	0	0	0	
10	347	43	27	35	90	55	72	44	254	61	0	0	0	
11	348	48	37	42	100	72	86	33	69	65	0	0	0	
12	349	52	38	45	100	74	87	22	60	55	30	0	0	
13	350	38	23	30	100	79	89	12	58	58	34	0	0	
14	351	29	19	24	89	66	77	29	272	88	0	0	0	
15	352	30	20	25	92	62	77	29	213	127	0	0	0	
16	353	33	22	27	92	55	73	32	281	57	0	0	0	
17	354	30	18	24	92	54	73	32	254	105	0	0	0	
18	355	35	19	27	88	50	69	49	287	99	0	0	0	
19	356	39	29	34	100	55	77	31	58	53	13	10	0	
20	357	35	16	25	94	49	71	33	185	144	0	0	0	
21	358	26	18	22	88	63	75	27	198	173	0	0	0	
22	359	34	22	28	94	49	71	65	296	95	T	T	0	
23	360	33	15	24	94	46	70	37	169	130	0	0	0	
24	361	20	12	16	93	71	82	17	226	194	1	10	0	
25	362	26	12	19	84	49	66	31	307	130	0	0	0	
26	363	44	19	31	93	29	61	93	315	79	1	0	0	
27	364	52	33	42	98	60	79	64	201	145	0	0	0	
28	365	53	12	32	98	78	88	22	73	69	7	6	0	
Sums		989	542	760	2594	1620	2102	1058	5572	2933	88	38	0	
Average		35.3	19.4	27.1	92.6	57.9	75.1	.038	199.0	104.7	.03	.1	.0	

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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	28	17	28	17	29	18	30	19	28	18	28	17	29	18	30	18
2	339	30	20	30	20	32	21	32	22	31	20	31	20	31	21	32	21
3	340	26	18	26	18	27	19	28	20	26	19	27	18	28	19	28	20
4	341	28	17	29	17	30	18	31	19	29	18	29	18	30	19	30	19
5	342	26	15	26	15	28	17	28	17	27	16	27	16	28	17	28	13
6	343	24	12	24	12	25	13	26	14	25	13	25	13	26	14	29	12
7	344	29	16	29	16	30	17	30	18	29	17	29	17	30	18	30	18
8	345	34	24	35	24	36	26	36	26	35	25	35	25	36	26	36	26
9	346	27	20	27	20	28	22	29	22	27	21	28	21	29	22	29	22
10	347	29	21	29	21	30	22	30	23	29	21	29	22	30	22	30	23
11	348	29	25	30	25	31	27	31	27	29	26	30	26	31	27	31	27
12	349	29	23	29	23	30	24	31	25	29	24	30	24	31	25	30	25
13	350	27	20	27	21	28	22	29	22	28	21	28	21	29	22	29	22
14	351	26	18	26	18	27	20	28	20	27	19	27	19	28	20	28	20
15	352	26	19	26	20	27	21	28	22	26	20	27	20	28	22	28	22
16	353	26	19	27	19	28	20	28	21	27	19	27	20	28	20	28	21
17	354	25	19	26	18	27	20	28	20	28	19	27	19	27	20	28	20
18	355	29	20	29	20	31	22	31	22	29	20	29	21	30	22	30	22
19	356	30	23	30	23	32	24	32	24	31	23	31	23	32	24	32	24
20	357	26	21	27	21	28	23	29	23	27	20	28	22	28	23	29	23
21	358	26	18	26	19	27	21	28	21	26	15	27	19	28	21	28	21
22	359	29	19	29	21	30	22	31	23	29	17	29	21	30	22	30	23
23	360	26	17	26	20	27	21	28	22	26	14	27	20	27	21	28	22
24	361	23	14	23	16	25	19	26	19	23	13	24	15	25	19	26	19
25	362	25	14	24	15	28	16	29	17	25	14	25	15	27	16	28	17
26	363	31	21	30	23	32	27	33	28	31	20	30	23	31	27	32	27
27	364	36	21	32	21	31	21	32	22	37	21	31	21	31	21	31	22
28	365	42	18	39	18	33	20	32	21	41	19	37	19	34	20	32	20
Sums		792	529	789	541	817	583	834	599	805	532	802	555	822	588	830	589
Averages		28.3	18.9	28.2	19.3	29.2	20.8	29.8	21.4	28.8	19.0	28.6	19.8	29.4	21.0	29.6	21.0

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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	46	0		0
2	339	30	0		0
3	340	43	0		0
4	341	48	0		0
5	342	55	0		0
6	343	57	0		0
7	344	42	0		0
8	345	24	1		0
9	346	32	0		0
10	347	30	0		0
11	348	23	2		0
12	349	20	5		0
13	350	35	0		0
14	351	41	0		0
15	352	40	0		0
16	353	38	0		0
17	354	41	0		0
18	355	38	0		0
19	356	31	0		0
20	357	40	0		0
21	358	43	0		0
22	359	37	0		0
23	360	41	0		0
24	361	49	0		0
25	362	46	0		0
26	363	34	0		0
27	364	23	2		0
28	365	33	0		0
Sums for month		1060	10		0
5211	Accumulated heating degree days since July 1				
10	Accumulated growing degree days since Jan. 1				
450	Accumulated cooling degree days since Apr. 1				