

## 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 2010

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	25	7	16	91	56	73	28	227	113	0	0	0	
2	339	28	14	21	91	52	71	32	228	67	0	0	0	
3	340	26	15	20	100	66	83	12	131	124	3	10	0	
4	341	32	10	21	100	71	85	18	149	139	4	11	0	
5	342	29	11	20	91	56	73	29	235	61	0	0	0	
6	343	31	13	22	91	55	73	29	89	84	0	0	0	
7	344	18	11	14	90	73	81	15	172	135	0	0	0	
8	345	22	14	18	93	74	83	16	130	123	T	T	0	
9	346	26	15	20	93	73	83	19	207	156	0	0	0	
10	347	26	19	22	100	72	86	13	146	138	3	5	0	
11	348	28	16	22	100	86	93	7	95	89	7	10	0	
12	349	28	15	21	93	59	76	27	280	66	0	0	0	
13	350	30	17	23	99	67	83	17	217	151	8	3	0	
14	351	26	19	22	93	71	82	19	195	180	0	0	0	
15	352	30	25	27	93	78	85	23	98	91	0	0	0	
16	353	36	23	29	100	51	75	33	202	159	2	11	0	
17	354	29	23	26	99	76	87	15	129	122	4	25	0	
18	355	29	25	27	100	82	91	8	156	147	8	11	0	
19	356	32	28	30	100	80	90	19	120	112	0	0	0	
20	357	35	28	31	92	76	84	28	146	138	0	0	0	
21	358	37	27	32	91	71	81	30	273	246	0	0	0	
22	359	36	14	25	99	58	78	23	302	279	0	0	0	
23	360	34	17	25	100	72	86	13	143	135	17	17	0	
24	361	37	29	33	100	90	95	5	74	70	6	5	0	
25	362	35	26	30	100	83	91	10	142	137	5	10	0	
26	363	30	20	25	100	95	97	2	154	145	20	63	0	
27	364	30	21	25	100	94	97	2	143	134	8	15	0	
28	365	36	29	32	100	95	97	1	187	177	19	15	0	
Sums		841	531	679	2699	2032	2359	493	4770	3718	114	211	0	
Average		30.0	19.0	24.2	96.4	72.6	84.3	.018	170.4	132.8	.04	.8	.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	24	17	25	18	26	19	27	20	22	14	23	16	26	19	27	20
2	339	24	17	25	17	26	19	27	19	24	15	24	16	25	18	26	19
3	340	28	20	28	22	29	23	30	24	27	17	27	19	29	22	29	23
4	341	24	15	25	16	26	17	27	18	24	15	24	15	25	17	26	17
5	342	24	17	25	17	26	19	26	19	24	17	24	17	25	18	26	18
6	343	27	20	27	21	28	22	29	23	26	20	27	20	28	22	28	22
7	344	27	15	27	15	29	17	29	17	26	14	27	15	28	16	28	17
8	345	22	15	23	15	24	16	25	17	22	14	23	15	24	16	25	17
9	346	23	16	24	17	25	18	25	19	23	16	23	16	25	18	25	18
10	347	27	18	27	19	29	20	29	20	27	17	27	18	28	19	28	20
11	348	26	17	26	18	27	19	28	19	25	17	25	18	27	19	27	19
12	349	25	15	25	15	26	17	26	17	24	15	25	15	26	16	26	17
13	350	25	17	25	17	26	18	27	19	24	17	25	17	26	18	26	18
14	351	23	17	23	17	24	18	25	19	23	17	23	17	24	18	25	19
15	352	23	18	24	18	25	19	25	20	24	18	24	18	25	19	25	20
16	353	27	18	28	18	29	19	29	20	27	18	27	18	28	19	29	19
17	354	24	19	24	19	25	20	26	21	24	19	24	19	25	20	26	20
18	355	24	20	24	20	25	21	26	21	24	20	24	20	25	21	26	21
19	356	24	19	25	20	26	21	26	21	25	19	25	19	26	20	26	21
20	357	25	20	26	20	27	21	27	22	25	20	26	20	27	21	27	21
21	358	26	20	27	21	28	22	28	22	26	21	27	21	27	22	28	22
22	359	26	18	26	18	27	19	27	20	26	18	26	18	27	19	27	19
23	360	30	23	30	23	32	25	32	25	30	23	30	24	31	24	31	25
24	361	30	21	30	21	32	22	32	23	30	21	30	21	31	22	31	22
25	362	25	21	25	21	26	22	27	23	25	21	26	21	26	22	27	22
26	363	25	18	25	18	26	19	26	19	25	18	25	18	26	19	26	19
27	364	25	21	25	21	26	22	27	23	25	21	26	22	26	22	27	23
28	365	26	20	26	20	27	21	28	22	27	20	27	21	27	21	28	22
Sums		709	512	720	522	752	555	766	572	704	502	714	514	743	547	756	560
Averages		25.3	18.3	25.7	18.6	26.9	19.8	27.4	20.4	25.1	17.9	25.5	18.4	26.5	19.5	27.0	20.0

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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	49	0		0
2	339	44	0		0
3	340	45	0		0
4	341	44	0		0
5	342	45	0		0
6	343	43	0		0
7	344	51	0		0
8	345	47	0		0
9	346	45	0		0
10	347	43	0		0
11	348	43	0		0
12	349	44	0		0
13	350	42	0		0
14	351	43	0		0
15	352	38	0		0
16	353	36	0		0
17	354	39	0		0
18	355	38	0		0
19	356	35	0		0
20	357	34	0		0
21	358	33	0		0
22	359	40	0		0
23	360	40	0		0
24	361	32	0		0
25	362	35	0		0
26	363	40	0		0
27	364	40	0		0
28	365	33	0		0
Sums for month		1141	0		0
5000	Accumulated heating degree days since July 1				
3	Accumulated growing degree days since Jan. 1				
309	Accumulated cooling degree days since Apr. 1				