

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 2007

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 Total	Cal/Cm2 Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou Evap
1	338	24	15	19	90	57	73	31	155	144	T	T	0	0
2	339	31	19	25	88	48	68	52	206	194	T	T	0	0
3	340	33	8	20	100	66	83	24	102	97	9	10	0	0
4	341	22	2	12	86	25	55	38	272	254	0	0	0	0
5	342	11	1	6	88	44	66	19	169	165	T	T	0	0
6	343	11	2	6	88	62	75	18	219	213	0	0	0	0
7	344	14	1	7	71	48	59	27	283	270	0	0	0	0
8	345	18	7	12	74	48	61	30	279	266	0	0	0	0
9	346	21	12	16	94	56	75	27	257	248	2	5	0	0
10	347	22	12	17	88	69	78	22	176	168	0	0	0	0
11	348	24	14	19	82	54	68	32	280	265	0	0	0	0
12	349	27	14	20	90	32	61	47	237	226	T	T	0	0
13	350	20	1	10	89	50	69	28	188	178	T	T	0	0
14	351	8	2	5	92	43	67	18	157	150	70	101	0	0
15	352	14	1	7	94	80	87	7	93	88	23	30	0	0
16	353	15	1	8	86	57	71	21	283	272	0	0	0	0
17	354	21	11	16	83	45	64	40	305	294	0	0	0	0
18	355	32	14	23	96	40	68	36	270	255	T	T	0	0
19	356	23	1	12	92	52	72	18	301	283	2	10	0	0
20	357	34	0	17	90	49	69	34	285	274	0	0	0	0
21	358	47	22	34	98	50	74	49	178	175	4	0	0	0
22	359	41	20	30	91	52	71	42	319	298	0	0	0	0
23	360	36	18	27	99	75	87	16	77	74	25	11	0	0
24	361	20	9	14	93	60	76	18	290	273	T	T	0	0
25	362	23	6	14	94	63	78	18	353	330	0	0	0	0
26	363	31	14	22	100	63	81	16	215	202	13	20	0	0
27	364	35	25	30	100	96	98	2	111	110	5	12	0	0
28	365	32	21	26	99	86	92	10	149	137	T	T	0	0
Sums		690	273	474	2535	1570	2046	740	6209	5903	153	199	0	0
Average		24.6	9.8	16.9	90.5	56.1	73.1	.026	221.7	210.8	.05	.7	.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	29	18	29	19	31	21	31	21	30	20	30	20	31	21	32	21
2	339	33	23	33	23	35	24	36	25	36	23	34	23	35	24	35	25
3	340	30	19	30	19	32	21	32	22	31	20	31	20	32	21	32	21
4	341	32	18	32	18	34	20	35	20	33	19	33	19	34	20	34	21
5	342	27	19	28	19	29	21	30	21	29	19	30	20	30	21	30	22
6	343	28	21	28	22	30	24	31	24	30	23	30	23	31	24	31	24
7	344	27	17	28	18	29	19	30	20	30	18	29	18	31	20	31	19
8	345	26	19	26	19	28	21	29	21	27	20	29	20	29	21	30	21
9	346	27	19	27	19	29	21	29	22	28	20	29	20	30	21	31	22
10	347	26	18	26	18	28	20	29	21	27	19	28	19	29	20	29	20
11	348	28	17	27	17	29	18	30	19	28	17	29	17	30	18	30	19
12	349	32	18	32	17	34	19	34	19	33	18	33	18	33	19	33	20
13	350	27	15	28	14	29	18	30	17	30	16	30	16	31	16	30	17
14	351	28	22	28	22	30	24	30	25	30	23	29	23	32	24	31	24
15	352	27	19	27	19	29	21	30	21	29	19	29	20	30	21	31	21
16	353	27	21	27	21	29	23	29	23	28	21	30	22	30	23	32	23
17	354	27	17	27	16	29	18	29	18	29	18	29	17	30	19	30	18
18	355	29	17	29	17	31	19	31	20	33	18	32	18	32	19	31	19
19	356	25	17	25	16	26	17	27	19	27	16	27	17	28	17	28	18
20	357	31	19	31	20	33	21	33	21	33	20	32	20	33	22	33	21
21	358	30	16	30	17	31	18	31	19	32	18	32	17	32	18	32	18
22	359	28	16	29	16	30	18	31	19	35	17	34	17	36	18	35	18
23	360	31	16	30	16	32	18	32	18	32	16	37	17	32	17	32	18
24	361	26	18	26	18	28	19	28	21	27	19	28	18	28	21	29	20
25	362	26	15	26	15	28	16	28	17	27	16	28	16	29	17	29	17
26	363	30	22	30	21	32	23	32	24	31	23	31	22	32	23	32	23
27	364	30	19	30	19	31	20	31	21	30	19	31	19	31	20	31	21
28	365	28	18	28	18	29	19	30	20	29	18	29	19	30	19	30	20
Sums		795	513	797	513	845	561	858	578	844	533	853	535	871	564	874	571
Averages		28.4	18.3	28.5	18.3	30.2	20.0	30.6	20.6	30.1	19.0	30.5	19.1	31.1	20.1	31.2	20.4

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Cooling Degrees Base 65F
1	338	46	0	0
2	339	40	0	0
3	340	45	0	0
4	341	53	0	0
5	342	59	0	0
6	343	59	0	0
7	344	58	0	0
8	345	53	0	0
9	346	49	0	0
10	347	48	0	0
11	348	46	0	0
12	349	45	0	0
13	350	55	0	0
14	351	60	0	0
15	352	58	0	0
16	353	57	0	0
17	354	49	0	0
18	355	42	0	0
19	356	53	0	0
20	357	48	0	0
21	358	31	0	0
22	359	35	0	0
23	360	38	0	0
24	361	51	0	0
25	362	51	0	0
26	363	43	0	0
27	364	35	0	0
28	365	39	0	0
Sums for month		1346	0	0
4764	Accumulated heating degree days since July 1			
35	Accumulated growing degree days since Jan. 1			
505	Accumulated cooling degree days since Apr. 1			