

## 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 2008

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	307	34	27	30	100	72	86	24	117	84	1	5	0	0
2	308	38	15	26	100	67	83	16	100	93	5	21	0	0
3	309	16	2	9	94	70	82	14	163	108	1	5	0	0
4	310	22	3	12	90	51	70	25	161	98	0	0	0	0
5	311	31	20	25	71	48	59	60	103	73	0	0	0	0
6	312	38	28	33	95	49	72	47	58	55	2	0	0	0
7	313	53	37	45	96	89	92	22	58	54	0	0	0	0
8	314	63	50	56	94	77	85	58	95	70	0	0	0	0
9	315	65	48	56	91	62	76	131	115	98	10	0	0	0
10	316	52	32	42	88	50	69	72	154	64	0	0	0	0
11	317	42	31	36	98	62	80	37	115	100	27	0	0	0
12	318	46	35	40	94	64	79	55	27	26	T	0	0	0
13	319	40	26	33	98	68	83	37	76	72	0	0	0	0
14	320	39	26	32	100	70	85	24	112	90	6	0	0	0
15	321	38	29	33	100	76	88	24	59	57	T	T	0	0
16	322	29	25	27	98	91	94	8	69	65	8	15	0	0
17	323	30	19	24	94	72	83	22	95	89	0	0	0	0
18	324	37	26	31	95	66	80	29	115	108	0	0	0	0
19	325	35	20	27	70	52	61	57	183	80	0	0	0	0
20	326	30	10	20	84	52	68	37	109	94	0	0	0	0
21	327	16	9	12	76	47	61	35	179	92	0	0	0	0
22	328	24	10	17	67	46	56	45	206	62	0	0	0	0
23	329	36	16	26	97	42	69	46	74	71	T	T	0	0
24	330	24	12	18	95	59	77	16	147	117	2	5	0	0
25	331	23	10	16	94	66	80	21	206	89	3	10	0	0
26	332	26	11	18	78	54	66	41	222	51	0	0	0	0
27	333	27	15	21	98	61	79	17	138	130	1	5	0	0
28	334	31	15	23	97	60	78	29	196	98	0	0	0	0
29	335	35	26	30	95	73	84	28	96	88	5	0	0	0
30	336	47	28	37	100	79	89	21	40	38	6	0	0	0
31	337	28	14	21	81	43	62	43	183	125	0	0	0	0
Sums		1095	675	876	2828	1938	2376	1141	3771	2539	77	66	0	0
Average		35.3	21.8	28.3	91.2	62.5	76.6	.037	121.6	81.9	.02	.2	.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	307	29	21	29	21	31	23	31	24	29	21	29	22	30	23	31	24
2	308	30	18	30	18	32	20	33	21	30	19	31	20	32	21	32	21
3	309	22	13	22	14	24	16	25	16	23	14	24	15	25	16	26	17
4	310	27	15	27	15	29	17	29	17	27	15	27	16	28	17	29	18
5	311	28	22	28	22	30	24	31	25	28	23	29	23	30	24	30	24
6	312	28	26	29	26	30	28	31	29	29	27	29	27	30	28	31	28
7	313	39	26	37	26	34	28	33	29	39	27	37	27	36	28	33	28
8	314	50	39	45	37	41	34	40	33	49	39	44	37	42	35	40	33
9	315	51	43	48	42	46	40	44	39	50	44	48	43	47	42	45	40
10	316	46	24	46	25	45	30	45	31	46	25	46	26	46	29	45	31
11	317	38	25	37	27	37	31	38	32	38	26	37	28	37	30	37	32
12	318	40	25	39	26	38	29	38	30	40	26	39	27	38	29	37	30
13	319	35	23	34	24	33	27	33	28	35	23	34	24	34	26	33	27
14	320	35	24	34	25	34	28	35	29	35	24	34	25	34	27	34	28
15	321	33	23	32	24	32	27	33	28	33	24	32	25	32	26	33	27
16	322	25	21	26	21	28	24	29	25	26	21	27	22	28	23	29	24
17	323	29	20	29	20	31	22	32	23	29	21	29	21	31	22	31	23
18	324	31	27	32	27	33	29	34	30	31	28	32	28	33	29	33	30
19	325	29	20	28	21	30	24	30	24	28	22	29	22	30	23	30	24
20	326	26	7	27	12	30	18	31	19	26	10	29	16	29	18	30	19
21	327	20	5	21	10	25	18	26	20	22	9	23	14	25	19	26	20
22	328	21	7	22	12	27	18	28	19	22	9	24	15	27	18	28	19
23	329	26	10	25	12	29	16	30	17	26	12	26	14	28	16	29	17
24	330	21	14	20	14	23	16	25	17	22	14	22	15	23	16	25	17
25	331	22	11	22	12	24	14	25	14	22	11	22	12	24	13	25	15
26	332	23	13	23	13	24	15	25	16	23	11	23	13	24	15	25	16
27	333	27	16	27	17	28	20	28	20	27	15	26	16	27	19	28	20
28	334	26	16	26	17	27	18	28	19	25	16	26	17	27	18	28	18
29	335	28	17	27	18	29	19	29	20	27	17	27	17	28	19	29	19
30	336	32	23	30	23	30	24	31	25	33	24	30	24	30	24	31	25
31	337	25	9	24	14	25	15	26	16	26	10	25	15	26	16	26	16
Sums		942	603	926	635	959	712	976	735	946	627	940	666	961	709	969	730
Averages		30.4	19.5	29.9	20.5	30.9	23.0	31.5	23.7	30.5	20.2	30.3	21.5	31.0	22.9	31.3	23.5

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Cooling Degrees Base 65F
1	307	35	0	0
2	308	39	0	0
3	309	56	0	0
4	310	53	0	0
5	311	40	0	0
6	312	32	0	0
7	313	20	5	0
8	314	9	16	0
9	315	9	16	0
10	316	23	2	0
11	317	29	0	0
12	318	25	0	0
13	319	32	0	0
14	320	33	0	0
15	321	32	0	0
16	322	38	0	0
17	323	41	0	0
18	324	34	0	0
19	325	38	0	0
20	326	45	0	0
21	327	53	0	0
22	328	48	0	0
23	329	39	0	0
24	330	47	0	0
25	331	49	0	0
26	332	47	0	0
27	333	44	0	0
28	334	42	0	0
29	335	35	0	0
30	336	28	0	0
31	337	44	0	0
Sums for month		1139	39	0

3484 Accumulated heating degree days since July 1

39 Accumulated growing degree days since Jan. 1

595 Accumulated cooling degree days since Apr. 1