

## 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

December 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	Thou In Evap	
1	276	39	29	34	100	79	89	10	127	118	40	2	0	0
2	277	47	31	39	100	52	76	65	45	43	T	1	0	0
3	278	32	23	27	94	69	81	29	33	31	0	0	0	0
4	279	45	24	34	84	56	70	66	160	56	0	0	0	0
5	280	45	21	33	93	63	78	43	93	87	T	0	0	0
6	281	29	18	23	94	49	71	32	118	95	T	T	0	0
7	282	29	19	24	87	57	72	39	104	99	0	0	0	0
8	283	26	11	18	93	55	74	23	38	35	T	T	0	0
9	284	27	11	19	96	53	74	24	22	22	10	2	0	0
10	285	53	27	40	100	59	79	57	64	59	3	0	0	0
11	286	39	21	30	100	95	97	4	58	52	9	1	0	0
12	287	29	22	25	100	87	93	6	139	99	31	42	0	0
13	288	28	9	18	100	81	90	7	72	67	3	6	0	0
14	289	31	13	22	90	65	77	27	47	42	0	0	0	0
15	290	45	31	38	87	62	74	68	89	66	3	0	0	0
16	291	55	21	38	92	61	76	49	23	21	T	0	0	0
17	292	33	20	26	100	59	79	26	81	77	42	50	0	0
18	293	34	27	30	100	78	89	19	21	19	T	T	0	0
19	294	32	21	26	97	79	88	22	138	108	0	0	0	0
20	295	25	14	19	99	86	92	4	119	72	60	75	0	0
21	296	24	8	16	99	81	90	7	141	106	14	25	0	0
22	297	34	8	21	97	47	72	29	119	115	T	T	0	0
23	298	19	11	15	86	59	72	24	70	66	0	0	0	0
24	299	31	15	23	91	55	73	36	142	83	5	0	0	0
25	300	46	31	38	98	67	82	41	63	60	5	0	0	0
26	301	33	21	27	89	61	75	43	64	59	0	0	0	0
27	302	40	23	31	100	68	84	32	97	50	79	2	0	0
28	303	53	37	45	100	85	92	17	142	51	13	0	0	0
29	304	56	32	44	90	62	76	59	107	86	0	0	0	0
30	305	43	28	35	92	42	67	77	120	116	T	T	0	0
31	306	30	19	24	100	55	77	33	175	63	35	0	0	0
Sums		1132	646	882	2948	2027	2479	1018	2831	2123	352	206	0	0
Average		36.5	20.8	28.5	95.1	65.4	80.0	.033	91.3	68.5	.11	.7	.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	276	29	26	30	27	33	30	34	31	30	27	31	27	32	29	33	30
2	277	38	25	35	25	34	28	34	29	36	25	35	26	34	28	34	29
3	278	28	22	28	23	30	26	31	27	29	23	29	23	30	25	31	26
4	279	34	25	33	26	31	30	34	31	34	27	33	27	33	29	34	30
5	280	35	17	34	20	34	23	34	25	35	20	34	21	34	23	34	24
6	281	25	17	26	19	29	22	30	23	26	19	27	20	28	22	30	23
7	282	28	17	28	20	31	23	32	25	28	19	29	21	30	23	31	24
8	283	24	10	25	12	28	17	29	19	25	11	26	14	28	17	29	18
9	284	27	17	27	19	30	23	31	24	27	18	28	20	30	22	30	24
10	285	33	26	29	26	30	27	31	28	33	26	29	26	30	27	31	28
11	286	29	20	27	20	28	22	29	23	29	21	27	21	28	22	29	22
12	287	27	21	28	21	29	23	30	23	28	21	28	21	29	23	29	23
13	288	25	17	25	17	27	19	28	19	26	17	26	18	27	19	28	19
14	289	30	18	31	19	32	20	33	21	31	19	31	19	32	21	33	21
15	290	32	28	32	28	34	30	34	31	32	29	32	29	33	30	34	30
16	291	38	20	36	20	35	23	35	24	39	21	37	21	35	23	35	24
17	292	30	20	30	21	32	23	33	24	30	21	31	22	32	23	33	24
18	293	29	21	29	21	31	23	33	24	29	21	30	22	31	23	32	24
19	294	27	20	28	21	29	23	30	24	28	21	28	22	29	23	30	23
20	295	28	21	28	21	30	23	31	24	28	21	29	22	29	23	31	23
21	296	29	20	29	20	31	22	32	23	29	20	30	21	31	22	31	22
22	297	31	18	31	19	33	21	34	22	31	20	32	20	33	21	33	22
23	298	25	18	26	18	27	20	28	20	26	19	27	19	28	20	29	20
24	299	31	23	31	24	32	25	33	26	31	24	32	24	33	25	33	26
25	300	31	22	31	22	33	24	33	25	31	23	31	23	32	24	33	25
26	301	27	20	27	21	29	22	30	23	27	21	28	21	29	23	30	23
27	302	31	25	31	26	33	27	33	28	31	26	31	26	32	27	33	27
28	303	36	27	35	28	32	29	32	30	36	28	33	28	32	29	32	29
29	304	43	24	40	25	34	27	34	28	43	25	38	26	36	27	34	28
30	305	36	24	34	25	33	27	34	28	35	25	33	25	33	27	34	27
31	306	28	21	28	21	30	23	31	24	29	21	29	22	30	23	31	24
Sums		944	650	932	675	964	745	990	776	952	679	944	697	963	743	984	762
Averages		30.5	21.0	30.1	21.8	31.1	24.0	31.9	25.0	30.7	21.9	30.5	22.5	31.1	24.0	31.7	24.6

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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	276	31	0		0
2	277	26	0		0
3	278	38	0		0
4	279	31	0		0
5	280	32	0		0
6	281	42	0		0
7	282	41	0		0
8	283	47	0		0
9	284	46	0		0
10	285	25	0		0
11	286	35	0		0
12	287	40	0		0
13	288	47	0		0
14	289	43	0		0
15	290	27	0		0
16	291	27	0		0
17	292	39	0		0
18	293	35	0		0
19	294	39	0		0
20	295	46	0		0
21	296	49	0		0
22	297	44	0		0
23	298	50	0		0
24	299	42	0		0
25	300	27	0		0
26	301	38	0		0
27	302	34	0		0
28	303	20	5		0
29	304	21	4		0
30	305	30	0		0
31	306	41	0		0
Sums for month		1133	9		0

2667 Accumulated heating degree days since July 1

4402 Accumulated growing degree days since Jan. 1

450 Accumulated cooling degree days since Apr. 1