

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 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	Thou In Evap	
1	307	19	5	12	99	76	87	7	120	116	3	15	0	0
2	308	26	6	16	91	53	72	27	176	63	0	0	0	0
3	309	34	24	29	98	56	77	35	94	81	T	2	0	0
4	310	28	8	18	94	65	79	21	148	98	0	0	0	0
5	311	35	11	23	95	54	74	31	154	86	T	0	0	0
6	312	34	9	21	95	47	71	34	151	76	0	0	0	0
7	313	32	12	22	100	63	81	20	127	74	45	5	0	0
8	314	37	26	31	100	76	88	14	32	30	23	10	0	0
9	315	27	17	22	100	71	85	18	113	78	T	20	0	0
10	316	27	3	15	97	63	80	12	161	95	0	0	0	0
11	317	19	6	12	98	89	93	4	70	66	17	30	0	0
12	318	22	8	15	98	74	86	9	126	108	0	0	0	0
13	319	28	15	21	89	62	75	30	184	49	0	0	0	0
14	320	35	2	18	100	69	84	20	127	118	10	10	0	0
15	321	10	2	6	93	54	73	13	172	90	6	10	0	0
16	322	16	1	8	93	64	78	14	185	105	0	0	0	0
17	323	9	-2	3	78	54	66	20	203	47	0	0	0	0
18	324	17	-2	7	92	46	69	19	148	139	14	10	0	0
19	325	26	16	21	98	76	87	14	93	87	5	15	0	0
20	326	25	1	13	96	53	74	17	104	91	0	0	0	0
21	327	21	8	14	94	69	81	14	177	113	T	T	0	0
22	328	26	8	17	81	57	69	32	150	136	0	0	0	0
23	329	30	15	22	99	70	84	22	98	90	0	0	0	0
24	330	46	13	29	91	62	76	46	143	139	T	T	0	0
25	331	13	2	7	84	58	71	19	208	153	0	0	0	0
26	332	19	5	12	86	50	68	28	190	107	0	0	0	0
27	333	22	6	14	88	39	63	33	222	119	0	0	0	0
28	334	28	13	20	98	43	70	28	203	63	27	20	0	0
29	335	29	15	22	100	78	89	10	54	43	38	82	0	0
30	336	28	16	22	85	53	69	39	177	143	0	0	0	0
31	337	28	11	19	91	57	74	30	179	113	T	2	0	0
Sums		796	280	531	2901	1901	2393	680	4489	2916	188	231	0	0
Average		25.7	9.0	17.1	93.6	61.3	77.2	.022	144.8	94.1	.06	.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	307	27	19	27	19	29	22	30	22	28	20	28	21	29	22	30	22
2	308	30	20	30	20	32	22	33	23	30	21	31	21	32	23	32	23
3	309	30	22	30	23	32	25	33	25	30	23	31	24	32	25	32	25
4	310	26	16	26	16	28	18	29	19	27	17	27	17	28	18	29	19
5	311	28	18	28	19	30	21	31	21	29	20	30	20	30	21	31	22
6	312	26	17	27	17	28	19	29	20	27	18	28	18	29	20	29	20
7	313	29	19	30	19	31	21	32	21	30	20	30	20	31	21	31	21
8	314	30	22	30	22	32	24	33	25	31	23	31	23	32	24	32	25
9	315	25	20	25	20	27	22	28	22	26	21	26	21	27	22	28	22
10	316	24	16	24	17	25	18	26	19	24	17	25	17	26	18	26	18
11	317	27	18	27	18	29	20	29	20	28	19	28	19	29	20	29	20
12	318	25	18	25	18	26	19	27	20	25	18	26	18	27	19	27	20
13	319	29	19	29	19	31	21	31	21	29	20	29	20	30	21	31	21
14	320	31	18	32	18	33	20	33	20	32	19	32	19	33	20	33	20
15	321	26	19	26	19	28	20	28	21	27	19	27	19	28	20	28	21
16	322	27	16	28	16	29	18	30	18	28	17	28	17	29	18	30	18
17	323	25	16	25	17	27	18	28	19	26	18	27	18	28	20	28	19
18	324	29	21	28	20	30	23	31	23	29	22	29	22	30	22	34	23
19	325	30	17	30	17	32	18	32	19	31	17	31	18	32	18	37	19
20	326	28	16	28	16	29	17	30	18	29	17	29	17	29	18	30	18
21	327	24	14	24	14	26	16	26	17	25	15	25	15	26	17	27	16
22	328	24	15	25	16	26	18	27	18	25	17	26	17	27	18	27	18
23	329	25	17	26	17	27	19	28	20	26	18	27	18	27	19	28	19
24	330	29	18	29	18	31	20	31	20	29	19	30	19	31	20	31	21
25	331	24	12	24	12	26	14	26	14	25	13	25	13	26	14	26	14
26	332	25	13	25	12	26	14	27	15	26	14	26	14	27	15	27	15
27	333	24	13	25	14	26	16	27	16	26	15	27	14	27	16	28	16
28	334	27	17	27	17	29	19	29	19	28	18	28	18	29	19	29	19
29	335	29	16	29	16	31	18	31	19	30	17	30	17	31	18	31	18
30	336	26	17	26	17	28	18	28	19	27	18	27	18	28	18	28	19
31	337	28	16	28	16	30	18	30	18	29	17	29	17	30	18	30	19
Sums		837	535	843	539	894	596	913	611	862	567	873	569	900	602	919	610
Averages		27.0	17.3	27.2	17.4	28.8	19.2	29.5	19.7	27.8	18.3	28.2	18.4	29.0	19.4	29.6	19.7

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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	307	53	0		0
2	308	49	0		0
3	309	36	0		0
4	310	47	0		0
5	311	42	0		0
6	312	44	0		0
7	313	43	0		0
8	314	34	0		0
9	315	43	0		0
10	316	50	0		0
11	317	53	0		0
12	318	50	0		0
13	319	44	0		0
14	320	47	0		0
15	321	59	0		0
16	322	57	0		0
17	323	62	0		0
18	324	58	0		0
19	325	44	0		0
20	326	52	0		0
21	327	51	0		0
22	328	48	0		0
23	329	43	0		0
24	330	36	0		0
25	331	58	0		0
26	332	53	0		0
27	333	51	0		0
28	334	45	0		0
29	335	43	0		0
30	336	43	0		0
31	337	46	0		0
Sums for month		1484	0		0

4151 Accumulated heating degree days since July 1

0 Accumulated growing degree days since Jan. 1

450 Accumulated cooling degree days since Apr. 1