

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

October 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	215	63	52	57	100	85	92	15	161	155	30	0	61	66
2	216	60	45	52	100	77	88	15	245	244	23	0	40	62
3	217	56	44	50	100	56	78	44	331	317	25	0	117	124
4	218	54	40	47	94	48	71	81	325	309	0	0	116	116
5	219	58	39	48	100	52	76	56	255	248	0	0	57	109
6	220	57	40	48	100	55	77	44	316	304	4	0	39	74
7	221	55	33	44	100	50	75	47	369	345	0	0	70	85
8	222	60	35	47	100	48	74	62	210	206	0	0	36	90
9	223	67	44	55	98	61	79	80	339	47	0	0	116	70
10	224	72	46	59	92	43	67	150	336	39	0	0	85	171
11	225	68	41	54	97	36	66	116	316	47	0	0	55	301
12	226	69	42	55	100	43	71	85	321	48	0	0	22	65
13	227	74	44	59	96	43	69	143	218	165	0	0	50	109
14	228	77	49	63	94	44	69	162	147	106	0	0	39	88
15	229	76	43	59	100	63	81	60	270	71	2	0	79	76
16	230	65	43	54	100	55	77	103	138	112	95	0	34	106
17	231	57	44	50	100	63	81	65	198	129	53	0	108	106
18	232	52	31	41	100	58	79	42	299	79	0	0	61	97
19	233	50	29	39	100	44	72	52	305	34	0	0	68	78
20	234	53	31	42	99	40	69	66	189	129	0	0	29	42
21	235	58	35	46	100	44	72	117	150	129	30	0	38	61
22	236	48	35	41	100	76	88	13	161	152	33	0	227	69
23	237	41	35	38	99	80	89	25	236	134	3	0	57	78
24	238	48	32	40	99	58	78	42	177	171	0	0	17	57
25	239	51	38	44	100	51	75	71	38	36	19	0	165	210
26	240	56	42	49	100	79	89	34	238	231	81	0	134	16
27	241	62	41	51	100	55	77	83	152	148	5	0	104	47
28	242	50	39	44	100	51	75	62	37	36	61	0	34	35
29	243	41	32	36	99	73	86	26	97	96	44	0	309	161
30	244	36	30	33	100	67	83	33	278	257	10	11	50	1
31	245	46	32	39	90	47	68	58	262	245	0	0	131	86
Sums		1780	1206	1484	3057	1745	2391	2052	7114	4769	518	11	2548	2856
Average		57.4	38.9	47.9	98.6	56.3	77.1	.066	229.5	153.8	.17	0.0	82.2	.092

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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	215	62	54	61	55	60	58	61	59	61	54	61	55	60	57	61	58
2	216	67	48	63	51	60	55	60	57	65	49	62	51	61	54	63	56
3	217	63	47	60	49	58	53	58	55	61	47	59	49	58	52	57	54
4	218	62	41	59	44	56	49	56	52	59	42	58	44	57	48	56	51
5	219	66	43	62	46	56	50	55	52	64	44	60	46	57	49	55	51
6	220	62	47	59	48	55	51	55	53	61	47	59	48	57	49	55	52
7	221	63	39	60	42	56	49	55	51	62	40	60	43	58	47	55	50
8	222	68	41	63	44	55	49	54	51	67	42	62	45	58	47	54	50
9	223	65	48	60	48	56	50	56	52	63	47	59	48	56	49	57	51
10	224	70	44	66	47	59	52	57	54	68	46	65	48	61	51	59	54
11	225	70	44	66	47	58	52	56	54	70	45	66	48	61	51	57	53
12	226	72	44	67	47	58	52	57	54	71	45	66	48	61	51	57	53
13	227	72	50	67	50	59	53	58	54	71	49	66	50	61	52	58	54
14	228	72	49	67	51	60	56	59	57	71	50	67	53	63	55	59	56
15	229	71	45	67	48	60	53	59	55	70	46	66	49	62	52	59	55
16	230	70	49	65	50	59	53	59	55	69	49	65	50	61	52	59	55
17	231	61	47	60	49	59	52	59	54	60	48	60	49	59	51	59	53
18	232	57	32	56	35	54	42	54	45	56	33	55	36	54	40	53	44
19	233	56	27	53	30	50	37	50	41	55	28	53	31	51	35	50	40
20	234	57	31	53	34	48	40	47	43	56	33	53	35	50	39	47	42
21	235	55	36	51	37	48	42	48	44	54	36	51	37	49	40	48	38
22	236	48	33	47	34	47	38	48	40	47	33	47	35	47	37	48	40
23	237	46	34	44	35	44	38	45	41	45	34	43	35	43	37	44	40
24	238	56	31	52	33	47	39	46	42	54	32	51	34	48	37	46	40
25	239	51	36	48	36	46	41	46	43	49	36	46	36	46	39	46	42
26	240	52	37	50	39	47	44	47	45	51	38	50	40	48	43	47	44
27	241	56	37	53	39	49	43	48	44	55	38	52	40	49	42	48	43
28	242	48	37	47	38	45	41	45	42	47	37	46	38	45	40	45	41
29	243	38	27	39	29	42	34	43	37	38	28	40	30	41	33	43	36
30	244	35	24	35	27	37	31	38	34	35	25	35	27	36	30	37	33
31	245	47	27	44	28	40	32	39	34	45	27	43	28	41	31	39	33
Sums		1838	1229	1744	1290	1628	1429	1618	1494	1800	1248	1726	1306	1659	1390	1621	1462
Averages		59.3	39.6	56.3	41.6	52.5	46.1	52.2	48.2	58.1	40.3	55.7	42.1	53.5	44.8	52.3	47.2

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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	215	8	17		0
2	216	13	12		0
3	217	15	10		0
4	218	18	7		0
5	219	17	8		0
6	220	17	8		0
7	221	21	4		0
8	222	18	7		0
9	223	10	15		0
10	224	6	19		0
11	225	11	14		0
12	226	10	15		0
13	227	6	19		0
14	228	2	23		0
15	229	6	19		0
16	230	11	14		0
17	231	15	10		0
18	232	24	1		0
19	233	26	0		0
20	234	23	2		0
21	235	19	6		0
22	236	24	1		0
23	237	27	0		0
24	238	25	0		0
25	239	21	4		0
26	240	16	9		0
27	241	14	11		0
28	242	21	4		0
29	243	29	0		0
30	244	32	0		0
31	245	26	0		0
Sums for month		531	259		0

733 Accumulated heating degree days since July 1

4281 Accumulated growing degree days since Jan. 1

450 Accumulated cooling degree days since Apr. 1