

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 2006

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	56	43	49	96	64	80	54	170	130	14	0	128	75
2	216	64	40	52	93	60	76	75	237	150	4	0	104	103
3	217	66	48	57	97	48	72	98	351	128	0	0	35	105
4	218	71	50	60	100	78	89	17	127	108	6	0	80	54
5	219	68	43	55	100	82	91	36	59	57	15	0	75	44
6	220	54	37	45	97	48	72	66	343	119	0	0	65	136
7	221	57	35	46	100	50	75	57	366	63	0	0	52	100
8	222	63	37	50	100	35	67	71	372	34	0	0	21	107
9	223	70	44	57	100	61	80	75	352	35	0	0	36	178
10	224	75	50	62	98	40	69	131	347	44	0	0	62	143
11	225	62	48	55	98	60	79	68	291	142	0	0	61	44
12	226	61	52	56	99	80	89	77	78	77	40	0	220	115
13	227	55	28	41	99	33	66	50	206	108	T	0	18	140
14	228	51	30	40	70	32	51	152	344	63	0	0	176	138
15	229	47	38	42	88	43	65	81	191	113	4	0	96	95
16	230	51	33	42	94	45	69	83	228	130	0	0	74	87
17	231	58	34	46	97	42	69	137	290	67	5	0	84	143
18	232	59	48	53	98	83	90	36	40	40	64	0	183	1
19	233	60	47	53	100	76	88	50	89	67	0	0	56	41
20	234	66	44	55	100	78	89	20	112	74	108	0	71	0
21	235	44	37	40	100	86	93	16	43	42	75	0	0	46
22	236	49	39	44	98	63	80	44	156	129	4	0	0	176
23	237	52	37	44	94	69	81	60	53	51	11	0	0	52
24	238	46	36	41	91	49	70	72	143	114	0	0	0	97
25	239	41	37	39	99	84	91	21	112	109	14	0	188	20
26	240	48	35	41	98	57	77	48	203	105	7	0	117	108
27	241	47	29	38	97	54	75	38	182	117	T	0	84	78
28	242	47	30	38	99	67	83	36	133	95	81	0	145	78
29	243	49	37	43	100	58	79	37	58	52	34	0	208	129
30	244	45	34	39	76	47	61	109	132	110	0	0	177	102
31	245	58	40	49	82	37	59	138	258	86	0	0	78	104
Sums		1740	1220	1472	2958	1809	2375	2053	6066	2759	486	0	2694	2839
Average		56.1	39.4	47.5	95.4	58.4	76.6	.066	195.7	89.0	.16	.0	86.9	.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	57	48	56	49	55	52	56	54	56	47	55	48	56	51	56	53
2	216	64	47	61	50	57	54	58	55	63	48	61	50	59	52	58	54
3	217	69	51	65	51	58	54	58	55	68	51	64	51	60	53	58	54
4	218	66	53	63	54	59	56	59	56	66	53	63	54	60	55	59	56
5	219	61	49	60	51	59	55	59	57	62	49	60	51	60	54	59	56
6	220	65	43	62	46	58	52	58	55	64	44	61	47	59	50	58	54
7	221	65	42	62	46	56	51	56	53	64	42	61	45	58	49	57	52
8	222	66	44	62	46	55	50	55	52	65	44	61	46	58	49	55	51
9	223	69	49	64	48	57	51	57	52	70	48	65	48	60	50	58	51
10	224	71	53	67	53	59	55	60	55	72	53	68	53	62	54	60	55
11	225	69	54	65	55	60	57	59	57	70	54	65	55	62	56	59	57
12	226	61	54	59	55	59	57	59	58	61	54	60	55	59	57	60	53
13	227	61	36	59	39	58	47	58	50	61	36	59	39	59	44	60	48
14	228	54	37	53	39	52	45	53	46	55	38	54	39	53	43	53	46
15	229	50	35	48	36	48	41	50	43	50	35	49	36	49	39	49	42
16	230	51	33	50	36	48	41	48	42	52	34	50	36	49	39	48	42
17	231	60	37	56	38	52	41	52	43	60	36	57	37	53	40	52	42
18	232	54	47	53	47	52	47	53	47	54	46	53	46	53	47	53	47
19	233	56	44	55	46	53	47	53	47	57	45	55	46	54	48	53	47
20	234	62	43	59	45	55	48	54	48	62	44	59	45	56	47	55	48
21	235	49	34	50	37	52	41	52	42	49	35	49	37	52	39	53	42
22	236	51	37	49	37	49	41	51	42	50	36	49	38	49	40	50	41
23	237	51	34	49	36	50	41	51	42	51	35	50	37	50	39	51	42
24	238	44	29	43	31	45	36	46	38	45	30	44	32	45	35	46	37
25	239	41	32	36	32	42	36	43	37	42	31	41	32	42	35	43	37
26	240	48	31	46	32	44	36	44	37	48	31	46	32	45	36	45	37
27	241	47	29	45	30	43	36	44	37	47	28	46	30	44	34	43	37
28	242	49	32	47	32	46	37	47	39	48	31	46	32	46	35	47	38
29	243	46	28	46	30	46	35	46	37	46	29	46	31	46	34	46	36
30	244	39	26	39	27	40	32	41	34	42	26	40	28	40	31	41	33
31	245	50	29	47	29	45	33	45	35	49	28	47	29	44	31	45	34
Sums		1746	1240	1676	1283	1612	1405	1625	1445	1749	1241	1684	1285	1642	1366	1630	1422
Averages		56.3	40.0	54.1	41.4	52.0	45.3	52.4	46.6	56.4	40.0	54.3	41.5	53.0	44.1	52.6	45.9

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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	16	9		0
2	216	13	12		0
3	217	8	17		0
4	218	5	20		0
5	219	10	15		0
6	220	20	5		0
7	221	19	6		0
8	222	15	10		0
9	223	8	17		0
10	224	3	22		0
11	225	10	15		0
12	226	9	16		0
13	227	24	1		0
14	228	25	0		0
15	229	23	2		0
16	230	23	2		0
17	231	19	6		0
18	232	12	13		0
19	233	12	13		0
20	234	10	15		0
21	235	25	0		0
22	236	21	4		0
23	237	21	4		0
24	238	24	1		0
25	239	26	0		0
26	240	24	1		0
27	241	27	0		0
28	242	27	0		0
29	243	22	3		0
30	244	26	0		0
31	245	16	9		0
Sums for month		543	238		0
746	Accumulated heating degree days since July 1				
4320	Accumulated growing degree days since Jan. 1				
505	Accumulated cooling degree days since Apr. 1				