

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 2004

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	64	44	54	98	63	80	80	397	69	0	0	43	46
2	216	70	47	58	98	60	79	47	192	137	T	0	82	87
3	217	69	40	54	90	51	70	134	385	51	15	0	95	48
4	218	62	43	52	96	69	82	53	87	68	0	0	65	142
5	219	65	35	50	92	49	70	98	402	49	0	0	91	77
6	220	53	37	45	96	46	71	84	182	105	0	0	58	69
7	221	67	40	53	95	48	71	67	244	142	0	0	54	109
8	222	77	47	62	89	42	65	135	374	58	0	0	46	121
9	223	76	50	63	95	43	69	165	356	52	0	0	96	219
10	224	69	46	57	87	37	62	227	327	116	T	0	93	85
11	225	49	45	47	95	43	69	141	148	122	1	0	98	48
12	226	47	40	43	93	73	83	56	84	82	0	0	98	83
13	227	59	38	48	91	68	79	60	102	92	0	0	93	85
14	228	62	38	50	94	50	72	83	296	95	10	0	44	100
15	229	56	48	52	97	38	67	92	270	89	12	0	66	122
16	230	58	43	50	100	79	89	34	94	93	46	0	81	35
17	231	55	41	48	100	77	88	31	58	57	5	0	120	102
18	232	43	38	40	87	55	71	85	136	124	22	0	92	5
19	233	49	39	44	93	78	85	39	86	80	34	0	63	93
20	234	46	42	44	100	61	80	45	169	143	12	0	95	15
21	235	48	46	47	100	98	99	1	34	33	6	0	78	3
22	236	51	43	47	100	91	95	10	32	32	21	0	49	32
23	237	54	34	44	100	98	99	2	28	28	0	0	109	7
24	238	54	39	46	99	75	87	21	126	101	0	0	67	178
25	239	49	43	46	99	57	78	72	304	43	4	0	124	13
26	240	52	46	49	100	73	86	32	102	98	3	0	43	32
27	241	60	44	52	100	91	95	7	57	56	0	0	30	81
28	242	55	33	44	100	62	81	38	163	121	0	0	39	77
29	243	55	35	45	100	67	83	25	110	96	0	0	55	83
30	244	61	43	52	100	42	71	47	211	89	49	0	65	1
31	245	69	52	60	100	60	80	66	171	130	3	0	138	33
Sums	1804	1299	1546	2984	1944	2456	2077	2077	5727	2651	243	0	2370	2231
Average	58.2	41.9	49.9	96.3	62.7	79.2	.067	.067	184.7	85.5	.08	.0	76.5	.072

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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	75	57	73	58	66	61	65	62	74	57	72	58	68	60	65	62
2	216	68	50	66	52	63	58	63	60	68	51	66	53	65	56	63	59
3	217	75	54	72	54	65	57	64	59	75	54	70	54	67	57	64	58
4	218	65	46	64	48	62	55	62	58	65	46	64	49	63	53	62	56
5	219	67	48	66	50	61	55	60	57	68	48	65	50	63	53	60	56
6	220	62	43	60	46	58	52	58	55	61	43	59	46	58	50	58	53
7	221	60	43	59	45	56	51	56	53	60	43	58	45	57	49	57	52
8	222	69	46	65	47	57	51	57	53	68	45	64	46	60	49	57	52
9	223	74	52	70	52	61	54	60	55	73	52	69	52	64	53	60	55
10	224	73	55	70	55	63	57	62	57	72	54	69	55	65	56	62	57
11	225	66	51	64	52	61	56	60	58	65	51	65	53	63	55	62	57
12	226	55	49	55	50	57	54	58	55	56	49	56	51	57	52	58	54
13	227	55	46	55	47	55	52	56	53	55	46	55	48	55	50	56	52
14	228	64	43	61	45	56	50	55	52	64	43	60	45	58	48	56	50
15	229	64	46	63	46	58	49	57	50	64	45	61	45	59	47	57	49
16	230	59	50	58	50	57	52	57	53	59	49	58	49	58	51	58	52
17	231	59	44	58	46	57	50	57	51	59	45	58	47	57	49	57	50
18	232	56	41	55	42	54	46	55	48	55	41	56	42	55	44	55	47
19	233	48	35	49	37	50	42	51	45	48	35	49	37	50	41	51	44
20	234	53	38	52	40	51	43	52	45	52	38	51	38	51	41	51	43
21	235	49	43	49	44	50	46	51	47	49	43	50	44	50	45	53	46
22	236	50	45	51	45	51	47	52	47	51	45	51	45	51	46	52	46
23	237	53	45	52	45	52	47	52	48	53	45	52	45	53	46	53	47
24	238	58	36	56	38	53	44	53	46	59	36	56	38	54	42	53	45
25	239	58	40	56	40	53	44	53	46	57	40	55	40	54	42	52	45
26	240	52	43	51	43	51	46	51	47	53	43	51	43	51	45	51	46
27	241	52	45	52	45	51	46	51	46	53	45	52	45	52	45	52	45
28	242	60	44	56	45	54	47	53	48	60	45	58	46	56	47	54	46
29	243	56	35	55	38	54	44	53	46	57	35	56	38	54	42	54	44
30	244	56	38	55	39	51	44	51	46	56	38	53	37	53	42	51	44
31	245	58	43	56	43	54	45	54	46	59	43	56	43	55	44	56	45
Sums		1869	1394	1824	1427	1742	1545	1739	1592	1868	1393	1815	1427	1776	1500	1750	1557
Averages		60.3	45.0	58.8	46.0	56.2	49.8	56.1	51.4	60.3	44.9	58.5	46.0	57.3	48.4	56.5	50.2

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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	11	14		0
2	216	7	18		0
3	217	11	14		0
4	218	13	12		0
5	219	15	10		0
6	220	20	5		0
7	221	12	13		0
8	222	3	22		0
9	223	2	23		0
10	224	8	17		0
11	225	18	7		0
12	226	22	3		0
13	227	17	8		0
14	228	15	10		0
15	229	13	12		0
16	230	15	10		0
17	231	17	8		0
18	232	25	0		0
19	233	21	4		0
20	234	21	4		0
21	235	18	7		0
22	236	18	7		0
23	237	21	4		0
24	238	19	6		0
25	239	19	6		0
26	240	16	9		0
27	241	13	12		0
28	242	21	4		0
29	243	20	5		0
30	244	13	12		0
31	245	5	20		0
Sums for month		469	306		0
609	Accumulated heating degree days since July 1				
4313	Accumulated growing degree days since Jan. 1				
4314	Accumulated cooling degree days since Apr. 1				