

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 2005

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	Max	Min	Avg	Max	Min	Avg	Thou	Gm Cal/Cm2	Hund	Tnth	1.5 Ft	Thou In	Evap
								In/Hg	Total	Diff	Ins	Ins		
1	215	66	44	55	98	37	67	128	396	216	0	0	104	122
2	216	73	48	60	98	47	72	121	379	352	0	0	1	110
3	217	77	53	65	91	59	75	139	327	309	0	0	62	107
4	218	79	56	67	98	50	74	141	346	88	0	0	28	116
5	219	78	57	67	98	63	80	113	357	71	0	0	110	155
6	220	76	58	67	97	66	81	135	341	66	0	0	28	116
7	221	78	57	67	100	94	97	3	41	40	0	0	163	156
8	222	68	45	56	100	83	91	28	47	47	153	0	191	186
9	223	47	44	45	100	91	95	6	70	70	5	0	46	83
10	224	48	45	46	100	86	93	11	93	92	10	0	62	1
11	225	57	48	52	100	93	96	9	108	107	3	0	36	26
12	226	56	52	54	100	88	94	14	90	85	7	0	65	64
13	227	58	49	53	100	91	95	4	203	104	8	0	94	30
14	228	56	49	52	100	97	98	3	100	92	67	0	47	69
15	229	59	49	54	100	47	73	84	208	123	5	0	34	129
16	230	62	47	54	89	73	81	63	165	129	29	0	150	42
17	231	53	46	49	97	61	79	60	150	106	2	0	186	76
18	232	56	43	49	96	55	75	95	261	102	8	0	94	87
19	233	59	41	50	91	43	67	87	280	75	0	0	121	112
20	234	68	35	51	98	49	73	70	31	30	0	0	136	112
21	235	55	36	45	97	48	72	63	94	91	0	0	68	178
22	236	56	36	46	100	96	98	2	91	88	T	0	37	81
23	237	43	40	41	100	88	94	11	33	32	123	0	84	536
24	238	44	33	38	100	82	91	11	93	90	15	0	72	251
25	239	45	34	39	100	93	96	5	111	97	45	0	49	0
26	240	43	37	40	94	66	80	42	148	97	122	0	0	0
27	241	42	37	39	99	52	75	39	171	126	8	0	0	0
28	242	44	30	37	99	65	82	25	272	101	T	0	0	0
29	243	46	31	38	85	64	74	79	119	115	3	0	0	0
30	244	50	38	44	90	44	67	109	139	99	0	0	0	0
31	245	62	37	49	88	41	64	130	137	98	0	0	0	0
Sums		1804	1355	1569	3003	2112	2549	1830	5401	3338	613	0	2068	2945
Average		58.2	43.7	50.6	96.9	68.1	82.2	.059	174.2	107.7	.20	.0	66.7	.095

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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	73	52	69	53	62	55	63	57	75	52	71	53	66	55	62	56
2	216	76	56	72	56	65	59	65	58	78	56	74	56	69	57	65	58
3	217	78	59	75	59	67	60	67	61	79	60	75	60	70	61	67	61
4	218	80	59	77	60	69	63	68	63	82	59	76	61	73	63	69	63
5	219	81	60	76	61	69	63	68	63	80	60	76	62	72	63	69	63
6	220	80	63	77	62	70	63	69	63	80	62	77	63	73	63	70	63
7	221	67	53	67	54	67	59	68	62	67	52	68	55	68	58	68	60
8	222	54	50	55	51	60	55	62	57	54	49	56	51	59	53	62	56
9	223	54	51	55	51	57	55	58	56	55	50	56	51	56	53	58	54
10	224	62	54	61	54	59	55	59	56	62	53	60	53	60	54	61	55
11	225	62	55	61	55	59	57	59	58	61	55	62	55	60	56	60	56
12	226	62	53	61	54	60	56	59	57	61	53	61	54	60	55	60	57
13	227	62	54	61	54	59	56	60	57	61	54	61	54	60	56	60	56
14	228	63	53	61	55	60	57	60	58	62	53	62	55	61	56	66	56
15	229	64	49	62	51	60	54	59	56	63	50	61	50	60	53	59	55
16	230	55	46	55	46	56	49	57	52	55	45	55	47	56	49	57	50
17	231	57	45	56	46	55	49	55	50	58	45	56	46	54	48	55	49
18	232	56	41	56	43	55	48	55	50	57	41	56	43	56	46	56	49
19	233	59	35	55	38	54	44	54	47	59	36	56	39	55	43	55	46
20	234	56	37	55	39	52	44	53	46	57	37	54	39	53	42	53	46
21	235	59	40	56	40	53	44	54	46	59	40	56	40	54	43	54	45
22	236	49	40	49	40	51	43	52	44	49	39	49	40	50	42	52	44
23	237	49	34	48	36	48	42	49	44	49	34	48	37	48	40	49	42
24	238	50	36	49	37	49	41	50	43	50	36	48	37	49	40	49	42
25	239	46	36	47	37	48	40	50	41	46	36	47	36	48	38	49	40
26	240	45	34	44	35	45	39	46	40	45	34	45	35	45	38	46	40
27	241	46	29	46	31	45	37	46	39	46	29	46	32	46	35	45	38
28	242	48	30	46	31	45	37	45	39	48	30	46	32	46	35	45	38
29	243	49	34	48	35	46	38	46	39	48	35	47	35	46	37	46	39
30	244	55	34	52	36	48	39	49	40	55	35	51	37	49	39	48	40
31	245	53	39	51	38	49	42	50	43	53	39	50	39	49	40	49	42
Sums		1850	1411	1803	1438	1742	1543	1755	1585	1854	1409	1806	1447	1771	1511	1764	1559
Averages		59.7	45.5	58.2	46.4	56.2	49.8	56.6	51.1	59.8	45.5	58.3	46.7	57.1	48.7	56.9	50.3

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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	10	15		0
2	216	5	20		0
3	217	0	25		0
4	218	0	27		2
5	219	0	27		2
6	220	0	27		2
7	221	0	27		2
8	222	9	16		0
9	223	20	5		0
10	224	19	6		0
11	225	13	12		0
12	226	11	14		0
13	227	12	13		0
14	228	13	12		0
15	229	11	14		0
16	230	11	14		0
17	231	16	9		0
18	232	16	9		0
19	233	15	10		0
20	234	14	11		0
21	235	20	5		0
22	236	19	6		0
23	237	24	1		0
24	238	27	0		0
25	239	26	0		0
26	240	25	0		0
27	241	26	0		0
28	242	28	0		0
29	243	27	0		0
30	244	21	4		0
31	245	16	9		0
Sums for month		454	338		8

540 Accumulated heating degree days since July 1
 4646 Accumulated growing degree days since Jan. 1
 762 Accumulated cooling degree days since Apr. 1