

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 2002**

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	78	54	66	91	50	70	169	386	118	0	0	78	169
2	216	83	60	71	88	45	66	233	352	122	0	0	44	151
3	217	81	48	64	97	54	75	151	220	148	21	0	75	127
4	218	62	51	56	96	66	81	60	182	113	9	0	23	137
5	219	74	62	68	91	63	77	135	150	142	11	0	162	108
6	220	74	42	58	95	52	73	123	190	137	0	0	51	146
7	221	65	46	55	85	43	64	199	381	45	0	0	133	186
8	222	60	40	50	74	46	60	133	251	112	0	0	82	149
9	223	55	36	45	94	41	67	94	355	94	T	0	24	97
10	224	64	42	53	95	48	71	122	260	177	0	0	63	98
11	225	67	48	57	96	60	78	82	316	115	0	0	49	92
12	226	56	51	53	98	84	91	20	67	66	16	0	60	11
13	227	64	53	58	98	78	88	70	152	143	T	0	93	66
14	228	60	36	48	95	60	77	81	80	67	11	0	71	54
15	229	50	34	42	91	42	66	77	259	121	0	0	35	78
16	230	57	36	46	96	40	68	121	278	130	5	0	117	101
17	231	48	42	45	98	91	94	11	39	37	68	0	43	67
18	232	51	36	43	91	44	67	83	287	128	0	0	51	106
19	233	55	38	46	91	52	71	99	189	80	15	0	58	194
20	234	59	39	49	91	56	73	81	98	68	11	0	92	65
21	235	53	38	45	83	45	64	103	231	114	0	0	47	68
22	236	47	32	39	93	47	70	59	194	114	0	0	27	8
23	237	47	35	41	96	58	77	35	152	135	17	0	33	13
24	238	43	29	36	90	61	75	47	151	123	2	0	43	39
25	239	43	27	35	97	54	75	41	190	131	0	0	26	63
26	240	45	28	36	97	56	76	41	191	103	57	0	112	28
27	241	50	41	45	97	72	84	39	84	82	T	0	46	32
28	242	51	35	43	92	45	68	91	131	101	1	0	69	66
29	243	44	34	39	93	49	71	62	190	126	0	0	53	73
30	244	41	32	36	93	49	71	74	125	114	0	0	39	36
31	245	40	27	33	91	52	71	48	162	138	0	0	50	0
Sums		1767	1252	1501	2873	1703	2279	2784	6293	3444	244	0	1949	2628
Average		57.0	40.4	48.4	92.7	54.9	73.5	.090	203.0	111.1	.08	.0	62.9	.085

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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	76	58	71	57	66	60	65	60	79	57	73	57	70	58	66	60
2	216	77	61	74	61	69	62	68	63	81	61	76	61	72	62	69	62
3	217	78	62	74	64	70	65	69	65	80	62	75	64	73	65	70	65
4	218	70	60	69	61	66	62	67	63	71	59	68	60	68	62	68	62
5	219	70	61	68	62	66	62	66	63	70	61	68	61	67	62	66	63
6	220	64	50	65	52	65	58	64	60	66	49	65	52	65	56	66	59
7	221	67	52	66	53	63	57	63	60	70	51	66	53	64	56	63	59
8	222	65	45	63	48	62	54	62	57	67	44	64	48	63	52	62	56
9	223	67	46	64	49	61	53	60	56	68	45	64	48	61	51	60	54
10	224	64	48	62	49	60	53	59	56	65	47	61	49	60	51	59	54
11	225	71	51	66	52	63	55	61	56	71	50	66	52	64	54	62	56
12	226	60	55	59	56	60	58	60	58	60	55	61	56	60	57	61	58
13	227	66	55	64	56	62	58	61	58	66	55	64	56	63	57	61	58
14	228	59	40	60	44	59	51	60	54	59	40	60	44	60	48	61	53
15	229	58	37	56	40	56	47	56	50	57	36	56	39	56	43	56	47
16	230	58	40	55	41	55	46	55	49	58	38	56	40	55	43	55	47
17	231	53	44	53	46	55	49	56	51	54	44	54	46	54	48	55	50
18	232	59	40	58	42	56	47	56	49	60	39	58	42	57	45	56	47
19	233	56	41	55	42	54	47	54	49	56	40	54	43	54	45	54	48
20	234	55	39	55	41	54	46	54	48	57	38	55	41	55	44	54	47
21	235	56	40	55	42	53	46	54	48	57	40	55	41	54	44	54	47
22	236	53	39	52	41	52	45	53	47	52	38	52	40	53	43	52	45
23	237	55	40	53	42	52	45	52	46	54	40	52	41	52	43	52	44
24	238	52	33	51	36	51	42	52	44	52	33	52	36	51	39	52	43
25	239	50	34	49	36	49	41	50	43	51	33	49	35	48	39	49	42
26	240	50	34	49	37	48	41	49	43	50	34	48	35	48	39	49	41
27	241	53	41	52	43	51	45	51	45	53	41	52	43	52	44	51	44
28	242	51	39	51	40	50	44	51	46	52	39	51	41	51	43	51	45
29	243	52	38	50	40	50	43	50	45	52	38	50	39	52	41	50	43
30	244	48	36	48	37	48	41	50	43	48	35	47	37	48	39	49	42
31	245	48	32	48	34	48	39	48	42	49	31	47	34	47	37	48	40
Sums		1861	1391	1815	1444	1774	1562	1776	1617	1885	1373	1819	1434	1797	1510	1781	1581
Averages		60.0	44.9	58.5	46.6	57.2	50.4	57.3	52.2	60.8	44.3	58.7	46.3	58.0	48.7	57.5	51.0

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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	0	26		1
2	216	0	31		6
3	217	1	24		0
4	218	9	16		0
5	219	0	28		3
6	220	7	18		0
7	221	10	15		0
8	222	15	10		0
9	223	20	5		0
10	224	12	13		0
11	225	8	17		0
12	226	12	13		0
13	227	7	18		0
14	228	17	8		0
15	229	23	2		0
16	230	19	6		0
17	231	20	5		0
18	232	22	3		0
19	233	19	6		0
20	234	16	9		0
21	235	20	5		0
22	236	26	0		0
23	237	24	1		0
24	238	29	0		0
25	239	30	0		0
26	240	29	0		0
27	241	20	5		0
28	242	22	3		0
29	243	26	0		0
30	244	29	0		0
31	245	32	0		0
Sums for month		524	287		10

639 Accumulated heating degree days since July 1
 4528 Accumulated growing degree days since Jan. 1
 714 Accumulated cooling degree days since Apr. 1