

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 2003

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	62	42	52	91	38	64	98	147	99	3	0	45	144
2	216	50	37	43	95	60	77	44	331	133	16	0	22	64
3	217	48	33	40	92	53	72	63	318	192	6	0	85	103
4	218	55	35	45	93	28	60	147	136	99	4	0	155	147
5	219	50	38	44	94	63	78	42	270	118	27	0	57	48
6	220	52	36	44	91	47	69	85	329	99	0	0	75	85
7	221	53	33	43	97	42	69	54	381	48	0	0	26	96
8	222	63	33	48	94	36	65	91	357	67	0	0	19	77
9	223	77	41	59	96	44	70	186	341	66	0	0	35	115
10	224	78	49	63	97	47	72	114	285	142	0	0	5	218
11	225	76	49	62	98	48	73	97	354	53	T	0	6	100
12	226	74	48	61	97	46	71	98	217	103	0	0	15	12
13	227	72	43	57	94	55	74	81	355	39	0	0	48	102
14	228	65	43	54	96	45	70	90	122	98	0	0	18	88
15	229	63	45	54	98	54	76	91	142	95	43	0	161	39
16	230	53	44	48	90	44	67	110	333	97	9	0	202	115
17	231	54	37	45	82	37	59	125	252	106	0	0	51	161
18	232	53	37	45	87	36	61	91	159	99	0	0	47	80
19	233	51	39	45	98	51	74	59	62	60	17	0	25	53
20	234	44	32	38	98	77	87	20	286	90	3	0	39	30
21	235	65	34	49	93	49	71	168	36	35	0	0	103	102
22	236	66	35	50	99	77	88	17	96	86	22	0	77	74
23	237	43	34	38	98	61	79	48	72	66	8	0	82	47
24	238	36	33	34	95	56	75	52	267	86	T	0	98	57
25	239	47	33	40	89	36	62	74	87	77	T	0	68	12
26	240	58	41	49	88	44	66	108	64	62	T	0	82	69
27	241	61	45	53	99	74	86	28	41	39	85	0	48	36
28	242	46	34	40	99	82	90	24	183	135	31	0	47	60
29	243	51	36	43	96	52	74	90	49	46	11	0	78	78
30	244	47	40	43	97	67	82	52	257	74	19	0	64	26
31	245	56	42	49	82	51	66	133	204	70	0	0	84	87
Sums		1769	1201	1478	2913	1600	2247	2580	6533	2679	307	0	1967	2525
Average		57.1	38.7	47.7	94.0	51.6	72.5	.083	210.7	86.4	.10	.0	63.5	.081

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 2003**

		----- 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	65	47	63	49	61	53	61	55	67	46	64	49	63	51	62	54
2	216	57	41	57	44	57	50	58	53	57	41	57	44	57	47	58	51
3	217	57	36	56	39	56	46	57	49	57	36	56	39	56	43	57	47
4	218	57	41	56	41	54	46	55	49	57	40	55	40	55	43	55	47
5	219	55	38	54	41	54	46	55	49	54	38	55	41	55	44	54	47
6	220	56	38	54	40	53	46	54	48	56	38	54	40	54	44	53	47
7	221	60	38	58	40	56	46	54	48	60	37	56	40	55	43	54	46
8	222	64	42	61	42	56	46	56	48	64	41	60	43	57	43	56	46
9	223	69	46	65	45	58	48	58	50	70	45	65	45	61	47	58	48
10	224	74	53	70	52	63	55	61	54	75	53	71	53	65	52	61	53
11	225	74	50	70	52	64	56	62	57	76	50	70	53	67	55	63	56
12	226	73	50	70	51	64	56	62	57	74	49	70	51	66	54	63	56
13	227	69	46	66	48	62	53	62	55	69	46	65	49	63	52	62	54
14	228	69	45	67	47	61	52	61	54	69	45	66	48	63	51	61	53
15	229	60	49	59	50	58	52	58	54	59	49	59	49	59	51	58	52
16	230	54	41	54	42	57	47	58	50	54	41	54	43	56	45	58	48
17	231	56	39	56	41	55	47	55	49	57	39	57	42	56	46	55	48
18	232	59	41	56	42	54	47	54	49	58	40	57	42	55	45	54	48
19	233	57	42	54	43	53	47	53	49	57	41	55	43	54	45	53	47
20	234	50	36	50	37	52	43	53	45	50	35	50	37	51	40	52	43
21	235	59	38	56	39	53	43	53	45	58	37	54	39	54	41	53	44
22	236	56	41	55	43	54	47	54	48	56	42	56	42	55	45	54	47
23	237	49	36	49	38	51	42	52	45	49	36	49	38	50	41	52	43
24	238	42	34	43	36	46	40	48	42	42	34	43	36	45	38	48	41
25	239	52	35	50	37	49	40	48	42	51	35	50	37	49	39	48	41
26	240	51	39	49	40	49	41	50	43	50	40	49	39	49	40	50	42
27	241	55	45	54	46	52	46	52	47	55	46	54	45	53	45	52	45
28	242	51	36	51	38	51	43	52	45	52	36	51	39	51	42	52	44
29	243	52	38	52	39	50	43	50	45	53	38	51	39	50	41	50	44
30	244	49	37	49	38	50	43	50	44	50	37	50	39	50	41	50	43
31	245	56	34	54	40	51	43	51	44	56	38	53	39	52	41	50	43
Sums		1807	1272	1758	1320	1704	1453	1707	1512	1812	1269	1756	1323	1726	1395	1706	1468
Averages		58.3	41.0	56.7	42.6	55.0	46.9	55.1	48.8	58.5	40.9	56.6	42.7	55.7	45.0	55.0	47.4

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 2003**

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	215	13	12		0
2	216	22	3		0
3	217	25	0		0
4	218	20	5		0
5	219	21	4		0
6	220	21	4		0
7	221	22	3		0
8	222	17	8		0
9	223	6	19		0
10	224	2	23		0
11	225	3	22		0
12	226	4	21		0
13	227	8	17		0
14	228	11	14		0
15	229	11	14		0
16	230	17	8		0
17	231	20	5		0
18	232	20	5		0
19	233	20	5		0
20	234	27	0		0
21	235	16	9		0
22	236	15	10		0
23	237	27	0		0
24	238	31	0		0
25	239	25	0		0
26	240	16	9		0
27	241	12	13		0
28	242	25	0		0
29	243	22	3		0
30	244	22	3		0
31	245	16	9		0
Sums for month		537	248		0
671	Accumulated heating degree days since July 1				
4165	Accumulated growing degree days since Jan. 1				
417	Accumulated cooling degree days since Apr. 1				