

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 1999

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	61	49	55	80	41	60	157	254	127	0	0	130	144
2	216	65	41	53	94	36	65	151	344	94	0	0	90	179
3	217	70	44	57	94	48	71	138	295	128	0	0	77	105
4	218	56	41	48	97	54	75	76	234	145	81	0	68	193
5	219	47	41	44	95	80	87	39	100	96	5	0	66	75
6	220	52	38	45	95	45	70	67	201	108	4	0	47	60
7	221	52	31	41	80	51	65	78	119	88	0	0	109	56
8	222	47	31	39	89	41	65	81	292	124	0	0	41	79
9	223	61	38	49	93	52	72	144	258	125	5	0	136	158
10	224	68	52	60	96	48	72	104	247	141	5	0	40	87
11	225	70	49	59	96	74	85	70	150	111	8	0	57	65
12	226	62	41	51	90	34	62	134	335	66	0	0	97	181
13	227	59	42	50	80	50	65	135	256	133	0	0	68	98
14	228	72	36	54	95	57	76	83	260	100	137	0	165	278
15	229	48	35	41	91	50	70	58	246	115	T	0	82	95
16	230	60	37	48	78	42	60	139	316	56	0	0	107	136
17	231	69	48	58	86	47	66	150	308	49	0	0	119	152
18	232	58	44	51	97	82	89	34	54	52	30	0	85	52
19	233	48	34	41	94	65	79	49	133	108	T	0	64	75
20	234	53	37	45	90	52	71	93	294	79	1	0	76	87
21	235	59	38	48	84	42	63	129	221	98	0	0	58	77
22	236	56	39	47	82	42	62	123	257	66	0	0	77	249
23	237	55	39	47	90	55	72	70	69	65	9	0	106	54
24	238	50	41	45	96	59	77	56	152	115	8	0	125	108
25	239	45	40	42	88	56	72	75	110	90	3	0	125	9
26	240	57	42	49	78	34	56	163	251	135	0	0	85	120
27	241	61	42	51	94	31	62	147	241	50	T	0	89	76
28	242	43	29	36	96	71	83	27	76	66	15	0	43	79
29	243	59	33	46	89	39	64	108	250	65	0	0	81	81
30	244	65	39	52	92	48	70	95	226	59	3	0	22	120
31	245	74	47	60	83	35	59	234	242	49	0	0	79	146
Sums		1802	1238	1512	2782	1561	2165	3207	6791	2903	314	0	2614	3474
Average		58.1	39.9	48.8	89.7	50.4	69.8	.103	219.1	93.6	.10	.0	84.3	.112

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 1999

Soil Temperature F																	
		Sod								Bare							
Mo.	Cl.	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
Day	Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min

1	215	63	50	62	52	64	55	57	64	64	47	63	50	63	52	64	56
2	216	63	48	62	49	61	53	61	55	64	44	63	48	60	51	60	53
3	217	65	50	62	51	61	54	61	56	66	47	62	49	61	52	61	54
4	218	62	47	62	49	61	53	61	54	64	46	62	48	61	50	61	53
5	219	56	48	56	49	57	52	58	53	56	45	56	47	57	50	58	51
6	220	57	45	57	46	56	50	57	51	58	43	58	45	57	48	56	50
7	221	53	39	54	41	55	46	56	48	52	35	53	39	54	43	55	47
8	222	54	40	53	41	52	46	53	48	55	37	53	40	53	43	52	46
9	223	56	43	55	44	55	48	55	49	58	40	55	42	55	45	55	48
10	224	63	52	61	52	58	51	58	53	64	51	62	52	59	52	58	51
11	225	65	53	62	54	60	53	60	55	67	51	63	54	62	53	60	53
12	226	63	46	62	48	60	51	60	53	63	43	62	46	60	49	60	52
13	227	60	47	59	49	58	51	58	52	60	45	58	46	58	50	57	51
14	228	62	45	60	47	59	51	59	53	65	43	60	47	60	50	59	52
15	229	55	41	54	43	55	46	57	49	54	38	55	41	55	44	56	47
16	230	57	44	55	44	54	48	55	50	58	41	55	43	54	45	54	48
17	231	60	47	59	48	56	50	56	51	63	47	59	48	57	48	56	50
18	232	57	47	57	48	56	50	57	51	57	46	57	47	57	49	57	50
19	233	53	42	54	43	54	46	55	48	54	39	54	42	54	44	55	46
20	234	55	42	54	44	53	47	54	49	58	40	55	42	54	46	53	47
21	235	58	42	56	44	54	47	54	48	58	40	57	42	55	45	55	48
22	236	56	42	54	44	53	47	53	48	56	40	55	42	54	46	53	47
23	237	52	42	52	43	52	45	53	47	53	40	52	42	52	44	53	46
24	238	52	42	52	42	51	45	52	46	52	40	52	42	51	44	51	45
25	239	48	40	50	41	50	44	51	45	48	38	49	40	50	42	51	44
26	240	53	40	52	41	50	44	50	45	55	39	53	40	51	42	50	44
27	241	54	42	53	42	51	44	51	44	55	40	53	42	52	43	51	45
28	242	49	35	49	37	50	41	52	43	49	32	49	35	50	38	50	41
29	243	51	36	50	38	50	42	50	44	53	34	50	36	49	40	50	42
30	244	56	42	54	42	51	44	51	45	58	40	55	42	52	42	51	45
31	245	59	45	57	45	54	46	54	47	62	44	58	44	55	46	53	46
Sums		1767	1364	1739	1401	1711	1490	1719	1544	1799	1295	1748	1363	1722	1436	1715	1498
Averages		57.0	44.0	56.1	45.2	55.2	48.1	55.5	49.8	58.0	41.8	56.4	44.0	55.5	46.3	55.3	48.3

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 1999

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	12	13		0
3	217	8	17		0
4	218	17	8		0
5	219	21	4		0
6	220	20	5		0
7	221	24	1		0
8	222	26	0		0
9	223	16	9		0
10	224	5	20		0
11	225	6	19		0
12	226	14	11		0
13	227	15	10		0
14	228	11	14		0
15	229	24	1		0
16	230	17	8		0
17	231	7	18		0
18	232	14	11		0
19	233	24	1		0
20	234	20	5		0
21	235	17	8		0
22	236	18	7		0
23	237	18	7		0
24	238	20	5		0
25	239	23	2		0
26	240	16	9		0
27	241	14	11		0
28	242	29	0		0
29	243	19	6		0
30	244	13	12		0
31	245	5	20		0
Sums for month		503	277		0

657 Accumulated heating degree days since July 1
 4507 Accumulated growing degree days since Jan. 1
 1146 Accumulated cooling degree days since Apr. 1