

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 September 1997

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	185	76	60	68	100	67	83	31	222	191	6	0	38	87
2	186	79	61	70	100	62	81	59	430	171	0	0	33	131
3	187	81	53	67	100	53	76	76	363	195	62	0	90	312
4	188	59	44	51	100	68	84	25	204	127	0	0	106	118
5	189	64	48	56	96	46	71	121	479	318	0	0	117	200
6	190	73	54	63	100	34	67	204	477	328	0	0	81	99
7	191	78	58	68	100	51	75	92	347	320	3	0	51	230
8	192	69	54	61	100	85	92	3	117	106	4	0	74	88
9	193	68	51	59	100	74	87	25	299	266	0	0	48	124
10	194	72	52	62	100	75	87	40	325	214	0	0	103	159
11	195	66	59	62	100	83	91	33	99	93	9	0	111	19
12	196	69	56	62	100	97	98	0	93	88	45	0	40	43
13	197	73	58	65	100	76	88	22	291	158	2	0	42	46
14	198	70	58	64	100	86	93	11	226	158	0	0	11	82
15	199	73	56	64	100	69	84	40	367	140	0	0	63	184
16	200	77	57	67	100	69	84	60	381	146	0	0	73	148
17	201	71	52	61	100	70	85	30	381	137	0	0	55	108
18	202	80	57	68	100	64	82	38	286	168	12	0	96	164
19	203	77	53	65	100	45	72	99	438	86	0	0	57	174
20	204	75	55	65	100	57	78	106	218	160	4	0	69	95
21	205	76	41	58	100	83	91	6	76	68	2	0	102	26
22	206	57	42	49	100	53	76	45	361	100	0	0	86	149
23	207	67	46	56	100	42	71	91	335	121	T	0	60	33
24	208	61	39	50	100	78	89	11	156	107	7	0	82	145
25	209	60	40	50	100	50	75	58	387	56	0	0	57	0
26	210	63	45	54	100	58	79	17	116	89	31	0	75	53
27	211	53	36	44	100	94	97	0	115	90	3	0	71	28
28	212	62	39	50	100	66	83	26	388	60	0	0	50	141
29	213	67	50	58	100	80	90	34	286	160	147	0	106	125
30	214	70	53	61	100	52	76	63	210	106	23	0	111	138
Sums		2086	1527	1798	2996	1987	2485	1466	8473	4527	360	0	2158	3449
Average		69.5	50.9	59.9	99.9	66.2	82.8	.049	282.4	150.9	.12	.0	71.9	.115

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

September 1997

		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	185	79	64	74	65	70	65	69	66	80	65	75	65	72	66	70	67
2	186	86	64	80	65	73	66	71	66	89	65	82	66	77	67	72	67
3	187	86	60	81	62	73	66	71	67	88	60	81	62	76	65	72	67
4	188	68	51	67	53	66	59	68	61	66	48	65	52	66	56	67	60
5	189	72	53	69	54	65	59	64	60	75	52	69	53	66	56	64	59
6	190	79	57	74	56	67	58	65	60	81	55	75	56	70	58	66	60
7	191	78	60	74	60	68	61	66	62	81	60	74	61	71	62	67	62
8	192	69	60	68	60	66	62	65	62	69	59	68	60	67	62	66	63
9	193	74	57	71	59	67	61	66	62	76	56	72	59	69	61	66	62
10	194	76	61	72	60	67	61	66	62	78	59	72	59	69	61	66	62
11	195	67	61	65	61	64	62	64	62	67	61	65	62	65	63	64	63
12	196	68	59	67	60	65	62	65	62	69	59	67	61	66	62	65	63
13	197	75	62	71	61	67	62	66	63	75	61	71	61	68	62	66	62
14	198	72	59	70	60	67	63	66	63	73	59	69	61	68	62	66	63
15	199	78	59	73	60	68	63	66	63	79	59	74	60	71	62	67	63
16	200	79	62	75	62	69	62	67	63	82	60	76	60	72	62	68	63
17	201	81	59	77	60	70	63	68	64	84	59	78	61	73	63	69	64
18	202	78	58	74	61	68	64	67	64	80	58	74	61	70	63	67	64
19	203	82	58	77	60	70	62	68	64	83	58	77	60	73	62	69	64
20	204	73	62	70	62	67	63	66	63	73	60	70	60	69	62	66	64
21	205	67	51	66	53	66	58	66	61	67	48	67	52	67	56	66	59
22	206	70	49	66	52	62	57	62	58	69	48	66	51	63	54	62	57
23	207	72	53	68	53	63	56	62	58	73	50	68	52	65	54	62	57
24	208	63	46	62	49	61	55	61	57	64	45	62	48	63	52	66	56
25	209	71	50	67	51	61	54	60	57	72	47	67	49	63	53	61	56
26	210	62	52	60	52	58	56	59	57	61	50	60	52	58	54	58	56
27	211	58	44	58	46	58	52	59	54	57	41	57	45	61	49	63	53
28	212	67	48	64	48	59	52	58	54	68	44	64	46	61	50	62	53
29	213	67	52	64	52	60	54	59	55	69	51	65	51	61	53	59	55
30	214	65	54	63	55	60	57	60	57	67	54	64	55	62	56	60	57
Sums		2182	1685	2087	1712	1965	1795	1940	1827	2215	1651	2094	1701	2022	1768	1962	1821
Averages		72.7	56.2	69.6	57.1	65.5	59.8	64.7	60.9	73.8	55.0	69.8	56.7	67.4	58.9	65.4	60.7

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 September 1997

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	185	0	28		3
2	186	0	30		5
3	187	0	27		2
4	188	14	11		0
5	189	9	16		0
6	190	2	23		0
7	191	0	28		3
8	192	4	21		0
9	193	6	19		0
10	194	3	22		0
11	195	3	22		0
12	196	3	22		0
13	197	0	25		0
14	198	1	24		0
15	199	1	24		0
16	200	0	27		2
17	201	4	21		0
18	202	0	28		3
19	203	0	25		0
20	204	0	25		0
21	205	7	18		0
22	206	16	9		0
23	207	9	16		0
24	208	15	10		0
25	209	15	10		0
26	210	11	14		0
27	211	21	4		0
28	212	15	10		0
29	213	7	18		0
30	214	4	21		0
Sums for month		170	598		18

235 Accumulated heating degree days since July 1
 3661 Accumulated growing degree days since Jan. 1
 349 Accumulated cooling degree days since Apr. 1