

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 1996

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	78	54	66	100	60	80	128	483	105	0	0	31	181
2	186	80	57	68	100	66	83	116	492	90	0	0	54	201
3	187	81	55	68	100	63	81	123	489	95	0	0	46	194
4	188	83	56	69	100	57	78	161	465	98	0	0	19	168
5	189	79	61	70	100	76	88	88	283	206	12	0	44	147
6	190	80	62	71	100	89	94	45	282	193	5	0	20	110
7	191	83	65	74	100	82	91	70	307	210	43	0	80	181
8	192	77	65	71	100	96	98	15	138	126	7	0	117	121
9	193	70	64	67	100	98	99	6	90	72	36	0	85	45
10	194	80	63	71	100	72	86	251	393	363	7	0	52	187
11	195	74	57	65	100	83	91	51	227	211	0	0	53	98
12	196	76	59	67	100	83	91	55	321	299	0	0	43	116
13	197	66	58	62	100	100	100	0	58	54	112	0	52	3
14	198	62	49	55	100	100	100	0	118	111	180	0	54	9
15	199	63	52	57	100	82	91	44	195	183	3	0	47	127
16	200	63	51	57	100	88	94	3	97	92	7	0	49	60
17	201	67	54	60	100	68	84	31	279	262	14	0	58	30
18	202	59	54	56	100	100	100	0	67	61	89	0	106	63
19	203	70	50	60	100	66	83	49	415	406	0	0	116	178
20	204	68	51	59	100	57	78	81	456	446	0	0	103	186
21	205	73	47	60	100	51	75	73	447	437	0	0	63	128
22	206	75	47	61	100	38	69	83	403	395	0	0	28	69
23	207	75	46	60	100	89	94	4	111	102	20	0	87	164
24	208	57	40	48	100	68	84	16	260	251	0	0	81	87
25	209	55	45	50	100	91	95	1	90	85	12	0	90	62
26	210	57	41	49	100	80	90	5	148	140	3	0	50	42
27	211	61	44	52	100	68	84	33	268	247	0	0	113	100
28	212	69	59	64	100	84	92	29	171	136	9	0	219	149
29	213	68	48	58	100	89	94	4	70	52	66	0	111	35
30	214	65	44	54	100	65	82	49	292	116	0	0	73	114
Sums		2114	1598	1849	3000	2309	2649	1614	7915	5644	625	0	2144	3355
Average		70.5	53.3	61.6	100.0	77.0	88.3	.054	263.8	188.1	.21	.0	71.5	.112

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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	185	88	64	84	65	77	68	74	69	91	64	85	65	80	67	75	68
2	186	89	63	85	65	78	69	75	68	92	62	86	66	81	68	76	69
3	187	90	64	85	66	78	69	75	69	93	63	86	67	81	68	76	69
4	188	90	67	86	67	78	68	75	69	93	66	87	66	82	69	76	70
5	189	83	69	80	69	76	70	74	71	84	69	81	69	78	70	74	71
6	190	83	68	80	69	76	70	74	70	84	69	80	68	77	70	74	70
7	191	85	68	81	70	77	70	75	71	86	68	82	69	79	70	75	70
8	192	76	67	74	68	73	69	72	69	76	68	75	68	73	69	72	69
9	193	70	65	69	65	70	67	70	68	69	64	70	65	70	66	70	67
10	194	83	67	79	66	74	66	72	67	84	66	80	66	76	66	72	67
11	195	77	61	75	62	72	65	71	67	78	60	75	62	73	64	71	66
12	196	80	62	76	64	72	66	70	67	81	63	77	64	74	64	71	66
13	197	67	61	67	62	67	64	68	65	67	60	67	61	67	63	68	64
14	198	65	55	64	57	65	60	65	62	64	55	64	56	65	59	65	61
15	199	67	56	65	57	64	60	64	62	67	55	65	56	64	58	64	61
16	200	62	56	61	58	62	60	62	61	61	56	61	57	61	58	62	59
17	201	71	58	69	59	65	60	64	60	71	58	68	58	66	59	64	60
18	202	62	56	62	57	62	60	63	61	61	56	61	56	62	58	62	60
19	203	71	52	69	55	65	59	64	60	70	52	68	54	66	57	64	60
20	204	71	54	69	55	65	58	64	60	72	52	68	55	66	57	64	58
21	205	75	53	72	55	66	59	64	59	77	53	72	56	68	58	65	58
22	206	78	57	73	57	68	60	65	61	80	56	74	57	70	58	66	59
23	207	66	53	65	55	63	59	63	60	66	51	65	54	64	56	63	60
24	208	66	48	64	50	62	55	61	57	66	47	63	50	62	52	61	55
25	209	57	50	57	52	57	54	58	56	56	49	56	51	56	52	57	55
26	210	61	47	59	48	58	52	58	54	60	46	59	48	58	51	61	53
27	211	63	50	61	50	59	52	58	54	63	49	61	50	59	52	60	53
28	212	64	58	62	57	61	56	60	58	65	58	62	56	61	56	60	56
29	213	63	52	62	54	61	57	61	57	64	51	62	53	62	56	63	57
30	214	66	49	64	51	61	56	60	57	67	49	64	51	62	54	63	57
Sums		2189	1750	2119	1785	2032	1858	1999	1889	2208	1735	2124	1774	2063	1825	2014	1868
Averages		73.0	58.3	70.6	59.5	67.7	61.9	66.6	63.0	73.6	57.8	70.8	59.1	68.8	60.8	67.1	62.3

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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	185	0	26		1
2	186	0	28		3
3	187	0	28		3
4	188	0	29		4
5	189	0	30		5
6	190	0	31		6
7	191	0	34		9
8	192	0	31		6
9	193	0	27		2
10	194	0	31		6
11	195	0	25		0
12	196	0	27		2
13	197	3	22		0
14	198	10	15		0
15	199	8	17		0
16	200	8	17		0
17	201	5	20		0
18	202	9	16		0
19	203	5	20		0
20	204	6	19		0
21	205	5	20		0
22	206	4	21		0
23	207	5	20		0
24	208	17	8		0
25	209	15	10		0
26	210	16	9		0
27	211	13	12		0
28	212	1	24		0
29	213	7	18		0
30	214	11	14		0
Sums for month		148	649		47

174 Accumulated heating degree days since July 1
 3845 Accumulated growing degree days since Jan. 1
 432 Accumulated cooling degree days since Apr. 1