

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 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	215	67	41	54	100	70	85	32	230	128	14	0	127	278
2	216	47	35	41	100	67	83	29	223	169	0	0	112	206
3	217	52	36	44	100	71	85	20	194	149	1	0	61	15
4	218	66	49	57	100	73	86	27	228	157	0	0	47	69
5	219	74	55	64	100	80	90	33	262	128	44	0	31	145
6	220	76	56	66	100	40	70	159	357	38	0	0	113	215
7	221	77	52	64	100	47	73	113	335	65	0	0	77	210
8	222	69	53	61	100	65	82	44	156	137	0	0	10	147
9	223	79	54	66	100	67	83	45	286	128	0	0	29	93
10	224	82	60	71	100	52	76	107	281	133	0	0	72	37
11	225	67	42	54	100	44	72	66	349	37	0	0	86	231
12	226	58	37	47	100	54	77	41	346	30	0	0	43	66
13	227	68	41	54	100	52	76	72	338	33	0	0	53	145
14	228	74	52	63	100	73	86	56	298	78	0	0	119	102
15	229	63	38	50	100	77	88	17	54	42	0	0	63	55
16	230	58	37	47	100	58	79	45	254	84	0	0	56	114
17	231	50	33	41	100	51	75	47	301	72	0	0	54	85
18	232	50	32	41	100	68	84	23	199	130	0	0	52	19
19	233	55	30	42	100	61	80	29	289	52	0	0	26	153
20	234	56	30	43	100	58	79	33	300	54	0	0	43	8
21	235	57	38	47	100	70	85	19	116	103	1	0	98	14
22	236	49	33	41	100	62	81	27	184	129	5	0	86	77
23	237	39	30	34	100	64	82	30	166	105	0	0	94	59
24	238	42	34	38	100	59	79	32	170	106	T	0	76	43
25	239	47	39	43	100	82	91	13	81	80	6	0	29	21
26	240	47	26	36	100	90	95	3	106	91	0	0	58	35
27	241	51	30	40	100	70	85	15	163	86	21	0	126	28
28	242	54	33	43	100	70	85	11	84	51	4	0	154	67
29	243	43	30	36	100	72	86	14	127	88	5	0	87	77
30	244	52	39	45	100	80	90	26	134	111	0	0	54	43
31	245	53	38	45	100	61	80	38	246	74	0	0	65	63
Sums		1822	1233	1518	3100	2008	2548	1266	6857	2868	101	0	2201	2920
Average		58.8	39.8	49.0	100.0	64.8	82.2	.041	221.2	92.5	.03	.0	71.0	.094

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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	65	50	63	52	60	55	59	56	66	48	63	51	61	54	64	56
2	216	56	43	56	45	56	50	57	52	56	40	57	43	60	47	62	50
3	217	56	45	55	46	54	50	55	52	55	42	54	44	57	48	58	51
4	218	64	50	61	51	57	52	57	53	66	49	61	50	59	51	60	52
5	219	67	55	64	54	60	54	60	55	69	54	65	54	62	54	60	55
6	220	72	59	69	59	64	59	62	59	73	58	69	59	66	59	63	59
7	221	74	55	70	57	65	59	63	59	76	55	71	57	68	58	64	59
8	222	66	56	64	57	62	59	61	59	67	56	65	57	63	58	61	59
9	223	73	58	70	57	65	59	63	59	77	57	71	58	67	58	64	59
10	224	74	60	70	61	66	60	64	60	77	60	72	61	68	61	65	61
11	225	70	50	68	53	64	58	64	59	74	48	70	52	67	56	64	58
12	226	68	47	65	49	61	54	60	56	70	44	66	48	64	52	66	55
13	227	67	49	64	50	60	54	59	56	71	47	65	49	62	52	60	55
14	228	70	54	66	54	61	55	60	57	74	53	67	54	64	55	61	56
15	229	59	47	59	49	59	53	60	55	59	44	59	48	59	51	62	54
16	230	63	46	60	48	57	52	58	53	64	44	59	47	60	50	62	53
17	231	62	43	59	45	57	50	57	52	63	41	62	44	62	48	63	51
18	232	56	40	55	43	55	48	55	50	62	38	60	42	59	45	61	49
19	233	60	41	57	43	54	48	54	50	62	38	58	42	59	45	58	48
20	234	61	41	58	43	54	47	54	50	63	38	58	42	60	45	60	48
21	235	54	42	53	44	53	48	53	49	59	41	57	43	59	46	59	48
22	236	55	39	54	42	53	46	53	49	60	37	58	41	59	44	59	47
23	237	48	38	48	40	49	43	51	46	52	35	52	38	54	41	56	44
24	238	50	39	49	40	49	44	50	45	55	37	54	39	55	42	55	44
25	239	50	42	50	43	50	45	51	46	56	41	55	42	56	44	58	45
26	240	51	35	50	38	50	43	51	45	58	33	58	37	57	41	57	44
27	241	50	37	49	39	49	43	50	45	56	34	54	38	55	41	55	44
28	242	54	38	53	40	52	43	53	45	59	37	58	39	58	42	58	44
29	243	50	36	50	38	50	42	51	43	55	34	54	37	55	40	56	42
30	244	53	38	52	39	51	42	52	43	58	38	57	38	56	40	56	42
31	245	56	40	53	41	54	43	53	44	58	39	60	41	58	42	58	44
Sums		1874	1413	1814	1460	1751	1558	1750	1602	1970	1360	1889	1435	1869	1510	1865	1576
Averages		60.5	45.6	58.5	47.1	56.5	50.3	56.5	51.7	63.5	43.9	60.9	46.3	60.3	48.7	60.2	50.8

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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	11	14		0
2	216	24	1		0
3	217	21	4		0
4	218	8	17		0
5	219	1	24		0
6	220	0	26		1
7	221	1	24		0
8	222	4	21		0
9	223	0	26		1
10	224	0	31		6
11	225	11	14		0
12	226	18	7		0
13	227	11	14		0
14	228	2	23		0
15	229	15	10		0
16	230	18	7		0
17	231	24	1		0
18	232	24	1		0
19	233	23	2		0
20	234	22	3		0
21	235	18	7		0
22	236	24	1		0
23	237	31	0		0
24	238	27	0		0
25	239	22	3		0
26	240	29	0		0
27	241	25	0		0
28	242	22	3		0
29	243	29	0		0
30	244	20	5		0
31	245	20	5		0
Sums for month		505	294		8

740 Accumulated heating degree days since July 1
 3955 Accumulated growing degree days since Jan. 1
 357 Accumulated cooling degree days since Apr. 1