

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 1996

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	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	63	44	53	100	50	75	62	390	41	0	0	110	
2	216	75	52	63	100	46	73	98	360	53	7	0	270	
3	217	72	38	55	100	68	84	39	263	136	T	0	154	
4	218	47	30	38	100	55	77	38	284	159	3	0	121	
5	219	49	31	40	100	46	73	41	374	41	0	0	120	
6	220	55	33	44	100	45	72	60	374	38	0	0	108	
7	221	64	41	52	100	50	75	63	356	50	0	0	130	
8	222	72	43	57	100	50	75	75	339	75	0	0	123	
9	223	60	44	52	100	84	92	11	169	151	T	0	35	
10	224	57	47	52	100	89	94	4	127	119	33	0	52	
11	225	47	36	41	100	86	93	0	81	78	25	0	43	
12	226	46	34	40	100	63	81	20	176	107	0	0	40	
13	227	59	34	46	100	63	81	43	275	88	0	0	63	
14	228	72	48	60	100	57	78	76	210	128	3	0	91	
15	229	56	30	43	100	67	83	31	306	74	0	0	161	
16	230	58	31	44	100	52	76	57	317	44	0	0	0	
17	231	75	49	62	100	51	75	85	276	105	0	0	0	
18	232	69	50	59	100	69	84	31	242	127	0	0	0	
19	233	69	45	57	100	78	89	23	256	116	88	0	0	
20	234	47	43	45	100	100	100	0	23	22	162	0	0	
21	235	48	43	45	100	100	100	0	57	55	32	0	0	
22	236	50	42	46	100	100	100	0	75	72	8	0	0	
23	237	54	40	47	100	84	92	3	128	100	1	0	0	
24	238	66	40	53	100	75	87	34	138	119	2	0	0	
25	239	52	45	48	100	76	88	32	93	90	0	0	0	
26	240	58	38	48	100	55	77	39	276	215	0	0	0	
27	241	66	39	52	100	52	76	54	236	227	0	0	0	
28	242	71	50	60	100	72	86	47	188	177	2	0	0	
29	243	62	38	50	100	66	83	37	134	127	15	0	0	
30	244	54	41	47	100	52	76	62	244	248	3	0	0	
31	245	57	35	46	100	71	85	38	50	54	22	0	0	
Sums		1850	1254	1545	3100	2072	2580	1203	6817	3236	406	0	1621	
Average		59.7	40.5	49.8	100.0	66.8	83.2	.039	219.9	104.4	.13	.0	.052	

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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	69	52	66	53	62	56	60	57	69	51	66	52	63	54	60	55
2	216	72	56	68	56	64	57	62	58	73	56	69	56	66	56	62	57
3	217	71	47	67	50	64	56	63	59	72	46	68	50	66	55	67	58
4	218	60	41	59	44	59	50	60	53	59	40	61	44	63	48	63	52
5	219	63	39	60	42	57	48	57	51	63	38	59	42	60	46	61	50
6	220	63	43	60	44	56	48	56	51	63	40	59	43	59	46	61	49
7	221	66	45	62	46	57	50	57	52	66	45	62	46	61	48	62	50
8	222	70	48	66	50	60	52	58	54	71	48	66	49	62	51	60	53
9	223	62	51	60	52	58	54	58	55	62	51	60	52	59	53	58	55
10	224	62	51	60	52	59	55	59	55	62	50	60	52	62	54	63	54
11	225	54	43	55	45	57	49	58	51	58	42	59	44	61	47	62	50
12	226	52	39	52	41	53	46	54	48	59	38	58	41	58	44	59	47
13	227	61	41	58	42	55	46	55	48	61	40	58	41	60	44	62	48
14	228	65	51	62	50	58	51	56	53	66	50	62	50	59	51	56	51
15	229	62	39	60	42	58	48	58	51	62	38	60	42	61	46	62	50
16	230	60	42	57	44	54	48	55	50	60	40	57	43	58	46	59	49
17	231	68	51	64	51	59	51	57	53	69	51	64	50	60	51	57	51
18	232	68	52	65	53	60	55	59	56	69	52	65	53	62	55	59	55
19	233	66	50	63	51	60	55	59	55	66	50	63	52	63	54	62	55
20	234	52	48	53	48	56	51	60	52	56	47	60	48	60	50	60	51
21	235	54	47	54	48	55	51	60	52	59	46	62	48	61	49	60	51
22	236	55	46	55	47	55	50	60	51	59	46	61	47	61	49	60	50
23	237	57	45	55	46	55	49	61	50	57	45	60	46	61	48	61	49
24	238	59	46	57	47	55	49	61	51	59	46	63	47	63	48	62	50
25	239	53	45	53	47	53	49	60	50	57	46	59	47	60	49	60	50
26	240	60	41	57	43	54	47	58	49	60	41	57	44	59	46	60	48
27	241	60	44	58	44	55	48	58	49	60	43	60	43	60	46	61	48
28	242	64	48	60	48	56	50	55	51	64	48	60	47	58	49	55	48
29	243	56	40	55	42	56	47	58	50	61	39	62	42	62	46	61	48
30	244	58	42	56	42	54	47	54	49	58	41	57	43	58	45	59	48
31	245	53	39	52	42	53	48	54	49	58	39	58	42	59	47	60	48
Sums		1895	1412	1829	1452	1767	1561	1800	1613	1938	1393	1895	1446	1885	1521	1874	1578
Averages		61.1	45.5	59.0	46.8	57.0	50.4	58.1	52.0	62.5	44.9	61.1	46.6	60.8	49.1	60.5	50.9

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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	12	13		0
2	216	2	23		0
3	217	10	15		0
4	218	27	0		0
5	219	25	0		0
6	220	21	4		0
7	221	13	12		0
8	222	8	17		0
9	223	13	12		0
10	224	13	12		0
11	225	24	1		0
12	226	25	0		0
13	227	19	6		0
14	228	5	20		0
15	229	22	3		0
16	230	21	4		0
17	231	3	22		0
18	232	6	19		0
19	233	8	17		0
20	234	20	5		0
21	235	20	5		0
22	236	19	6		0
23	237	18	7		0
24	238	12	13		0
25	239	17	8		0
26	240	17	8		0
27	241	13	12		0
28	242	5	20		0
29	243	15	10		0
30	244	18	7		0
31	245	19	6		0
Sums for month		470	307		0

644 Accumulated heating degree days since July 1  
 4152 Accumulated growing degree days since Jan. 1  
 432 Accumulated cooling degree days since Apr. 1