

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 1998

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	74	53	63	97	48	72	109	227	128	22	0	51	85
2	216	56	41	48	84	36	60	145	378	81	2	0	143	219
3	217	58	41	49	84	40	62	117	210	148	0	0	103	82
4	218	52	36	44	97	58	77	61	138	125	0	0	29	44
5	219	60	34	47	96	39	67	77	380	44	0	0	42	57
6	220	62	35	48	96	40	68	95	363	59	0	0	32	122
7	221	68	37	52	93	43	68	159	352	76	0	0	130	150
8	222	69	57	63	97	64	80	73	157	112	72	0	146	94
9	223	58	50	54	97	92	94	19	36	34	60	0	109	82
10	224	54	52	53	96	90	93	25	60	57	0	0	98	287
11	225	57	51	54	93	77	85	66	98	83	0	0	118	384
12	226	64	43	53	97	57	77	77	296	98	1	0	79	111
13	227	65	44	54	97	55	76	65	312	97	0	0	32	76
14	228	68	45	56	96	54	75	90	273	110	50	0	95	144
15	229	53	43	48	93	66	79	54	118	93	11	0	97	66
16	230	52	38	45	97	67	82	45	209	136	0	0	90	71
17	231	61	39	50	94	47	70	78	298	72	0	0	29	92
18	232	67	43	55	84	48	66	179	195	132	0	0	64	73
19	233	82	51	66	87	22	54	254	179	126	14	0	110	147
20	234	55	47	51	78	60	69	127	90	78	0	0	104	79
21	235	56	43	49	89	39	64	132	229	90	1	0	113	133
22	236	48	38	43	86	57	71	74	127	101	2	0	103	72
23	237	47	38	42	83	56	69	80	154	106	0	0	109	14
24	238	62	41	51	75	43	59	186	290	37	0	0	135	145
25	239	69	51	60	68	16	42	297	287	34	0	0	123	250
26	240	66	43	54	96	43	69	92	258	71	0	0	45	46
27	241	61	46	53	96	51	73	82	170	138	T	0	25	50
28	242	65	51	58	86	50	68	133	244	64	0	0	125	136
29	243	63	41	52	94	58	76	86	52	46	22	0	104	60
30	244	63	38	50	90	54	72	76	228	75	0	0	101	80
31	245	47	34	40	88	54	71	58	198	84	0	0	105	53
Sums		1882	1344	1605	2804	1624	2208	3211	6606	2735	257	0	2789	3504
Average		60.7	43.4	51.8	90.5	52.4	71.2	.104	213.1	88.2	.08	.0	90.0	.113

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		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	68	56	67	58	64	59	64	60	73	55	68	57	67	58	64	59
2	216	60	48	61	50	63	54	64	56	64	43	64	48	63	51	64	54
3	217	57	49	58	50	59	53	60	55	60	45	58	48	59	51	59	53
4	218	57	46	57	48	58	52	60	53	59	41	57	45	57	48	58	51
5	219	61	45	60	47	58	51	58	52	68	40	62	45	60	48	58	51
6	220	61	46	58	48	57	51	58	52	68	43	62	46	59	49	58	51
7	221	60	48	60	49	58	52	60	53	69	47	62	47	59	49	58	51
8	222	62	55	60	54	60	55	60	55	67	55	62	54	61	55	60	55
9	223	59	52	60	53	61	54	61	55	60	51	60	52	61	53	60	54
10	224	59	52	58	53	59	54	60	54	58	50	58	52	59	52	59	53
11	225	58	52	58	52	59	54	59	54	59	50	58	51	59	52	59	53
12	226	61	50	60	51	60	53	59	54	66	46	64	49	61	51	60	53
13	227	63	50	61	51	59	53	59	54	67	47	65	50	61	52	59	53
14	228	62	51	61	52	59	54	59	54	65	47	62	50	60	52	60	53
15	229	57	47	58	49	58	52	58	53	57	44	57	47	58	49	58	51
16	230	55	45	55	46	56	49	57	51	57	40	56	44	56	46	57	49
17	231	58	47	57	47	56	49	56	51	64	42	60	44	57	47	56	49
18	232	60	48	58	48	57	50	57	52	62	45	58	46	59	48	58	50
19	233	62	52	60	53	60	54	60	54	67	50	62	52	60	53	60	53
20	234	57	48	58	49	59	52	59	52	57	44	58	47	58	49	58	51
21	235	56	47	55	48	56	50	57	51	58	44	56	46	56	48	56	49
22	236	52	44	53	45	54	48	56	49	52	40	53	43	54	45	57	47
23	237	50	42	51	43	52	46	54	47	51	37	53	40	52	43	53	46
24	238	54	43	54	43	54	46	53	48	60	40	56	41	54	43	54	46
25	239	59	47	58	48	55	48	56	50	66	45	61	47	59	47	56	48
26	240	59	48	58	48	56	50	56	50	66	46	58	47	58	48	56	50
27	241	58	48	58	48	57	50	56	50	63	47	59	47	58	48	57	49
28	242	59	49	58	50	57	51	56	51	63	47	60	49	57	50	57	50
29	243	56	46	56	47	56	50	57	50	58	43	57	46	57	48	57	49
30	244	54	43	54	44	54	47	55	48	57	39	55	42	55	44	55	47
31	245	52	40	51	41	52	45	53	46	55	35	53	38	53	42	52	44
Sums		1806	1484	1791	1513	1783	1586	1797	1614	1916	1388	1834	1460	1807	1519	1793	1572
Averages		58.3	47.9	57.8	48.8	57.5	51.2	58.0	52.1	61.8	44.8	59.2	47.1	58.3	49.0	57.8	50.7

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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	2	23		0
2	216	17	8		0
3	217	16	9		0
4	218	21	4		0
5	219	18	7		0
6	220	17	8		0
7	221	13	12		0
8	222	2	23		0
9	223	11	14		0
10	224	12	13		0
11	225	11	14		0
12	226	12	13		0
13	227	11	14		0
14	228	9	16		0
15	229	17	8		0
16	230	20	5		0
17	231	15	10		0
18	232	10	15		0
19	233	0	26		1
20	234	14	11		0
21	235	16	9		0
22	236	22	3		0
23	237	23	2		0
24	238	14	11		0
25	239	5	20		0
26	240	11	14		0
27	241	12	13		0
28	242	7	18		0
29	243	13	12		0
30	244	15	10		0
31	245	25	0		0
Sums for month		411	365		1

564 Accumulated heating degree days since July 1
 4730 Accumulated growing degree days since Jan. 1
 537 Accumulated cooling degree days since Apr. 1

