

**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** **May, 2002**

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	62	56	37	46	100	NA	50	NA	322	136	6	0	NA	NA
2	63	57	40	48	95	NA	47	NA	NA	NA	15	0	NA	NA
3	64	64	37	50	91	42	66	79	269	127	30	0	NA	NA
4	65	48	39	43	76	35	55	123	506	196	0	0	NA	NA
5	66	62	39	50	82	18	50	206	703	69	0	0	NA	NA
6	67	70	47	58	72	15	43	329	674	121	0	0	NA	NA
7	68	79	55	67	96	21	58	224	439	214	25	0	43	213
8	69	78	41	59	92	54	73	121	337	253	1	0	62	175
9	70	55	42	48	96	55	75	99	421	263	30	0	39	165
10	71	62	48	55	90	43	66	116	258	172	21	0	124	118
11	72	62	36	49	82	21	51	203	714	86	0	0	106	337
12	73	58	44	51	88	28	58	163	580	143	T	0	29	118
13	74	56	45	50	97	88	92	19	76	62	75	0	18	37
14	75	50	40	45	97	79	88	22	98	80	67	0	63	21
15	76	44	39	41	90	60	75	51	300	197	25	0	124	238
16	77	60	43	51	78	38	58	199	694	95	0	0	75	307
17	78	72	44	58	93	46	69	163	240	178	20	0	40	200
18	79	49	36	42	94	73	83	46	183	142	41	0	17	128
19	80	47	35	41	94	45	69	77	315	236	7	0	42	114
20	81	48	36	42	84	40	62	87	408	238	0	0	13	84
21	82	49	35	42	82	34	58	103	559	240	T	0	50	145
22	83	54	38	46	72	34	53	142	461	200	0	0	36	121
23	84	63	40	51	85	30	57	174	729	90	0	0	28	201
24	85	78	40	59	72	12	42	407	691	82	0	0	22	258
25	86	68	39	53	92	40	66	155	257	151	4	0	31	138
26	87	62	46	54	92	32	62	203	628	106	26	0	32	191
27	88	67	44	55	94	45	69	115	684	183	0	0	44	206
28	89	76	52	64	86	30	58	263	682	104	0	0	9	219
29	90	78	58	68	94	39	66	209	518	246	0	0	16	194
30	91	81	62	71	97	50	73	130	504	215	123	0	47	244
31	92	79	64	71	92	52	72	179	384	262	2	0	34	136
Sums		1932	1341	1628	2745	1199	1964	4407	13634	4887	518	0	1144	4308
Average		62.3	43.3	52.5	88.5	41.3	63.4	.152	454.5	162.9	.17	.0	45.8	.172

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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	62	52	37	51	40	49	43	49	44	55	36	52	38	50	41	49	42
2	63	52	0	52	0	52	0	51	0	51	0	52	0	53	0	52	0
3	64	58	42	56	43	53	46	52	47	62	39	57	42	55	45	52	46
4	65	53	40	52	42	51	44	51	45	55	37	53	40	51	42	51	44
5	66	64	43	61	43	55	44	53	45	68	42	63	41	58	42	54	44
6	67	66	48	63	48	57	48	55	48	71	48	66	47	60	47	56	48
7	68	64	53	64	52	63	51	61	50	71	54	66	52	65	51	61	50
8	69	66	50	64	50	60	52	59	53	70	47	66	49	63	52	60	53
9	70	64	52	62	51	58	52	57	52	67	50	63	50	61	51	58	51
10	71	58	49	58	50	57	51	56	52	60	47	58	48	57	50	56	51
11	72	63	46	61	47	58	49	57	51	67	41	63	45	60	48	58	50
12	73	65	48	62	48	58	49	56	50	69	47	65	46	61	48	57	50
13	74	56	50	55	50	55	51	55	51	57	48	56	49	55	50	55	50
14	75	55	46	54	47	54	48	54	49	56	44	56	45	55	48	54	49
15	76	52	43	52	44	52	46	52	47	53	39	53	42	53	44	53	46
16	77	62	45	60	44	55	46	54	47	65	44	60	43	57	45	55	46
17	78	60	51	59	50	56	50	56	50	62	49	60	50	58	49	56	49
18	79	57	47	56	48	55	50	55	50	57	44	57	46	56	48	55	50
19	80	55	44	55	45	53	47	54	48	56	40	54	42	54	45	54	47
20	81	57	44	56	45	53	47	53	48	58	40	56	42	54	45	53	47
21	82	59	44	56	45	54	47	53	48	62	40	59	43	56	45	54	47
22	83	58	45	56	45	54	47	53	48	60	41	58	43	56	46	54	47
23	84	66	48	62	46	57	48	56	48	71	45	65	45	61	46	57	47
24	85	70	53	67	50	61	51	59	51	76	53	70	51	64	50	60	50
25	86	63	48	61	49	59	52	58	53	65	44	63	47	62	50	59	52
26	87	69	51	66	50	60	52	59	52	74	51	68	48	63	50	60	51
27	88	70	53	66	53	62	56	60	55	72	49	68	51	65	54	62	55
28	89	77	57	72	55	65	55	63	56	81	56	76	54	69	54	64	55
29	90	76	60	73	60	66	60	64	59	81	59	76	60	70	60	65	60
30	91	80	64	75	62	68	62	65	61	86	64	79	63	71	62	67	61
31	92	76	65	73	65	68	64	66	63	79	65	75	65	71	64	67	63
Sums		1943	1466	1880	1467	1778	1508	1746	1521	2037	1403	1933	1427	1844	1472	1768	1501
Averages		62.7	48.9	60.6	48.9	57.4	50.3	56.3	50.7	65.7	46.8	62.4	47.6	59.5	49.1	57.0	50.0

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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	62	19	6		0
2	63	17	8		0
3	64	15	10		0
4	65	22	3		0
5	66	15	10		0
6	67	7	18		0
7	68	0	27		2
8	69	6	19		0
9	70	17	8		0
10	71	10	15		0
11	72	16	9		0
12	73	14	11		0
13	74	15	10		0
14	75	20	5		0
15	76	24	1		0
16	77	14	11		0
17	78	7	18		0
18	79	23	2		0
19	80	24	1		0
20	81	23	2		0
21	82	23	2		0
22	83	19	6		0
23	84	14	11		0
24	85	6	19		0
25	86	12	13		0
26	87	11	14		0
27	88	10	15		0
28	89	1	24		0
29	90	0	28		3
30	91	0	31		6
31	92	0	31		6
Sums for month		404	388		17
6038	Accumulated	heating degree days	since July 1		
725	Accumulated	growing degree days	since Jan. 1		
42	Accumulated	cooling degree days	since Apr. 1		