

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 1997

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	62	74	48	61	91	29	60	247	548	116	0	0	0	
2	63	71	38	54	99	51	75	75	356	170	0	0	0	
3	64	56	41	48	100	37	68	127	481	125	10	0	0	
4	65	65	39	52	100	71	85	18	204	147	50	0	0	
5	66	54	35	44	98	50	74	62	397	163	T	0	0	
6	67	66	41	53	100	24	62	201	521	125	5	0	0	
7	68	52	32	42	100	57	78	50	304	155	T	0	0	
8	69	51	34	42	85	38	61	120	548	145	0	0	0	
9	70	59	40	49	100	31	65	116	426	266	13	0	0	
10	71	63	44	53	100	59	79	24	286	191	26	0	0	
11	72	48	42	45	100	72	86	14	176	119	16	0	0	
12	73	62	44	53	100	32	66	106	591	112	5	0	0	
13	74	64	43	53	100	51	75	74	301	159	1	0	0	
14	75	63	42	52	100	38	69	121	442	269	0	0	0	
15	76	60	43	51	100	48	74	44	328	190	2	0	0	
16	77	58	38	48	100	50	75	36	331	218	9	0	0	
17	78	47	40	43	100	70	85	25	169	156	7	0	138	166
18	79	52	37	44	100	54	77	12	158	89	1	0	77	46
19	80	62	43	52	100	46	73	123	463	245	37	0	60	197
20	81	67	42	54	100	89	94	3	128	119	65	0	84	118
21	82	54	40	47	100	60	80	43	378	239	0	0	129	177
22	83	53	39	46	100	61	80	52	231	354	T	0	162	134
23	84	55	40	47	100	55	77	62	205	437	0	0	172	193
24	85	61	43	52	100	52	76	81	104	656	0	0	18	258
25	86	71	49	60	100	46	73	139	237	446	4	0	44	144
26	87	61	40	50	100	73	86	24	234	167	1	0	76	202
27	88	58	38	48	100	50	75	69	611	185	0	0	86	148
28	89	62	38	50	100	37	68	114	644	100	0	0	60	236
29	90	71	46	58	100	28	64	187	638	150	0	0	30	230
30	91	65	51	58	100	31	65	188	299	256	8	0	105	239
31	92	67	54	60	100	73	86	35	232	194	2	0	67	149
Sums		1872	1284	1569	3073	1563	2311	2592	10971	6463	262	0	1308	2637
Average		60.4	41.4	50.6	99.1	50.4	74.5	.084	353.9	208.5	.08	.0	42.2	.085

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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	68	49	63	47	58	47	55	47	72	50	66	47	64	47	61	47
2	63	65	41	61	43	58	47	56	49	70	42	66	44	64	47	61	49
3	64	67	46	63	46	56	47	54	48	72	47	68	46	62	48	60	48
4	65	59	42	56	44	54	47	53	48	64	42	60	44	58	46	56	48
5	66	59	38	56	40	53	44	52	46	59	37	56	40	56	43	54	45
6	67	64	46	59	44	55	45	53	46	66	45	63	44	60	44	57	45
7	68	55	36	54	39	52	44	52	46	59	37	57	40	57	43	56	46
8	69	60	38	57	40	52	44	51	44	63	38	60	40	58	43	56	45
9	70	63	45	60	43	54	44	52	45	68	45	62	43	60	43	56	45
10	71	62	46	59	47	54	48	53	48	65	46	62	47	60	48	58	48
11	72	52	41	51	43	51	45	51	46	56	41	56	43	56	45	55	45
12	73	64	46	61	45	55	45	53	46	65	47	62	45	60	45	57	46
13	74	62	45	58	46	55	48	53	48	64	45	62	46	60	48	58	48
14	75	64	45	60	45	56	48	54	48	67	45	63	47	61	48	60	49
15	76	63	47	60	48	56	49	54	49	68	47	64	48	63	49	59	49
16	77	61	43	58	45	55	47	54	48	64	43	62	45	61	47	59	48
17	78	52	43	51	43	51	46	51	45	58	43	57	44	57	45	57	46
18	79	51	40	50	41	50	44	50	45	56	39	55	41	55	43	54	45
19	80	65	46	60	44	55	45	53	45	67	46	62	44	61	45	59	45
20	81	63	47	60	49	57	51	56	50	66	47	63	49	62	51	60	51
21	82	63	42	60	44	56	47	54	49	66	41	62	44	60	46	58	48
22	83	56	41	55	44	53	46	52	48	59	42	58	44	58	46	57	47
23	84	58	41	56	43	53	46	52	47	62	42	59	44	58	46	57	47
24	85	71	48	66	46	58	46	55	46	72	48	66	46	65	46	60	47
25	86	74	52	68	52	60	51	58	51	77	53	70	52	67	52	64	51
26	87	63	44	61	47	58	50	56	50	66	44	65	47	63	49	61	51
27	88	72	45	66	47	60	50	57	51	72	45	66	48	63	50	61	50
28	89	76	46	70	48	61	51	59	51	76	47	70	50	66	51	64	51
29	90	79	51	73	52	64	52	61	52	81	52	74	52	69	53	67	53
30	91	69	53	65	54	61	55	59	55	70	54	67	55	66	55	64	55
31	92	65	54	63	55	60	55	58	55	66	55	67	56	66	56	64	55
Sums		1965	1387	1860	1414	1731	1474	1681	1492	2056	1395	1950	1425	1896	1468	1830	1493
Averages		63.4	44.7	60.0	45.6	55.8	47.5	54.2	48.1	66.3	45.0	62.9	46.0	61.2	47.4	59.0	48.2

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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	4	21		0
2	63	11	14		0
3	64	17	8		0
4	65	13	12		0
5	66	21	4		0
6	67	12	13		0
7	68	23	2		0
8	69	23	2		0
9	70	16	9		0
10	71	12	13		0
11	72	20	5		0
12	73	12	13		0
13	74	12	13		0
14	75	13	12		0
15	76	14	11		0
16	77	17	8		0
17	78	22	3		0
18	79	21	4		0
19	80	13	12		0
20	81	11	14		0
21	82	18	7		0
22	83	19	6		0
23	84	18	7		0
24	85	13	12		0
25	86	5	20		0
26	87	15	10		0
27	88	17	8		0
28	89	15	10		0
29	90	7	18		0
30	91	7	18		0
31	92	5	20		0
Sums for month		446	329		0

7024 Accumulated heating degree days since July 1  
 544 Accumulated growing degree days since Jan. 1  
 0 Accumulated cooling degree days since Apr. 1