

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 2007

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	60	42	51	78	34	56	185	617	100	0	0	0	0
2	63	54	41	47	95	50	72	93	198	145	13	0	0	0
3	64	59	37	48	93	30	61	137	630	75	0	0	0	0
4	65	60	35	47	88	11	49	172	647	66	0	0	0	0
5	66	63	38	50	88	22	55	200	630	85	0	0	0	0
6	67	63	37	50	73	23	48	200	633	117	0	0	0	0
7	68	57	33	45	91	34	62	137	649	68	0	0	0	0
8	69	70	41	55	79	19	49	285	632	94	0	0	0	0
9	70	83	51	67	85	13	49	392	628	87	0	0	0	0
10	71	85	59	72	91	34	62	268	480	241	0	0	0	0
11	72	70	53	61	100	81	90	32	128	101	80	0	0	0
12	73	73	44	58	92	60	76	132	520	199	0	0	0	0
13	74	57	37	47	78	37	57	131	571	218	0	0	0	0
14	75	56	36	46	84	20	52	162	668	105	0	0	0	0
15	76	71	42	56	82	16	49	348	585	156	5	0	0	210
16	77	81	60	70	100	47	73	207	410	200	36	0	95	266
17	78	66	41	53	100	82	91	14	139	132	22	0	100	114
18	79	54	36	45	100	50	75	67	558	232	0	0	87	170
19	80	54	39	46	98	57	77	76	450	250	T	0	62	253
20	81	70	49	59	87	21	54	245	658	120	0	0	152	206
21	82	58	41	49	98	57	77	56	200	181	2	0	115	66
22	83	63	36	49	93	30	61	143	674	147	0	0	70	245
23	84	72	46	59	87	17	52	228	575	297	0	0	49	203
24	85	83	57	70	87	36	61	277	624	133	0	0	35	216
25	86	86	63	74	89	39	64	321	465	227	0	0	45	192
26	87	85	59	72	89	44	66	323	552	251	0	0	82	353
27	88	75	54	64	90	33	61	228	551	231	0	0	48	14
28	89	78	55	66	95	54	74	147	287	214	0	0	74	259
29	90	73	48	60	93	40	66	170	607	163	0	0	82	249
30	91	73	48	60	91	42	66	181	673	98	0	0	42	245
31	92	85	57	71	94	39	66	271	639	115	0	0	41	132
Sums		2137	1415	1767	2788	1172	1971	5828	16278	4848	158	0	1179	3393
Average		68.9	45.6	57.0	89.9	37.8	63.6	.188	525.1	156.4	.05	.0	73.7	.200

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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	65	36	62	38	55	43	52	45	68	38	64	40	59	43	54	44
2	63	55	39	53	40	51	42	50	43	55	40	53	41	52	42	51	43
3	64	68	35	64	37	55	42	51	43	69	35	64	38	58	41	53	43
4	65	73	33	67	36	57	42	52	44	73	34	66	38	60	41	54	43
5	66	75	36	68	38	56	45	53	46	74	38	67	40	60	44	54	45
6	67	75	35	69	37	59	44	55	45	74	36	68	39	62	42	57	45
7	68	75	33	69	37	58	43	54	45	74	34	68	38	61	42	56	44
8	69	79	44	72	46	60	47	56	48	78	45	70	45	64	46	57	48
9	70	85	52	77	52	62	52	60	52	85	53	76	52	68	52	61	51
10	71	87	58	79	58	66	56	62	57	87	59	80	58	72	57	64	56
11	72	70	50	66	51	61	54	61	55	69	51	66	53	64	55	62	55
12	73	78	43	73	45	63	52	61	54	78	44	72	48	67	52	62	53
13	74	71	37	67	39	61	46	59	48	74	39	69	41	65	44	60	48
14	75	75	37	69	40	60	47	57	49	75	39	69	43	64	46	58	49
15	76	80	50	73	50	61	51	59	52	79	51	73	49	66	50	60	51
16	77	74	55	70	54	62	54	60	54	75	55	70	55	65	54	61	54
17	78	63	48	61	49	60	53	59	55	63	48	61	50	61	52	60	54
18	79	69	42	64	45	59	51	57	53	69	44	65	47	61	51	57	53
19	80	64	45	61	47	57	52	55	53	65	46	62	48	60	51	56	53
20	81	78	53	72	51	61	52	58	52	78	53	72	51	65	51	60	52
21	82	60	45	59	48	58	53	57	54	61	46	60	49	59	52	58	54
22	83	79	45	73	47	62	53	58	53	80	46	73	49	66	52	59	53
23	84	79	52	73	53	62	54	59	55	80	53	73	54	67	54	60	55
24	85	89	58	81	58	66	57	63	57	90	59	81	58	72	58	64	57
25	86	86	61	78	62	69	62	65	61	87	62	79	64	74	63	67	62
26	87	90	63	84	64	72	64	68	63	91	64	85	66	78	65	70	64
27	88	92	61	85	63	73	66	69	66	93	62	85	64	78	66	71	66
28	89	79	57	75	59	69	63	67	64	80	58	75	61	72	63	68	64
29	90	86	55	80	57	70	62	67	63	85	55	79	59	74	61	69	63
30	91	91	56	84	58	72	62	67	62	92	57	84	60	76	62	69	62
31	92	95	63	87	64	74	64	69	64	96	64	87	64	79	64	71	64
Sums		2385	1477	2215	1523	1931	1628	1840	1655	2397	1508	2216	1562	2049	1616	1883	1648
Averages		76.9	47.6	71.5	49.1	62.3	52.5	59.4	53.4	77.3	48.6	71.5	50.4	66.1	52.1	60.7	53.2

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Cooling Degrees Base 65F
1	62	14	11	0
2	63	18	7	0
3	64	17	8	0
4	65	18	7	0
5	66	15	10	0
6	67	15	10	0
7	68	20	5	0
8	69	10	15	0
9	70	0	27	2
10	71	0	32	7
11	72	4	21	0
12	73	7	18	0
13	74	18	7	0
14	75	19	6	0
15	76	9	16	0
16	77	0	30	5
17	78	12	13	0
18	79	20	5	0
19	80	19	6	0
20	81	6	19	0
21	82	16	9	0
22	83	16	9	0
23	84	6	19	0
24	85	0	30	5
25	86	0	34	9
26	87	0	32	7
27	88	1	24	0
28	89	0	26	1
29	90	5	20	0
30	91	5	20	0
31	92	0	31	6
Sums for month		290	527	42
6808	Accumulated heating degree days since July 1			
775	Accumulated growing degree days since Jan. 1			
42	Accumulated cooling degree days since Apr. 1			