

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

June 2005

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 Total	Cal/Cm2 Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	93	74	50	62	84	37	60	315	676	98	0	0	50	224
2	94	79	55	67	98	48	73	159	638	179	0	0	45	259
3	95	82	57	69	100	63	81	117	434	361	0	0	68	303
4	96	75	58	66	91	52	71	273	344	279	0	0	81	218
5	97	74	56	65	85	47	66	347	558	256	0	0	46	229
6	98	86	67	76	88	34	61	368	431	186	0	0	52	122
7	99	87	65	76	92	26	59	293	662	136	T	0	93	227
8	100	86	60	73	96	42	69	296	593	176	0	0	97	389
9	101	94	64	79	100	61	80	80	582	238	1	0	82	317
10	102	92	70	81	98	59	78	175	336	225	11	0	87	273
11	103	96	61	78	100	76	88	76	515	249	60	0	58	316
12	104	88	70	79	100	55	77	129	323	281	39	0	64	474
13	105	82	70	76	91	61	76	196	451	266	8	0	80	13
14	106	89	70	79	98	57	77	163	564	224	115	0	21	0
15	107	84	67	75	99	81	90	41	422	226	4	0	94	334
16	108	78	59	68	100	73	86	42	198	186	27	0	97	271
17	109	62	54	58	96	72	84	60	248	232	20	0	84	158
18	110	63	55	59	100	61	80	83	262	236	36	0	111	5
19	111	64	54	59	98	51	74	134	415	286	T	0	72	174
20	112	67	49	58	99	37	68	218	631	186	0	0	44	28
21	113	77	56	66	98	48	73	133	580	183	0	0	54	200
22	114	81	63	72	89	35	62	244	656	145	3	0	74	285
23	115	69	48	58	76	35	55	433	696	130	0	0	111	280
24	116	77	54	65	85	40	62	430	668	133	0	0	54	258
25	117	89	61	75	94	34	64	338	622	233	0	0	64	307
26	118	93	67	80	94	39	66	291	659	142	0	0	90	339
27	119	88	64	76	100	51	75	232	583	218	0	0	23	298
28	120	92	70	81	100	77	88	49	502	281	0	0	107	358
29	121	92	66	79	94	50	72	198	311	254	151	0	51	0
30	122	82	60	71	84	48	66	210	640	226	7	0	43	146
<b>Sums</b>		<b>2442</b>	<b>1820</b>	<b>2126</b>	<b>2827</b>	<b>1550</b>	<b>2181</b>	<b>6123</b>	<b>15200</b>	<b>6451</b>	<b>482</b>	<b>0</b>	<b>2097</b>	<b>6805</b>
<b>Average</b>		<b>81.4</b>	<b>60.7</b>	<b>70.9</b>	<b>94.2</b>	<b>51.7</b>	<b>72.7</b>	<b>.204</b>	<b>506.7</b>	<b>215.0</b>	<b>.16</b>	<b>.0</b>	<b>69.9</b>	<b>.227</b>

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Soil Temperature F																	
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Sod <span style="float: right;">Bare</span>																	
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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
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1	93	89	58	83	59	71	60	67	59	90	60	82	61	75	61	69	60
2	94	91	61	85	62	73	63	69	63	92	62	85	64	78	64	71	63
3	95	85	63	80	63	72	65	70	65	85	63	80	65	75	65	70	64
4	96	80	60	76	63	70	65	68	65	81	61	77	63	73	65	69	65
5	97	90	67	84	66	74	65	70	64	91	68	85	67	78	66	73	65
6	98	88	65	82	66	74	68	71	68	89	66	82	68	77	69	73	68
7	99	94	66	89	67	76	68	72	67	95	67	87	69	82	69	75	68
8	100	96	68	90	69	78	69	74	69	98	69	90	70	83	71	76	69
9	101	96	71	90	71	79	70	75	70	97	72	90	72	84	71	78	70
10	102	90	67	83	68	77	70	74	70	90	67	83	69	78	70	75	70
11	103	90	71	86	71	78	69	74	69	94	71	87	71	82	70	77	69
12	104	85	71	82	71	75	71	73	71	84	71	81	72	79	72	75	71
13	105	89	70	85	71	77	71	74	70	92	71	87	71	81	72	76	71
14	106	85	67	82	68	75	70	73	71	88	68	83	70	79	71	74	71
15	107	82	64	78	65	74	68	72	69	84	65	80	66	76	68	73	69
16	108	68	59	68	59	69	63	69	64	69	58	68	60	69	62	70	64
17	109	68	59	67	60	65	62	66	63	68	59	66	60	66	61	66	63
18	110	71	58	68	59	65	61	65	63	70	59	67	60	66	61	65	62
19	111	74	54	71	56	66	61	64	62	74	54	70	57	68	60	65	61
20	112	82	60	77	61	69	61	66	61	84	61	78	60	73	60	68	61
21	113	88	65	82	65	73	64	70	64	89	66	82	65	77	65	71	65
22	114	86	57	81	59	74	65	70	67	87	57	81	61	77	64	71	66
23	115	90	61	85	63	75	65	71	65	92	62	84	64	78	64	73	65
24	116	95	68	88	67	76	67	73	67	96	68	88	67	81	67	75	67
25	117	98	70	92	71	80	71	76	70	100	71	92	73	85	72	78	71
26	118	100	71	94	72	83	74	78	73	102	72	95	74	88	74	81	74
27	119	101	75	95	75	83	75	79	74	102	76	95	77	88	76	82	75
28	120	98	72	93	73	84	76	80	76	100	73	93	75	88	76	82	77
29	121	88	68	84	69	78	72	77	73	88	69	83	70	80	72	77	72
30	122	91	69	86	70	79	72	76	72	95	70	88	72	84	72	78	72
<b>Sums</b>		<b>2628</b>	<b>1955</b>	<b>2486</b>	<b>1979</b>	<b>2242</b>	<b>2021</b>	<b>2156</b>	<b>2024</b>	<b>2666</b>	<b>1976</b>	<b>2489</b>	<b>2013</b>	<b>2348</b>	<b>2030</b>	<b>2206</b>	<b>2028</b>
<b>Averages</b>		<b>87.6</b>	<b>65.2</b>	<b>82.9</b>	<b>66.0</b>	<b>74.7</b>	<b>67.4</b>	<b>71.9</b>	<b>67.5</b>	<b>88.9</b>	<b>65.9</b>	<b>83.0</b>	<b>67.1</b>	<b>78.3</b>	<b>67.7</b>	<b>73.5</b>	<b>67.6</b>

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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	93	3	22	0
	2	94	0	27	2
	3	95	0	29	4
	4	96	0	26	1
	5	97	0	25	0
	6	98	0	36	11
	7	99	0	36	11
	8	100	0	33	8
	9	101	0	39	14
	10	102	0	41	16
	11	103	0	38	13
	12	104	0	39	14
	13	105	0	36	11
	14	106	0	39	14
	15	107	0	35	10
	16	108	0	28	3
	17	109	7	18	0
	18	110	6	19	0
	19	111	6	19	0
	20	112	7	18	0
	21	113	0	26	1
	22	114	0	32	7
	23	115	7	18	0
	24	116	0	25	0
	25	117	0	35	10
	26	118	0	40	15
	27	119	0	36	11
	28	120	0	41	16
	29	121	0	39	14
	30	122	0	31	6
	<b>Sums for month</b>		<b>36</b>	<b>926</b>	<b>212</b>

7041 Accumulated heating degree days since July 1  
 1555 Accumulated growing degree days since Jan. 1  
 215 Accumulated cooling degree days since Apr. 1