

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, 2000

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Gm Cal/Cm2 Total	Diff				
1	62	56	40	48	68	20	44	203	588	93	0	0	0	247
2	63	72	42	57	98	31	64	98	209	175	23	0	78	43
3	64	57	36	46	88	33	60	124	587	112	0	0	44	304
4	65	68	44	56	85	28	56	219	602	92	0	0	16	87
5	66	76	57	66	80	31	55	260	337	191	1	0	42	169
6	67	80	66	73	84	47	65	286	403	220	0	0	57	215
7	68	83	64	73	77	43	60	401	536	210	0	0	49	290
8	69	83	60	71	94	44	69	311	499	211	0	0	57	287
9	70	84	65	74	80	47	63	336	317	226	0	0	7	155
10	71	83	61	72	98	46	72	210	360	258	16	0	39	230
11	72	71	47	59	97	71	84	56	162	101	66	0	70	39
12	73	68	49	58	96	37	66	147	535	101	22	0	34	188
13	74	68	51	59	99	76	87	47	226	170	132	0	75	295
14	75	80	47	63	93	51	72	139	291	203	7	0	68	160
15	76	59	45	52	77	42	59	155	432	225	T	0	70	195
16	77	57	41	49	75	36	55	169	392	187	0	0	61	330
17	78	65	47	56	84	22	53	190	483	274	0	0	32	25
18	79	72	47	59	84	34	59	255	542	130	2	0	118	292
19	80	73	43	58	97	63	80	58	57	53	103	0	72	148
20	81	47	41	44	99	90	94	14	112	103	25	0	37	127
21	82	53	46	49	99	88	93	18	95	88	3	0	24	34
22	83	55	47	51	99	83	91	26	139	130	1	0	1	42
23	84	59	46	52	99	83	91	22	167	155	5	0	12	40
24	85	68	53	60	98	68	83	54	345	234	31	0	55	90
25	86	75	54	64	92	34	63	144	426	163	12	0	74	203
26	87	64	46	55	93	53	73	114	351	174	3	0	112	169
27	88	61	47	54	89	58	73	117	450	216	0	0	143	155
28	89	65	48	56	91	42	66	136	499	240	0	0	38	191
29	90	59	46	52	96	60	78	88	386	268	0	0	39	138
30	91	68	46	57	96	46	71	135	499	249	0	0	23	179
31	92	72	53	62	84	39	61	212	613	182	0	0	82	265
<b>Sums</b>		<b>2101</b>	<b>1525</b>	<b>1805</b>	<b>2789</b>	<b>1546</b>	<b>2160</b>	<b>4744</b>	<b>11640</b>	<b>5434</b>	<b>452</b>	<b>0</b>	<b>1629</b>	<b>5332</b>
<b>Average</b>		<b>67.8</b>	<b>49.2</b>	<b>58.2</b>	<b>90.0</b>	<b>49.9</b>	<b>69.7</b>	<b>.153</b>	<b>375.5</b>	<b>175.3</b>	<b>.15</b>	<b>.0</b>	<b>52.5</b>	<b>.172</b>

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Mo. Day	Cl. Day	Soil Temperature F															
		Sod								Bare							
		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	61	41	58	43	53	46	53	46	63	40	60	42	56	44	54	45
2	63	56	44	54	44	52	46	52	46	59	42	56	44	54	44	53	46
3	64	63	42	60	43	54	46	53	47	64	40	61	42	57	44	54	46
4	65	66	47	63	46	56	47	54	48	70	45	64	45	59	46	55	47
5	66	65	53	61	52	56	51	56	51	65	52	61	51	58	52	55	51
6	67	70	58	67	57	60	55	58	54	74	59	68	58	63	56	58	54
7	68	73	59	70	59	62	57	60	56	78	59	73	60	66	58	61	57
8	69	74	60	70	60	63	59	61	58	79	60	74	61	67	60	62	58
9	70	72	61	69	61	64	60	62	59	75	62	71	62	67	61	62	60
10	71	72	62	70	62	66	60	65	59	76	62	72	62	68	62	65	60
11	72	66	53	65	55	63	56	62	57	68	50	66	53	64	55	62	56
12	73	71	55	69	56	62	56	61	56	73	53	68	53	65	55	61	55
13	74	63	56	62	56	61	57	60	56	65	53	62	55	61	55	60	56
14	75	68	54	65	54	62	57	61	56	71	51	67	53	64	56	61	57
15	76	61	52	60	52	59	54	59	55	63	49	61	51	60	53	58	54
16	77	59	48	58	49	57	52	57	53	61	45	59	47	58	50	57	52
17	78	62	52	61	52	57	53	57	54	64	50	61	50	59	52	57	53
18	79	68	56	65	55	60	55	58	55	71	54	66	54	62	54	59	54
19	80	62	51	61	52	60	54	59	54	62	49	61	51	60	53	59	54
20	81	56	50	56	50	56	51	57	51	55	48	55	48	56	50	57	51
21	82	56	50	56	50	55	51	56	51	56	49	55	49	55	50	55	50
22	83	57	50	56	51	56	52	56	52	58	49	57	50	57	51	55	51
23	84	58	50	57	51	56	52	56	52	60	48	58	49	57	51	56	51
24	85	62	53	60	52	58	53	58	53	66	53	61	51	60	52	58	52
25	86	66	56	64	56	60	56	59	56	71	54	65	56	62	56	59	55
26	87	63	52	61	54	60	57	58	56	65	50	62	52	61	54	58	55
27	88	62	53	61	54	58	56	58	56	66	51	62	53	60	55	59	56
28	89	64	55	64	55	59	56	58	56	70	53	66	54	62	55	59	56
29	90	62	54	61	55	59	56	58	56	65	53	63	54	60	56	59	56
30	91	66	55	65	56	60	56	59	56	71	52	66	54	63	56	59	56
31	92	69	57	68	57	62	58	60	58	74	55	67	56	64	57	60	57
<b>Sums</b>		<b>1993</b>	<b>1639</b>	<b>1937</b>	<b>1649</b>	<b>1826</b>	<b>1675</b>	<b>1801</b>	<b>1673</b>	<b>2078</b>	<b>1590</b>	<b>1968</b>	<b>1620</b>	<b>1885</b>	<b>1653</b>	<b>1807</b>	<b>1661</b>
<b>Averages</b>		<b>64.3</b>	<b>52.9</b>	<b>62.5</b>	<b>53.2</b>	<b>58.9</b>	<b>54.0</b>	<b>58.1</b>	<b>54.0</b>	<b>67.0</b>	<b>51.3</b>	<b>63.5</b>	<b>52.3</b>	<b>60.8</b>	<b>53.3</b>	<b>58.3</b>	<b>53.6</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	62	17	8		0
2	63	8	17		0
3	64	19	6		0
4	65	9	16		0
5	66	0	26		1
6	67	0	33		8
7	68	0	33		8
8	69	0	31		6
9	70	0	34		9
10	71	0	32		7
11	72	6	19		0
12	73	7	18		0
13	74	6	19		0
14	75	2	23		0
15	76	13	12		0
16	77	16	9		0
17	78	9	16		0
18	79	6	19		0
19	80	7	18		0
20	81	21	4		0
21	82	16	9		0
22	83	14	11		0
23	84	13	12		0
24	85	5	20		0
25	86	1	24		0
26	87	10	15		0
27	88	11	14		0
28	89	9	16		0
29	90	13	12		0
30	91	8	17		0
31	92	3	22		0
<b>Sums for month</b>		<b>249</b>	<b>565</b>		<b>39</b>

6502 Accumulated heating degree days since July 1  
 851 Accumulated growing degree days since Jan. 1  
 39 Accumulated cooling degree days since Apr.