

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

April 2005

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	32	58	44	51	95	51	73	100	272	149	1	0	0	0
2	33	56	38	47	100	43	71	110	429	99	37	0	0	0
3	34	42	35	38	100	98	99	1	37	35	189	0	0	0
4	35	40	33	36	99	85	92	7	118	110	31	0	0	0
5	36	49	33	41	85	33	59	113	336	225	0	0	0	0
6	37	57	40	48	77	18	47	211	459	173	0	0	0	0
7	38	70	45	57	86	40	63	183	406	166	0	0	0	0
8	39	66	38	52	97	45	71	77	96	86	3	0	0	0
9	40	56	31	43	95	33	64	88	530	91	0	0	0	0
10	41	60	34	47	85	14	49	160	569	59	0	0	0	0
11	42	64	33	48	70	22	46	197	555	81	0	0	0	0
12	43	46	30	38	73	21	47	122	592	60	0	0	0	0
13	44	50	31	40	69	27	48	124	589	67	0	0	0	0
14	45	49	34	41	77	36	56	139	590	74	0	0	0	0
15	46	53	34	43	62	36	49	164	568	111	0	0	0	0
16	47	58	31	44	82	22	52	150	583	92	0	0	0	0
17	48	68	36	52	76	14	45	234	582	114	0	0	0	0
18	49	72	47	59	69	14	41	327	501	176	0	0	0	0
19	50	69	44	56	72	23	47	263	584	83	0	0	0	0
20	51	80	47	63	58	23	40	453	553	132	0	0	0	0
21	52	77	34	55	100	36	68	86	261	157	48	0	0	0
22	53	49	29	39	91	31	61	93	618	71	0	0	0	0
23	54	64	34	49	100	35	67	69	409	165	103	0	0	0
24	55	61	38	49	100	70	85	23	188	163	40	0	0	0
25	56	44	31	37	88	61	74	49	191	171	T	0	0	0
26	57	45	34	39	87	58	72	64	184	172	5	0	0	0
27	58	68	44	56	91	28	59	248	382	209	0	0	0	0
28	59	62	42	52	95	39	67	111	414	208	6	0	0	0
29	60	52	34	43	85	35	60	93	483	201	3	0	0	0
30	61	57	38	47	92	39	65	138	406	140	T	0	0	0
<b>Sums</b>		<b>1742</b>	<b>1096</b>	<b>1410</b>	<b>2556</b>	<b>1130</b>	<b>1837</b>	<b>4197</b>	<b>12485</b>	<b>3840</b>	<b>466</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Average</b>		<b>58.1</b>	<b>36.5</b>	<b>47.0</b>	<b>85.2</b>	<b>37.7</b>	<b>61.2</b>	<b>.140</b>	<b>416.2</b>	<b>128.0</b>	<b>.16</b>	<b>.0</b>	<b>.0</b>	<b>.000</b>

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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	32	54	38	52	38	47	39	45	38	54	38	51	39	49	39	45	38
2	33	59	38	55	38	48	38	46	38	58	38	54	39	50	39	47	38
3	34	43	33	44	34	43	36	44	36	44	33	44	34	44	35	44	36
4	35	43	30	42	31	40	33	40	34	43	30	42	31	41	33	40	34
5	36	48	28	45	29	41	33	41	34	48	28	46	30	43	32	42	33
6	37	59	32	53	31	46	33	46	34	58	32	52	32	49	32	45	33
7	38	65	42	59	39	50	39	48	38	64	42	58	40	53	40	48	38
8	39	53	39	52	39	49	42	47	42	54	39	53	40	51	41	49	42
9	40	62	31	59	33	51	39	48	40	62	32	57	35	52	38	49	40
10	41	63	33	59	35	50	39	48	40	63	34	57	36	52	39	49	40
11	42	63	33	59	36	51	40	50	41	64	34	59	37	54	40	50	41
12	43	61	30	58	33	51	39	49	40	61	31	56	34	53	37	49	40
13	44	63	30	59	32	49	38	47	40	62	30	57	33	52	36	48	38
14	45	63	33	59	35	50	39	47	40	62	34	57	36	53	37	48	39
15	46	64	33	60	35	52	40	49	41	64	34	59	36	54	38	50	40
16	47	68	34	62	36	52	41	49	42	68	34	61	38	55	40	50	41
17	48	70	38	64	40	53	42	51	43	70	38	62	41	56	42	52	43
18	49	72	44	66	42	56	44	54	45	73	45	65	44	59	44	55	44
19	50	76	44	70	45	58	47	56	47	77	45	69	47	62	48	57	47
20	51	78	51	72	49	59	49	58	50	79	51	71	49	65	50	59	49
21	52	72	37	67	40	60	46	58	48	NA	NA	67	41	63	46	59	48
22	53	66	34	61	37	55	44	54	46	NA	NA	60	39	57	43	55	45
23	54	64	43	59	41	54	45	53	46	NA	NA	59	43	56	44	54	45
24	55	59	40	55	41	52	45	51	45	NA	NA	56	42	53	44	51	45
25	56	50	33	50	35	50	40	51	42	NA	NA	50	35	50	38	50	41
26	57	47	37	46	37	45	40	46	40	NA	NA	46	37	45	39	46	40
27	58	59	43	56	41	52	41	51	42	NA	NA	55	41	53	41	51	42
28	59	61	39	58	40	53	44	51	45	NA	NA	59	41	56	44	52	45
29	60	58	33	56	35	51	41	50	42	NA	NA	55	36	53	39	51	42
30	61	65	42	60	39	53	41	51	43	NA	NA	59	40	55	41	52	42
<b>Sums</b>		<b>1828</b>	<b>1095</b>	<b>1717</b>	<b>1116</b>	<b>1521</b>	<b>1217</b>	<b>1479</b>	<b>1242</b>	<b>1228</b>	<b>722</b>	<b>1696</b>	<b>1146</b>	<b>1588</b>	<b>1199</b>	<b>1497</b>	<b>1229</b>
<b>Averages</b>		<b>60.9</b>	<b>36.5</b>	<b>57.2</b>	<b>37.2</b>	<b>50.7</b>	<b>40.6</b>	<b>49.3</b>	<b>41.4</b>	<b>61.4</b>	<b>36.1</b>	<b>56.5</b>	<b>38.2</b>	<b>52.9</b>	<b>40.0</b>	<b>49.9</b>	<b>41.0</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	32	14	11		0
2	33	18	7		0
3	34	27	0		0
4	35	29	0		0
5	36	24	1		0
6	37	17	8		0
7	38	8	17		0
8	39	13	12		0
9	40	22	3		0
10	41	18	7		0
11	42	17	8		0
12	43	27	0		0
13	44	25	0		0
14	45	24	1		0
15	46	22	3		0
16	47	21	4		0
17	48	13	12		0
18	49	6	19		0
19	50	9	16		0
20	51	2	23		0
21	52	10	15		0
22	53	26	0		0
23	54	16	9		0
24	55	16	9		0
25	56	28	0		0
26	57	26	0		0
27	58	9	16		0
28	59	13	12		0
29	60	22	3		0
30	61	18	7		0
<b>Sums for month</b>		<b>540</b>	<b>223</b>		<b>0</b>
		<b>6608</b>	<b>Accumulated heating degree days since July 1</b>		
		<b>244</b>	<b>Accumulated growing degree days since Jan. 1</b>		
		<b>0</b>	<b>Accumulated cooling degree days since Apr. 1</b>		