

**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** **December 2005**

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	Hund Diff	Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	276	39	32	35	100	70	85	39	24	23	T	0	0	0
2	277	34	30	32	93	74	83	34	29	28	T	T	0	0
3	278	34	23	28	96	78	87	20	91	83	T	T	0	0
4	279	30	22	26	94	54	74	40	138	78	12	15	0	0
5	280	29	23	26	97	52	74	40	34	27	T	T	0	0
6	281	28	21	24	96	62	79	35	91	88	T	T	0	0
7	282	27	16	21	93	69	81	23	140	111	0	0	0	0
8	283	25	11	18	91	59	75	34	150	98	1	5	0	0
9	284	29	12	20	95	62	78	22	202	77	5	15	0	0
10	285	31	22	26	97	43	70	36	75	72	0	0	0	0
11	286	34	23	28	86	71	78	36	86	83	0	0	0	0
12	287	34	18	26	80	62	71	45	52	50	0	0	0	0
13	288	22	11	16	87	67	77	36	155	100	0	0	0	0
14	289	20	-1	9	88	62	75	21	134	108	0	0	0	0
15	290	18	5	11	90	52	71	16	140	109	0	0	0	0
16	291	31	16	23	90	46	68	30	95	93	45	41	0	0
17	292	38	26	32	99	47	73	27	124	40	0	0	0	0
18	293	31	11	21	100	56	78	45	80	76	T	T	0	0
19	294	31	17	24	91	59	75	29	97	86	T	T	0	0
20	295	26	10	18	90	65	77	32	151	102	0	0	0	0
21	296	25	11	18	82	57	69	35	133	91	T	T	0	0
22	297	27	15	21	96	61	78	19	105	104	T	T	0	0
23	298	37	26	31	89	59	74	30	115	95	0	0	0	0
24	299	42	31	36	79	51	65	62	70	67	T	0	0	0
25	300	41	34	37	90	68	79	45	66	63	0	0	0	0
26	301	41	34	37	90	73	81	45	45	43	43	0	0	0
27	302	35	29	32	100	67	83	17	30	29	5	0	0	0
28	303	34	28	31	100	93	96	4	57	55	0	0	0	0
29	304	41	33	37	95	79	87	20	50	48	T	0	0	0
30	305	42	28	35	94	71	82	40	19	18	T	T	0	0
31	306	28	22	25	100	88	94	6	50	48	11	11	0	0
<b>Sums</b>		<b>984</b>	<b>639</b>	<b>804</b>	<b>2868</b>	<b>1977</b>	<b>2417</b>	<b>963</b>	<b>2828</b>	<b>2193</b>	<b>122</b>	<b>87</b>	<b>0</b>	<b>0</b>
<b>Average</b>		<b>31.7</b>	<b>20.6</b>	<b>25.9</b>	<b>92.5</b>	<b>63.8</b>	<b>78.0</b>	<b>.031</b>	<b>91.2</b>	<b>70.7</b>	<b>.04</b>	<b>.3</b>	<b>.0</b>	<b>.000</b>

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		Soil Temperature F															
		Sod								Bare							
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
1	276	56	35	54	36	50	39	49	40	56	35	54	37	52	38	49	40
2	277	40	28	40	29	42	33	44	34	41	28	41	29	43	31	44	33
3	278	37	25	36	26	39	30	40	31	37	25	37	26	38	29	39	31
4	279	32	24	32	25	35	29	37	30	33	25	33	26	35	28	36	30
5	280	31	23	31	23	35	27	36	28	31	23	33	24	34	26	36	27
6	281	30	22	31	23	34	26	36	27	31	22	32	23	34	25	36	26
7	282	30	22	31	22	33	24	35	25	31	22	32	22	33	24	34	25
8	283	29	22	29	23	32	25	33	26	32	22	30	23	32	25	33	26
9	284	28	20	29	21	32	23	33	24	32	20	30	20	32	22	33	23
10	285	35	23	35	23	37	25	38	26	34	22	35	23	36	24	38	26
11	286	35	23	35	23	37	26	38	27	35	23	35	23	36	25	38	26
12	287	33	27	33	27	36	30	37	30	33	27	34	27	35	29	36	28
13	288	32	22	32	22	34	25	35	26	32	22	33	23	34	24	35	25
14	289	30	21	30	22	33	24	34	25	31	21	31	22	33	23	33	24
15	290	31	18	32	19	34	21	35	23	32	19	32	19	34	21	35	22
16	291	32	19	32	19	35	23	36	23	32	19	33	20	34	21	36	23
17	292	34	23	34	23	37	26	38	27	34	23	35	24	36	25	37	26
18	293	29	22	29	23	31	25	32	26	30	23	31	23	31	24	32	25
19	294	30	21	31	21	33	23	33	24	31	21	32	21	33	22	33	23
20	295	31	21	31	21	32	23	34	24	31	21	32	21	33	23	34	23
21	296	29	20	29	21	31	23	32	24	30	21	30	21	31	22	32	23
22	297	27	20	28	20	29	22	30	23	28	20	29	20	30	21	31	22
23	298	32	21	32	21	34	23	35	24	33	21	33	21	34	22	35	23
24	299	33	25	33	25	34	27	35	27	33	24	33	24	34	26	35	26
25	300	33	24	33	24	35	25	35	26	33	23	34	24	35	25	35	26
26	301	32	25	32	25	34	26	35	27	33	24	33	25	34	26	35	27
27	302	33	25	33	25	35	26	36	27	34	25	34	25	35	26	35	27
28	303	29	22	28	23	30	25	31	25	30	23	29	23	30	24	35	27
29	304	32	23	32	23	34	24	35	25	33	23	33	23	34	24	34	23
30	305	36	29	36	29	36	31	37	31	37	29	36	29	37	30	36	31
31	306	36	23	35	23	34	25	35	26	37	23	36	24	35	25	35	21
<b>Sums</b>		<b>1017</b>	<b>718</b>	<b>1018</b>	<b>730</b>	<b>1077</b>	<b>804</b>	<b>1109</b>	<b>831</b>	<b>1040</b>	<b>719</b>	<b>1045</b>	<b>735</b>	<b>1077</b>	<b>780</b>	<b>1105</b>	<b>808</b>
<b>Averages</b>		<b>32.8</b>	<b>23.2</b>	<b>32.8</b>	<b>23.5</b>	<b>34.7</b>	<b>25.9</b>	<b>35.8</b>	<b>26.8</b>	<b>33.5</b>	<b>23.2</b>	<b>33.7</b>	<b>23.7</b>	<b>34.7</b>	<b>25.2</b>	<b>35.6</b>	<b>26.1</b>

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Bas 65F
1	276	30	0		0
2	277	33	0		0
3	278	37	0		0
4	279	39	0		0
5	280	39	0		0
6	281	41	0		0
7	282	44	0		0
8	283	47	0		0
9	284	45	0		0
10	285	39	0		0
11	286	37	0		0
12	287	39	0		0
13	288	49	0		0
14	289	56	0		0
15	290	54	0		0
16	291	42	0		0
17	292	33	0		0
18	293	44	0		0
19	294	41	0		0
20	295	47	0		0
21	296	47	0		0
22	297	44	0		0
23	298	34	0		0
24	299	29	0		0
25	300	28	0		0
26	301	28	0		0
27	302	33	0		0
28	303	34	0		0
29	304	28	0		0
30	305	30	0		0
31	306	40	0		0
<b>Sums for month</b>		<b>1211</b>	<b>0</b>		<b>0</b>
<b>2412</b>	<b>Accumulated heating degree days since July 1</b>				
<b>4841</b>	<b>Accumulated growing degree days since Jan. 1</b>				
<b>762</b>	<b>Accumulated cooling degree days since Apr. 1</b>				