

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 2003

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	276	46	34	40	86	54	70	91	128	73	T	0	0	0
2	277	38	21	29	97	53	75	36	156	111	12	45	0	0
3	278	24	14	19	93	48	70	26	206	90	T	10	0	0
4	279	29	14	21	91	64	77	27	147	84	0	0	0	0
5	280	37	16	26	90	60	75	33	107	93	0	0	0	0
6	281	37	16	26	93	55	74	34	87	83	8	20	0	0
7	282	24	18	21	96	84	90	8	109	106	10	20	0	0
8	283	23	11	17	88	65	76	25	171	55	0	0	0	0
9	284	32	12	22	81	50	65	47	90	90	0	0	0	0
10	285	36	29	32	78	53	65	71	123	89	0	0	0	0
11	286	47	36	41	99	56	77	56	23	23	51	0	0	0
12	287	46	28	37	99	65	82	39	127	84	0	0	0	0
13	288	34	19	26	94	47	70	34	135	70	9	20	0	0
14	289	27	15	21	94	60	77	19	33	31	5	10	0	0
15	290	25	18	21	97	94	95	6	92	77	62	60	0	0
16	291	31	24	27	94	47	70	34	161	81	T	T	0	0
17	292	46	26	36	94	60	77	19	35	25	10	0	0	0
18	293	34	27	30	97	94	95	6	113	106	27	21	0	0
19	294	29	25	27	97	81	89	19	140	66	T	T	0	0
20	295	34	22	28	96	47	71	80	143	94	T	T	0	0
21	296	30	18	24	97	80	88	16	*	0	T	T	0	0
22	297	40	27	33	90	70	80	33	*	0	0	0	0	0
23	298	48	37	42	96	57	76	37	*	0	0	0	0	0
24	299	52	38	45	93	59	76	58	19	19	T	0	0	0
25	300	43	31	37	97	74	85	24	76	71	62	0	0	0
26	301	37	39	38	87	63	75	44	154	33	0	0	0	0
27	302	39	30	34	90	49	69	47	124	67	0	0	0	0
28	303	40	26	33	96	70	83	23	190	33	0	0	0	0
29	304	51	30	40	84	34	59	113	145	79	0	0	0	0
30	305	57	38	47	95	37	66	139	88	66	19	0	0	0
31	306	43	29	36	90	62	76	59	66	53	0	0	0	0
Sums		1159	768	956	2869	1892	2373	1303	3188	1952	275	206	0	0
Average		37.4	24.8	30.8	92.5	61.0	76.5	.042	113.9	63.0	.09	.7	.0	.000

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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	276	42	32	42	33	42	36	44	37	43	32	42	33	43	35	44	36
2	277	42	30	41	32	42	35	43	37	44	31	43	32	42	34	43	35
3	278	36	31	37	32	40	35	42	36	40	31	39	32	43	34	49	25
4	279	36	31	36	31	39	34	41	35	38	31	38	31	39	33	43	31
5	280	36	31	36	32	39	34	41	35	39	31	37	32	39	33	42	31
6	281	36	31	37	32	39	34	40	35	37	31	38	32	38	33	40	32
7	282	35	30	36	31	39	33	40	34	40	30	38	31	39	32	40	33
8	283	35	31	36	31	38	33	40	34	38	31	37	31	39	33	42	32
9	284	35	30	36	31	38	33	40	34	39	31	38	31	38	32	40	33
10	285	36	31	36	31	38	33	39	34	35	31	37	31	38	32	38	33
11	286	44	31	42	32	41	34	41	34	44	31	43	31	42	33	41	33
12	287	45	31	44	32	43	35	43	36	47	31	46	32	44	34	45	36
13	288	36	30	36	31	39	33	41	34	40	30	38	31	39	33	43	31
14	289	35	30	36	30	38	33	40	34	37	30	37	30	38	32	39	33
15	290	35	30	36	31	38	33	39	34	39	30	39	31	39	32	39	33
16	291	35	30	36	31	38	33	39	34	39	31	39	31	39	31	38	32
17	292	35	30	36	30	38	32	39	33	41	30	39	30	40	32	40	32
18	293	35	31	36	31	38	33	39	34	37	31	37	31	37	32	39	33
19	294	35	31	36	31	37	33	39	34	38	31	39	31	40	32	40	33
20	295	36	31	36	31	37	33	39	34	40	31	38	30	38	31	39	32
21	296	35	30	36	30	37	32	39	33	40	31	38	31	39	32	39	32
22	297	39	*	39	31	40	31	40	34	40	31	40	31	39	33	39	33
23	298	40	31	40	32	40	35	40	36	42	32	43	32	43	34	40	35
24	299	39	31	39	31	39	34	40	35	40	31	40	32	40	33	41	34
25	300	37	31	37	31	38	33	39	34	40	31	39	31	40	33	40	34
26	301	40	29	40	30	38	32	39	33	43	29	41	30	41	31	39	32
27	302	39	30	38	30	38	33	39	34	41	30	40	30	39	32	38	33
28	303	45	31	44	32	42	33	42	34	46	31	44	31	43	32	42	34
29	304	42	30	42	31	42	34	43	35	44	30	44	31	45	33	43	34
30	305	36	30	36	31	39	34	40	35	41	30	39	31	40	33	40	34
31	306	38	30	38	31	39	33	39	34	40	30	39	31	39	32	39	33
Sums		1170	916	1176	966	1213	1036	1249	1069	1252	952	1229	965	1242	1011	1264	1017
Averages		37.7	30.5	37.9	31.2	39.1	33.4	40.3	34.5	40.4	30.7	39.6	31.1	40.1	32.6	40.8	32.8

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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	276	25	0		0
2	277	36	0		0
3	278	46	0		0
4	279	44	0		0
5	280	39	0		0
6	281	39	0		0
7	282	44	0		0
8	283	48	0		0
9	284	43	0		0
10	285	33	0		0
11	286	24	1		0
12	287	28	0		0
13	288	39	0		0
14	289	44	0		0
15	290	44	0		0
16	291	38	0		0
17	292	29	0		0
18	293	35	0		0
19	294	38	0		0
20	295	37	0		0
21	296	41	0		0
22	297	32	0		0
23	298	23	2		0
24	299	20	5		0
25	300	28	0		0
26	301	27	0		0
27	302	31	0		0
28	303	32	0		0
29	304	25	0		0
30	305	18	7		0
31	306	29	0		0
Sums for month		1059	15		0
2428	Accumulated heating degree days since July 1				
4314	Accumulated growing degree days since Jan. 1				
417	Accumulated cooling degree days since Apr. 1				