

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 2009

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	40	28	34	100	68	84	45	154	57	3	0	0	
2	277	44	33	38	100	78	89	19	74	63	0	0	0	
3	278	54	35	44	94	64	79	43	119	59	52	0	0	
4	279	56	33	44	100	55	77	48	119	81	0	0	0	
5	280	43	26	34	92	76	84	47	39	37	0	0	0	
6	281	33	27	30	93	37	65	58	148	50	0	0	0	
7	282	36	24	30	94	64	79	33	47	44	0	0	0	
8	283	33	25	29	90	50	70	50	127	55	T	T	0	
9	284	34	28	31	98	71	84	22	60	57	21	32	0	
10	285	46	28	37	100	61	80	29	83	79	10	0	0	
11	286	33	15	24	100	64	82	39	41	39	T	T	0	
12	287	22	15	18	93	51	72	34	82	77	0	0	0	
13	288	37	20	28	90	49	69	38	125	65	0	0	0	
14	289	40	30	35	73	46	59	56	164	31	25	0	0	
15	290	46	37	41	100	55	77	16	21	19	3	0	0	
16	291	43	22	32	100	86	93	15	44	40	8	15	0	
17	292	24	15	19	100	74	87	12	28	26	1	10	0	
18	293	16	2	9	96	63	79	22	105	70	1	5	0	
19	294	19	10	14	96	77	86	7	104	97	0	0	0	
20	295	23	13	18	96	69	82	17	138	86	0	0	0	
21	296	28	21	24	87	41	64	36	84	79	0	0	0	
22	297	29	19	24	90	60	75	30	76	68	0	0	0	
23	298	22	13	17	95	71	83	19	93	89	T	T	0	
24	299	25	16	20	94	58	76	999	149	70	0	0	0	
25	300	28	21	24	94	64	79	20	124	81	0	0	0	
26	301	39	28	33	100	90	95	8	70	69	38	0	0	
27	302	41	29	35	100	88	94	13	71	65	32	0	0	
28	303	43	26	34	100	91	95	4	28	25	8	10	0	
29	304	29	7	18	100	57	78	29	142	52	T	1	0	
30	305	22	7	14	98	67	82	22	86	62	0	0	0	
31	306	29	21	25	87	60	73	21	156	106	0	0	0	
Sums		1057	674	857	2950	2005	2471	1851	2901	1898	202	73	0	
Average		34.1	21.7	27.6	95.2	64.7	79.7	.060	93.6	61.2	.07	.2	.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	46	29	43	31	41	35	41	37	45	30	42	32	41	34	41	36
2	277	41	25	40	27	39	32	40	34	40	26	39	29	39	31	40	33
3	278	39	28	37	29	37	33	38	34	38	29	37	30	37	32	37	34
4	279	46	31	45	32	42	36	42	37	46	31	44	33	43	35	42	36
5	280	47	28	46	30	43	35	42	36	47	30	45	32	44	34	42	36
6	281	41	23	39	25	38	30	38	32	39	25	38	27	38	29	38	31
7	282	27	21	28	23	31	27	33	29	28	23	29	25	31	27	32	29
8	283	28	22	29	23	32	26	34	27	29	24	30	25	32	26	33	27
9	284	29	21	30	23	33	25	34	27	30	23	31	24	32	25	34	26
10	285	31	22	32	23	34	26	36	27	32	23	33	24	34	25	35	27
11	286	32	26	33	27	35	29	36	30	32	27	33	28	34	29	35	30
12	287	27	20	28	20	30	23	32	24	28	21	29	21	30	23	31	24
13	288	25	16	26	18	28	21	29	22	26	18	27	19	28	21	29	22
14	289	28	18	30	19	32	22	33	23	30	20	30	20	32	22	33	23
15	290	30	22	30	22	33	24	34	25	30	22	31	23	32	24	33	25
16	291	29	25	30	26	32	28	33	29	30	26	30	26	31	27	32	28
17	292	27	20	28	20	29	22	30	23	28	21	28	21	29	22	30	23
18	293	25	18	25	18	27	20	28	21	26	19	26	19	27	20	28	21
19	294	24	14	24	15	26	17	27	18	25	15	25	16	26	17	26	18
20	295	29	20	29	20	31	22	32	23	29	21	30	21	31	22	31	23
21	296	27	19	28	20	29	22	30	23	28	20	28	21	29	22	30	23
22	297	24	18	25	19	26	21	27	22	25	19	26	20	27	21	27	21
23	298	25	18	25	18	27	20	28	21	26	19	26	19	27	20	28	21
24	299	24	17	25	17	26	19	27	20	25	18	26	18	27	19	27	20
25	300	23	17	23	18	25	20	26	21	24	18	25	19	26	20	26	20
26	301	29	21	30	21	32	23	32	24	30	22	30	22	31	23	32	24
27	302	33	29	33	29	33	31	33	32	34	29	33	30	33	31	33	31
28	303	36	25	35	26	34	28	34	28	36	26	35	27	34	28	34	28
29	304	37	24	34	25	32	27	32	28	35	25	33	26	32	27	32	27
30	305	26	21	27	22	29	24	30	25	27	22	28	23	29	24	30	25
31	306	24	17	24	18	26	20	27	21	23	13	25	18	26	19	27	20
Sums		959	675	961	704	992	788	1018	823	971	705	972	738	992	779	1008	812
Averages		30.9	21.8	31.0	22.7	32.0	25.4	32.8	26.5	31.3	22.7	31.4	23.8	32.0	25.1	32.5	26.2

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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	31	0		0
2	277	27	0		0
3	278	21	4		0
4	279	21	4		0
5	280	31	0		0
6	281	35	0		0
7	282	35	0		0
8	283	36	0		0
9	284	34	0		0
10	285	28	0		0
11	286	41	0		0
12	287	47	0		0
13	288	37	0		0
14	289	30	0		0
15	290	24	1		0
16	291	33	0		0
17	292	46	0		0
18	293	56	0		0
19	294	51	0		0
20	295	47	0		0
21	296	41	0		0
22	297	41	0		0
23	298	48	0		0
24	299	45	0		0
25	300	41	0		0
26	301	32	0		0
27	302	30	0		0
28	303	31	0		0
29	304	47	0		0
30	305	51	0		0
31	306	40	0		0
Sums for month		1158	9		0

2565 Accumulated heating degree days since July 1

4231 Accumulated growing degree days since Jan. 1

309 Accumulated cooling degree days since Apr. 1