

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

January 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	Gm Cal/Cm2	Hund	Tnth	1.5 Ft	Thou In	Evap
								In/Hg	Total	Diff	Ins	Ins		
1	307	55	35	45	92	78	85	36	68	67	0	0	0	0
2	308	38	29	33	91	63	77	73	38	37	0	0	0	0
3	309	44	32	38	89	65	77	39	75	56	1	0	0	0
4	310	38	33	35	100	77	88	29	28	28	41	0	0	0
5	311	35	28	31	100	100	100	0	25	24	3	3	0	0
6	312	28	19	23	100	82	91	12	29	30	37	43	0	0
7	313	39	23	31	99	84	91	9	52	54	22	0	0	
8	314	31	25	28	100	69	84	27	43	42	2	0	0	
9	315	31	27	29	95	64	79	38	80	78	24	23	0	0
10	316	41	28	34	100	82	91	10	42	38	0	0	0	0
11	317	40	27	33	92	79	85	23	80	79	0	0	0	0
12	318	35	26	30	92	63	77	46	145	95	14	0	0	0
13	319	46	35	40	100	70	85	13	61	59	23	0	0	0
14	320	61	31	46	99	91	95	13	44	43	52	11	0	0
15	321	31	14	22	99	91	95	13	110	92	0	0	0	0
16	322	24	15	19	100	76	88	35	73	69	0	0	0	0
17	323	23	13	18	100	66	83	22	188	48	7	32	0	0
18	324	16	-2	7	84	54	69	32	102	100	21	63	0	0
19	325	12	-9	1	95	67	81	14	123	106	T	T	0	0
20	326	26	12	19	93	85	89	7	204	112	3	21	0	0
21	327	14	-14	0	86	56	71	13	86	83	T	5	0	0
22	328	4	-16	-5	95	59	77	19	204	112	T	T	0	0
23	329	9	3	6	90	70	80	10	86	83	35	120	0	0
24	330	8	-7	0	87	58	72	8	167	132	T	T	0	0
25	331	22	5	13	90	71	80	8	282	101	5	30	0	0
26	332	25	16	20	89	65	77	12	63	60	23	42	0	0
27	333	18	1	9	96	38	67	19	197	147	6	15	0	0
28	334	9	-6	1	97	46	71	21	148	137	0	0	0	0
29	335	15	-7	4	94	73	83	9	213	118	0	0	0	0
30	336	30	13	21	89	62	75	12	99	86	0	0	0	0
31	337	29	2	15	92	52	72	17	122	85	0	0	0	0
Sums		877	431	646	2925	2156	2535	639	3277	2401	319	408	0	0
Average		28.3	13.9	20.8	94.4	69.5	81.8	.021	105.7	77.5	.10	1.3	.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	307	34	26	33	26	35	28	36	29	35	27	37	26	35	28	35	28
2	308	38	28	37	28	35	29	36	29	41	29	40	28	40	29	38	29
3	309	35	28	35	28	37	29	37	29	39	28	41	28	37	30	40	30
4	310	39	31	38	31	38	32	39	32	40	31	40	31	39	32	38	32
5	311	39	30	38	30	38	31	39	31	41	30	40	31	39	32	39	32
6	312	35	27	35	27	36	30	39	30	40	27	40	28	38	29	38	30
7	313	33	28	34	28	36	31	37	31	37	27	36	29	37	30	37	31
8	314	35	25	36	25	37	38	28	38	26	39	26	37	37	27	37	27
9	315	34	25	34	25	36	27	36	28	37	26	39	26	36	27	38	27
10	316	33	25	34	25	35	26	36	27	36	25	34	25	35	26	36	27
11	317	35	26	35	27	37	29	38	29	35	27	37	28	37	28	37	29
12	318	32	26	32	26	34	28	38	28	38	26	40	26	39	27	38	28
13	319	35	28	35	28	37	30	38	30	37	29	36	29	36	30	40	30
14	320	40	31	39	31	38	33	38	33	42	30	40	31	39	32	38	32
15	321	49	29	47	30	43	34	42	34	49	29	47	32	45	33	44	34
16	322	34	22	34	23	38	26	41	27	38	23	43	23	43	25	40	27
17	323	28	19	29	22	32	25	34	26	36	20	37	23	36	24	34	25
18	324	31	22	32	23	34	25	36	26	33	22	33	23	34	25	34	26
19	325	30	22	30	23	32	25	34	25	31	22	31	23	32	25	33	26
20	326	34	20	34	20	36	23	36	23	34	21	35	21	36	22	36	23
21	327	34	22	35	23	37	25	37	25	35	23	36	23	36	24	42	25
22	328	30	21	30	21	32	23	33	23	32	22	34	22	34	23	33	24
23	329	32	19	33	20	35	21	35	22	33	20	33	20	35	21	35	22
24	330	33	25	33	26	36	28	36	28	34	26	34	26	35	27	35	27
25	331	32	22	32	22	34	24	35	24	32	22	32	22	34	23	34	24
26	332	32	22	33	23	34	25	36	25	33	23	33	23	34	24	35	25
27	333	32	26	33	26	34	27	35	28	37	26	36	26	36	27	36	28
28	334	33	27	33	27	35	28	35	29	34	27	34	27	35	28	35	28
29	335	32	20	32	20	34	22	34	23	36	21	34	21	34	22	36	22
30	336	33	22	33	22	35	23	35	25	35	22	34	22	34	23	36	24
31	337	34	23	34	23	36	25	36	25	34	23	35	23	35	24	35	25
Sums		1060	767	1062	779	1106	850	1125	862	1120	793	1127	803	1132	827	1142	847
Averages		34.2	24.7	34.3	25.1	35.7	27.4	36.3	27.8	36.1	25.6	36.4	25.9	36.5	26.7	36.8	27.3

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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	307	20	5		0
2	308	32	0		0
3	309	27	0		0
4	310	30	0		0
5	311	34	0		0
6	312	42	0		0
7	313	34	0		0
8	314	37	0		0
9	315	36	0		0
10	316	31	0		0
11	317	32	0		0
12	318	35	0		0
13	319	25	0		0
14	320	19	6		0
15	321	43	0		0
16	322	46	0		0
17	323	47	0		0
18	324	58	0		0
19	325	64	0		0
20	326	46	0		0
21	327	65	0		0
22	328	70	0		0
23	329	59	0		0
24	330	65	0		0
25	331	52	0		0
26	332	45	0		0
27	333	56	0		0
28	334	64	0		0
29	335	61	0		0
30	336	44	0		0
31	337	50	0		0
Sums for month		1369	11		0

3823 Accumulated heating degree days since July 1
 11 Accumulated growing degree days since Jan. 1
 374 Accumulated cooling degree days since Apr. 1