

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 2007

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	307	44	31	37	95	66	80	41	129	70	6	0	0	0
2	308	51	31	41	96	77	86	36	55	46	0	0	0	0
3	309	42	29	35	86	57	71	54	158	58	0	0	0	0
4	310	53	31	42	83	26	54	130	148	67	0	0	0	0
5	311	59	38	48	87	31	59	160	139	55	1	0	0	0
6	312	58	51	54	100	86	93	24	31	31	100	0	0	0
7	313	58	34	46	100	65	82	53	93	48	4	0	0	0
8	314	45	36	40	100	56	78	48	123	67	25	0	0	0
9	315	45	28	36	98	55	76	40	109	63	6	0	0	0
10	316	34	21	27	98	57	77	39	113	87	0	0	0	0
11	317	27	18	22	86	56	71	33	145	82	0	0	0	0
12	318	38	19	28	97	42	69	77	141	92	5	3	0	0
13	319	53	35	44	99	82	90	30	24	23	8	0	0	0
14	320	36	26	31	100	91	95	6	36	35	7	0	0	0
15	321	30	27	28	100	95	97	4	30	29	65	0	0	0
16	322	34	21	27	100	92	96	0	29	27	22	5	0	0
17	323	21	6	13	94	79	86	10	96	93	4	15	0	0
18	324	22	7	14	92	76	84	12	116	107	0	0	0	0
19	325	31	19	25	100	58	79	44	101	84	2	2	0	0
20	326	32	17	24	96	69	82	25	140	105	3	0	0	0
21	327	17	5	11	92	63	77	17	184	136	0	0	0	0
22	328	21	8	14	97	56	76	23	135	108	5	5	0	0
23	329	23	19	21	97	83	90	7	79	76	1	0	0	0
24	330	32	21	26	90	68	79	34	113	109	1	0	0	0
25	331	29	10	19	96	71	83	11	124	120	8	15	0	0
26	332	15	1	8	94	69	81	8	106	67	9	21	0	0
27	333	26	4	15	95	62	78	15	221	156	3	20	0	0
28	334	31	22	26	98	80	89	15	36	34	T	T	0	0
29	335	23	11	17	97	86	91	7	98	93	5	22	0	0
30	336	22	10	16	90	47	68	29	235	175	0	0	0	0
31	337	24	11	17	97	71	84	13	152	145	1	0	0	0
Sums		1076	647	852	2950	2072	2501	1045	3439	2488	291	108	0	0
Average		34.7	20.9	27.5	95.2	66.8	80.7	.034	110.9	80.3	.09	.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	40	24	39	25	39	28	39	28	40	24	40	25	40	26	39	28
2	308	44	25	42	26	39	29	39	30	44	25	43	26	40	29	39	30
3	309	37	24	36	26	35	29	37	29	37	25	37	26	36	28	37	29
4	310	37	27	36	28	35	30	37	30	38	27	36	28	36	29	36	30
5	311	44	28	42	29	41	31	41	31	44	28	43	29	42	31	40	31
6	312	48	41	47	39	46	38	45	37	49	41	48	39	48	38	45	37
7	313	50	26	48	28	45	33	44	34	51	26	49	29	47	32	45	34
8	314	44	28	42	28	42	32	43	34	43	28	42	29	42	32	43	33
9	315	41	24	40	25	41	29	42	30	41	24	41	25	41	28	42	29
10	316	31	22	33	23	36	26	37	27	32	23	33	24	35	26	37	27
11	317	27	17	28	21	32	24	33	26	29	21	31	22	32	24	33	25
12	318	32	21	32	25	35	28	36	30	34	24	33	26	36	27	37	29
13	319	39	26	37	26	35	29	35	29	39	26	38	27	36	28	36	29
14	320	34	25	35	26	36	29	37	29	36	26	36	26	37	28	38	29
15	321	31	24	31	25	33	27	34	28	31	25	33	25	33	27	35	28
16	322	31	22	31	22	33	24	34	25	32	22	32	22	33	23	34	25
17	323	27	19	27	19	29	21	30	22	29	20	28	20	30	21	31	22
18	324	31	19	31	20	33	22	34	22	32	20	33	20	33	21	33	22
19	325	33	24	33	24	35	26	36	27	34	24	35	25	36	26	36	27
20	326	27	23	27	23	29	25	31	25	28	23	29	23	31	25	32	25
21	327	29	17	29	17	31	19	32	20	29	17	31	17	31	19	33	19
22	328	31	22	31	22	33	25	34	25	31	22	31	22	33	24	34	24
23	329	27	19	28	19	29	21	30	21	28	19	29	19	29	20	31	21
24	330	29	19	29	19	31	21	32	21	30	19	30	19	31	20	31	21
25	331	28	19	28	19	30	21	31	21	29	19	29	19	30	21	31	21
26	332	27	18	28	19	29	20	30	21	29	19	28	19	29	20	30	20
27	333	32	16	32	17	34	19	34	19	32	17	33	17	34	19	35	19
28	334	32	20	32	20	34	22	34	22	32	21	33	20	35	21	34	22
29	335	29	18	30	18	31	20	31	21	30	19	30	19	31	20	31	21
30	336	25	17	26	18	28	19	29	20	27	18	28	18	29	19	29	20
31	337	30	17	30	18	32	20	33	20	31	19	31	18	34	20	32	20
Sums		1047	691	1040	714	1071	787	1094	804	1071	711	1073	723	1090	772	1099	797
Averages		33.8	22.3	33.5	23.0	34.5	25.4	35.3	25.9	34.5	22.9	34.6	23.3	35.2	24.9	35.5	25.7

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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	28	0		0
2	308	24	1		0
3	309	30	0		0
4	310	23	2		0
5	311	17	8		0
6	312	11	14		0
7	313	19	6		0
8	314	25	0		0
9	315	29	0		0
10	316	38	0		0
11	317	43	0		0
12	318	37	0		0
13	319	21	4		0
14	320	34	0		0
15	321	37	0		0
16	322	38	0		0
17	323	52	0		0
18	324	51	0		0
19	325	40	0		0
20	326	41	0		0
21	327	54	0		0
22	328	51	0		0
23	329	44	0		0
24	330	39	0		0
25	331	46	0		0
26	332	57	0		0
27	333	50	0		0
28	334	39	0		0
29	335	48	0		0
30	336	49	0		0
31	337	48	0		0
Sums for month		1163	35		0

3418 Accumulated heating degree days since July 1
 35 Accumulated growing degree days since Jan. 1
 505 Accumulated cooling degree days since Apr. 1