

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 2013

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	307	37	23	30	100	78	89	0	117	95	0	0	0	0
2	308	27	8	17	100	94	97	0	89	87	0	0	0	0
3	309	24	9	16	100	99	99	0	80	72	2	20	0	0
4	310	31	15	23	100	100	100	1	84	74	0	0	0	0
5	311	35	30	32	100	81	90	0	115	93	0	0	0	0
6	312	35	27	31	100	87	93	1	91	82	0	0	0	0
7	313	38	24	31	100	67	83	1	83	78	0	0	0	0
8	314	33	22	27	100	70	85	1	96	95	0	0	0	0
9	315	37	24	30	85	54	69	5	122	90	0	0	0	0
10	316	50	29	39	100	50	75	7	99	64	0	0	0	0
11	317	42	30	36	100	80	90	1	148	68	0	0	0	0
12	318	40	36	38	100	97	98	0	45	40	11	0	0	0
13	319	51	37	44	100	100	100	0	97	95	0	0	0	0
14	320	56	40	48	100	100	100	0	58	54	0	0	0	0
15	321	40	26	33	100	89	94	0	72	72	0	0	0	0
16	322	35	26	30	100	84	92	0	137	92	0	0	0	0
17	323	35	29	32	100	88	94	0	47	46	0	0	0	0
18	324	34	9	21	100	100	100	0	49	44	3	13	0	0
19	325	36	9	22	100	42	71	3	191	40	0	0	0	0
20	326	49	35	42	91	34	62	2	98	97	2	0	0	0
21	327	36	17	26	87	40	63	5	149	91	0	0	0	0
22	328	21	7	14	95	44	69	3	73	66	0	0	0	0
23	329	15	4	9	73	30	51	3	177	103	0	0	0	0
24	330	11	-2	4	93	57	75	1	116	102	3	11	0	0
25	331	15	-3	6	89	54	71	2	187	125	0	0	0	0
26	332	15	-4	5	95	67	81	1	104	93	5	5	0	0
27	333	22	8	15	100	56	78	1	164	147	0	0	0	0
28	334	27	15	21	100	94	97	0	181	150	0	0	0	0
29	335	41	25	33	100	100	100	0	36	32	19	0	0	0
30	336	52	32	42	100	100	100	0	55	49	33	0	0	0
31	337	61	33	47	100	95	97	0	60	54	14	0	0	0
Sums		1081	620	844	3008	2331	2663	38	3220	2490	92	49	0	0
Average		34.9	20.0	27.2	97.0	75.2	85.9	0.001	103.9	80.3	0.03	0.2	0.0	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	43	36	44	37	45	38	45	39	44	36	44	37	45	38	47	39
2	308	47	41	48	42	49	43	50	44	48	42	48	42	49	44	50	44
3	309	48	42	48	43	50	44	51	45	49	43	50	43	50	44	51	45
4	310	47	39	47	40	49	41	50	42	48	40	48	40	49	41	50	41
5	311	43	39	44	40	45	41	46	42	44	40	45	41	45	41	46	42
6	312	42	38	43	39	45	40	45	41	43	39	44	39	45	40	45	40
7	313	44	37	45	37	46	39	47	40	45	37	45	38	46	38	47	39
8	314	44	35	44	35	46	37	47	37	44	35	45	35	46	36	46	36
9	315	43	37	44	38	45	39	46	40	44	38	44	38	45	39	45	39
10	316	41	36	42	36	44	37	44	38	42	36	43	36	43	37	44	37
11	317	42	34	43	34	44	36	45	36	43	34	43	34	44	35	45	36
12	318	39	34	38	35	39	36	39	37	39	34	38	34	39	35	39	36
13	319	50	37	46	37	44	38	44	39	49	37	46	37	45	38	44	38
14	320	53	43	51	43	50	42	49	42	52	44	52	43	51	43	50	41
15	321	48	41	48	43	50	46	50	47	48	42	49	43	50	45	50	47
16	322	45	34	45	35	48	38	49	39	45	35	46	36	47	37	49	38
17	323	42	34	43	35	45	37	46	38	42	35	43	36	45	37	46	38
18	324	46	39	47	40	49	42	50	43	47	40	48	41	49	42	50	43
19	325	46	34	46	34	49	36	49	37	47	34	47	35	49	36	50	36
20	326	43	35	43	35	44	37	45	38	44	35	45	36	45	37	46	37
21	327	41	37	44	38	47	39	48	39	42	38	45	39	47	39	48	39
22	328	43	36	45	39	47	43	48	44	44	37	46	41	48	42	49	43
23	329	38	32	42	36	48	40	49	41	38	32	44	37	48	40	49	41
24	330	42	32	44	35	50	41	51	43	42	31	45	36	49	40	51	43
25	331	41	34	44	36	49	39	51	41	41	33	44	37	48	39	51	41
26	332	45	36	46	36	49	38	50	40	45	36	47	36	49	37	50	39
27	333	44	39	45	39	48	41	49	42	44	39	45	39	48	40	49	42
28	334	43	31	44	31	46	33	47	34	43	31	44	31	45	32	46	33
29	335	42	31	42	31	42	33	43	33	43	31	42	31	43	32	42	33
30	336	42	34	41	34	42	34	43	35	43	35	42	34	42	34	42	34
31	337	51	39	48	37	44	33	43	34	51	40	49	37	46	34	44	34
Sums		1368	1126	1384	1150	1438	1201	1459	1230	1383	1139	1406	1162	1440	1192	1461	1214
Averages		44.1	36.3	44.6	37.1	46.4	38.7	47.1	39.7	44.6	36.7	45.4	37.5	46.5	38.5	47.1	39.2

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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	307	35	0		0
2	308	48	0		0
3	309	49	0		0
4	310	42	0		0
5	311	33	0		0
6	312	34	0		0
7	313	34	0		0
8	314	38	0		0
9	315	35	0		0
10	316	26	0		0
11	317	29	0		0
12	318	27	0		0
13	319	21	4		0
14	320	17	8		0
15	321	32	0		0
16	322	35	0		0
17	323	33	0		0
18	324	44	0		0
19	325	43	0		0
20	326	23	2		0
21	327	39	0		0
22	328	51	0		0
23	329	56	0		0
24	330	61	0		0
25	331	59	0		0
26	332	60	0		0
27	333	50	0		0
28	334	44	0		0
29	335	32	0		0
30	336	23	2		0
31	337	18	7		0
Sums for month		1171	23		0

3533 Accumulated heating degree days since July 1

23 Accumulated growing degree days since Jan. 1

699 Accumulated cooling degree days since Apr. 1