

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 2014

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 In/Hg	Gm Cal/Cm2 Total Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap	
1	307	26	14	20	86	50	68	4	94	88	0	0	0	
2	308	21	7	14	87	41	64	3	101	97	12	21	0	
3	309	11	1	6	85	76	80	1	68	59	23	45	0	
4	310	10	-10	0	82	55	68	2	134	119	0	0	0	
5	311	30	10	20	57	37	47	7	153	84	0	0	0	
6	312	45	24	34	96	46	71	6	79	70	15	0	0	
7	313	35	-4	15	69	39	54	4	104	86	0	0	0	
8	314	8	-3	2	64	37	50	3	147	82	0	0	0	
9	315	19	8	13	81	43	62	4	154	68	0	0	0	
10	316	27	14	20	94	45	69	4	167	38	8	15	0	
11	317	43	27	35	89	69	79	4	95	83	0	0	0	
12	318	48	33	40	92	60	76	6	26	21	13	0	0	
13	319	35	30	32	80	63	71	5	38	33	0	0	0	
14	320	48	34	41	93	43	68	11	62	56	2	0	0	
15	321	41	26	33	95	68	81	3	52	46	1	0	0	
16	322	37	20	28	86	20	53	5	80	78	0	0	0	
17	323	33	23	28	70	41	55	7	169	44	0	0	0	
18	324	38	21	29	96	44	70	6	103	85	10	20	0	
19	325	31	12	21	91	65	78	3	131	124	0	0	0	
20	326	34	12	23	92	47	69	6	132	105	4	3	0	
21	327	29	-2	13	93	57	75	2	93	83	3	11	0	
22	328	5	-12	-2	82	64	73	1	153	129	1	1	0	
23	329	5	-10	-1	82	53	67	2	208	85	0	0	0	
24	330	12	1	6	83	53	68	2	148	94	0	0	0	
25	331	18	3	10	64	36	50	5	185	74	0	0	0	
26	332	26	6	16	91	53	72	3	127	121	1	7	0	
27	333	32	6	19	95	42	68	4	152	105	1	5	0	
28	334	19	-2	8	88	37	62	3	177	91	0	0	0	
29	335	11	-6	2	56	35	45	3	202	80	0	0	0	
30	336	16	1	8	66	37	51	5	224	45	0	0	0	
31	337	27	6	16	57	32	44	7	222	49	0	0	0	
Sums		820	290	549	2542	1488	2008	131	3980	2422	94	128	0	
Average		26.5	9.4	17.7	82.0	48.0	64.8	0.004	128.4	78.1	0.03	0.4	0.0	

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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	44	33	45	34	47	35	48	36	44	30	46	33	47	35	49	35
2	308	44	38	45	40	47	41	48	43	42	34	45	39	47	41	49	42
3	309	48	40	48	41	50	43	51	43	48	40	49	40	50	42	51	43
4	310	47	31	47	31	49	33	50	34	47	30	48	31	49	32	50	33
5	311	34	31	34	31	35	33	36	34	33	30	34	31	34	32	35	33
6	312	42	32	42	32	43	33	44	34	42	32	43	32	44	33	45	33
7	313	41	33	41	33	43	34	44	35	41	32	42	33	43	34	43	34
8	314	47	36	48	37	50	48	50	39	47	36	48	37	50	38	51	39
9	315	46	38	47	39	49	40	50	41	47	37	48	38	49	40	50	40
10	316	44	32	45	32	46	34	47	35	44	32	45	32	46	33	47	34
11	317	34	32	35	32	36	34	37	35	34	32	34	32	35	33	36	34
12	318	40	33	40	33	41	34	42	35	40	33	40	33	41	34	42	34
13	319	41	32	41	32	42	33	43	34	41	32	41	32	42	33	42	33
14	320	38	32	38	33	39	34	40	35	39	33	39	33	39	33	39	34
15	321	42	34	42	34	43	35	44	36	46	34	45	35	45	35	44	36
16	322	43	35	43	35	45	37	46	37	44	36	44	36	45	37	46	37
17	323	41	32	42	33	43	34	44	35	42	32	42	33	43	34	43	34
18	324	44	34	44	34	45	36	46	36	44	34	45	34	46	35	47	36
19	325	44	36	44	36	46	37	46	38	44	36	45	36	46	37	46	37
20	326	43	35	44	35	45	36	46	37	44	35	45	35	46	36	46	36
21	327	48	40	48	40	50	42	50	42	49	40	49	41	50	42	51	42
22	328	50	42	50	43	52	44	52	45	51	40	51	43	52	44	53	44
23	329	49	43	50	43	51	44	52	45	50	43	51	44	52	45	52	45
24	330	48	42	49	42	50	44	51	44	49	43	50	43	51	44	51	45
25	331	46	32	46	32	48	33	48	34	47	32	47	32	48	33	48	33
26	332	48	32	48	33	50	34	50	35	49	32	49	33	51	34	51	34
27	333	46	32	47	32	48	33	49	34	47	32	48	32	49	33	50	33
28	334	48	39	48	39	50	40	51	41	49	39	49	40	50	41	51	41
29	335	47	37	47	37	49	39	49	39	48	38	48	38	50	39	50	39
30	336	48	37	48	38	50	39	51	40	48	38	50	38	51	39	51	39
31	337	37	31	38	31	39	33	40	33	38	31	38	32	39	32	39	33
Sums		1362	1086	1364	1097	1421	1149	1445	1164	1378	1078	1398	1101	1430	1133	1448	1145
Averages		43.9	35.0	44.0	35.4	45.8	37.1	46.6	37.5	44.5	34.8	45.1	35.5	46.1	36.5	46.7	36.9

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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	45	0		0
2	308	51	0		0
3	309	59	0		0
4	310	65	0		0
5	311	45	0		0
6	312	31	0		0
7	313	50	0		0
8	314	63	0		0
9	315	52	0		0
10	316	45	0		0
11	317	30	0		0
12	318	25	0		0
13	319	33	0		0
14	320	24	1		0
15	321	32	0		0
16	322	37	0		0
17	323	37	0		0
18	324	36	0		0
19	325	44	0		0
20	326	42	0		0
21	327	52	0		0
22	328	67	0		0
23	329	66	0		0
24	330	59	0		0
25	331	55	0		0
26	332	49	0		0
27	333	46	0		0
28	334	57	0		0
29	335	63	0		0
30	336	57	0		0
31	337	49	0		0
Sums for month		1466	1		0

4189 Accumulated heating degree days since July 1

1 Accumulated growing degree days since Jan. 1

518 Accumulated cooling degree days since Apr. 1