

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 2015

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	22	15	18	88	42	65	5	164	0	0	1	0	0
2	308	33	22	27	80	30	55	8	160	17	0	0	0	0
3	309	31	19	25	88	44	66	5	117	0	0	0	0	0
4	310	44	23	33	89	60	74	4	37	0	24	0	0	0
5	311	56	16	36	89	49	69	7	77	0	0	0	0	0
6	312	17	8	12	79	41	60	4	139	0	0	0	0	0
7	313	18	11	14	81	52	66	3	96	0	0	0	0	0
8	314	12	0	6	86	34	60	2	131	0	0	0	0	0
9	315	18	6	12	83	32	57	4	159	0	0	0	0	0
10	316	22	4	13	87	45	66	3	168	0	0	2	0	0
11	317	22	3	12	81	39	60	4	189	0	0	0	0	0
12	318	34	17	25	94	37	65	6	102	0	13	15	0	0
13	319	32	4	18	94	69	81	2	58	0	10	11	0	0
14	320	8	-10	0	86	61	73	1	213	0	0	0	0	0
15	321	24	-2	11	86	45	65	2	243	8	0	0	0	0
16	322	29	-2	13	84	35	59	5	222	11	0	0	0	0
17	323	28	-3	12	93	45	69	3	155	0	4	10	0	0
18	324	29	-2	13	83	47	65	5	174	0	0	0	0	0
19	325	40	29	34	93	58	75	5	162	90	0	0	0	0
20	326	30	17	23	83	65	74	4	97	60	1	5	0	0
21	327	22	2	12	88	60	74	2	162	0	0	0	0	0
22	328	22	3	12	91	61	76	3	126	0	0	0	0	0
23	329	27	18	22	86	56	71	4	170	0	0	0	0	0
24	330	36	22	29	84	42	63	6	208	0	0	0	0	0
25	331	32	19	25	89	58	73	4	171	0	0	0	0	0
26	332	19	4	11	80	53	66	3	157	0	0	0	0	0
27	333	14	7	10	88	62	75	1	108	0	26	35	0	0
28	334	14	6	10	85	54	69	3	171	0	0	0	0	0
29	335	23	-2	10	71	44	57	4	251	0	0	0	0	0
30	336	30	12	21	91	36	63	5	55	0	6	1	0	0
31	337	26	3	14	90	65	77	2	161	0	0	1	0	0
Sums		814	269	533	2670	1521	2088	119	4603	186	84	81	0	0
Average		26.3	8.7	17.2	86.1	49.1	67.4	0.004	148.5	6.0	0.03	0.3	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	55	42	56	43	57	44	58	44	55	41	55	42	57	43	58	44
2	308	50	40	51	41	52	42	53	43	50	39	50	40	51	42	52	43
3	309	48	41	48	42	49	42	50	43	47	40	47	40	48	41	49	42
4	310	43	34	44	34	45	36	46	36	43	33	43	34	44	35	45	35
5	311	50	37	48	39	49	39	50	39	53	37	51	38	49	40	50	39
6	312	50	38	52	40	54	42	55	43	46	38	52	40	54	41	55	43
7	313	50	39	52	41	54	43	55	44	48	34	51	39	54	43	55	44
8	314	47	36	50	38	52	40	53	41	42	31	45	35	51	39	53	41
9	315	48	31	49	33	51	36	53	36	46	28	47	29	50	34	53	35
10	316	51	37	52	38	54	40	56	41	50	34	51	35	54	38	56	40
11	317	50	37	51	37	52	38	53	39	49	36	51	36	52	37	54	38
12	318	42	35	42	36	43	37	44	38	41	34	42	35	43	36	44	37
13	319	51	38	51	39	52	40	53	40	51	38	51	38	52	39	53	39
14	320	55	42	55	42	56	43	57	44	55	41	55	42	56	43	57	43
15	321	55	34	55	34	56	35	57	36	55	33	55	33	57	35	57	35
16	322	52	39	53	39	54	40	55	41	52	38	53	39	54	40	55	40
17	323	52	39	53	39	54	40	55	41	52	39	53	39	54	40	55	41
18	324	51	31	52	31	53	33	54	33	51	31	51	31	53	32	53	32
19	325	46	34	46	34	47	35	48	35	46	33	46	33	47	34	48	34
20	326	48	38	48	38	50	39	50	40	49	38	49	38	50	39	50	39
21	327	53	41	53	41	55	42	55	43	54	42	54	42	55	42	55	42
22	328	50	36	51	36	52	38	53	38	51	36	51	36	52	37	53	37
23	329	49	39	49	39	50	40	51	41	49	39	50	40	51	40	51	41
24	330	49	36	49	36	50	37	51	38	49	35	50	36	51	37	51	37
25	331	50	38	50	38	51	39	52	40	50	38	51	38	52	39	53	40
26	332	51	41	51	41	53	42	53	43	52	41	52	42	53	42	53	43
27	333	52	45	52	45	54	47	55	47	53	46	53	46	54	47	55	47
28	334	53	44	52	44	54	45	55	46	53	45	54	45	54	46	55	46
29	335	53	35	53	35	55	37	55	37	54	35	54	35	55	36	55	36
30	336	50	32	51	33	52	34	53	34	51	32	51	32	53	33	53	33
31	337	52	38	52	39	54	40	54	40	53	39	53	39	54	40	55	40
Sums		1556	1167	1571	1185	1614	1225	1642	1244	1550	1144	1571	1167	1614	1210	1641	1226
Averages		50.2	37.6	50.7	38.2	52.1	39.5	53.0	40.1	50.0	36.9	50.7	37.6	52.1	39.0	52.9	39.5

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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	47	0		0
2	308	38	0		0
3	309	40	0		0
4	310	32	0		0
5	311	29	0		0
6	312	53	0		0
7	313	51	0		0
8	314	59	0		0
9	315	53	0		0
10	316	52	0		0
11	317	53	0		0
12	318	40	0		0
13	319	47	0		0
14	320	65	0		0
15	321	54	0		0
16	322	52	0		0
17	323	53	0		0
18	324	52	0		0
19	325	31	0		0
20	326	42	0		0
21	327	53	0		0
22	328	53	0		0
23	329	43	0		0
24	330	36	0		0
25	331	40	0		0
26	332	54	0		0
27	333	55	0		0
28	334	55	0		0
29	335	55	0		0
30	336	44	0		0
31	337	51	0		0
Sums for month		1482	0		0

4062 Accumulated heating degree days since July 1
 0 Accumulated growing degree days since Jan. 1
 373 Accumulated cooling degree days since Apr. 1