

## 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

December 2016

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	276	54	43	48	91	61	76	8	32	0	23	0	0	
2	277	43	37	40	76	51	63	9	73	0	0	0	0	
3	278	42	33	37	92	53	72	7	68	0	2	0	0	
4	279	37	31	34	92	61	76	6	60	0	1	0	0	
5	280	39	31	35	97	49	73	6	127	0	6	5	0	
6	281	41	26	33	83	52	67	7	78	0	0	0	0	
7	282	39	27	33	98	61	79	0	52	0	49	10	0	
8	283	39	29	34	77	56	66	8	101	0	0	0	0	
9	284	33	25	29	87	47	67	6	70	0	2	10	0	
10	285	26	18	22	84	47	65	4	155	0	0	0	0	
11	286	27	19	23	92	55	73	4	115	0	0	0	0	
12	287	31	22	26	94	60	77	3	89	0	14	35	0	
13	288	39	21	30	89	54	71	6	33	0	2	0	0	
14	289	33	17	25	91	45	68	6	106	0	0	0	0	
15	290	28	11	19	85	41	63	6	173	0	1	5	0	
16	291	16	8	12	86	37	61	3	165	0	6	15	0	
17	292	26	9	17	87	45	66	4	123	0	6	15	0	
18	293	37	10	23	96	68	82	3	63	0	4	0	0	
19	294	32	8	20	92	51	71	3	82	0	2	10	0	
20	295	24	8	16	81	41	61	3	164	0	0	0	0	
21	296	32	11	21	75	43	59	7	130	0	0	0	0	
22	297	35	27	31	97	56	76	5	131	0	10	20	0	
23	298	35	26	30	96	57	76	6	45	0	0	0	0	
24	299	40	27	33	63	36	49	11	128	0	0	0	0	
25	300	43	34	38	80	61	70	6	33	0	0	0	0	
26	301	35	20	27	92	55	73	4	81	0	0	0	0	
27	302	49	33	41	85	51	68	8	69	0	0	0	0	
28	303	38	26	32	92	55	73	5	30	0	6	1	0	
29	304	31	26	28	96	50	73	6	117	0	3	5	0	
30	305	39	29	34	95	55	75	4	60	0	5	3	0	
31	306	31	24	27	82	50	66	5	107	0	0	0	0	
Sums		1094	716	898	2723	1604	2155	169	2860	0	142	134	0	
Average		35.3	23.1	29.0	87.8	51.7	69.5	0.005	92.3	0.0	0.05	0.4	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	276	54	46	53	46	53	46	53	46	55	46	55	46	54	46	53	46
2	277	52	48	53	49	54	49	54	49	51	45	52	46	53	48	54	49
3	278	51	45	52	46	53	46	54	47	50	41	51	42	51	44	46	53
4	279	51	45	52	46	53	48	54	48	49	42	50	43	51	45	52	47
5	280	51	40	51	40	53	42	53	43	49	36	49	37	50	39	52	41
6	281	52	44	53	44	54	45	55	46	50	41	51	41	52	43	54	45
7	282	52	41	53	41	54	42	55	43	50	38	50	37	52	50	54	41
8	283	50	43	51	44	52	45	53	46	48	40	48	41	50	48	52	44
9	284	52	41	53	43	54	44	55	45	50	39	50	40	52	42	54	44
10	285	51	40	52	41	53	42	54	43	48	37	50	38	51	40	53	42
11	286	51	43	52	44	53	46	54	47	48	41	49	42	51	44	53	45
12	287	47	37	47	37	49	38	50	39	45	34	45	34	47	36	48	37
13	288	51	40	52	40	52	41	53	41	49	37	50	37	51	39	53	40
14	289	54	40	54	40	55	41	56	41	52	38	53	38	55	39	56	40
15	290	54	41	54	42	55	44	56	45	53	40	54	41	55	43	56	44
16	291	53	39	53	40	55	42	56	43	52	38	53	39	54	40	55	42
17	292	53	36	54	36	55	37	56	38	52	35	53	35	54	36	55	36
18	293	51	38	51	38	52	39	53	40	49	36	50	36	52	38	53	38
19	294	56	40	56	40	58	41	58	42	55	38	55	38	56	40	57	41
20	295	54	42	55	42	56	43	56	44	53	41	54	41	55	42	56	43
21	296	51	37	52	38	53	39	54	40	51	37	52	37	53	38	54	39
22	297	50	39	50	39	52	41	53	41	50	38	51	38	52	40	53	40
23	298	53	42	53	42	54	43	55	43	52	40	53	41	54	42	55	43
24	299	48	37	48	37	49	39	50	39	46	36	47	36	48	37	49	38
25	300	50	38	51	38	51	39	52	40	49	37	50	37	51	38	52	39
26	301	50	35	50	35	51	37	52	38	48	34	48	34	50	36	51	36
27	302	47	35	47	36	48	37	48	38	49	34	49	34	48	36	48	37
28	303	48	40	48	40	50	41	50	41	47	40	47	40	49	41	50	41
29	304	47	35	48	36	49	37	50	38	46	44	47	34	49	36	50	36
30	305	49	36	50	36	51	38	52	38	48	35	49	35	50	37	52	37
31	306	48	36	49	36	51	38	52	39	48	36	49	36	50	37	51	38
Sums		1581	1239	1597	1252	1632	1290	1656	1311	1542	1194	1564	1194	1600	1260	1631	1282
Averages		51.0	40.0	51.5	40.4	52.6	41.6	53.4	42.3	49.7	38.5	50.5	38.5	51.6	40.6	52.6	41.4

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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	276	17	8		0
2	277	25	0		0
3	278	28	0		0
4	279	31	0		0
5	280	30	0		0
6	281	32	0		0
7	282	32	0		0
8	283	31	0		0
9	284	36	0		0
10	285	43	0		0
11	286	42	0		0
12	287	39	0		0
13	288	35	0		0
14	289	40	0		0
15	290	46	0		0
16	291	53	0		0
17	292	48	0		0
18	293	42	0		0
19	294	45	0		0
20	295	49	0		0
21	296	44	0		0
22	297	34	0		0
23	298	35	0		0
24	299	32	0		0
25	300	27	0		0
26	301	38	0		0
27	302	24	1		0
28	303	33	0		0
29	304	37	0		0
30	305	31	0		0
31	306	38	0		0
Sums for month		1117	9		0

2353 Accumulated heating degree days since July 1  
 4798 Accumulated growing degree days since Jan. 1  
 704 Accumulated cooling degree days since Apr. 1