

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 2017

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	47	30	38	95	69	82	0	100	0	2	0	0	0
2	277	43	27	35	90	47	68	6	73	0	0	0	0	0
3	278	41	30	35	91	62	76	5	81	0	0	0	0	0
4	279	48	27	37	96	47	71	6	152	0	0	0	0	0
5	280	49	27	38	93	48	70	12	118	0	0	0	0	0
6	281	50	31	40	85	44	64	11	26	0	20	0	0	0
7	282	40	31	35	79	29	54	10	120	0	0	0	0	0
8	283	33	26	29	92	54	73	5	70	0	0	0	0	0
9	284	33	21	27	71	42	56	7	126	0	0	0	0	0
10	285	33	23	28	78	45	61	6	118	0	0	0	0	0
11	286	31	25	28	92	49	70	4	86	0	2	10	0	0
12	287	29	21	25	99	71	85	2	88	0	15	22	0	0
13	288	31	11	21	99	47	73	3	78	0	0	5	0	0
14	289	17	11	14	86	53	69	3	143	0	6	21	0	0
15	290	18	6	12	83	51	67	3	148	0	0	0	0	0
16	291	24	7	15	78	45	61	5	132	0	0	0	0	0
17	292	25	13	19	85	60	72	4	58	0	2	10	0	0
18	293	33	13	23	87	55	71	4	87	0	0	0	0	0
19	294	44	33	38	95	62	78	5	47	0	1	0	0	0
20	295	49	30	39	90	47	68	11	149	0	0	0	0	0
21	296	32	22	27	68	48	58	7	38	0	0	0	0	0
22	297	27	22	24	96	52	74	4	122	0	12	12	0	0
23	298	31	24	27	99	91	95	0	25	0	0	0	0	0
24	299	31	25	28	99	77	88	1	25	0	40	10	0	0
25	300	32	24	28	98	61	79	3	112	0	6	0	0	0
26	301	25	10	17	91	40	65	5	145	0	0	0	0	0
27	302	14	3	8	62	43	52	3	154	0	0	0	0	0
28	303	14	1	7	77	45	61	3	151	0	0	0	0	0
29	304	9	1	5	81	50	65	2	162	0	0	0	0	0
30	305	14	5	9	80	48	64	3	160	0	0	0	0	0
31	306	18	0	9	84	47	65	3	143	0	4	20	0	0
Sums		965	580	765	2699	1629	2155	146	3237	0	110	110	0	0
Average		31.1	18.7	24.7	87.1	52.5	69.5	0.005	104.4	0.0	0.04	0.4	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	276	50	38	50	39	50	41	51	42	49	34	49	35	50	37	50	40
2	277	50	45	50	46	52	47	52	48	51	42	50	42	50	44	51	47
3	278	49	44	49	45	51	46	51	47	49	41	48	41	59	43	50	45
4	279	49	45	50	46	51	46	52	46	50	42	50	42	50	45	51	46
5	280	46	42	47	42	49	42	50	42	45	39	44	39	46	41	48	41
6	281	52	41	52	42	52	43	52	43	53	37	54	38	53	41	52	42
7	282	51	41	52	42	53	44	54	45	49	38	50	39	51	41	53	43
8	283	50	43	51	44	47	52	53	47	49	40	49	41	51	43	51	45
9	284	46	39	47	39	49	40	50	40	44	35	44	36	46	38	48	39
10	285	49	40	50	40	51	41	53	42	47	36	48	36	50	38	51	40
11	286	49	40	50	41	51	42	52	43	47	38	48	38	49	40	51	42
12	287	48	39	49	40	50	41	51	42	47	38	47	38	48	39	50	40
13	288	51	40	51	41	53	41	53	42	50	39	50	39	52	40	53	41
14	289	51	41	52	42	54	43	55	44	51	39	51	40	51	41	54	43
15	290	52	41	53	42	55	43	56	44	52	41	53	41	54	42	56	44
16	291	53	39	53	39	55	40	56	41	52	38	53	38	54	39	55	40
17	292	52	45	53	46	54	47	54	48	52	45	52	45	53	46	54	47
18	293	52	42	52	42	54	43	54	43	52	41	52	40	53	41	54	42
19	294	46	40	46	40	46	41	47	42	46	39	46	38	46	40	47	40
20	295	46	41	46	42	47	41	48	41	48	39	47	40	47	42	47	42
21	296	46	41	47	42	48	43	49	44	44	39	45	40	47	42	48	43
22	297	46	43	47	43	48	44	50	45	44	40	45	41	47	43	49	44
23	298	47	43	47	43	47	44	48	45	46	41	46	41	47	43	47	44
24	299	48	42	48	42	49	43	50	44	47	42	48	42	49	43	49	44
25	300	50	37	51	37	52	39	52	38	50	37	50	36	51	37	52	37
26	301	49	39	49	39	50	40	51	40	48	37	48	38	49	39	51	40
27	302	54	42	55	42	57	44	57	44	54	41	55	42	56	43	57	44
28	303	54	43	55	44	57	45	58	46	54	42	55	43	57	45	57	46
29	304	53	42	54	43	56	45	56	46	53	42	54	43	55	44	56	45
30	305	53	42	53	43	55	44	56	45	52	42	53	43	54	44	55	45
31	306	53	42	53	43	55	44	56	45	53	42	54	43	55	44	56	45
Sums		1545	1282	1562	1301	1598	1339	1627	1354	1528	1226	1538	1238	1580	1288	1603	1326
Averages		49.8	41.4	50.4	42.0	51.5	43.2	52.5	43.7	49.3	39.5	49.6	39.9	51.0	41.5	51.7	42.8

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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	27	0		0
2	277	30	0		0
3	278	30	0		0
4	279	28	0		0
5	280	27	0		0
6	281	25	0		0
7	282	30	0		0
8	283	36	0		0
9	284	38	0		0
10	285	37	0		0
11	286	37	0		0
12	287	40	0		0
13	288	44	0		0
14	289	51	0		0
15	290	53	0		0
16	291	50	0		0
17	292	46	0		0
18	293	42	0		0
19	294	27	0		0
20	295	26	0		0
21	296	38	0		0
22	297	41	0		0
23	298	38	0		0
24	299	37	0		0
25	300	37	0		0
26	301	48	0		0
27	302	57	0		0
28	303	58	0		0
29	304	60	0		0
30	305	56	0		0
31	306	56	0		0
Sums for month		1250	0		0

2571 Accumulated heating degree days since July 1

4458 Accumulated growing degree days since Jan. 1

405 Accumulated cooling degree days since Apr. 1