

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 2012

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	27	23	25	100	72	86	2	30	28	3	0	0	0
2	277	47	23	35	100	71	85	4	95	94	0	0	0	0
3	278	54	42	48	100	81	90	3	28	26	19	0	0	0
4	279	57	41	49	99	73	86	4	115	115	0	0	0	0
5	280	70	38	54	100	48	74	0	115	68	66	0	0	0
6	281	38	23	30	100	60	80	4	42	41	0	0	0	0
7	282	36	24	30	100	51	75	6	147	59	0	0	0	0
8	283	39	34	36	100	69	84	1	45	41	16	0	0	0
9	284	53	31	42	100	81	90	2	53	51	0	0	0	0
10	285	46	31	38	100	81	90	2	70	65	41	0	0	0
11	286	51	29	40	100	86	93	1	19	17	30	0	0	0
12	287	34	27	30	100	76	88	1	83	75	0	0	0	0
13	288	41	28	34	89	51	70	6	128	43	0	0	0	0
14	289	43	26	34	88	42	65	7	147	27	0	0	0	0
15	290	44	27	35	100	49	74	5	131	71	0	0	0	0
16	291	42	32	37	100	70	85	4	87	83	0	0	0	0
17	292	48	41	44	100	76	88	3	64	63	23	0	0	0
18	293	49	40	44	100	100	100	0	49	45	41	0	0	0
19	294	44	33	38	100	93	96	0	34	31	17	0	0	0
20	295	42	26	34	100	75	87	1	106	58	0	0	0	0
21	296	40	28	34	100	80	90	1	78	66	70	0	0	0
22	297	35	25	30	100	100	100	0	38	35	11	15	0	0
23	298	35	26	30	100	89	94	0	97	85	0	0	0	0
24	299	37	27	32	100	74	87	1	106	68	0	0	0	0
25	300	37	26	31	100	78	89	0	107	86	17	20	0	0
26	301	37	16	26	100	100	100	0	41	39	0	0	0	0
27	302	36	15	25	100	100	100	0	54	51	78	122	0	0
28	303	37	16	26	100	100	100	0	85	76	0	0	0	0
29	304	37	16	26	100	100	100	0	85	80	5	10	0	0
30	305	27	20	23	100	100	100	0	60	54	25	40	0	0
31	306	27	21	24	100	95	97	0	130	79	0	0	0	0
Sums		1290	855	1064	3076	2421	2743	58	2469	1820	462	207	0	0
Average		41.6	27.6	34.3	99.2	78.1	88.5	0.002	79.6	58.7	0.15	0.7	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	45	42	45	44	48	47	49	48	45	43	46	44	48	46	51	45
2	277	47	39	45	40	47	40	49	40	45	40	45	40	47	40	48	40
3	278	52	39	51	40	50	41	50	42	52	40	51	40	51	41	50	41
4	279	58	45	54	46	52	46	51	46	56	46	54	46	53	47	52	46
5	280	59	47	56	48	54	47	54	47	58	48	56	48	55	48	54	46
6	281	48	41	50	44	52	48	53	50	49	43	51	45	52	47	53	49
7	282	43	34	45	36	49	39	51	41	44	35	46	36	48	38	50	40
8	283	44	35	44	36	45	39	46	40	44	35	44	37	45	38	45	39
9	284	52	40	50	40	50	41	51	41	52	40	51	40	51	40	51	41
10	285	49	40	48	40	49	42	50	42	48	40	48	40	48	41	50	41
11	286	52	43	51	43	51	43	51	43	52	43	52	43	51	43	51	42
12	287	49	41	48	43	50	46	51	47	48	42	48	43	49	45	50	47
13	288	49	40	47	41	47	44	48	44	47	40	47	41	47	43	48	44
14	289	47	37	44	38	47	41	48	41	45	38	44	39	46	41	47	41
15	290	47	37	45	38	47	41	48	42	46	39	46	40	47	41	47	42
16	291	49	38	47	39	47	40	48	41	47	39	47	39	47	40	47	40
17	292	47	39	45	38	44	40	44	41	45	39	44	39	44	40	43	40
18	293	49	43	48	43	49	43	49	43	48	43	48	43	49	43	48	43
19	294	51	40	51	43	50	47	51	47	52	42	51	44	51	46	51	46
20	295	50	40	48	42	49	44	50	45	48	41	48	43	49	44	49	45
21	296	44	34	45	35	48	38	50	39	45	34	45	36	47	37	49	38
22	297	45	39	46	40	48	43	48	44	46	40	47	41	48	43	49	44
23	298	43	38	44	39	46	41	47	43	44	38	44	40	46	41	47	42
24	299	43	39	45	40	46	42	47	43	44	39	44	40	46	41	46	43
25	300	44	36	46	37	47	39	48	40	45	37	46	37	47	38	48	39
26	301	45	42	46	43	47	44	48	45	45	42	46	43	47	44	48	45
27	302	46	41	47	42	48	44	49	45	47	42	47	42	48	43	49	44
28	303	46	42	46	43	48	44	49	45	47	42	47	43	48	44	49	45
29	304	44	42	45	43	47	44	47	45	45	42	45	43	46	44	47	45
30	305	45	36	45	37	47	39	48	40	45	37	46	37	47	38	48	39
31	306	44	40	45	41	47	42	48	43	45	41	46	41	47	42	46	43
Sums		1476	1229	1462	1262	1496	1319	1521	1343	1469	1250	1470	1273	1495	1307	1511	1325
Averages		47.6	39.6	47.2	40.7	48.3	42.5	49.1	43.3	47.4	40.3	47.4	41.1	48.2	42.2	48.7	42.7

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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	40	0		0
2	277	30	0		0
3	278	17	8		0
4	279	16	9		0
5	280	11	14		0
6	281	35	0		0
7	282	35	0		0
8	283	29	0		0
9	284	23	2		0
10	285	27	0		0
11	286	25	0		0
12	287	35	0		0
13	288	31	0		0
14	289	31	0		0
15	290	30	0		0
16	291	28	0		0
17	292	21	4		0
18	293	21	4		0
19	294	27	0		0
20	295	31	0		0
21	296	31	0		0
22	297	35	0		0
23	298	35	0		0
24	299	33	0		0
25	300	34	0		0
26	301	39	0		0
27	302	40	0		0
28	303	39	0		0
29	304	39	0		0
30	305	42	0		0
31	306	41	0		0
Sums for month		951	41		0

2362 Accumulated heating degree days since July 1

4999 Accumulated growing degree days since Jan. 1

699 Accumulated cooling degree days since Apr. 1