

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

April 2014

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	32	47	27	37	88	48	68	7	545	470	0	0	0	0
2	33	57	28	42	77	37	57	13	316	285	0	0	0	0
3	34	52	25	38	85	41	63	9	524	464	0	0	0	0
4	35	43	26	34	92	49	70	7	362	319	0	0	0	0
5	36	49	35	42	91	58	74	6	106	94	18	0	0	0
6	37	37	28	32	77	55	66	7	208	186	0	0	0	0
7	38	52	32	42	76	29	52	13	540	471	0	0	0	0
8	39	47	34	40	94	36	65	6	106	93	87	0	0	0
9	40	51	33	42	85	66	75	6	216	193	0	0	0	0
10	41	46	32	39	72	25	48	1	496	444	0	0	0	0
11	42	70	34	52	87	20	53	25	510	455	4	0	0	0
12	43	57	36	46	94	39	66	9	389	348	0	0	0	0
13	44	67	40	53	77	27	52	21	509	454	0	0	0	0
14	45	84	58	71	71	24	47	36	392	354	0	0	0	0
15	46	80	41	60	94	31	62	20	191	172	31	0	0	0
16	47	42	21	31	96	50	73	4	84	72	47	11	0	0
17	48	38	22	30	79	35	57	7	538	484	2	0	0	0
18	49	54	27	40	71	26	48	15	561	499	0	0	0	0
19	50	60	35	47	79	35	57	13	461	413	0	0	0	0
20	51	49	29	39	89	36	62	9	505	447	0	0	0	0
21	52	66	35	50	67	21	44	25	608	533	0	0	0	0
22	53	74	46	60	74	20	47	35	453	509	0	0	0	0
23	54	64	37	50	92	61	76	8	182	202	15	0	0	0
24	55	43	32	37	90	46	68	8	195	172	16	0	0	0
25	56	51	33	42	81	23	52	14	624	548	0	0	0	0
26	57	64	37	50	93	22	57	15	349	314	23	0	0	0
27	58	51	38	44	88	64	76	7	183	165	9	0	0	0
28	59	51	30	40	89	42	65	9	369	328	0	0	0	0
29	60	57	33	45	64	37	50	18	511	449	0	0	0	0
30	61	53	42	47	86	52	69	7	103	90	22	0	0	0
Sums		1656	1006	1322	2498	1155	1819	380	11136	10027	274	11	0	0
Average		55.2	33.5	44.1	83.3	38.5	60.6	0.013	371.2	334.2	0.09	0.0	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	32	42	37	42	38	43	38	44	39	42	38	43	38	44	39	44	39
2	33	41	34	41	34	42	35	42	35	42	34	42	34	43	34	42	34
3	34	56	40	50	39	47	39	47	38	60	40	55	40	51	40	48	39
4	35	55	38	50	38	48	38	47	39	57	38	54	38	50	39	50	38
5	36	49	39	48	38	48	38	48	39	50	39	50	39	50	39	49	38
6	37	47	40	46	41	47	42	48	42	48	40	47	41	47	42	48	42
7	38	60	39	52	41	49	41	47	41	62	38	57	40	54	41	48	42
8	39	44	39	42	39	42	39	43	39	46	39	44	39	43	39	43	39
9	40	51	42	49	42	49	41	48	41	53	41	53	41	52	43	48	41
10	41	58	36	53	38	50	40	49	41	59	36	57	37	54	39	50	40
11	42	60	40	53	39	50	40	49	41	63	40	58	38	53	39	50	40
12	43	61	44	56	46	54	46	52	47	64	43	61	45	57	46	53	47
13	44	68	48	61	46	56	46	53	47	71	48	66	46	61	46	55	47
14	45	69	53	63	51	57	50	55	49	74	54	69	52	62	51	56	49
15	46	65	49	59	51	56	52	55	51	69	47	64	5	60	53	56	52
16	47	50	40	53	44	55	47	56	49	49	39	53	42	55	46	56	49
17	48	56	38	53	39	52	41	53	43	58	36	56	37	54	39	52	41
18	49	54	38	50	39	47	40	46	42	56	35	53	36	50	39	46	41
19	50	57	41	55	41	52	42	53	43	61	41	59	40	56	41	53	42
20	51	60	43	55	43	53	44	53	45	61	41	60	41	56	43	53	44
21	52	62	44	56	43	52	44	50	45	67	43	63	42	57	43	52	44
22	53	67	50	60	48	57	47	55	48	74	51	70	49	63	48	57	47
23	54	63	46	59	49	55	50	55	50	67	45	63	47	59	50	55	51
24	55	52	41	52	45	53	47	54	48	52	39	52	42	53	45	54	47
25	56	59	44	56	45	53	46	52	47	61	43	60	43	57	45	53	46
26	57	55	46	53	45	53	45	53	45	59	45	57	44	54	44	53	45
27	58	57	46	55	48	53	48	52	48	59	45	57	47	55	48	53	47
28	59	57	45	54	48	54	49	54	49	56	42	57	44	55	47	54	49
29	60	62	47	57	47	54	48	53	48	66	46	62	47	58	47	54	47
30	61	51	44	51	45	50	46	50	46	51	44	51	44	51	45	50	45
Sums		1688	1271	1584	1290	1531	1309	1516	1325	1757	1250	1693	1218	1614	1300	1535	1312
Averages		56.3	42.4	52.8	43.0	51.0	43.6	50.5	44.2	58.6	41.7	56.4	40.6	53.8	43.3	51.2	43.7

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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	32	28	0		0
2	33	23	2		0
3	34	27	0		0
4	35	31	0		0
5	36	23	2		0
6	37	33	0		0
7	38	23	2		0
8	39	25	0		0
9	40	23	2		0
10	41	26	0		0
11	42	13	12		0
12	43	19	6		0
13	44	12	13		0
14	45	0	31		6
15	46	5	20		0
16	47	34	0		0
17	48	35	0		0
18	49	25	0		0
19	50	18	7		0
20	51	26	0		0
21	52	15	10		0
22	53	5	20		0
23	54	15	10		0
24	55	28	0		0
25	56	23	2		0
26	57	15	10		0
27	58	21	4		0
28	59	25	0		0
29	60	20	5		0
30	61	18	7		0
Sums for month		634	165		6
7375	Accumulated heating degree days since July 1				
174	Accumulated growing degree days since Jan. 1				
6	Accumulated cooling degree days since Apr. 1				