

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 2013

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	53	36	44	100	86	93	0	315	191	20	0	0	0
2	33	41	22	31	100	94	97	0	290	179	0	0	0	0
3	34	34	23	28	100	80	90	0	364	177	0	0	0	0
4	35	36	23	29	100	64	82	3	461	86	0	0	0	0
5	36	57	24	40	100	88	94	1	349	151	0	0	0	0
6	37	46	23	34	100	74	87	1	467	65	0	0	0	0
7	38	46	27	36	100	75	87	2	283	197	0	0	0	0
8	39	72	36	54	100	100	100	0	342	152	0	0	0	0
9	40	67	39	53	100	97	98	0	354	168	0	0	0	0
10	41	62	43	52	100	100	100	0	61	60	65	0	0	0
11	42	46	35	40	100	100	100	0	58	56	80	0	0	0
12	43	41	31	36	100	100	100	0	106	106	38	0	0	0
13	44	49	39	44	100	100	100	0	128	125	39	0	0	0
14	45	50	34	42	100	100	100	0	275	202	1	0	0	0
15	46	46	33	39	100	98	99	0	366	152	0	0	0	0
16	47	69	36	52	100	100	100	0	108	104	0	0	0	0
17	48	64	37	50	100	0	50	0	527	75	28	0	0	0
18	49	55	40	47	100	100	100	0	422	191	0	0	0	0
19	50	71	45	58	100	100	100	0	137	130	0	0	0	0
20	51	74	38	56	100	100	100	0	287	247	7	0	0	0
21	52	43	28	35	100	0	50	0	488	207	4	0	0	0
22	53	44	27	35	100	84	92	0	535	225	0	0	0	0
23	54	57	29	43	100	100	100	0	542	255	0	0	0	0
24	55	59	38	48	100	100	100	0	225	218	0	0	0	0
25	56	67	35	51	100	86	93	1	493	291	5	0	0	0
26	57	56	36	46	100	90	95	0	462	292	10	0	0	0
27	58	54	35	44	100	85	92	1	540	390	0	0	0	0
28	59	67	41	54	100	80	90	1	439	423	0	0	0	0
29	60	72	49	60	100	100	100	0	193	188	16	0	0	0
30	61	59	51	55	100	100	100	0	405	359	1	0	0	0
Sums		1657	1033	1336	3000	2581	2789	10	10022	5662	314	0	0	0
Average		55.2	34.4	44.5	100.0	86.0	93.0	0.000	334.1	188.7	0.10	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	53	40	50	42	49	44	49	44	53	41	50	43	49	45	49	45
2	33	46	38	44	40	46	42	47	42	46	40	45	41	45	42	47	42
3	34	46	31	44	39	46	41	47	41	46	38	45	40	45	41	46	42
4	35	55	36	49	37	45	38	46	38	56	37	51	37	47	38	46	38
5	36	55	39	50	40	48	42	48	42	55	41	52	42	50	43	48	43
6	37	61	40	53	41	48	42	47	42	61	40	55	42	51	42	48	41
7	38	60	42	53	41	51	42	51	42	61	43	56	43	54	43	51	41
8	39	67	47	58	47	53	47	51	46	66	48	60	48	56	48	52	46
9	40	71	50	62	50	58	50	55	49	71	51	66	51	61	51	56	50
10	41	57	46	54	47	53	50	53	51	56	46	55	48	54	50	53	51
11	42	49	41	49	41	51	42	51	43	48	41	49	41	50	42	51	43
12	43	52	41	49	41	49	41	49	52	51	41	49	41	49	41	49	41
13	44	53	42	51	44	49	46	49	46	52	43	50	44	50	46	49	46
14	45	56	40	53	42	51	42	51	45	55	41	53	42	52	43	51	44
15	46	65	41	57	41	51	42	48	42	63	41	58	41	54	42	59	42
16	47	60	44	57	47	54	48	53	47	59	46	57	48	55	49	54	47
17	48	71	50	64	45	58	49	56	49	68	45	63	46	59	48	57	48
18	49	68	48	62	47	55	48	53	48	68	48	63	48	58	48	53	48
19	50	67	44	61	47	57	52	56	52	66	45	62	48	58	51	56	52
20	51	55	42	53	45	52	49	54	50	54	42	52	45	51	47	53	50
21	52	65	38	59	42	55	46	54	47	62	40	59	42	57	45	54	47
22	53	64	37	57	41	52	44	50	45	66	39	61	41	56	43	51	44
23	54	67	41	59	42	54	45	52	46	68	42	63	43	58	45	53	46
24	55	64	43	58	46	55	48	54	48	64	45	59	48	57	48	54	48
25	56	72	45	63	48	58	49	56	50	71	47	66	48	61	50	57	50
26	57	68	41	61	45	58	49	57	50	66	43	63	45	60	48	57	49
27	58	78	45	67	46	62	48	59	49	78	45	71	46	66	48	61	49
28	59	75	50	66	50	69	52	57	52	75	51	69	50	63	52	58	52
29	60	62	51	58	51	55	53	54	53	62	52	59	52	57	53	56	53
30	61	73	53	65	54	60	53	57	53	72	54	69	54	64	54	59	53
Sums		1855	1286	1686	1329	1602	1384	1564	1404	1839	1316	1730	1348	1647	1386	1588	1391
Averages		61.8	42.9	56.2	44.3	53.4	46.1	52.1	46.8	61.3	43.9	57.7	44.9	54.9	46.2	52.9	46.4

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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	32	21	4		0
2	33	34	0		0
3	34	37	0		0
4	35	36	0		0
5	36	25	0		0
6	37	31	0		0
7	38	29	0		0
8	39	11	14		0
9	40	12	13		0
10	41	13	12		0
11	42	25	0		0
12	43	29	0		0
13	44	21	4		0
14	45	23	2		0
15	46	26	0		0
16	47	13	12		0
17	48	15	10		0
18	49	18	7		0
19	50	7	18		0
20	51	9	16		0
21	52	30	0		0
22	53	30	0		0
23	54	22	3		0
24	55	17	8		0
25	56	14	11		0
26	57	19	6		0
27	58	21	4		0
28	59	11	14		0
29	60	5	20		0
30	61	10	15		0
Sums for month		614	193		0
6325	Accumulated heating degree days since July 1				
231	Accumulated growing degree days since Jan. 1				
0	Accumulated cooling degree days since Apr. 1				