

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 2016

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	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	69	51	60	85	38	61	0	52	0	5	0	0	
2	33	60	35	47	83	48	65	12	351	0	0	0	0	
3	34	46	20	33	96	36	66	5	320	0	9	10	0	
4	35	27	19	23	94	40	67	3	333	0	28	25	0	
5	36	24	12	18	92	48	70	4	181	0	0	0	0	
6	37	29	19	24	68	29	48	7	533	0	0	0	0	
7	38	45	23	34	58	38	48	14	199	0	0	0	0	
8	39	52	28	40	90	50	70	8	179	0	3	0	0	
9	40	35	25	30	83	49	66	6	179	0	0	0	0	
10	41	32	21	26	72	34	53	10	428	0	0	0	0	
11	42	44	23	33	93	54	73	8	332	0	0	0	0	
12	43	54	33	43	81	42	61	8	91	0	28	0	0	
13	44	43	27	35	90	31	60	9	290	0	0	0	0	
14	45	44	25	34	79	21	50	13	465	0	0	0	0	
15	46	52	29	40	77	20	48	20	573	0	0	0	0	
16	47	62	33	47	74	19	46	23	572	0	0	0	0	
17	48	65	36	50	78	18	48	29	565	0	0	0	0	
18	49	70	38	54	78	18	48	30	580	0	0	0	0	
19	50	72	42	57	82	17	49	32	526	0	0	0	0	
20	51	56	37	46	77	26	51	18	561	0	0	0	0	
21	52	62	38	50	64	18	41	22	605	0	0	0	0	
22	53	74	43	58	79	20	49	26	393	0	0	0	0	
23	54	69	38	53	88	45	66	11	206	0	1	0	0	
24	55	49	33	41	78	24	51	13	549	0	0	0	0	
25	56	55	37	46	63	24	43	20	528	0	0	0	0	
26	57	51	39	45	94	30	62	10	308	0	32	0	0	
27	58	40	29	34	95	61	78	3	168	0	27	0	0	
28	59	54	29	41	65	23	44	16	623	0	0	0	0	
29	60	51	37	44	67	27	47	15	400	0	0	0	0	
30	61	51	39	45	91	50	70	9	175	0	0	0	0	
Sums		1537	938	1231	2414	998	1699	404	11265	0	133	35	0	
Average		51.2	31.3	41.0	80.5	33.3	56.6	0.013	375.5	0.0	0.04	0.1	0.0	

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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	47	51	46	50	46	50	46	56	47	54	47	52	47	50	46
2	33	58	47	55	47	54	48	54	48	63	44	60	45	57	47	54	48
3	34	55	45	55	46	56	48	56	48	57	42	55	43	55	46	56	47
4	35	54	45	54	46	55	46	55	47	51	43	50	42	52	44	54	46
5	36	56	48	57	49	58	49	58	50	54	45	54	45	51	47	58	48
6	37	52	37	53	38	54	39	54	40	50	34	50	36	52	37	53	39
7	38	41	37	41	37	41	38	42	39	42	33	41	34	41	36	41	37
8	39	51	41	50	41	51	41	51	41	55	40	53	41	51	40	51	40
9	40	48	43	50	44	51	44	52	44	47	40	48	42	50	43	51	42
10	41	51	41	50	42	51	45	52	45	53	39	52	41	50	43	54	45
11	42	50	40	48	40	48	41	50	41	52	37	48	38	47	40	49	40
12	43	51	42	51	41	52	41	52	41	53	42	53	41	53	41	52	41
13	44	51	46	52	46	53	45	54	45	53	43	52	45	52	46	53	45
14	45	55	47	52	47	54	46	54	46	60	43	55	45	53	45	53	46
15	46	59	45	55	46	55	47	55	46	65	43	61	44	57	45	55	46
16	47	61	46	58	46	55	46	54	46	67	45	65	45	61	45	55	45
17	48	63	50	59	49	57	48	55	48	72	48	68	49	62	49	57	48
18	49	66	51	62	52	59	51	57	50	76	49	71	50	65	52	59	51
19	50	67	52	64	52	60	52	57	51	77	52	73	53	66	52	60	52
20	51	62	51	60	52	58	53	56	53	70	48	67	50	62	52	58	53
21	52	67	49	63	50	61	51	59	52	75	46	71	48	66	50	61	51
22	53	64	50	61	50	57	50	56	50	73	50	68	50	62	50	58	50
23	54	64	54	61	55	58	54	58	54	70	51	66	53	61	55	58	54
24	55	61	50	59	52	59	54	60	53	66	45	65	48	62	52	60	53
25	56	63	53	59	53	58	53	57	53	70	52	66	52	62	52	59	53
26	57	61	54	59	54	58	55	58	55	65	52	63	53	60	54	58	55
27	58	56	49	56	51	57	52	57	53	55	44	55	46	55	49	57	52
28	59	64	51	61	51	58	51	57	51	68	47	65	48	61	49	57	50
29	60	61	53	57	52	56	52	56	51	65	50	61	50	58	50	56	51
30	61	57	52	56	53	56	53	55	53	58	51	57	52	56	52	57	50
Sums		1722	1416	1669	1428	1650	1439	1641	1440	1838	1345	1767	1376	1692	1410	1654	1424
Averages		57.4	47.2	55.6	47.6	55.0	48.0	54.7	48.0	61.3	44.8	58.9	45.9	56.4	47.0	55.1	47.5

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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	5	20		0
2	33	18	7		0
3	34	32	0		0
4	35	42	0		0
5	36	47	0		0
6	37	41	0		0
7	38	31	0		0
8	39	25	0		0
9	40	35	0		0
10	41	39	0		0
11	42	32	0		0
12	43	22	3		0
13	44	30	0		0
14	45	31	0		0
15	46	25	0		0
16	47	18	7		0
17	48	15	10		0
18	49	11	14		0
19	50	8	17		0
20	51	19	6		0
21	52	15	10		0
22	53	7	18		0
23	54	12	13		0
24	55	24	1		0
25	56	19	6		0
26	57	20	5		0
27	58	31	0		0
28	59	24	1		0
29	60	21	4		0
30	61	20	5		0
Sums for month		719	147		0
6043	Accumulated heating degree days since July 1				
277	Accumulated growing degree days since Jan. 1				
0	Accumulated cooling degree days since Apr. 1				