

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

2015

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	37	25	31	84	50	67	6	231	0	0	0	0	
2	33	42	28	35	72	27	49	11	539	0	0	0	0	
3	34	68	37	52	93	20	56	19	395	0	5	0	0	
4	35	58	32	45	91	47	69	8	346	0	5	0	0	
5	36	40	29	34	93	34	63	8	417	0	0	0	0	
6	37	33	29	31	95	46	70	3	130	0	3	11	0	
7	38	61	31	46	93	35	64	6	433	0	0	0	0	
8	39	42	33	37	93	48	70	8	212	0	1	0	0	
9	40	41	36	38	94	77	85	3	75	0	37	0	0	
10	41	49	37	43	94	70	82	6	268	0	21	0	0	
11	42	53	37	45	82	52	67	11	181	0	0	0	0	
12	43	45	30	37	87	46	66	9	248	0	0	0	0	
13	44	64	34	49	69	24	46	22	574	0	0	0	0	
14	45	78	40	59	88	27	57	24	483	0	40	0	0	
15	46	60	41	50	60	23	41	23	449	0	0	0	0	
16	47	56	33	44	82	22	52	17	596	0	0	0	0	
17	48	69	32	50	94	17	55	22	479	0	14	0	0	
18	49	63	42	52	94	51	72	12	291	0	0	0	0	
19	50	69	35	52	74	22	48	24	600	0	0	0	0	
20	51	64	39	51	89	21	55	21	540	0	11	0	0	
21	52	63	42	52	88	56	72	12	317	0	61	0	0	
22	53	54	38	46	79	33	56	13	416	0	1	0	0	
23	54	50	31	40	84	41	62	9	249	0	0	0	0	
24	55	37	29	33	79	46	62	8	260	0	0	0	0	
25	56	38	28	33	77	45	61	8	232	0	0	0	0	
26	57	48	32	40	80	37	58	11	599	0	0	0	0	
27	58	49	38	43	85	41	63	12	380	0	0	0	0	
28	59	50	39	44	83	51	67	8	312	0	2	0	0	
29	60	67	41	54	85	30	57	19	637	0	0	0	0	
Sums		1548	998	1266	2461	1139	1792	363	10889	0	201	11	0	
Average		53.4	34.4	43.7	84.9	39.3	61.8	0.013	375.5	0.0	0.07	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	49	42	49	43	50	42	51	41	51	42	50	42	50	42	51	41
2	33	52	40	50	40	50	40	50	39	55	40	53	40	51	40	50	40
3	34	54	39	51	39	50	38	50	38	59	39	56	38	52	38	50	38
4	35	59	45	56	46	53	47	53	46	64	43	61	45	57	47	53	47
5	36	53	44	52	46	53	46	54	45	56	42	55	43	52	46	54	45
6	37	49	44	50	44	51	45	51	45	49	42	48	42	49	43	51	44
7	38	61	45	56	43	53	42	53	42	66	44	62	43	55	42	53	41
8	39	53	48	52	48	52	48	52	48	55	47	54	47	52	48	52	48
9	40	48	41	49	42	49	42	50	41	48	41	48	41	49	41	49	41
10	41	51	42	48	42	46	42	45	42	55	43	52	42	48	42	45	41
11	42	54	44	52	44	51	44	51	44	57	43	55	44	53	44	51	44
12	43	50	44	49	44	51	45	51	45	52	42	51	42	50	44	51	45
13	44	62	45	58	44	54	44	53	45	67	45	64	44	59	44	54	44
14	45	63	47	59	47	55	45	55	45	69	49	65	47	59	46	55	46
15	46	62	47	58	48	56	50	56	50	65	43	63	45	58	48	50	56
16	47	62	46	59	46	57	47	56	48	65	43	64	44	59	45	56	47
17	48	62	47	58	47	53	47	53	47	67	46	62	45	56	45	53	47
18	49	63	51	60	51	57	52	55	51	67	49	65	50	61	51	56	51
19	50	64	50	61	51	58	51	57	51	67	46	66	48	62	51	58	51
20	51	63	47	60	48	56	49	55	49	66	44	63	46	59	48	56	48
21	52	59	48	57	49	56	49	55	49	64	48	60	47	58	48	55	49
22	53	62	48	60	49	57	50	56	50	65	45	63	46	59	48	56	49
23	54	58	48	57	49	55	51	56	50	61	43	59	46	56	48	55	50
24	55	52	43	53	45	47	54	55	47	51	39	52	41	52	44	54	46
25	56	51	44	52	45	53	45	54	46	50	41	50	42	52	43	53	45
26	57	59	46	56	46	55	46	55	46	63	43	60	43	56	45	54	46
27	58	57	49	55	49	54	48	54	48	61	47	59	48	55	49	54	48
28	59	56	47	54	48	53	48	53	49	59	45	57	46	55	47	53	48
29	60	63	49	61	49	57	48	55	49	66	47	66	48	61	48	56	48
30	61	68	52	65	51	60	51	58	51	73	50	72	51	65	51	60	51
Sums		1719	1372	1657	1383	1602	1396	1602	1387	1813	1321	1755	1336	1660	1366	1598	1385
Averages		57.3	45.7	55.2	46.1	53.4	46.5	53.4	46.2	60.4	44.0	58.5	44.5	55.3	45.5	53.3	46.2

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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	34	0		0
2	33	30	0		0
3	34	13	12		0
4	35	20	5		0
5	36	31	0		0
6	37	34	0		0
7	38	19	6		0
8	39	28	0		0
9	40	27	0		0
10	41	22	3		0
11	42	20	5		0
12	43	28	0		0
13	44	16	9		0
14	45	6	19		0
15	46	15	10		0
16	47	21	4		0
17	48	15	10		0
18	49	13	12		0
19	50	13	12		0
20	51	14	11		0
21	52	13	12		0
22	53	19	6		0
23	54	25	0		0
24	55	32	0		0
25	56	32	0		0
26	57	25	0		0
27	58	22	3		0
28	59	21	4		0
29	60	11	14		0
Sums for month		619	157		0
7439	Accumulated heating degree days since July 1				
157	Accumulated growing degree days since Jan. 1				
0	Accumulated cooling degree days since Apr. 1				