

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

Apr

2019

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	36	22	29	93	58	75	4	239	0	3	5	0	
2	33	37	23	30	77	32	54	8	479	0	0	0	0	
3	34	49	23	36	61	27	44	15	390	0	0	0	0	
4	35	49	26	37	76	25	50	13	444	0	0	0	0	
5	36	40	28	34	61	19	40	11	433	0	0	0	0	
6	37	39	30	34	97	36	66	5	77	0	39	0	0	
7	38	56	37	46	94	50	72	9	318	0	0	0	0	
8	39	63	37	50	95	45	70	15	312	0	18	0	0	
9	40	65	43	54	95	50	72	13	359	0	0	0	0	
10	41	63	32	47	94	29	61	12	366	0	1	0	0	
11	42	41	30	35	95	39	67	7	285	0	0	0	0	
12	43	46	30	38	76	48	62	10	176	0	0	0	0	
13	44	65	45	55	82	39	60	19	274	0	0	0	0	
14	45	67	40	53	66	21	43	25	479	0	0	0	0	
15	46	55	37	46	99	48	73	4	101	0	66	0	0	
16	47	42	33	37	84	44	64	10	144	0	2	0	0	
17	48	51	31	41	99	25	62	8	361	0	1	0	0	
18	49	58	32	45	98	26	62	18	540	0	1	0	0	
19	50	64	50	57	74	52	63	21	257	0	1	0	0	
20	51	73	38	55	99	49	74	8	123	0	49	0	0	
21	52	54	39	46	99	76	87	2	244	0	2	0	0	
22	53	56	39	47	99	61	80	6	199	0	0	0	0	
23	54	58	40	49	96	52	74	8	335	0	0	0	0	
24	55	72	42	57	84	33	58	18	285	0	2	0	0	
25	56	53	35	44	85	48	66	10	399	0	0	0	0	
26	57	63	38	50	97	31	64	17	479	0	14	0	0	
27	58	64	36	50	91	58	74	11	180	0	9	0	0	
28	59	43	33	38	91	58	74	7	221	0	3	0	0	
29	60	46	30	38	90	33	61	10	304	0	0	0	0	
30	61	47	36	41	96	33	64	10	301	0	9	0	0	
Sums		1615	1035	1319	2643	1245	1936	334	9104	0	220	5	0	
Average		53.8	34.5	44.0	88.1	41.5	64.5	0.011	303.5	0.0	0.07	0.0	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	49	40	49	41	50	43	51	44	50	38	50	40	50	42	51	44
2	33	50	39	49	40	50	42	51	43	53	37	51	38	50	40	50	41
3	34	50	39	50	40	50	41	51	43	53	38	50	38	50	40	51	42
4	35	50	42	49	43	52	41	53	40	55	42	53	43	51	40	52	41
5	36	51	38	50	39	51	41	51	42	57	37	54	37	52	40	51	40
6	37	49	38	48	38	48	39	49	39	49	38	49	37	49	39	48	39
7	38	56	46	53	45	52	46	51	45	62	45	58	46	54	46	52	45
8	39	57	45	54	45	51	45	50	45	63	48	59	46	54	45	51	45
9	40	60	50	57	50	55	49	54	48	65	49	63	49	58	50	54	49
10	41	57	48	56	49	55	49	55	48	62	47	60	49	57	49	55	49
11	42	55	48	54	49	54	50	55	50	56	44	55	46	54	48	54	50
12	43	53	42	52	43	52	43	52	44	53	42	52	42	52	43	52	43
13	44	54	45	53	45	52	43	52	43	60	47	57	46	54	44	52	43
14	45	63	51	60	50	57	50	56	49	73	50	69	51	63	51	56	50
15	46	54	46	54	47	55	47	55	47	55	44	54	45	55	47	55	47
16	47	51	43	51	44	52	45	52	47	51	38	51	41	51	44	52	46
17	48	53	43	52	45	52	45	53	46	59	41	56	42	52	44	52	45
18	49	60	47	58	47	56	47	53	47	66	47	63	46	58	46	54	48
19	50	57	50	54	49	53	49	52	48	63	53	60	51	56	49	53	48
20	51	59	51	56	52	56	51	56	50	64	49	61	50	58	52	56	51
21	52	59	52	57	52	56	51	56	50	64	51	62	52	58	52	56	51
22	53	58	52	56	53	56	53	56	52	65	50	61	51	57	52	56	52
23	54	61	50	59	51	57	51	56	51	67	47	64	48	60	50	57	51
24	55	60	50	58	50	56	49	56	50	69	48	64	50	59	50	56	50
25	56	58	49	56	50	57	56	51	57	65	44	62	47	58	49	57	50
26	57	62	50	60	50	58	50	57	51	74	51	68	49	63	49	58	50
27	58	59	47	58	49	57	50	57	51	64	42	61	45	59	48	57	50
28	59	53	46	54	48	54	48	55	49	51	43	52	44	53	46	55	48
29	60	54	46	54	48	54	49	55	50	57	41	56	43	54	47	54	50
30	61	54	49	54	49	54	48	54	48	59	48	56	46	54	47	54	47
Sums		1666	1382	1625	1401	1612	1411	1605	1417	1804	1339	1731	1358	1653	1389	1611	1405
Averages		55.5	46.1	54.2	46.7	53.7	47.0	53.5	47.2	60.1	44.6	57.7	45.3	55.1	46.3	53.7	46.8

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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	36	0		0
2	33	35	0		0
3	34	29	0		0
4	35	28	0		0
5	36	31	0		0
6	37	31	0		0
7	38	19	6		0
8	39	15	10		0
9	40	11	14		0
10	41	18	7		0
11	42	30	0		0
12	43	27	0		0
13	44	10	15		0
14	45	12	13		0
15	46	19	6		0
16	47	28	0		0
17	48	24	1		0
18	49	20	5		0
19	50	8	17		0
20	51	10	15		0
21	52	19	6		0
22	53	18	7		0
23	54	16	9		0
24	55	8	17		0
25	56	21	4		0
26	57	15	10		0
27	58	15	10		0
28	59	27	0		0
29	60	27	0		0
30	61	24	1		0
Sums for month		631	173		0
6843	Accumulated heating degree days since July 1				
214	Accumulated growing degree days since Jan. 1				
0	Accumulated cooling degree days since Apr. 1				