

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

May 2018

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	62	61	36	48	64	12	38	29	569	0	0	0	24	205
2	63	79	48	63	56	14	35	53	558	0	0	0	2	338
3	64	84	62	73	75	22	48	57	492	0	3	0	13	367
4	65	77	57	67	99	47	73	16	300	0	34	0	12	180
5	66	81	47	64	99	30	64	21	345	0	40	0	61	306
6	67	74	52	63	63	28	45	35	519	0	0	0	2	131
7	68	67	48	57	68	40	54	22	348	0	0	0	7	192
8	69	61	37	49	76	22	49	21	547	0	0	0	5	188
9	70	74	49	61	81	31	56	27	608	0	0	0	6	214
10	71	79	60	69	60	29	44	42	482	0	0	0	24	304
11	72	72	41	56	90	7	48	20	317	0	49	0	37	237
12	73	52	41	46	84	30	57	17	483	0	15	0	9	263
13	74	54	40	47	99	65	82	5	207	0	0	0	7	36
14	75	61	46	53	98	62	80	8	495	0	2	0	3	130
15	76	75	57	66	94	39	66	26	510	0	6	0	4	268
16	77	70	47	58	98	67	82	6	266	0	46	0	3	112
17	78	71	52	61	98	51	74	11	524	0	2	0	2	207
18	79	77	47	62	70	39	54	26	613	0	0	0	7	294
19	80	66	48	57	97	33	65	24	587	0	31	0	8	304
20	81	64	48	56	97	68	82	9	269	0	33	0	6	92
21	82	65	49	57	95	55	75	8	278	0	3	0	5	58
22	83	72	52	62	95	23	59	27	600	0	14	0	2	255
23	84	72	54	63	96	67	81	6	234	0	28	0	5	79
24	85	75	53	64	79	38	58	28	657	0	0	0	2	299
25	86	80	59	69	57	26	41	46	655	0	0	0	68	344
26	87	83	56	69	75	25	50	46	634	0	0	0	83	361
27	88	81	61	71	85	33	59	35	378	0	0	0	54	261
28	89	71	62	66	94	72	83	11	272	0	0	0	112	23
29	90	85	63	74	81	35	58	35	563	0	0	0	76	156
30	91	80	58	69	82	41	61	29	654	0	0	0	78	316
31	92	87	66	76	74	36	55	40	598	0	0	0	180	383
Sums		2250	1596	1916	2579	1187	1876	786	14562	0	306	0	907	6903
Average		72.6	51.5	61.8	83.2	38.3	60.5	0.025	469.7	0.0	0.10	0.0	29.3	0.223

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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	62	57	47	55	47	52	47	53	48	60	45	61	45	57	46	53	47
2	63	64	50	61	50	57	50	55	49	72	51	72	50	65	49	58	50
3	64	66	54	63	53	58	53	57	56	75	58	74	57	67	55	59	53
4	65	64	58	62	57	60	55	59	54	71	60	70	60	65	59	60	56
5	66	67	55	65	56	61	57	60	55	74	53	73	53	67	55	62	56
6	67	68	57	66	57	62	57	60	56	73	57	73	57	68	57	63	56
7	68	66	56	64	57	61	57	60	56	71	55	70	55	66	57	61	57
8	69	68	54	65	55	63	56	61	56	70	51	72	51	68	54	63	63
9	70	70	56	67	56	64	56	62	56	76	56	77	56	71	56	65	56
10	71	68	57	66	57	63	57	61	57	74	58	75	58	70	58	54	57
11	72	66	56	64	56	62	57	61	56	70	53	70	53	66	56	62	57
12	73	64	57	63	57	61	58	60	57	64	55	65	55	63	56	60	57
13	74	61	56	60	56	60	56	60	57	61	54	61	53	60	55	59	56
14	75	62	56	60	56	58	55	58	55	66	56	66	55	61	55	57	54
15	76	71	59	68	58	65	57	63	57	76	61	77	60	71	58	66	57
16	77	65	59	64	59	62	59	61	58	66	58	67	57	65	59	62	59
17	78	70	60	67	60	63	59	62	59	74	60	75	59	69	59	63	59
18	79	74	59	72	60	67	60	65	60	78	56	79	56	74	58	68	59
19	80	74	59	72	60	68	60	65	59	82	55	79	56	72	59	67	60
20	81	72	58	70	58	66	59	64	59	72	57	74	57	71	58	66	58
21	82	63	57	62	58	61	58	60	58	65	57	66	57	63	57	61	57
22	83	64	56	64	56	62	57	61	57	65	54	66	54	64	56	62	56
23	84	74	58	72	58	67	58	65	58	77	57	78	57	74	58	68	58
24	85	68	60	66	60	64	60	63	59	70	60	70	60	67	60	64	59
25	86	75	59	74	59	69	60	67	60	77	57	78	58	76	59	70	60
26	87	77	61	76	61	71	61	70	61	78	61	81	61	78	61	73	61
27	88	78	63	77	63	72	63	71	63	80	63	82	63	79	64	74	63
28	89	74	65	72	64	69	64	67	63	76	66	77	66	74	64	70	63
29	90	70	64	69	64	66	63	65	63	72	64	73	64	70	64	66	63
30	91	80	65	77	65	73	64	71	64	83	65	84	65	80	65	74	64
31	92	81	66	78	66	75	66	72	65	85	67	86	67	82	67	76	66
Sums		2141	1797	2081	1799	1982	1799	1939	1791	2253	1780	2271	1775	2143	1794	1986	1797
Averages		69.1	58.0	67.1	58.0	63.9	58.0	62.5	57.8	72.7	57.4	73.3	57.3	69.1	57.9	64.1	58.0

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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	62	17	8		0
2	63	2	23		0
3	64	0	33		8
4	65	0	27		2
5	66	1	24		0
6	67	2	23		0
7	68	8	17		0
8	69	16	9		0
9	70	4	21		0
10	71	0	29		4
11	72	9	16		0
12	73	19	6		0
13	74	18	7		0
14	75	12	13		0
15	76	0	26		1
16	77	7	18		0
17	78	4	21		0
18	79	3	22		0
19	80	8	17		0
20	81	9	16		0
21	82	8	17		0
22	83	3	22		0
23	84	2	23		0
24	85	1	24		0
25	86	0	29		4
26	87	0	29		4
27	88	0	31		6
28	89	0	26		1
29	90	0	34		9
30	91	0	29		4
31	92	0	36		11
Sums for month		153	676		54

6982 Accumulated heating degree days since July 1
 807 Accumulated growing degree days since Jan. 1
 54 Accumulated cooling degree days since Apr. 1