

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 2019

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	50	40	45	97	43	70	11	355	0	32	0	0	0
2	63	63	41	52	99	59	79	9	223	0	24	0	0	88
3	64	52	41	46	99	74	86	3	223	0	21	0	0	84
4	65	64	45	54	99	70	84	4	284	0	10	0	27	116
5	66	52	43	47	98	76	87	5	196	0	0	0	42	42
6	67	58	45	51	99	56	77	8	313	0	20	0	0	69
7	68	72	48	60	81	27	54	31	576	0	0	0	14	221
8	69	54	40	47	94	53	73	7	162	0	21	0	89	93
9	70	53	40	46	82	29	55	15	637	0	0	0	0	201
10	71	66	44	55	97	50	73	14	366	0	44	0	138	261
11	72	71	40	55	98	55	76	13	418	0	24	0	0	206
12	73	55	42	48	92	39	65	15	477	0	9	0	84	199
13	74	43	40	41	98	79	88	3	104	0	62	0	141	122
14	75	44	40	42	98	84	91	2	92	0	52	0	93	5
15	76	46	39	42	97	77	87	3	208	0	10	0	90	45
16	77	67	43	55	98	29	63	14	408	0	8	0	85	157
17	78	63	47	55	88	39	63	20	453	0	2	0	64	159
18	79	69	43	56	77	38	57	18	413	0	0	0	116	185
19	80	65	50	57	92	36	64	23	555	0	28	0	75	200
20	81	85	61	73	88	42	65	24	441	0	17	0	0	250
21	82	71	42	56	78	49	63	17	403	0	4	0	176	275
22	83	61	44	52	78	32	55	22	665	0	0	0	128	233
23	84	65	50	57	77	32	54	24	444	0	1	0	88	204
24	85	78	53	65	76	43	59	26	336	0	0	0	146	225
25	86	65	46	55	94	51	72	14	383	0	0	0	88	118
26	87	76	52	64	99	50	74	15	401	0	79	0	122	197
27	88	78	53	65	74	41	57	26	548	0	0	0	116	298
28	89	73	54	63	97	34	65	22	568	0	4	0	58	283
29	90	68	49	58	98	78	88	4	213	0	22	0	91	89
30	91	59	50	54	96	72	84	7	240	0	2	0	40	72
31	92	68	53	60	98	61	79	11	330	0	54	0	78	130
Sums		1954	1418	1676	2836	1598	2207	430	11435	0	550	0	2189	4827
Average		63.0	45.7	54.1	91.5	51.5	71.2	0.014	368.9	0.0	0.18	0.0	70.6	0.156

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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	58	51	56	51	55	50	55	50	63	50	61	50	57	50	55	50
2	63	56	50	56	49	56	48	55	48	61	51	58	50	57	49	55	48
3	64	59	54	58	53	57	53	56	53	65	52	62	53	59	53	57	53
4	65	63	53	60	53	58	52	57	52	73	53	68	53	62	53	58	52
5	66	59	55	58	55	57	55	57	55	63	52	61	53	58	54	57	55
6	67	61	56	59	55	58	54	57	54	67	52	64	54	61	55	58	54
7	68	71	57	68	57	66	56	64	55	81	57	77	58	71	56	65	55
8	69	59	54	59	55	59	55	59	56	60	48	59	50	59	53	59	55
9	70	63	53	62	54	62	53	60	54	70	51	67	51	64	52	61	53
10	71	60	53	58	54	57	53	56	53	68	53	64	52	60	52	56	53
11	72	66	56	63	57	61	56	60	56	74	50	71	53	66	55	60	56
12	73	65	55	63	57	62	57	61	57	72	51	69	53	65	55	62	56
13	74	56	50	58	51	58	52	58	52	54	47	55	48	55	50	57	51
14	75	55	50	56	51	55	51	56	51	53	48	54	48	55	50	55	50
15	76	56	52	56	52	56	53	56	53	57	48	56	50	55	51	55	52
16	77	61	53	59	53	57	52	57	52	71	52	67	52	61	52	57	52
17	78	61	53	60	53	59	52	56	53	69	53	67	52	60	52	57	53
18	79	64	56	63	56	61	55	58	55	74	56	70	55	63	55	60	55
19	80	67	57	65	57	63	56	62	56	79	57	74	57	68	56	63	56
20	81	72	60	69	59	67	58	65	58	85	63	79	62	72	60	66	58
21	82	68	56	67	57	65	57	63	58	76	50	73	53	68	55	64	57
22	83	67	54	67	56	65	56	64	57	75	49	72	51	69	54	65	56
23	84	66	57	65	57	62	57	61	57	77	54	72	55	67	56	62	56
24	85	69	57	67	57	65	57	64	57	77	54	74	55	70	57	65	57
25	86	66	57	65	57	64	57	63	57	74	53	71	55	67	56	64	57
26	87	67	57	65	56	64	56	62	56	74	60	71	57	67	56	63	56
27	88	74	59	72	56	69	60	66	60	83	58	79	56	74	58	68	59
28	89	75	60	73	60	70	60	69	60	85	60	80	61	75	60	70	59
29	90	67	59	66	59	64	59	63	59	78	56	70	56	67	58	64	58
30	91	65	59	65	60	63	60	62	60	69	56	67	57	65	59	62	59
31	92	68	60	67	60	65	60	64	60	74	58	71	59	68	59	64	59
Sums		1984	1713	1945	1717	1900	1710	1866	1714	2201	1652	2103	1669	1985	1691	1884	1700
Averages		64.0	55.3	62.7	55.4	61.3	55.2	60.2	55.3	71.0	53.3	67.8	53.8	64.0	54.5	60.8	54.8

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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	62	20	5		0
2	63	13	12		0
3	64	19	6		0
4	65	11	14		0
5	66	18	7		0
6	67	14	11		0
7	68	5	20		0
8	69	18	7		0
9	70	19	6		0
10	71	10	15		0
11	72	10	15		0
12	73	17	8		0
13	74	24	1		0
14	75	23	2		0
15	76	23	2		0
16	77	10	15		0
17	78	10	15		0
18	79	9	16		0
19	80	8	17		0
20	81	0	33		8
21	82	9	16		0
22	83	13	12		0
23	84	8	17		0
24	85	0	25		0
25	86	10	15		0
26	87	1	24		0
27	88	0	25		0
28	89	2	23		0
29	90	7	18		0
30	91	11	14		0
31	92	5	20		0
Sums for month		347	436		8

7190 Accumulated heating degree days since July 1
 650 Accumulated growing degree days since Jan. 1
 8 Accumulated cooling degree days since Apr. 1