

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

July 2020

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	123	73	61	67	99	55	77	0	253	0	0	0	47	187
2	124	79	65	72	78	44	61	0	171	0	0	0	57	332
3	125	91	69	80	58	27	42	0	271	0	0	0	79	438
4	126	84	66	75	93	49	71	0	221	0	0	0	51	255
5	127	84	59	71	77	31	54	0	20	0	0	0	31	282
6	128	88	63	75	73	26	49	0	174	0	1	0	37	452
7	129	90	68	79	76	27	51	0	230	0	0	0	35	358
8	130	89	67	78	81	44	62	0	103	0	0	0	49	466
9	131	85	67	76	95	47	71	0	33	0	17	0	27	252
10	132	93	70	81	80	30	55	0	0	0	0	0	34	394
11	133	90	68	79	97	32	64	0	281	0	6	0	36	330
12	134	85	66	75	98	48	73	0	146	0	141	0	51	294
13	135	82	63	72	85	34	59	0	23	0	0	0	43	316
14	136	75	61	68	92	47	69	0	36	0	25	0	9	274
15	137	78	58	68	96	39	67	0	120	0	1	0	33	246
16	138	83	66	74	74	31	52	0	247	0	0	0	18	329
17	139	79	67	73	99	59	79	0	0	0	129	0	28	285
18	140	81	60	70	91	37	64	0	250	0	5	0	36	290
19	141	86	66	76	82	35	58	0	0	0	0	0	0	288
20	142	89	71	80	82	46	64	0	0	0	21	0	13	328
21	143	82	61	71	94	37	65	0	288	0	0	0	9	400
22	144	79	62	70	95	46	70	0	194	0	0	0	2	232
23	145	79	66	72	96	66	81	0	160	0	35	0	3	109
24	146	80	63	71	98	60	79	0	94	0	4	0	6	231
25	147	81	62	71	97	49	73	0	24	0	0	0	4	282
26	148	83	64	73	79	40	59	0	111	0	0	0	7	233
27	149	85	70	77	72	44	58	0	0	0	0	0	31	337
28	150	88	67	77	97	45	71	0	62	0	87	0	31	326
29	151	81	66	73	75	40	57	0	221	0	0	0	4	300
30	152	76	64	70	97	54	75	0	134	0	59	0	0	164
31	153	79	59	69	95	39	67	0	351	0	1	0	7	257
Sums		2577	2005	2283	2701	1308	1997	0	4218	0	532	0	818	9267
Average		83.1	64.7	73.6	87.1	42.2	64.4	0.000	136.1	0.0	0.17	0.0	26.4	0.299

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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	123	77	65	75	67	75	68	74	69	80	64	79	66	77	67	75	68
2	124	87	68	81	69	81	69	78	69	93	67	89	69	85	69	79	69
3	125	94	72	86	72	84	71	80	71	99	72	94	73	90	72	82	71
4	126	93	73	85	74	85	74	82	74	99	73	92	74	89	75	83	74
5	127	94	69	86	71	86	73	83	74	99	68	95	71	90	73	85	74
6	128	97	73	88	74	86	73	83	74	102	73	96	74	91	74	84	73
7	129	99	74	89	75	90	75	86	75	106	74	100	76	94	76	88	75
8	130	98	75	88	76	88	77	84	76	104	75	98	77	93	77	86	77
9	131	95	73	86	74	85	75	83	76	101	73	93	74	88	75	88	76
10	132	98	77	89	76	90	76	86	76	104	77	99	78	94	76	88	76
11	133	96	76	88	77	87	78	84	78	102	75	97	77	92	78	85	78
12	134	90	70	84	72	83	73	81	74	94	68	89	70	86	72	82	73
13	135	90	69	85	72	82	72	80	73	91	67	89	70	86	71	81	72
14	136	87	66	82	69	79	70	77	71	89	64	85	66	82	68	78	71
15	137	87	67	82	70	81	71	79	71	88	67	86	68	83	70	80	71
16	138	87	67	84	68	82	70	79	71	88	67	85	68	83	70	80	72
17	139	81	71	77	72	77	72	76	72	85	70	81	71	79	72	76	72
18	140	89	69	85	72	83	72	81	72	91	67	89	70	86	71	82	72
19	141	93	72	87	73	85	72	82	73	98	71	94	73	90	72	84	72
20	142	93	72	86	74	84	74	80	75	98	71	93	73	88	74	82	74
21	143	92	70	86	72	85	73	82	74	95	68	91	70	88	72	84	73
22	144	92	72	85	73	84	73	81	74	97	70	92	72	88	73	83	73
23	145	85	74	81	74	81	74	79	74	88	73	86	74	83	74	80	74
24	146	87	69	83	72	81	72	80	73	90	67	86	69	84	71	80	73
25	147	90	71	84	73	85	72	82	73	93	70	91	72	87	73	83	73
26	148	96	71	87	73	88	74	84	74	101	70	96	72	92	74	86	74
27	149	97	74	88	75	87	74	84	75	100	73	96	75	92	74	86	75
28	150	95	74	88	75	81	76	84	77	98	73	95	74	91	75	86	76
29	151	89	70	85	73	85	73	83	74	90	68	90	70	88	72	84	74
30	152	83	69	79	71	79	71	78	72	86	67	82	69	80	70	78	72
31	153	88	67	83	70	82	71	80	72	90	64	88	67	85	69	81	71
Sums		2819	2199	2622	2248	2591	2278	2515	2276	2939	2166	2816	2222	2704	2249	2559	2268
Averages		90.9	70.9	84.6	72.5	83.6	73.5	81.1	73.4	94.8	69.9	90.8	71.7	87.2	72.5	82.5	73.2

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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	123	0	27		2
2	124	0	32		7
3	125	0	40		15
4	126	0	35		10
5	127	0	31		6
6	128	0	35		10
7	129	0	39		14
8	130	0	38		13
9	131	0	36		11
10	132	0	41		16
11	133	0	39		14
12	134	0	35		10
13	135	0	32		7
14	136	0	28		3
15	137	0	28		3
16	138	0	34		9
17	139	0	33		8
18	140	0	30		5
19	141	0	36		11
20	142	0	40		15
21	143	0	31		6
22	144	0	30		5
23	145	0	32		7
24	146	0	31		6
25	147	0	31		6
26	148	0	33		8
27	149	0	37		12
28	150	0	37		12
29	151	0	33		8
30	152	0	30		5
31	153	0	29		4
Sums for month		0	1043		268

0 Accumulated heating degree days since July 1
 2464 Accumulated growing degree days since Jan. 1
 432 Accumulated cooling degree days since Apr. 1