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 September 2019

Mo. Day	Cl. Day	Air Temp. F Max	Min	Avg	Rel. Hum. Pct Max	Min	Avg	VPD Thou In/Hg	Solar Rad Gm Cal/Cm2 Total	Diff	PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
1	185	69	51	60	93	44	68	16	441	0	0	0	0	136
2	186	74	58	66	96	52	74	14	284	0	70	0	0	222
3	187	71	59	65	98	59	78	10	309	0	13	0	0	169
4	188	75	61	68	89	53	71	22	394	0	25	0	0	205
5	189	75	52	63	94	49	71	17	371	0	1	0	0	214
6	190	70	49	59	98	42	70	13	432	0	1	0	0	164
7	191	71	51	61	97	40	68	14	448	0	3	0	0	154
8	192	67	54	60	95	53	74	13	384	0	11	0	0	192
9	193	66	46	56	98	53	75	10	342	0	2	0	0	160
10	194	65	47	56	96	50	73	10	429	0	2	0	0	154
11	195	81	50	65	97	50	73	24	407	0	21	0	0	172
12	196	82	58	70	95	55	75	16	388	0	5	0	0	232
13	197	63	50	56	98	60	79	11	244	0	0	0	0	83
14	198	66	51	58	93	55	74	17	331	0	15	0	0	179
15	199	75	53	64	95	44	69	17	340	0	1	0	0	173
16	200	73	57	65	98	49	73	8	243	0	17	0	0	104
17	201	68	47	57	97	43	70	11	368	0	0	0	0	127
18	202	69	45	57	97	35	66	15	438	0	0	0	0	136
19	203	69	46	57	96	36	66	14	427	0	0	0	0	96
20	204	69	48	58	96	38	67	18	441	0	0	0	0	94
21	205	74	48	61	96	37	66	18	413	0	0	0	0	96
22	206	78	58	68	94	36	65	24	410	0	0	0	0	22
23	207	85	63	74	78	42	60	34	302	0	0	0	0	128
24	208	75	56	65	93	59	76	213	116	0	57	0	0	116
25	209	64	50	57	97	45	71	10	282	0	4	0	0	160
26	210	77	51	64	87	43	65	26	339	0	0	0	0	162
27	211	69	46	57	95	37	66	10	188	0	7	0	0	112
28	212	70	46	58	74	36	55	29	395	0	0	0	0	110
29	213	77	53	65	95	50	72	16	258	0	10	0	0	278
30	214	59	49	54	94	45	69	13	340	0	3	0	0	156
Sums		2146	1553	1844	2819	1390	2099	683	10504	0	268	0	0	4506
Average		71.5	51.8	61.5	94.0	46.3	70.0	0.023	350.1	0.0	0.09	0.0	0.0	0.150

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		Soil Temperature F															
		Sod								Bare							
Mo.	Cl.	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
Day	Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	185	77	63	74	64	74	65	73	66	84	61	80	62	77	63	74	65
2	186	72	63	70	64	70	65	70	66	81	62	76	63	72	64	70	65
3	187	76	65	74	66	73	66	72	67	80	63	77	64	74	65	72	66
4	188	77	67	74	67	74	67	72	67	82	66	79	66	76	66	73	67
5	189	77	61	74	64	73	64	72	66	80	56	77	59	75	62	72	64
6	190	76	62	74	64	74	65	73	66	81	57	78	59	77	62	74	65
7	191	76	63	73	64	73	64	71	65	84	61	80	61	76	63	72	64
8	192	74	61	72	63	72	64	71	65	79	57	75	59	74	62	72	64
9	193	73	60	70	61	70	62	69	64	77	54	73	57	71	60	69	63
10	194	74	60	71	61	71	62	70	63	80	55	76	58	73	60	71	62
11	195	76	61	73	62	72	62	71	63	85	61	81	59	76	61	71	63
12	196	82	67	78	68	76	68	72	68	87	65	84	66	79	68	75	68
13	197	70	59	70	61	71	62	70	64	72	55	71	57	71	60	70	63
14	198	68	60	66	61	67	62	67	64	73	59	70	59	68	60	66	63
15	199	74	61	72	63	71	64	70	64	78	58	76	60	73	62	70	64
16	200	75	63	71	63	70	63	69	64	80	63	75	61	71	62	69	64
17	201	74	59	71	61	72	62	70	63	79	54	76	56	73	59	71	62
18	202	74	59	71	61	71	62	70	63	80	54	75	57	73	59	70	62
19	203	72	58	70	60	70	61	69	63	80	54	76	56	73	59	70	62
20	204	70	59	68	60	70	61	69	62	79	55	75	57	72	59	69	61
21	205	74	60	71	60	72	61	71	63	83	58	72	58	75	60	71	61
22	206	76	63	73	63	74	63	72	64	86	62	81	61	77	62	73	63
23	207	79	66	75	65	74	66	73	66	86	67	82	66	78	65	74	66
24	208	73	61	71	63	70	64	69	65	77	58	74	60	72	62	70	64
25	209	69	59	68	61	68	62	68	63	72	55	69	57	69	60	68	62
26	210	73	61	71	61	70	62	69	63	78	60	75	58	72	60	69	62
27	211	69	57	69	59	68	60	68	62	72	52	70	55	69	58	68	60
28	212	76	58	66	59	66	59	66	60	73	56	69	55	68	57	66	60
29	213	73	63	70	63	68	63	67	63	79	60	74	61	71	63	68	63
30	214	70	60	68	61	67	62	67	63	73	57	70	59	69	60	69	62
Sums		2219	1839	2138	1873	2131	1893	2100	1925	2380	1755	2266	1786	2194	1843	2116	1900
Averages		74.0	61.3	71.3	62.4	71.0	63.1	70.0	64.2	79.3	58.5	75.5	59.5	73.1	61.4	70.5	63.3

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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	185	5	20		0
2	186	0	26		1
3	187	0	25		0
4	188	0	28		3
5	189	2	23		0
6	190	6	19		0
7	191	4	21		0
8	192	5	20		0
9	193	9	16		0
10	194	9	16		0
11	195	0	25		0
12	196	0	30		5
13	197	9	16		0
14	198	7	18		0
15	199	1	24		0
16	200	0	25		0
17	201	8	17		0
18	202	8	17		0
19	203	8	17		0
20	204	7	18		0
21	205	4	21		0
22	206	0	28		3
23	207	0	34		9
24	208	0	25		0
25	209	8	17		0
26	210	1	24		0
27	211	8	17		0
28	212	7	18		0
29	213	0	25		0
30	214	11	14		0
Sums for month		127	644		21

155 Accumulated heating degree days since July 1
3845 Accumulated growing degree days since Jan. 1
397 Accumulated cooling degree days since Apr. 1