

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

2016

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	62	60	45	52	94	32	63	15	460	0	5	0	0	
2	63	53	43	48	96	73	84	4	118	0	5	0	0	
3	64	47	36	41	96	77	86	3	164	0	67	0	0	
4	65	55	40	47	91	51	71	1	328	0	0	0	61	
5	66	62	47	54	93	39	66	12	394	0	0	27	151	
6	67	62	44	53	81	53	67	13	405	0	0	80	182	
7	68	57	46	51	95	43	69	11	313	0	17	54	140	
8	69	65	42	53	84	38	61	19	571	0	2	56	360	
9	70	55	38	46	79	34	56	14	473	0	3	77	23	
10	71	57	33	45	89	28	58	15	628	0	0	29	118	
11	72	62	36	49	80	24	52	20	589	0	0	12	257	
12	73	69	37	53	78	25	51	25	543	0	0	20	199	
13	74	80	46	63	91	29	60	33	514	0	15	81	280	
14	75	70	48	59	89	45	67	18	513	0	25	70	12	
15	76	65	37	51	83	46	64	15	255	0	5	119	111	
16	77	47	35	41	70	40	55	11	368	0	2	108	125	
17	78	60	38	49	80	26	53	22	595	0	0	95	263	
18	79	59	40	49	79	27	53	16	369	0	0	38	138	
19	80	59	36	47	91	40	65	12	603	0	0	21	180	
20	81	67	45	56	71	29	50	24	536	0	0	55	213	
21	82	72	49	60	75	22	48	32	614	0	0	15	262	
22	83	68	49	58	91	38	64	16	283	0	2	46	208	
23	84	68	52	60	78	43	60	20	463	0	0	53	0	
24	85	76	56	66	57	22	39	40	672	0	0	54	162	
25	86	79	57	68	55	17	36	53	660	0	0	63	276	
26	87	85	56	70	81	26	53	46	518	0	0	54	340	
27	88	84	64	74	82	35	58	34	398	0	1	32	284	
28	89	83	63	73	88	52	70	28	530	0	0	50	78	
29	90	89	66	77	86	33	59	40	494	0	0	45	392	
30	91	83	62	72	91	52	71	17	319	0	47	59	288	
31	92	81	55	68	91	35	63	31	626	0	0	58	330	
Sums		2079	1441	1753	2585	1174	1872	660	14316	0	196	0	1471	5433
Average		67.1	46.5	56.5	83.4	37.9	60.4	0.021	461.8	0.0	0.06	0.0	47.5	0.175

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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	65	52	60	52	57	52	56	52	70	51	66	52	61	52	58	56
2	63	57	51	57	51	57	51	57	51	57	50	57	50	57	51	56	51
3	64	57	53	57	54	57	54	58	54	58	49	57	50	56	52	57	49
4	65	59	54	58	54	56	53	56	52	63	52	61	52	58	52	56	52
5	66	64	55	61	54	58	54	57	53	69	55	66	54	62	54	58	53
6	67	62	55	60	55	58	56	58	55	64	51	64	53	61	54	58	55
7	68	61	55	58	55	57	54	56	54	61	53	61	53	58	54	57	53
8	69	65	55	62	55	59	54	58	53	69	51	68	53	63	54	58	53
9	70	65	55	62	56	59	55	59	55	63	50	64	52	61	54	59	55
10	71	66	54	63	55	60	55	60	55	67	49	67	51	64	53	60	54
11	72	66	54	64	54	62	55	61	55	71	50	71	51	67	53	61	54
12	73	67	55	64	55	61	55	60	55	74	52	72	53	67	54	62	55
13	74	68	56	65	56	62	55	60	55	77	56	75	55	69	55	63	55
14	75	71	58	67	58	64	58	63	58	74	55	72	55	69	57	65	57
15	76	61	55	61	56	60	56	60	57	62	47	61	49	60	52	59	55
16	77	60	53	59	54	59	54	59	55	56	46	57	48	57	50	58	53
17	78	61	54	60	54	58	53	58	53	66	50	65	50	62	50	58	51
18	79	62	53	60	54	59	55	58	55	64	50	64	51	62	54	59	55
19	80	66	54	63	55	61	55	60	55	70	51	70	53	66	55	62	55
20	81	66	54	64	55	62	56	61	55	70	52	71	53	65	54	63	55
21	82	74	58	70	57	66	56	64	56	82	57	80	57	74	57	67	56
22	83	66	58	64	58	61	58	60	57	71	56	69	57	65	58	61	58
23	84	70	57	67	58	64	58	62	58	74	56	73	57	68	58	64	58
24	85	76	58	72	58	69	59	66	58	82	57	81	59	76	60	70	59
25	86	76	60	73	60	70	60	67	60	84	59	83	61	77	62	70	61
26	87	75	62	72	62	69	62	67	62	82	63	82	63	76	63	70	63
27	88	73	64	70	63	68	62	67	62	78	65	77	65	73	64	69	63
28	89	79	65	76	65	73	64	70	63	85	67	84	68	79	66	73	64
29	90	81	69	77	67	75	66	72	65	88	70	86	70	81	68	75	66
30	91	80	66	76	66	73	66	70	65	85	65	83	65	78	66	73	65
31	92	83	66	81	66	75	66	72	66	85	63	86	64	81	66	75	66
Sums		2102	1768	2023	1772	1949	1767	1912	1759	2221	1698	2193	1724	2073	1752	1954	1755
Averages		67.8	57.0	65.3	57.2	62.9	57.0	61.7	56.7	71.6	54.8	70.7	55.6	66.9	56.5	63.0	56.6

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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	13	12		0
2	63	17	8		0
3	64	24	1		0
4	65	18	7		0
5	66	11	14		0
6	67	12	13		0
7	68	14	11		0
8	69	12	13		0
9	70	19	6		0
10	71	20	5		0
11	72	16	9		0
12	73	12	13		0
13	74	2	23		0
14	75	6	19		0
15	76	14	11		0
16	77	24	1		0
17	78	16	9		0
18	79	16	9		0
19	80	18	7		0
20	81	9	16		0
21	82	5	20		0
22	83	7	18		0
23	84	5	20		0
24	85	0	26		1
25	86	0	28		3
26	87	0	30		5
27	88	0	34		9
28	89	0	33		8
29	90	0	37		12
30	91	0	32		7
31	92	0	28		3
Sums for month		310	513		48

6353 Accumulated heating degree days since July 1
 790 Accumulated growing degree days since Jan. 1
 48 Accumulated cooling degree days since Apr. 1