

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

2012

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	58	36	47	0	0	0	22	273	181	58	0	170	
2	63	59	46	52	0	0	0	32	187	176	3	0	99	
3	64	72	49	60	0	0	0	30	349	236	8	0	131	
4	65	77	56	66	0	0	0	37	411	196	38	0	274	
5	66	74	47	60	0	0	0	14	397	258	0	0	262	
6	67	57	41	49	0	0	0	18	521	202	0	0	202	
7	68	66	45	55	0	0	0	28	578	89	0	0	209	
8	69	64	48	56	0	0	0	36	160	158	57	0	97	
9	70	66	52	59	0	0	0	39	146	139	31	0	53	
10	71	67	46	56	0	0	0	14	282	237	1	0	177	
11	72	57	42	49	0	0	0	28	303	225	0	0	176	
12	73	66	47	56	0	0	0	28	616	84	0	0	359	
13	74	78	55	66	0	0	0	41	555	142	0	0	316	
14	75	72	55	63	0	0	0	56	430	224	4	0	201	
15	76	70	56	63	0	0	0	44	409	294	0	0	129	
16	77	76	54	65	0	0	0	42	430	248	0	0	134	
17	78	77	41	59	0	0	0	56	438	257	0	0	237	
18	79	62	38	50	0	0	0	36	620	177	0	0	251	
19	80	73	47	60	80	73	76	30	602	190	0	0	255	
20	81	83	52	67	0	0	0	42	595	198	0	0	363	
21	82	86	60	73	0	0	0	56	597	220	0	0	232	
22	83	80	59	69	0	0	0	73	553	259	0	0	279	
23	84	78	60	69	0	0	0	56	415	243	0	0	139	
24	85	77	57	67	0	0	0	53	407	284	0	0	161	
25	86	81	64	72	0	0	0	44	459	317	0	0	311	
26	87	87	63	75	0	0	0	46	528	351	0	0	474	
27	88	81	54	67	0	0	0	48	536	376	0	0	234	
28	89	80	59	69	0	0	0	52	442	381	0	0	230	
29	90	90	66	78	0	0	0	61	441	277	11	0	234	
30	91	89	62	75	0	0	0	42	277	274	41	0	247	
31	92	74	52	63	0	0	0	50	549	395	0	0	250	
Sums		2277	1609	1935	80	73	76	1254	13506	7288	252	0	6886	
Average		73.5	51.9	62.4	2.6	2.4	2.5	0.040	435.7	235.1	0.08	0.0	0.222	

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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	50	40	48	40	46	41	46	42	57	41	53	38	48	39	49	40
2	63	51	45	50	45	48	44	47	43	57	44	53	45	51	45	48	43
3	64	60	49	56	48	53	47	52	47	69	50	63	49	57	48	53	47
4	65	64	29	60	29	57	29	55	29	75	29	69	29	60	29	57	29
5	66	67	53	64	53	58	55	57	54	75	50	70	52	64	54	58	54
6	67	63	46	61	47	57	50	58	50	69	42	67	46	62	47	57	49
7	68	64	49	62	50	56	51	54	51	73	46	70	48	63	51	56	51
8	69	59	54	57	53	56	54	55	54	63	53	61	53	58	53	55	53
9	70	58	51	57	51	55	52	54	52	63	50	60	51	58	52	54	51
10	71	60	48	59	49	56	51	55	51	67	46	63	47	59	49	56	51
11	72	53	44	54	45	53	47	53	47	56	40	55	42	54	45	53	47
12	73	59	46	59	47	54	47	54	48	68	45	65	46	60	46	55	47
13	74	65	52	64	52	58	51	57	52	78	54	74	51	66	51	59	51
14	75	66	57	66	57	56	65	59	56	79	57	73	58	67	57	60	56
15	76	68	58	65	58	60	58	59	57	79	57	73	57	67	58	61	58
16	77	67	56	64	57	60	57	59	55	79	54	73	56	67	58	60	57
17	78	68	50	66	51	62	54	61	54	80	44	74	47	66	51	62	54
18	79	64	46	63	47	58	51	57	52	76	42	72	44	65	49	59	51
19	80	67	52	64	53	58	55	59	53	80	50	75	52	66	54	59	55
20	81	72	56	67	56	62	57	62	55	86	54	79	56	69	58	63	57
21	82	74	60	69	60	65	60	65	58	89	60	82	63	72	62	66	60
22	83	78	63	73	63	67	64	66	63	93	62	85	64	76	65	69	64
23	84	79	65	74	65	68	64	67	63	92	65	84	65	75	66	68	64
24	85	74	60	70	60	66	62	66	61	83	60	78	62	72	74	66	63
25	86	76	65	73	65	68	65	68	64	87	66	81	67	74	66	69	65
26	87	78	65	75	65	69	65	68	64	90	66	83	67	76	67	70	65
27	88	82	62	78	63	71	66	71	66	92	60	86	62	78	65	72	66
28	89	78	64	74	64	70	67	69	66	86	63	82	65	76	67	70	67
29	90	81	68	76	68	69	67	69	65	88	69	82	69	75	69	69	67
30	91	81	64	77	64	71	66	70	66	89	62	83	63	76	65	71	66
31	92	79	60	76	62	69	65	68	64	82	57	78	60	73	63	69	65
Sums		2105	1677	2021	1687	1876	1727	1860	1702	2400	1638	2246	1674	2050	1723	1893	1713
Averages		67.9	54.1	65.2	54.4	60.5	55.7	60.0	54.9	77.4	52.8	72.5	54.0	66.1	55.6	61.1	55.3

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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	62	18	7		0
2	63	13	12		0
3	64	5	20		0
4	65	0	26		1
5	66	5	20		0
6	67	16	9		0
7	68	10	15		0
8	69	9	16		0
9	70	6	19		0
10	71	9	16		0
11	72	16	9		0
12	73	9	16		0
13	74	0	26		1
14	75	2	23		0
15	76	2	23		0
16	77	0	25		0
17	78	6	19		0
18	79	15	10		0
19	80	5	20		0
20	81	0	27		2
21	82	0	33		8
22	83	0	29		4
23	84	0	29		4
24	85	0	27		2
25	86	0	32		7
26	87	0	35		10
27	88	0	27		2
28	89	0	29		4
29	90	0	38		13
30	91	0	35		10
31	92	2	23		0
Sums for month		148	695		68

5618 Accumulated heating degree days since July 1

1130 Accumulated growing degree days since Jan. 1

69 Accumulated cooling degree days since Apr. 1