

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

2014

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	53	43	48	94	75	84	5	94	82	66	0	0	
2	63	61	47	54	86	39	62	16	317	285	2	0	0	
3	64	62	42	52	78	46	62	14	289	261	5	0	0	
4	65	58	40	49	84	50	67	12	238	212	15	0	0	
5	66	55	39	47	79	35	57	14	521	461	0	0	0	
6	67	57	40	48	69	23	46	21	580	504	0	0	100	227
7	68	58	36	47	82	32	57	16	657	569	0	0	76	204
8	69	63	39	51	79	26	52	21	501	445	0	0	55	188
9	70	74	49	61	88	41	64	21	553	492	10	0	59	99
10	71	85	58	71	91	26	58	27	471	431	25	0	115	49
11	72	74	49	61	66	24	45	30	458	420	0	0	125	328
12	73	74	51	62	77	22	49	31	664	584	0	0	64	236
13	74	80	52	66	87	38	62	28	440	400	0	0	38	155
14	75	76	38	57	93	46	69	24	542	493	162	0	94	348
15	76	82	59	70	82	43	62	25	485	444	0	0	132	357
16	77	77	49	63	92	48	70	16	347	320	132	0	170	328
17	78	55	40	47	91	62	76	72	223	204	46	0	82	157
18	79	55	42	48	90	47	68	11	361	329	4	0	63	145
19	80	60	41	50	85	30	57	15	533	475	0	0	53	151
20	81	67	44	55	84	34	59	24	479	431	2	0	87	198
21	82	72	52	62	77	29	53	25	429	463	0	0	41	169
22	83	67	54	60	95	0	47	11	356	329	14	0	66	199
23	84	74	53	63	82	50	66	18	503	447	0	0	113	254
24	85	56	51	53	88	70	79	7	184	170	10	0	124	19
25	86	72	54	63	83	37	60	22	655	573	0	0	86	241
26	87	77	63	70	49	28	38	45	570	509	0	0	88	429
27	88	82	62	72	72	31	51	50	659	585	0	0	112	274
28	89	83	53	68	92	46	69	26	383	374	0	0	104	267
29	90	57	51	54	90	69	79	8	229	223	0	0	84	119
30	91	66	47	56	95	60	77	10	376	324	0	0	53	122
31	92	74	50	62	86	39	62	22	548	240	0	0	87	294
Sums		2106	1488	1790	2586	1246	1907	687	13645	12079	493	0	2271	5557
Average		67.9	48.0	57.7	83.4	40.2	61.5	0.022	440.2	389.6	0.16	0.0	73.3	0.179

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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	52	46	51	46	51	46	50	46	54	46	54	46	52	45	51	45
2	63	61	51	58	50	55	50	54	49	65	50	63	51	59	50	55	49
3	64	58	50	56	50	54	50	54	50	62	50	59	50	56	50	55	49
4	65	58	48	56	49	56	50	56	50	62	46	59	47	58	49	56	50
5	66	60	47	58	49	56	50	55	50	63	44	61	46	58	49	56	50
6	67	62	49	58	51	56	51	55	51	66	48	65	49	60	50	57	50
7	68	63	50	61	52	59	52	57	52	69	47	69	49	65	51	60	51
8	69	62	52	59	52	58	51	56	51	69	52	66	51	63	51	58	51
9	70	70	55	65	53	62	53	60	53	79	57	76	54	70	53	63	53
10	71	73	60	67	57	64	56	61	56	83	61	78	60	71	58	64	56
11	72	71	55	69	56	66	57	64	71	77	51	76	53	71	55	66	57
12	73	74	57	71	58	68	57	66	57	83	56	82	57	76	57	70	57
13	74	72	60	68	59	65	58	63	58	84	61	80	60	74	59	67	58
14	75	75	62	71	61	69	61	67	60	89	61	85	62	79	62	71	61
15	76	73	63	70	62	67	62	66	61	83	63	80	63	74	62	68	61
16	77	70	58	68	59	66	61	65	61	75	57	74	58	71	60	67	60
17	78	63	56	63	57	63	58	63	59	65	50	64	52	63	54	63	57
18	79	63	56	62	57	61	57	61	58	65	52	64	53	62	55	61	56
19	80	66	55	66	56	64	57	63	57	72	51	70	52	68	54	65	56
20	81	66	56	65	57	61	57	60	57	72	57	70	53	66	56	62	56
21	82	71	59	68	58	57	64	62	57	81	58	78	57	71	56	65	56
22	83	66	60	65	60	63	59	62	59	73	59	71	59	68	60	64	59
23	84	73	59	70	60	67	60	66	60	81	55	78	57	74	59	68	59
24	85	63	57	62	58	62	58	62	58	63	54	63	55	62	56	61	57
25	86	74	58	71	59	68	58	65	58	81	55	79	56	74	57	67	58
26	87	76	60	74	60	71	60	69	60	84	59	84	60	78	60	72	60
27	88	79	63	75	63	73	63	71	62	90	64	89	65	92	64	74	63
28	89	78	62	74	62	71	63	69	63	88	60	86	62	79	63	72	63
29	90	66	60	65	60	64	61	64	61	69	59	69	59	67	60	65	60
30	91	67	57	66	59	64	60	64	61	77	55	76	57	70	59	65	60
31	92	73	57	71	59	69	61	68	61	82	55	82	57	77	60	71	61
Sums		2098	1738	2023	1749	1950	1761	1918	1767	2306	1693	2250	1710	2128	1734	1979	1739
Averages		67.7	56.1	65.3	56.4	62.9	56.8	61.9	57.0	74.4	54.6	72.6	55.2	68.6	55.9	63.8	56.1

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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	17	8		0
2	63	11	14		0
3	64	13	12		0
4	65	16	9		0
5	66	18	7		0
6	67	17	8		0
7	68	18	7		0
8	69	14	11		0
9	70	4	21		0
10	71	0	31		6
11	72	4	21		0
12	73	3	22		0
13	74	0	26		1
14	75	8	17		0
15	76	0	30		5
16	77	2	23		0
17	78	18	7		0
18	79	17	8		0
19	80	15	10		0
20	81	10	15		0
21	82	3	22		0
22	83	5	20		0
23	84	2	23		0
24	85	12	13		0
25	86	2	23		0
26	87	0	30		5
27	88	0	32		7
28	89	0	28		3
29	90	11	14		0
30	91	9	16		0
31	92	3	22		0
Sums for month		252	550		27

7627 Accumulated heating degree days since July 1
 724 Accumulated growing degree days since Jan. 1
 33 Accumulated cooling degree days since Apr. 1