

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

2013

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	68	53	60	0	0	0	0	0	0	0	0	0	0
2	63	75	48	61	0	0	0	0	0	0	0	0	0	0
3	64	76	49	62	0	0	0	0	0	0	0	0	0	0
4	65	73	47	60	0	0	0	0	0	0	0	0	0	0
5	66	74	47	60	0	0	0	0	0	0	0	0	0	0
6	67	76	46	61	100	74	87	2	632	570	0	0	0	0
7	68	74	50	62	100	46	73	7	606	557	0	0	0	182
8	69	77	55	66	100	74	87	5	274	266	0	0	53	286
9	70	69	50	59	100	77	88	1	482	450	6	0	63	119
10	71	71	50	60	100	58	79	8	225	219	4	0	58	182
11	72	72	52	62	100	100	100	0	368	358	80	0	96	261
12	73	63	41	52	100	100	100	0	556	514	0	0	118	186
13	74	53	35	44	100	0	50	0	426	231	3	0	168	133
14	75	50	33	41	100	0	50	0	526	239	0	0	125	138
15	76	57	35	46	100	100	100	0	441	145	0	0	65	182
16	77	82	38	60	100	0	50	0	594	97	7	0	140	291
17	78	77	40	58	100	0	50	0	542	214	0	0	133	416
18	79	64	40	52	100	0	50	0	399	280	0	0	49	196
19	80	70	51	60	100	100	100	0	428	285	0	0	84	183
20	81	73	58	65	100	46	73	16	564	153	0	0	134	180
21	82	84	59	71	100	65	82	8	359	224	0	0	70	292
22	83	83	62	72	100	100	100	0	430	162	116	0	47	324
23	84	85	63	74	100	100	100	0	264	214	0	0	79	241
24	85	75	39	57	100	100	100	0	206	205	58	0	108	155
25	86	48	38	43	100	100	100	0	569	262	7	0	138	101
26	87	56	42	49	100	100	100	0	644	119	0	0	157	235
27	88	61	47	54	100	100	100	0	608	122	0	0	135	298
28	89	70	48	59	100	100	100	0	170	168	0	0	56	226
29	90	65	51	58	100	100	100	0	421	254	88	0	104	113
30	91	83	61	72	100	100	100	0	561	211	14	0	74	209
31	92	87	64	75	100	0	50	0	589	189	0	0	55	303
Sums		2191	1492	1835	2600	1740	2169	47	11884	6708	383	0	2309	5432
Average		70.7	48.1	59.2	83.9	56.1	70.0	0.002	383.4	216.4	0.12	0.0	74.5	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	81	50	70	53	65	55	62	55	81	52	77	55	70	55	64	55
2	63	84	54	73	54	69	56	66	56	84	55	79	55	73	57	68	57
3	64	84	51	73	54	67	58	65	58	84	53	79	56	73	58	67	58
4	65	85	53	74	55	70	58	67	58	86	55	80	56	75	58	69	58
5	66	87	52	75	55	71	59	68	59	88	54	82	56	76	59	70	59
6	67	85	55	74	56	69	59	66	59	86	56	80	57	75	59	68	59
7	68	88	60	77	59	73	60	70	60	89	60	84	60	78	61	72	60
8	69	75	55	69	57	67	60	65	61	76	56	73	58	70	60	66	60
9	70	84	55	73	58	68	60	66	60	83	57	77	58	72	60	67	60
10	71	73	59	66	59	64	60	63	60	73	60	69	60	66	60	63	60
11	72	73	50	67	55	63	58	62	59	71	61	69	54	67	63	69	63
12	73	67	44	63	50	60	55	61	57	65	45	64	5	62	53	61	56
13	74	66	45	59	50	54	58	55	59	64	46	49	61	59	52	59	54
14	75	77	49	65	50	62	52	61	53	75	50	71	50	66	52	62	53
15	76	78	49	67	51	63	53	61	53	76	50	72	51	67	52	62	53
16	77	83	52	72	56	67	58	65	57	83	54	78	57	73	59	67	58
17	78	83	53	71	56	68	58	66	59	82	54	77	57	73	59	68	59
18	79	79	57	69	57	66	58	63	59	79	58	75	57	71	58	65	59
19	80	81	59	71	58	66	59	64	60	81	60	76	60	71	60	65	60
20	81	94	64	80	62	75	62	71	62	71	62	94	64	89	63	74	62
21	82	88	65	78	66	74	67	71	66	88	66	82	67	77	67	73	67
22	83	89	66	79	66	75	66	72	66	88	67	85	67	80	67	74	66
23	84	82	53	75	58	70	62	69	64	79	52	76	56	73	60	70	63
24	85	60	48	60	53	63	56	64	59	56	47	68	51	61	54	64	57
25	86	72	48	66	53	61	56	60	57	65	48	66	51	63	54	65	61
26	87	76	50	69	54	64	56	62	57	74	52	72	52	68	54	64	56
27	88	87	55	74	57	70	57	67	58	84	56	81	55	76	57	70	58
28	89	66	67	63	57	61	59	61	59	65	58	64	58	62	59	61	59
29	90	85	62	77	61	70	60	68	60	83	62	78	61	73	61	69	60
30	91	90	66	82	66	76	65	73	64	89	68	87	66	82	65	76	65
31	92	96	67	86	69	80	68	77	67	97	70	93	70	87	9	80	68
Sums		2498	1713	2217	1765	2091	1828	2031	1841	2445	1744	2357	1741	2228	1765	2092	1843
Averages		80.6	55.3	71.5	56.9	67.5	59.0	65.5	59.4	78.9	56.3	76.0	56.2	71.9	56.9	67.5	59.5

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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	5	20		0
2	63	4	21		0
3	64	3	22		0
4	65	5	20		0
5	66	5	20		0
6	67	4	21		0
7	68	3	22		0
8	69	0	26		1
9	70	6	19		0
10	71	5	20		0
11	72	3	22		0
12	73	13	12		0
13	74	21	4		0
14	75	24	1		0
15	76	19	6		0
16	77	5	20		0
17	78	7	18		0
18	79	13	12		0
19	80	5	20		0
20	81	0	25		0
21	82	0	31		6
22	83	0	32		7
23	84	0	34		9
24	85	8	17		0
25	86	22	3		0
26	87	16	9		0
27	88	11	14		0
28	89	6	19		0
29	90	7	18		0
30	91	0	32		7
31	92	0	35		10
Sums for month		220	595		40

6545 Accumulated heating degree days since July 1

826 Accumulated growing degree days since Jan. 1

40 Accumulated cooling degree days since Apr. 1