

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

2015

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	67	41	54	77	30	53	21	608	0	0	0	0	
2	63	64	44	54	62	34	48	25	608	0	0	0	0	
3	64	70	47	58	71	21	46	30	634	0	0	0	0	
4	65	76	51	63	65	22	43	39	587	0	0	0	0	
5	66	83	54	68	87	21	54	0	32	0	0	0	218	
6	67	69	51	60	79	40	59	21	412	0	0	44	180	
7	68	70	49	59	93	32	62	20	613	0	0	47	234	
8	69	78	51	64	90	40	65	21	636	0	0	57	216	
9	70	86	53	69	83	19	51	48	600	0	5	57	276	
10	71	84	63	73	74	31	52	40	522	0	0	104	211	
11	72	85	63	74	93	47	70	16	303	0	121	77	265	
12	73	82	63	72	92	48	70	16	389	0	46	89	287	
13	74	69	44	56	84	49	66	18	580	0	0	193	351	
14	75	69	41	55	86	40	63	12	369	0	2	137	133	
15	76	63	42	52	85	25	55	19	680	0	0	49	243	
16	77	67	46	56	93	35	64	18	326	0	20	75	82	
17	78	75	56	65	93	60	76	16	361	0	0	61	193	
18	79	78	58	68	88	45	66	22	635	81	0	34	160	
19	80	82	62	72	93	59	76	18	484	0	39	54	228	
20	81	74	40	57	85	41	63	19	591	0	0	151	364	
21	82	55	40	47	76	29	52	16	563	0	0	105	206	
22	83	63	46	54	64	25	44	26	581	0	0	80	207	
23	84	58	33	45	78	28	53	17	540	0	0	110	205	
24	85	65	40	52	64	18	41	27	715	0	0	50	279	
25	86	78	57	67	79	16	47	42	544	0	0	60	318	
26	87	85	60	72	77	29	53	40	471	0	0	64	189	
27	88	82	65	73	81	47	64	32	470	0	0	85	276	
28	89	83	63	73	80	38	59	33	419	0	2	89	67	
29	90	73	50	61	92	43	67	20	582	0	0	84	335	
30	91	80	53	66	73	40	56	38	589	0	0	93	442	
31	92	68	38	53	94	41	67	17	393	0	158	101	368	
Sums		2281	1564	1912	2531	1093	1805	747	15837	81	393	0	6533	
Average		73.6	50.5	61.7	81.6	35.3	58.2	0.024	510.9	2.6	0.13	0.0	0.211	

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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	67	51	65	53	60	52	58	52	72	48	72	50	65	53	60	52
2	63	66	52	64	53	60	54	59	54	72	50	71	52	66	54	60	54
3	64	71	55	68	54	64	54	62	54	79	53	78	54	71	54	67	54
4	65	73	56	71	56	67	56	64	56	81	56	80	57	74	56	67	56
5	66	72	58	69	57	63	57	61	57	82	58	80	58	71	57	63	57
6	67	71	59	69	59	65	59	63	58	78	58	77	59	70	60	65	59
7	68	72	58	69	58	66	58	65	58	80	56	79	57	73	58	69	58
8	69	77	59	75	58	69	58	67	58	86	59	85	60	78	58	70	58
9	70	80	63	77	61	71	61	69	61	90	64	90	64	80	62	73	61
10	71	74	64	72	63	68	63	66	62	82	65	82	65	76	64	69	63
11	72	76	65	73	64	68	63	66	63	83	64	82	64	74	64	68	63
12	73	76	65	73	65	70	63	68	63	82	64	80	64	75	65	70	63
13	74	74	58	71	59	68	60	66	61	76	53	76	54	72	57	67	60
14	75	65	54	65	56	64	57	64	58	63	48	65	49	64	53	64	57
15	76	73	57	70	58	67	58	65	58	76	54	78	54	73	56	67	57
16	77	65	59	64	58	62	58	61	58	69	57	68	57	65	56	61	57
17	78	72	60	70	60	67	59	65	59	77	58	76	59	72	59	67	59
18	79	81	63	77	62	73	61	70	61	86	64	87	63	80	62	73	61
19	80	78	67	76	66	73	65	70	64	84	66	85	66	79	66	73	64
20	81	79	60	76	61	72	62	70	63	80	51	81	54	76	58	71	61
21	82	70	58	68	59	67	60	66	60	70	53	73	55	69	57	66	59
22	83	73	57	70	58	66	59	64	60	79	53	79	55	72	57	65	58
23	84	68	55	66	57	63	58	64	60	70	49	72	51	67	55	63	58
24	85	74	56	71	57	68	58	67	59	79	53	80	54	74	55	68	59
25	86	75	60	73	60	68	60	66	60	83	62	83	61	76	60	68	59
26	87	75	63	75	62	69	61	67	61	84	64	83	64	75	63	69	62
27	88	79	66	75	66	70	65	69	65	87	66	86	67	78	67	71	65
28	89	80	65	78	65	73	65	72	65	86	65	87	65	80	66	74	65
29	90	79	62	76	63	73	64	72	64	82	60	85	62	79	63	74	64
30	91	77	65	75	64	71	63	69	64	85	67	85	66	78	64	71	64
31	92	81	64	78	65	73	66	71	66	89	58	89	60	81	64	81	66
Sums		2293	1854	2219	1857	2098	1857	2046	1862	2472	1796	2474	1820	2283	1843	2114	1853
Averages		74.0	59.8	71.6	59.9	67.7	59.9	66.0	60.1	79.7	57.9	79.8	58.7	73.6	59.5	68.2	59.8

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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	11	14		0
2	63	11	14		0
3	64	7	18		0
4	65	2	23		0
5	66	0	28		3
6	67	5	20		0
7	68	6	19		0
8	69	1	24		0
9	70	0	29		4
10	71	0	33		8
11	72	0	34		9
12	73	0	32		7
13	74	9	16		0
14	75	10	15		0
15	76	13	12		0
16	77	9	16		0
17	78	0	25		0
18	79	0	28		3
19	80	0	32		7
20	81	8	17		0
21	82	18	7		0
22	83	11	14		0
23	84	20	5		0
24	85	13	12		0
25	86	0	27		2
26	87	0	32		7
27	88	0	33		8
28	89	0	33		8
29	90	4	21		0
30	91	0	26		1
31	92	12	13		0
Sums for month		170	672		67

7609 Accumulated heating degree days since July 1

829 Accumulated growing degree days since Jan. 1

67 Accumulated cooling degree days since Apr. 1