

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

September 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	Gm Cal/Cm2	Hund	Tnth	1.5 Ft	Thou In	
								In/Hg	Total	Diff	Ins	Ins	Evap	
1	185	75	48	61	94	71	82	13	226	0	0	0	125	
2	186	82	69	75	89	60	74	22	488	0	0	0	275	
3	187	83	63	73	92	55	73	15	285	0	28	0	175	
4	188	78	59	68	90	43	66	21	502	0	0	0	221	
5	189	84	60	72	92	41	66	21	418	0	0	0	156	
6	190	89	66	77	91	43	67	31	467	0	10	0	196	
7	191	74	54	64	88	68	78	13	144	0	0	0	81	
8	192	71	46	58	94	44	69	13	498	0	0	0	159	
9	193	75	49	62	83	43	63	23	512	0	0	0	189	
10	194	74	55	64	75	60	67	20	447	0	0	0	210	
11	195	75	60	67	92	66	79	11	316	0	5	0	150	
12	196	71	49	60	94	50	72	8	169	0	10	0	160	
13	197	59	41	50	93	53	73	7	244	0	0	0	106	
14	198	66	42	54	83	43	63	14	238	0	28	0	60	
15	199	60	45	52	85	43	64	14	429	0	0	0	125	
16	200	68	50	59	93	40	66	13	398	0	26	0	159	
17	201	65	46	55	90	45	67	12	349	0	1	0	155	
18	202	67	47	57	89	40	64	15	372	0	0	0	95	
19	203	61	36	48	94	70	82	6	222	0	0	0	91	
20	204	60	35	47	83	40	61	14	470	0	0	0	215	
21	205	76	59	67	80	56	68	20	346	0	0	0	38	
22	206	79	48	63	92	51	71	19	192	0	23	0	96	
23	207	56	43	49	87	48	67	10	253	0	2	0	157	
24	208	70	43	56	93	43	68	14	438	0	0	0	102	
25	209	73	47	60	90	45	67	16	434	0	0	0	156	
26	210	68	48	58	94	50	72	11	336	0	0	0	110	
27	211	74	48	61	92	47	69	15	413	0	0	0	162	
28	212	77	50	63	94	41	67	16	414	0	0	0	111	
29	213	79	54	66	93	42	67	17	383	0	0	0	130	
30	214	78	51	64	94	37	65	17	392	0	0	0	124	
Sums		2167	1511	1830	2693	1478	2077	461	10795	0	133	0	4289	
Average		72.2	50.4	61.0	89.8	49.3	69.2	0.015	359.8	0.0	0.04	0.0	0.143	

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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	185	82	70	79	69	77	69	76	69	85	70	86	69	81	69	77	69
2	186	81	66	78	67	76	68	74	68	84	63	84	64	80	66	75	68
3	187	84	68	83	69	80	69	79	70	86	65	88	66	85	68	80	69
4	188	84	70	83	70	80	69	78	69	87	68	89	67	85	68	80	69
5	189	84	71	82	71	80	71	78	71	88	70	90	71	85	70	80	70
6	190	73	61	73	63	73	65	73	66	72	56	72	57	72	61	72	64
7	191	78	61	77	63	75	65	75	66	79	57	82	58	79	62	75	64
8	192	75	63	73	64	72	65	71	66	77	59	80	60	76	62	72	64
9	193	74	64	72	65	70	65	70	66	78	62	79	63	75	63	71	65
10	194	73	66	72	66	70	66	69	67	77	65	77	65	74	65	70	66
11	195	70	59	70	60	69	62	69	63	72	55	71	56	70	59	69	62
12	196	67	56	67	58	67	60	67	62	67	52	68	53	67	57	66	60
13	197	69	54	68	56	67	58	67	59	68	50	70	51	70	54	67	58
14	198	72	57	71	58	68	59	67	60	74	53	76	54	72	55	68	58
15	199	71	59	69	60	67	61	66	62	73	56	75	57	71	59	67	60
16	200	70	55	69	56	69	58	69	59	70	50	72	51	70	54	69	58
17	201	72	55	71	57	69	58	69	59	74	51	75	52	72	55	69	58
18	202	63	52	63	54	62	56	62	58	62	47	63	48	62	51	62	56
19	203	65	53	65	54	64	56	64	57	67	49	69	49	67	52	64	55
20	204	68	59	67	59	65	59	65	59	71	59	72	58	69	58	65	58
21	205	71	56	69	57	67	59	67	59	74	52	74	54	69	56	67	58
22	206	62	53	62	54	62	56	63	57	62	48	63	49	61	52	62	55
23	207	72	55	71	55	69	57	68	58	75	52	77	52	73	53	69	56
24	208	69	58	68	58	67	59	66	60	73	55	74	56	70	57	67	59
25	209	68	56	67	57	66	59	65	60	71	53	72	54	69	57	66	59
26	210	73	57	71	58	69	59	68	60	76	54	79	55	74	57	69	59
27	211	75	60	73	60	71	61	70	61	80	57	82	58	76	59	71	60
28	212	75	61	73	61	70	62	69	63	80	59	82	59	76	61	70	62
29	213	75	60	74	61	72	63	71	64	79	58	81	59	77	61	72	63
30	214	76	62	73	62	70	63	69	63	80	60	81	61	75	62	70	63
Sums		2191	1797	2153	1822	2103	1857	2084	1881	2261	1705	2303	1726	2202	1783	2101	1845
Averages		73.0	59.9	71.8	60.7	70.1	61.9	69.5	62.7	75.4	56.8	76.8	57.5	73.4	59.4	70.0	61.5

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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	185	4	21		0
2	186	0	35		10
3	187	0	33		8
4	188	0	28		3
5	189	0	32		7
6	190	0	37		12
7	191	1	24		0
8	192	7	18		0
9	193	3	22		0
10	194	1	24		0
11	195	0	27		2
12	196	5	20		0
13	197	15	10		0
14	198	11	14		0
15	199	13	12		0
16	200	6	19		0
17	201	10	15		0
18	202	8	17		0
19	203	17	8		0
20	204	18	7		0
21	205	0	27		2
22	206	2	23		0
23	207	16	9		0
24	208	9	16		0
25	209	5	20		0
26	210	7	18		0
27	211	4	21		0
28	212	2	23		0
29	213	0	26		1
30	214	1	24		0
Sums for month		165	630		45
286	Accumulated heating degree days since July 1				
3816	Accumulated growing degree days since Jan. 1				
368	Accumulated cooling degree days since Apr. 1				