

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

October 2015

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Total	Diff				
1	215	55	42	48	92	61	76	8	0	0	23	0	137	84
2	216	52	39	45	82	54	68	11	0	0	0	0	113	124
3	217	48	38	43	77	51	64	11	368	0	0	0	110	245
4	218	50	39	44	88	56	72	9	0	0	3	0	78	39
5	219	61	44	52	90	50	70	12	0	0	0	0	55	14
6	220	64	44	54	94	70	82	0	88	15	0	0	55	81
7	221	58	48	53	90	51	70	14	0	275	3	0	40	34
8	223	62	47	54	93	68	80	6	122	96	55	0	48	131
9	224	64	41	52	89	45	67	10	596	331	44	0	91	100
10	225	56	42	49	78	28	53	22	0	348	0	0	46	157
11	226	73	43	58	88	29	58	29	334	330	0	0	54	72
12	227	74	49	61	90	53	71	14	165	0	0	0	104	181
13	228	67	52	59	91	64	77	8	122	0	11	0	125	142
14	229	52	38	45	83	33	58	15	326	0	0	0	66	54
15	230	64	39	51	89	42	65	9	244	0	6	0	103	114
16	231	56	33	44	93	33	63	7	248	0	10	0	120	97
17	232	43	30	36	87	41	64	6	215	0	0	0	86	49
18	233	41	29	35	69	35	52	20	653	297	0	0	31	186
19	234	58	30	44	86	35	60	21	0	126	3	0	78	93
20	235	66	52	59	80	46	63	18	0	145	1	0	37	103
21	236	65	51	58	79	51	65	13	0	102	6	0	33	64
22	237	65	35	50	92	45	68	8	271	249	0	0	80	101
23	238	47	32	39	89	55	72	10	84	67	0	0	64	105
24	239	52	32	42	90	53	71	9	169	0	33	0	184	28
25	240	52	31	41	93	39	66	8	503	284	0	0	94	44
26	241	49	29	39	92	43	67	11	204	29	0	0	31	72
27	242	54	29	41	93	76	84	6	52	0	3	0	71	95
28	243	60	45	52	84	33	58	15	199	0	60	0	138	194
29	244	54	41	47	93	48	70	6	210	0	12	0	158	9
30	245	54	29	41	83	50	66	11	580	177	0	0	75	123
Sums		1716	1173	1436	2617	1438	2020	347	5753	2871	273	0	2505	2935
Average		57.2	39.1	47.9	87.2	47.9	67.3	0.012	191.8	95.7	0.09	0.0	83.5	0.098

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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	215	63	58	64	59	65	61	66	62	61	52	61	53	63	57	65	60
2	216	62	57	61	58	63	60	64	61	61	51	61	51	61	55	62	59
3	217	59	55	59	56	60	58	62	59	55	49	56	50	57	53	60	57
4	218	59	55	59	55	60	57	61	57	58	51	57	51	57	54	62	56
5	219	64	55	64	55	63	56	63	57	67	51	66	52	65	53	63	55
6	220	66	55	64	56	63	56	62	57	69	52	68	53	66	54	63	56
7	221	63	59	62	59	62	59	62	60	64	56	63	56	62	58	64	58
8	222	67	59	66	59	64	59	64	60	70	56	69	56	67	58	64	59
9	223	67	59	66	59	66	60	65	60	69	56	68	57	67	59	65	59
10	224	64	57	63	59	62	60	63	60	65	52	64	53	63	56	63	58
11	225	65	56	65	56	64	58	64	59	66	51	66	51	65	54	64	57
12	226	66	55	65	55	64	56	64	57	69	51	68	52	67	53	64	56
13	227	66	57	64	57	63	58	62	59	69	54	68	54	65	55	63	57
14	228	63	56	63	57	63	58	63	59	64	54	64	54	63	56	63	58
15	229	60	54	60	55	61	57	61	58	59	50	59	50	60	53	60	56
16	230	63	54	63	55	61	55	61	57	65	50	64	50	63	52	61	55
17	231	60	52	59	54	60	56	61	57	61	45	60	46	59	51	59	55
18	232	56	51	57	53	59	55	61	56	54	45	55	46	55	50	59	54
19	233	56	51	56	52	58	54	60	55	54	45	54	46	54	49	57	53
20	234	55	50	55	51	56	51	58	51	55	45	54	46	54	48	56	51
21	235	58	54	57	53	57	54	58	54	61	53	60	52	57	53	58	53
22	236	61	56	60	56	59	56	59	56	65	56	63	56	61	56	59	55
23	237	60	54	59	55	59	57	60	57	61	49	60	50	60	53	59	56
24	238	57	48	57	49	59	50	59	51	57	43	57	44	57	47	58	49
25	239	57	48	57	49	57	50	57	51	56	44	56	44	56	47	57	49
26	240	57	51	57	53	57	54	59	54	57	46	58	47	58	51	57	53
27	241	56	51	55	52	58	52	59	53	57	46	56	46	56	50	57	52
28	242	54	48	53	48	54	49	56	50	54	45	53	45	53	46	54	48
29	243	56	49	56	49	57	50	57	50	57	47	57	47	57	48	56	49
30	244	57	50	56	52	57	53	57	54	57	47	57	48	57	51	57	51
31	245	56	50	56	51	58	53	59	54	56	45	56	45	56	49	62	53
Sums		1873	1664	1858	1687	1869	1722	1887	1745	1893	1537	1878	1551	1861	1629	1871	1697
Averages		60.4	53.7	59.9	54.4	60.3	55.5	60.9	56.3	61.1	49.6	60.6	50.0	60.0	52.5	60.4	54.7

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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	215	17	8		0
2	216	20	5		0
3	217	22	3		0
4	218	21	4		0
5	219	13	12		0
6	220	11	14		0
7	221	12	13		0
8	222	11	14		0
9	223	13	12		0
10	224	16	9		0
11	225	7	18		0
12	226	4	21		0
13	227	6	19		0
14	228	20	5		0
15	229	14	11		0
16	230	21	4		0
17	231	29	0		0
18	232	30	0		0
19	233	21	4		0
20	234	6	19		0
21	235	7	18		0
22	236	15	10		0
23	237	26	0		0
24	238	23	2		0
25	239	24	1		0
26	240	26	0		0
27	241	24	1		0
28	242	13	12		0
29	243	18	7		0
30	244	24	1		0
Sums for month		514	247		0
650	Accumulated heating degree days since July 1				
4248	Accumulated growing degree days since Jan. 1				
434	Accumulated cooling degree days since Apr. 1				