

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 2011

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	215	67	48	57	0	0	0	0	0	0	3	0	86	229
2	216	49	42	45	0	0	0	0	0	0	65	0	147	0
3	217	54	42	48	100	82	91	1	131	120	79	0	81	129
4	218	56	47	51	100	89	94	2	122	110	10	0	42	65
5	219	58	50	54	100	50	75	6	324	87	1	0	90	162
6	220	62	38	50	100	43	71	8	345	43	2	0	88	57
7	221	64	38	51	100	54	77	7	316	61	2	0	32	122
8	222	68	40	54	100	41	70	9	320	50	0	0	33	87
9	223	77	49	63	100	44	72	10	315	45	0	0	34	110
10	224	80	49	64	100	51	75	9	294	66	0	0	43	120
11	225	78	50	64	100	57	78	7	251	125	0	0	29	114
12	226	75	51	63	100	81	90	2	83	80	0	0	23	79
13	227	61	51	56	100	94	97	1	134	128	27	0	92	65
14	228	63	53	58	100	79	89	4	88	84	21	0	79	51
15	229	68	48	58	100	65	82	6	119	113	35	0	119	90
16	230	53	43	48	100	62	81	5	154	111	39	0	123	143
17	231	58	39	48	100	54	77	1	146	91	9	0	95	16
18	232	58	41	49	98	48	73	1	217	107	0	0	86	52
19	233	62	42	52	100	75	87	3	110	94	0	0	55	82
20	234	63	49	56	96	70	83	6	119	88	56	0	114	106
21	235	57	45	51	100	75	87	3	97	95	9	0	120	103
22	236	51	43	47	100	67	83	4	123	121	4	0	96	75
23	237	52	39	45	97	62	79	6	184	87	1	0	39	56
24	238	56	40	48	93	60	76	7	134	83	0	0	43	47
25	239	63	41	52	100	50	75	5	240	65	4	0	100	81
26	240	58	42	50	100	100	100	0	25	24	55	0	79	129
27	241	49	38	43	100	92	96	0	42	39	51	0	73	0
28	242	38	30	34	100	51	75	4	233	80	30	0	88	5
29	243	47	30	38	100	81	90	1	54	53	3	0	33	95
30	244	40	30	35	96	51	73	5	250	70	0	0	59	80
31	245	49	31	40	96	62	79	6	160	139	0	0	53	67
Sums		1834	1319	1572	2876	1890	2375	129	5130	2459	506	0	2274	2617
Average		59.2	42.5	50.7	92.8	61.0	76.6	0.004	165.5	79.3	0.16	0.0	73.4	0.084

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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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	216	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3	217	59	55	58	53	58	56	58	57	61	53	60	53	58	55	58	56
4	218	59	54	58	55	58	57	59	58	60	50	60	52	59	56	58	56
5	219	59	50	58	51	57	55	58	55	63	44	62	46	59	56	56	54
6	220	60	50	58	52	56	54	57	53	64	45	62	47	58	50	56	54
7	221	61	53	59	53	57	54	58	53	66	50	63	50	58	52	57	54
8	222	63	55	60	55	58	55	59	53	68	51	66	53	60	54	58	55
9	223	65	56	62	57	61	56	61	55	71	53	68	55	62	56	60	56
10	224	66	57	64	58	62	58	62	57	71	54	70	56	64	57	62	58
11	225	66	59	64	59	63	59	63	58	71	58	68	57	64	69	62	59
12	226	63	58	62	58	63	60	63	60	62	55	62	56	62	58	62	59
13	227	62	59	61	59	61	59	61	59	64	57	63	57	61	58	61	59
14	228	62	54	62	55	61	58	61	59	64	50	64	52	55	63	61	57
15	229	56	50	56	51	58	54	59	55	56	45	56	47	56	50	58	53
16	230	54	49	54	50	55	53	56	54	56	44	55	46	54	50	56	52
17	231	53	48	53	49	54	51	56	51	52	43	52	45	52	48	54	51
18	232	55	49	54	50	55	51	55	51	58	46	56	47	55	49	54	51
19	233	56	53	55	53	55	53	56	53	59	51	57	51	55	54	55	53
20	234	56	50	56	51	56	52	56	54	58	47	57	49	56	51	55	53
21	235	53	49	53	50	53	52	54	53	52	47	52	48	53	50	53	52
22	236	53	48	53	49	53	51	53	52	54	43	53	45	52	48	53	51
23	237	54	47	53	48	52	50	53	50	55	44	54	46	52	48	51	50
24	238	52	47	52	48	52	49	53	50	55	43	53	45	52	47	52	49
25	239	53	47	52	48	52	49	53	49	55	44	54	45	52	48	52	49
26	240	52	46	52	47	52	49	53	50	51	43	51	45	52	47	52	49
27	241	46	31	47	32	49	36	50	38	43	26	45	28	47	32	49	36
28	242	41	32	41	33	43	37	44	38	43	27	42	29	42	32	43	37
29	243	39	30	39	31	41	35	41	37	37	26	38	28	39	31	40	35
30	244	41	31	40	32	42	35	44	37	44	27	43	29	41	32	42	35
31	245	44	38	44	39	44	41	45	42	45	35	44	35	44	39	44	41
Sums		1603	1405	1580	1426	1581	1479	1601	1491	1658	1301	1630	1342	1574	1440	1574	1474
Averages		55.3	48.4	54.5	49.2	54.5	51.0	55.2	51.4	57.1	44.9	56.2	46.3	54.3	49.7	54.3	50.8

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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	215	8	17		0
2	216	20	5		0
3	217	17	8		0
4	218	14	11		0
5	219	11	14		0
6	220	15	10		0
7	221	14	11		0
8	222	11	14		0
9	223	2	23		0
10	224	1	24		0
11	225	1	24		0
12	226	2	23		0
13	227	9	16		0
14	228	7	18		0
15	229	7	18		0
16	230	17	8		0
17	231	17	8		0
18	232	16	9		0
19	233	13	12		0
20	234	9	16		0
21	235	14	11		0
22	236	18	7		0
23	237	20	5		0
24	238	17	8		0
25	239	13	12		0
26	240	15	10		0
27	241	22	3		0
28	242	31	0		0
29	243	27	0		0
30	244	30	0		0
31	245	25	0		0
Sums for month		443	345		0

559 Accumulated heating degree days since July 1

4646 Accumulated growing degree days since Jan. 1

639 Accumulated cooling degree days since Apr. 1