

## 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

November 2009

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	246	64	35	49	100	88	94	5	69	68	10	0	0	
2	247	50	29	39	95	80	87	54	98	97	0	0	0	
3	248	54	30	42	100	66	83	76	52	50	3	0	0	
4	249	51	33	42	100	56	78	36	161	154	8	0	0	
5	250	42	30	36	100	59	79	55	237	227	0	0	0	
6	251	44	32	38	97	47	72	49	181	77	19	0	0	
7	252	40	27	33	99	69	84	29	117	107	0	0	0	
8	253	57	34	45	98	74	86	22	94	86	0	0	0	
9	254	62	42	52	95	59	77	33	102	85	0	0	0	
10	255	70	46	58	93	43	68	127	197	65	0	0	0	
11	256	53	35	44	89	47	68	135	217	35	0	0	0	
12	257	50	25	37	96	46	71	149	147	108	0	0	0	
13	258	48	23	35	98	61	79	56	116	106	0	0	0	
14	259	55	24	39	100	52	76	29	186	61	0	0	0	
15	260	56	38	47	100	53	76	37	180	93	2	0	0	
16	261	63	40	51	93	38	65	89	224	32	0	0	0	
17	262	45	31	38	100	70	85	38	112	108	0	0	0	
18	263	47	26	36	100	62	81	55	112	86	0	0	0	
19	264	54	35	44	89	60	74	53	141	120	0	0	0	
20	265	52	43	47	100	47	73	35	201	31	32	0	0	
21	266	50	36	43	95	57	76	62	191	40	1	0	0	
22	267	47	39	43	100	88	94	14	51	49	0	0	0	
23	268	48	30	39	100	69	84	41	106	84	0	0	0	
24	269	47	34	40	100	81	90	29	62	56	5	0	0	
25	270	49	40	44	100	74	87	29	60	55	2	0	0	
26	271	55	42	48	100	76	88	18	132	79	0	0	0	
27	272	56	31	43	100	95	97	2	79	75	24	0	0	
28	273	42	31	36	100	83	91	24	91	72	2	0	0	
29	274	40	28	34	100	57	78	44	119	62	0	0	0	
30	275	53	31	42	100	79	89	18	87	61	15	0	0	
Sums		1544	1000	1264	2937	1936	2430	1443	3922	2429	123	0	0	
Average		51.5	33.3	42.1	97.9	64.5	81.0	.048	130.7	81.0	.04	.0	.000	

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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	246	54	47	52	47	51	48	51	48	53	47	52	47	51	48	51	48
2	247	58	49	55	49	53	51	52	50	56	49	54	50	53	50	52	50
3	248	57	34	55	37	52	42	52	44	56	35	54	38	53	41	52	44
4	249	50	27	48	30	48	37	48	40	49	28	48	32	48	35	48	39
5	250	54	33	51	34	46	39	46	42	53	33	49	35	47	38	46	41
6	251	52	28	49	31	46	36	46	39	51	29	48	32	47	35	46	38
7	252	45	29	44	32	43	37	43	39	45	30	43	33	43	35	43	38
8	253	45	27	42	29	41	33	42	35	43	28	41	29	42	32	42	34
9	254	38	25	37	27	38	32	39	34	37	26	37	29	37	31	38	33
10	255	48	30	45	32	42	36	42	38	47	31	44	33	42	35	42	37
11	256	55	38	51	38	45	39	45	40	54	38	50	39	46	39	45	40
12	257	55	42	51	43	47	43	47	43	54	43	50	43	48	44	47	43
13	258	52	30	50	33	48	39	47	41	51	32	50	35	49	38	47	40
14	259	49	23	47	26	44	32	44	35	49	24	47	28	45	31	44	34
15	260	46	20	43	23	40	29	40	32	45	22	42	25	41	28	40	31
16	261	47	24	44	27	39	33	39	35	46	25	43	28	40	32	39	35
17	262	51	35	48	36	44	37	43	38	50	36	47	36	44	37	43	38
18	263	55	38	50	38	46	40	45	41	53	38	49	38	47	40	46	41
19	264	51	25	47	28	45	34	45	36	49	27	47	30	45	33	45	36
20	265	48	22	45	25	42	32	41	34	47	24	45	28	43	31	41	33
21	266	51	31	47	33	42	38	43	40	49	32	46	34	43	37	42	39
22	267	48	37	46	38	44	40	44	41	47	38	45	39	45	40	44	40
23	268	46	30	45	32	44	36	44	38	46	31	45	33	44	36	44	37
24	269	44	32	42	33	41	37	41	39	43	33	42	34	41	37	41	38
25	270	46	27	45	30	44	36	43	37	45	29	44	32	44	35	43	37
26	271	47	32	45	34	42	38	42	39	45	33	44	35	42	37	41	38
27	272	49	37	46	37	44	38	44	39	47	37	45	37	44	38	44	39
28	273	53	37	50	39	47	43	46	43	51	39	49	40	47	42	46	43
29	274	52	30	49	32	44	37	44	38	51	31	48	34	46	37	44	38
30	275	42	30	40	32	41	37	42	39	41	31	40	34	41	37	41	38
Sums		1488	949	1409	1005	1333	1129	1330	1177	1453	979	1388	1040	1348	1109	1327	1160
Averages		49.6	31.6	47.0	33.5	44.4	37.6	44.3	39.2	48.4	32.6	46.3	34.7	44.9	37.0	44.2	38.7

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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	246	16	9		0
2	247	26	0		0
3	248	23	2		0
4	249	23	2		0
5	250	29	0		0
6	251	27	0		0
7	252	32	0		0
8	253	20	5		0
9	254	13	12		0
10	255	7	18		0
11	256	21	4		0
12	257	28	0		0
13	258	30	0		0
14	259	26	0		0
15	260	18	7		0
16	261	14	11		0
17	262	27	0		0
18	263	29	0		0
19	264	21	4		0
20	265	18	7		0
21	266	22	3		0
22	267	22	3		0
23	268	26	0		0
24	269	25	0		0
25	270	21	4		0
26	271	17	8		0
27	272	22	3		0
28	273	29	0		0
29	274	31	0		0
30	275	23	2		0
Sums for month		686	104		0

1407 Accumulated heating degree days since July 1  
4222 Accumulated growing degree days since Jan. 1  
309 Accumulated cooling degree days since Apr. 1