

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 2003

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	73	53	63	89	43	66	220	70	67	T	0	0	0
2	247	58	44	51	89	68	78	75	39	39	0	0	0	0
3	248	56	45	50	100	79	89	11	28	28	57	0	0	0
4	249	54	42	48	100	96	98	5	75	73	2	0	0	0
5	250	62	42	52	100	85	92	18	61	61	0	0	0	0
6	251	66	41	53	96	78	87	59	66	65	T	0	0	0
7	252	44	37	40	87	72	79	51	237	61	0	0	0	0
8	253	47	26	36	93	34	63	99	247	51	T	T	0	0
9	254	34	22	28	78	32	55	66	252	40	0	0	0	0
10	255	38	20	29	91	38	64	59	240	46	0	0	0	0
11	256	44	23	33	77	37	57	88	25	25	2	0	0	0
12	257	49	35	42	97	67	82	35	148	100	19	0	0	0
13	258	60	37	48	95	52	73	85	82	79	4	0	0	0
14	259	38	26	32	100	59	79	24	107	99	6	10	0	0
15	260	36	25	30	96	70	83	31	213	57	T	T	0	0
16	261	39	28	33	96	58	77	36	58	58	T	0	0	0
17	262	42	36	39	98	85	91	13	37	36	14	0	0	0
18	263	41	38	39	100	96	98	3	104	99	1	0	0	0
19	264	55	40	47	97	79	88	57	26	25	4	0	0	0
20	265	60	39	49	97	82	89	34	73	70	115	0	0	0
21	266	51	32	41	94	63	78	37	201	41	0	0	0	0
22	267	59	31	45	96	59	77	79	196	52	0	0	0	0
23	268	55	36	45	97	47	72	60	183	66	0	0	0	0
24	269	62	47	54	86	56	71	113	163	88	0	0	0	0
25	270	58	30	44	93	59	76	74	88	78	23	0	0	0
26	271	38	30	34	85	58	71	51	97	88	0	0	0	0
27	272	44	33	38	83	46	64	83	93	64	0	0	0	0
28	273	48	36	42	96	50	73	54	14	13	8	0	0	0
29	274	41	29	35	100	76	88	23	120	76	58	10	0	0
30	275	36	28	32	98	53	75	50	74	43	T	0	0	0
Sums		1488	1031	1252	2804	1877	2333	1693	3417	1788	313	20	0	0
Average		49.6	34.4	41.7	93.5	62.6	77.8	.056	113.9	59.6	.10	.1	.0	.000

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		----- Soil Temperature F -----															
		Sod								Bare							
Mo.	Cl.	2 Inch		4 Inch		8 Inch		12 Inch		2 Inch		4 Inch		8 Inch		12 Inch	
Day	Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	246	61	45	58	44	55	45	55	46	61	44	57	44	56	45	55	45
2	247	59	46	57	47	56	49	55	50	59	46	58	47	57	48	56	48
3	248	55	47	54	47	54	49	54	49	55	47	55	47	55	48	54	48
4	249	55	45	55	46	54	49	55	49	56	45	55	46	55	46	55	48
5	250	56	45	55	46	53	48	53	49	56	46	55	46	54	47	53	47
6	251	60	45	58	46	57	49	56	50	61	44	58	46	58	48	57	49
7	252	51	40	51	41	52	45	54	47	51	39	51	41	52	44	54	44
8	253	53	33	51	36	51	42	51	46	52	33	52	36	51	40	52	43
9	254	44	29	44	31	46	37	48	40	44	29	45	32	45	35	51	29
10	255	43	29	43	31	42	36	44	39	43	29	42	31	42	34	50	28
11	256	44	30	43	31	42	36	43	39	44	29	42	31	42	34	55	30
12	257	46	32	46	33	46	37	46	38	46	32	46	33	46	35	48	26
13	258	57	39	54	41	51	42	50	42	56	39	54	42	51	42	50	41
14	259	43	34	44	35	48	38	49	40	43	33	46	35	48	37	49	39
15	260	38	31	39	33	42	36	44	38	40	31	40	33	42	35	44	37
16	261	41	32	42	33	42	36	43	38	43	32	41	33	42	35	42	37
17	262	46	37	45	36	45	38	45	39	46	35	45	36	44	37	44	38
18	263	45	38	45	39	45	40	46	41	46	38	45	39	45	40	49	39
19	264	51	38	50	39	49	41	48	42	52	38	51	39	50	40	66	23
20	265	56	40	54	41	52	45	51	45	56	40	56	42	53	44	51	43
21	266	47	34	47	35	48	40	50	41	48	33	49	35	48	38	57	20
22	267	54	33	52	35	49	40	49	41	53	34	52	36	50	39	49	41
23	268	51	34	49	35	48	40	48	41	52	34	49	36	49	39	47	39
24	269	54	41	53	40	50	42	49	43	55	40	53	41	51	41	52	39
25	270	55	33	53	35	51	40	50	42	54	34	53	35	52	38	51	39
26	271	42	32	43	33	44	37	46	39	43	32	43	33	44	36	48	36
27	272	44	32	44	33	43	37	44	39	44	33	43	33	43	36	48	37
28	273	46	33	44	34	45	38	45	39	45	33	45	34	45	36	45	37
29	274	47	34	47	36	46	40	47	41	48	34	47	36	47	39	47	40
30	275	37	31	39	33	44	36	45	37	38	32	41	33	44	35	45	37
Sums		1481	1092	1459	1125	1450	1228	1463	1270	1490	1088	1469	1131	1461	1191	1524	1147
Averages		49.4	36.4	48.6	37.5	48.3	40.9	48.8	42.3	49.7	36.3	49.0	37.7	48.7	39.7	50.8	38.2

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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	2	23		0
2	247	14	11		0
3	248	15	10		0
4	249	17	8		0
5	250	13	12		0
6	251	12	13		0
7	252	25	0		0
8	253	29	0		0
9	254	37	0		0
10	255	36	0		0
11	256	32	0		0
12	257	23	2		0
13	258	17	8		0
14	259	33	0		0
15	260	35	0		0
16	261	32	0		0
17	262	26	0		0
18	263	26	0		0
19	264	18	7		0
20	265	16	9		0
21	266	24	1		0
22	267	20	5		0
23	268	20	5		0
24	269	11	14		0
25	270	21	4		0
26	271	31	0		0
27	272	27	0		0
28	273	23	2		0
29	274	30	0		0
30	275	33	0		0
Sums for month		698	134		0
1369	Accumulated heating degree days since July 1				
4299	Accumulated growing degree days since Jan. 1				
417	Accumulated cooling degree days since Apr. 1				