

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 1999

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	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	246	66	39	52	96	50	73	91	99	79	5	0	0	0
2	247	65	43	54	88	44	66	146	250	31	0	0	0	0
3	248	64	37	50	95	69	82	72	47	46	20	0	0	0
4	249	43	33	38	94	57	75	53	120	106	2	0	0	0
5	250	46	34	40	75	46	60	117	193	78	0	0	0	0
6	251	66	41	53	75	30	52	217	161	112	0	0	0	0
7	252	52	33	42	81	28	54	123	184	74	0	0	0	0
8	253	42	30	36	79	40	59	74	225	74	0	0	0	0
9	254	49	33	41	75	48	61	119	150	111	0	0	0	0
10	255	73	49	61	64	46	55	279	143	80	0	0	0	0
11	256	65	31	48	96	57	76	76	60	58	24	0	0	0
12	257	37	24	30	88	51	69	48	222	52	0	0	0	0
13	258	48	34	41	90	50	70	81	135	85	0	0	0	0
14	259	54	41	47	87	68	77	62	82	78	0	0	0	0
15	260	58	33	45	90	44	67	101	76	60	T	0	0	0
16	261	37	25	31	93	55	74	45	109	81	1	10	0	0
17	262	30	25	27	90	61	75	42	130	122	0	0	0	0
18	263	36	27	31	80	50	65	57	165	98	0	0	0	0
19	264	48	32	40	69	37	53	145	180	55	0	0	0	0
20	265	64	42	53	63	20	41	236	189	47	0	0	0	0
21	266	55	34	44	94	60	77	57	30	29	14	0	0	0
22	267	55	36	45	93	75	84	45	123	87	0	0	0	0
23	268	67	36	51	98	66	82	78	111	87	0	0	0	0
24	269	65	45	55	97	69	83	90	165	58	0	0	0	0
25	270	65	39	52	83	59	71	97	123	52	0	0	0	0
26	271	46	39	42	98	57	77	52	107	97	110	0	0	0
27	272	58	41	49	98	74	86	27	28	26	44	0	0	0
28	273	53	35	44	76	53	64	97	152	48	0	0	0	0
29	274	43	30	36	96	51	73	81	130	92	2	2	0	0
30	275	38	22	30	97	62	79	14	99	61	26	50	0	0
Sums		1588	1043	1308	2598	1577	2080	2822	3988	2164	248	62	0	0
Average		52.9	34.8	43.6	86.6	52.6	69.3	.094	132.9	72.1	.08	.2	.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	56	43	55	44	54	47	54	48	58	41	57	43	55	46	54	47
2	247	57	43	56	44	54	47	54	48	59	43	56	44	54	47	54	48
3	248	58	42	57	44	56	48	55	48	59	42	58	44	57	46	56	48
4	249	50	36	50	38	52	42	54	44	50	33	50	36	52	39	53	43
5	250	47	36	48	38	48	41	49	42	48	34	48	36	48	39	48	40
6	251	51	37	49	38	50	41	50	43	52	37	50	38	50	39	50	42
7	252	50	35	50	37	50	41	50	43	54	33	50	36	50	40	50	42
8	253	46	33	46	34	46	39	48	40	48	31	47	34	48	36	49	39
9	254	48	34	46	36	46	39	47	40	48	32	47	34	46	37	47	39
10	255	54	41	52	41	51	42	52	42	56	40	53	42	54	41	52	42
11	256	56	38	55	40	53	43	52	44	58	37	56	39	55	42	53	44
12	257	49	32	50	34	49	38	50	40	50	30	51	32	49	36	50	38
13	258	47	34	46	35	46	39	47	41	48	32	47	34	47	37	48	39
14	259	48	40	48	40	48	41	49	42	49	39	48	39	49	41	48	41
15	260	51	34	50	36	49	40	50	41	53	34	51	36	53	39	52	41
16	261	43	31	43	34	45	36	46	38	48	30	45	33	46	35	49	38
17	262	40	33	40	33	43	36	44	38	47	29	44	31	45	34	46	36
18	263	41	30	42	32	42	35	43	36	45	29	44	30	47	32	45	35
19	264	45	32	44	32	43	36	44	36	46	30	44	32	43	34	43	36
20	265	52	37	48	37	46	39	46	40	54	37	51	37	50	38	49	39
21	266	48	35	48	37	48	40	48	40	49	35	48	0	48	38	48	39
22	267	51	36	49	37	48	40	47	40	52	35	49	37	49	38	48	40
23	268	56	44	54	44	52	43	51	43	58	44	55	44	53	45	51	43
24	269	58	44	56	45	53	46	53	46	60	45	56	45	54	46	53	46
25	270	58	40	56	42	54	44	53	45	60	39	56	42	55	43	54	45
26	271	51	40	50	40	49	42	50	42	51	40	51	39	50	41	50	41
27	272	53	40	52	41	50	42	51	43	55	40	52	41	51	43	50	43
28	273	52	34	52	36	49	40	50	42	53	32	51	36	50	39	50	41
29	274	45	33	45	35	45	38	46	39	47	31	46	34	46	36	47	39
30	275	41	32	41	33	42	35	44	37	43	30	44	32	44	35	46	36
Sums		1502	1099	1478	1137	1461	1220	1477	1251	1558	1064	1505	1080	1498	1182	1493	1230
Averages		50.1	36.6	49.3	37.9	48.7	40.7	49.2	41.7	51.9	35.5	50.2	36.0	49.9	39.4	49.8	41.0

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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	13	12		0
2	247	11	14		0
3	248	15	10		0
4	249	27	0		0
5	250	25	0		0
6	251	12	13		0
7	252	23	2		0
8	253	29	0		0
9	254	24	1		0
10	255	4	21		0
11	256	17	8		0
12	257	35	0		0
13	258	24	1		0
14	259	18	7		0
15	260	20	5		0
16	261	34	0		0
17	262	38	0		0
18	263	34	0		0
19	264	25	0		0
20	265	12	13		0
21	266	21	4		0
22	267	20	5		0
23	268	14	11		0
24	269	10	15		0
25	270	13	12		0
26	271	23	2		0
27	272	16	9		0
28	273	21	4		0
29	274	29	0		0
30	275	35	0		0
Sums for month		642	169		0

1299 Accumulated heating degree days since July 1
 4676 Accumulated growing degree days since Jan. 1
 1146 Accumulated cooling degree days since Apr. 1