

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 1997

Mo.	Cl.	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi.Wind	Pan
Day	Day	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	63	47	55	100	56	78	85	175	126	0	0	0	
2	247	60	49	54	100	97	98	0	53	53	104	0	0	
3	248	54	37	45	100	91	95	2	28	24	93	0	0	
4	249	56	38	47	100	57	78	30	241	43	10	0	0	
5	250	44	34	39	100	94	97	1	69	68	3	0	0	
6	251	49	32	40	100	80	90	10	115	98	1	0	0	
7	252	54	32	43	100	61	80	36	217	50	0	0	0	
8	253	47	37	42	100	82	91	9	80	76	8	0	0	
9	254	44	41	42	100	98	99	0	46	45	16	0	0	
10	255	43	35	39	100	92	96	1	57	55	9	0	0	
11	256	42	33	37	100	88	94	4	59	58	0	0	0	
12	257	40	27	33	100	65	82	20	168	90	0	0	0	
13	258	38	21	29	100	53	76	14	167	65	T	T	0	
14	259	37	25	31	100	53	76	36	217	42	49	65	0	
15	260	27	23	25	100	100	100	0	66	66	60	5	0	
16	261	29	26	27	100	100	100	0	118	116	20	35	0	
17	262	31	21	26	100	76	88	13	190	100	2	2	0	
18	263	31	26	28	100	88	94	7	150	98	0	0	0	
19	264	36	20	28	98	64	81	25	188	83	0	0	0	
20	265	44	28	36	99	60	79	35	191	103	0	0	0	
21	266	41	29	35	92	65	78	41	194	64	0	0	0	
22	267	47	31	39	100	66	83	17	87	82	T	T	0	
23	268	34	31	32	100	100	100	0	44	38	26	0	0	
24	269	41	27	34	100	88	94	4	91	87	0	0	0	
25	270	30	18	24	100	72	86	10	128	89	0	0	0	
26	271	48	22	35	100	82	91	19	35	34	0	0	0	
27	272	46	30	38	100	86	93	9	37	35	20	0	0	
28	273	39	30	34	100	78	89	12	164	46	0	0	0	
29	274	45	32	38	100	98	99	0	16	14	T	0	0	
30	275	44	29	36	100	81	90	6	142	56	5	0	0	
Sums		1284	911	1091	2989	2371	2675	446	3533	2004	426	107	0	
Average		42.8	30.4	36.4	99.6	79.0	89.2	.015	117.8	66.8	.14	.4	.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	58	42	57	42	55	44	55	45	62	41	61	42	60	44	59	45
2	247	59	46	58	46	56	47	56	47	63	46	62	46	62	47	61	47
3	248	55	40	55	42	55	46	55	47	60	39	60	42	60	44	60	46
4	249	57	41	54	42	53	46	53	47	61	40	59	42	60	44	59	46
5	250	52	40	51	41	51	44	52	45	56	38	56	41	56	43	57	45
6	251	55	38	53	40	53	44	53	45	60	36	58	39	58	41	58	44
7	252	53	39	53	40	52	44	52	45	60	37	58	39	58	42	58	44
8	253	51	40	50	41	50	43	51	44	56	38	55	40	56	42	56	44
9	254	52	42	50	42	51	43	51	44	56	41	55	41	56	43	56	43
10	255	50	38	50	40	50	43	51	44	55	37	55	39	56	41	56	43
11	256	48	38	48	40	50	42	50	44	53	37	54	39	55	41	55	43
12	257	50	34	50	35	50	39	50	41	55	33	55	35	55	38	55	40
13	258	48	33	47	34	48	38	48	40	51	31	51	33	52	36	52	38
14	259	46	33	46	34	45	38	46	40	50	32	49	34	50	36	51	38
15	260	45	34	44	35	45	38	46	38	49	34	50	35	51	37	52	38
16	261	45	34	46	35	47	37	48	38	50	33	51	35	51	36	52	38
17	262	48	34	47	34	48	36	49	38	52	33	53	34	54	36	55	37
18	263	47	33	47	34	48	36	49	37	51	32	52	34	52	35	53	37
19	264	45	33	44	34	44	36	45	37	46	33	47	34	48	35	61	30
20	265	44	33	45	34	47	36	46	37	49	33	49	34	50	35	51	30
21	266	46	33	45	34	48	36	50	36	51	32	51	33	52	35	56	31
22	267	43	32	44	34	44	36	45	36	47	33	48	34	48	35	54	25
23	268	42	33	43	33	44	35	44	36	46	33	47	34	48	35	53	34
24	269	44	32	43	33	45	34	45	36	50	32	50	34	51	35	51	34
25	270	44	30	44	31	46	34	45	35	52	28	52	31	53	33	53	34
26	271	41	30	41	30	42	33	43	35	45	29	45	31	46	33	47	34
27	272	47	32	47	32	47	34	46	35	52	31	52	32	52	34	52	35
28	273	46	33	46	34	46	36	46	36	54	33	53	34	53	35	54	36
29	274	47	34	46	35	46	36	46	37	52	34	52	34	52	36	52	36
30	275	50	34	49	34	47	36	46	37	55	33	54	35	53	36	52	37
Sums		1458	1068	1443	1095	1453	1170	1462	1202	1599	1042	1594	1090	1608	1143	1641	1152
Averages		48.6	35.6	48.1	36.5	48.4	39.0	48.7	40.1	53.3	34.7	53.1	36.3	53.6	38.1	54.7	38.4

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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	10	15		0
2	247	11	14		0
3	248	20	5		0
4	249	18	7		0
5	250	26	0		0
6	251	25	0		0
7	252	22	3		0
8	253	23	2		0
9	254	23	2		0
10	255	26	0		0
11	256	28	0		0
12	257	32	0		0
13	258	36	0		0
14	259	34	0		0
15	260	40	0		0
16	261	38	0		0
17	262	39	0		0
18	263	37	0		0
19	264	37	0		0
20	265	29	0		0
21	266	30	0		0
22	267	26	0		0
23	268	33	0		0
24	269	31	0		0
25	270	41	0		0
26	271	30	0		0
27	272	27	0		0
28	273	31	0		0
29	274	27	0		0
30	275	29	0		0
Sums for month		859	48		0
1599	Accumulated heating degree days since July 1				
4003	Accumulated growing degree days since Jan. 1				
357	Accumulated cooling degree days since Apr. 1				