

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 February 1997

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	338	37	27	32	100	84	92	5	75	75	8	2	0	0
2	339	34	26	30	100	90	95	2	22	21	T	0	0	0
3	340	38	28	33	100	82	91	7	144	110	8	0	0	0
4	341	36	26	31	100	92	96	1	91	86	T	0	0	0
5	342	37	30	33	100	80	90	4	70	69	48	20	0	0
6	343	38	27	32	100	94	97	0	18	17	T	T	0	0
7	344	31	27	29	100	84	92	13	96	89	0	0	0	0
8	345	32	21	26	100	73	86	6	148	121	T	2	0	0
9	346	27	10	18	100	78	89	5	177	108	0	0	0	0
10	347	29	12	20	100	62	81	22	321	38	0	0	0	0
11	348	29	21	25	100	65	82	17	163	104	T	T	0	0
12	349	32	22	27	100	64	82	20	164	134	T	T	0	0
13	350	29	1	15	100	87	93	2	100	90	2	10	0	0
14	351	27	16	21	100	56	78	17	304	51	T	10	0	0
15	352	36	24	30	100	89	94	4	47	46	T	T	0	0
16	353	35	11	23	100	76	88	11	142	122	1	2	0	0
17	354	22	10	16	100	84	92	2	129	113	15	43	0	0
18	355	42	11	26	100	57	78	36	278	114	0	0	0	0
19	356	59	38	48	70	35	52	202	282	130	0	0	0	0
20	357	55	25	40	100	60	80	39	75	73	0	0	0	0
21	358	48	25	36	99	63	81	47	273	93	1	0	0	0
22	359	62	46	54	100	68	84	65	211	128	0	0	0	0
23	360	47	19	33	100	69	84	23	232	121	T	0	0	0
24	361	33	21	27	100	63	81	10	143	130	4	15	0	0
25	362	26	8	17	100	71	85	5	220	160	2	15	0	0
26	363	36	9	22	100	51	75	40	310	110	0	0	0	0
27	364	52	35	43	100	53	76	51	237	96	63	0	0	0
28	365	62	28	45	100	76	88	16	162	78	11	0	0	0
Sums		1071	604	832	2769	2006	2382	672	4634	2627	163	119	0	0
Average		38.3	21.6	29.7	98.9	71.6	85.1	.024	165.5	93.8	.06	.4	.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	338	36	29	36	29	35	30	35	30	46	29	45	29	46	30	45	30
2	339	38	30	36	30	36	30	36	30	48	30	47	30	47	31	46	30
3	340	37	30	39	30	35	30	34	30	44	30	45	30	45	31	44	31
4	341	36	29	34	29	34	30	34	30	46	30	46	30	46	31	45	30
5	342	34	30	34	29	34	30	34	30	42	30	41	30	42	30	41	30
6	343	38	30	38	30	37	30	35	31	48	30	48	31	48	31	47	31
7	344	37	29	36	30	36	31	38	31	46	30	46	30	46	31	46	31
8	345	38	30	37	30	36	30	35	31	46	30	46	30	46	31	45	31
9	346	39	25	38	28	42	30	35	31	46	26	46	28	46	31	46	31
10	347	37	25	36	28	36	31	36	31	48	27	48	28	49	31	49	31
11	348	38	27	37	28	38	30	38	31	48	27	48	29	49	30	49	31
12	349	38	27	36	28	36	30	35	30	45	28	45	29	46	30	45	30
13	350	39	28	38	28	38	30	40	31	50	29	50	29	50	30	50	31
14	351	36	27	35	27	35	30	36	29	46	27	46	28	46	29	46	29
15	352	38	28	37	29	37	30	38	31	46	29	46	29	46	30	46	31
16	353	40	28	40	29	40	30	37	31	48	29	49	30	49	31	49	31
17	354	37	28	37	28	36	30	35	30	46	28	46	29	46	30	46	30
18	355	37	28	36	27	38	30	38	30	45	29	46	29	46	30	46	30
19	356	38	30	45	30	39	30	38	31	47	30	48	30	48	31	47	31
20	357	40	29	39	30	38	30	38	31	49	31	50	30	49	31	49	31
21	358	37	30	36	30	36	30	42	30	46	31	45	30	44	31	44	31
22	359	47	31	46	30	43	31	47	30	55	34	52	31	49	31	49	31
23	360	51	30	50	30	45	32	49	32	52	31	52	32	51	33	50	31
24	361	39	30	39	30	39	32	42	32	47	31	48	31	48	32	48	32
25	362	40	30	40	30	40	32	39	31	49	31	50	31	50	32	49	32
26	363	39	30	39	30	39	31	38	31	46	30	46	31	47	31	46	32
27	364	41	31	40	31	39	32	42	32	49	31	48	32	48	32	48	32
28	365	52	32	49	33	44	33	49	33	57	33	56	34	54	34	52	34
Sums		1097	811	1083	821	1061	855	1073	861	1331	831	1329	840	1327	866	1313	866
Averages		39.2	29.0	38.7	29.3	37.9	30.5	38.3	30.8	47.5	29.7	47.5	30.0	47.4	30.9	46.9	30.9

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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	338	33	0		0
2	339	35	0		0
3	340	32	0		0
4	341	34	0		0
5	342	32	0		0
6	343	33	0		0
7	344	36	0		0
8	345	39	0		0
9	346	47	0		0
10	347	45	0		0
11	348	40	0		0
12	349	38	0		0
13	350	50	0		0
14	351	44	0		0
15	352	35	0		0
16	353	42	0		0
17	354	49	0		0
18	355	39	0		0
19	356	17	8		0
20	357	25	0		0
21	358	29	0		0
22	359	11	14		0
23	360	32	0		0
24	361	38	0		0
25	362	48	0		0
26	363	43	0		0
27	364	22	3		0
28	365	20	5		0
Sums for month		988	30		0
4872	Accumulated heating degree days since July 1				
33	Accumulated growing degree days since Jan. 1				
432	Accumulated cooling degree days since Apr. 1				