

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 January 1998

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Total	Diff				
1	307	15	6	10	74	42	58	0	152	100	0	0	0	0
2	308	40	10	25	58	36	47	0	79	74	0	0	0	0
3	309	49	38	43	88	42	65	0	17	17	0	0	0	0
4	310	53	36	44	100	78	89	0	44	42	10	0	0	0
5	311	49	29	39	100	56	78	0	19	18	8	0	0	0
6	312	60	45	52	95	58	76	0	107	75	24	0	0	0
7	313	58	46	52	100	84	92	0	54	51	3	0	0	0
8	314	47	32	39	100	100	100	0	19	18	205	0	0	0
9	315	35	32	33	100	100	100	0	21	20	84	0	0	0
10	316	42	33	37	92	38	65	0	49	48	T	0	0	0
11	317	43	26	34	100	68	84	0	105	67	0	0	0	0
12	318	28	17	22	100	70	85	0	99	82	T	T	0	0
13	319	39	18	28	100	50	75	0	182	33	T	0	0	0
14	320	38	16	27	98	50	74	0	78	54	3	0	0	0
15	321	25	14	19	86	58	72	0	121	106	T	T	0	0
16	322	34	22	28	100	78	89	0	8	8	48	25	0	0
17	323	24	22	23	100	80	90	0	43	44	2	0	0	0
18	324	26	22	24	100	60	80	0	64	64	12	10	0	0
19	325	30	17	23	96	56	76	0	41	33	11	10	0	0
20	326	33	18	25	100	64	82	0	19	85	0	0	0	0
21	327	30	20	25	100	68	84	0	34	150	T	5	0	0
22	328	26	15	20	98	70	84	0	41	112	0	0	0	0
23	329	29	15	22	100	78	89	0	64	120	26	45	0	0
24	330	37	28	32	100	80	90	0	56	57	15	0	0	0
25	331	33	25	29	100	56	78	0	73	75	2	5	0	0
26	332	31	20	25	94	52	73	0	114	188	T	T	0	0
27	333	20	11	15	100	66	83	0	145	151	0	0	0	0
28	334	36	15	25	100	60	80	0	116	125	0	0	0	0
29	335	38	18	28	100	70	85	0	117	170	0	0	0	0
30	336	41	20	30	100	94	97	0	118	182	20	0	0	0
31	337	32	27	29	100	56	78	0	67	68	5	0	0	0
Sums		1121	713	907	2979	2018	2498	0	2266	2437	478	100	0	0
Average		36.2	23.0	29.3	96.1	65.1	80.6	.000	73.1	78.6	.15	.3	.0	.000

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 January 1998

		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	307	35	31	35	31	36	33	37	33	44	31	42	32	44	33	44	33
2	308	36	31	35	31	36	33	38	34	41	31	41	32	42	33	42	33
3	309	35	30	36	31	39	32	38	33	39	30	39	31	40	32	40	32
4	310	46	31	44	31	42	32	42	33	47	31	46	32	44	32	43	32
5	311	42	34	42	34	42	35	42	36	43	34	44	34	43	35	43	35
6	312	50	37	48	36	46	36	44	36	50	38	49	37	48	37	46	35
7	313	54	43	51	42	48	41	46	40	54	44	53	43	51	42	50	41
8	314	49	36	49	37	47	39	47	40	50	36	51	37	48	39	48	39
9	315	41	35	43	36	44	37	45	38	44	34	45	35	45	36	46	37
10	316	42	34	43	34	43	36	43	37	47	33	47	34	47	36	47	37
11	317	42	31	42	32	44	35	43	36	46	31	46	32	45	34	45	35
12	318	37	30	37	31	40	33	40	34	44	29	45	31	45	33	45	33
13	319	36	30	37	30	38	32	39	33	40	30	40	31	41	32	41	32
14	320	38	29	38	33	39	33	40	34	46	29	46	31	46	32	46	33
15	321	34	27	35	28	37	32	39	32	39	26	38	29	38	30	39	31
16	322	34	28	35	29	36	31	38	32	41	27	41	29	41	30	41	31
17	323	40	29	36	29	38	31	38	32	41	29	41	30	42	31	43	32
18	324	37	29	36	30	37	32	38	32	42	29	42	30	43	31	43	32
19	325	36	30	36	30	38	32	38	32	43	30	43	30	44	30	44	31
20	326	38	29	39	30	39	32	40	32	44	30	44	30	44	31	45	32
21	327	40	30	39	30	41	31	39	32	45	30	46	30	46	31	46	32
22	328	37	30	37	30	38	32	38	32	42	30	43	30	43	30	43	32
23	329	38	29	38	30	38	31	38	31	43	29	44	30	44	31	44	31
24	330	37	30	38	30	38	32	39	32	44	30	44	30	44	30	45	30
25	331	39	30	39	31	39	32	39	32	47	30	47	31	47	32	47	32
26	332	39	30	38	31	39	32	40	32	47	30	48	29	50	31	48	32
27	333	37	31	37	30	38	32	38	32	42	28	43	31	43	30	44	32
28	334	36	30	38	30	37	31	37	32	41	30	41	30	42	31	41	31
29	335	39	30	39	30	38	32	40	32	45	30	45	30	46	32	45	31
30	336	38	30	38	30	38	32	38	32	44	30	44	31	44	32	44	32
31	337	38	31	46	31	40	32	40	33	46	31	47	30	47	32	47	32
Sums		1220	965	1224	978	1233	1026	1241	1041	1371	960	1375	982	1377	1011	1375	1023
Averages		39.4	31.1	39.5	31.5	39.8	33.1	40.0	33.6	44.2	31.0	44.4	31.7	44.4	32.6	44.4	33.0

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 January 1998

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	307	55	0		0
2	308	40	0		0
3	309	22	3		0
4	310	21	4		0
5	311	26	0		0
6	312	13	12		0
7	313	13	12		0
8	314	26	0		0
9	315	32	0		0
10	316	28	0		0
11	317	31	0		0
12	318	43	0		0
13	319	37	0		0
14	320	38	0		0
15	321	46	0		0
16	322	37	0		0
17	323	42	0		0
18	324	41	0		0
19	325	42	0		0
20	326	40	0		0
21	327	40	0		0
22	328	45	0		0
23	329	43	0		0
24	330	33	0		0
25	331	36	0		0
26	332	40	0		0
27	333	50	0		0
28	334	40	0		0
29	335	37	0		0
30	336	35	0		0
31	337	36	0		0
Sums for month		1108	31		0

3761 Accumulated heating degree days since July 1  
 31 Accumulated growing degree days since Jan. 1  
 357 Accumulated cooling degree days since Apr. 1