

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 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	307	18	-2	8	100	92	96	0	105	101	6	11	0	0
2	308	32	10	21	100	87	93	3	98	92	7	0	0	0
3	309	48	31	39	100	100	100	0	45	44	T	0	0	0
4	310	46	34	40	100	100	100	0	16	15	1	0	0	0
5	311	52	34	43	100	100	100	0	39	38	0	0	0	0
6	312	53	27	40	100	79	89	10	25	24	10	5	0	0
7	313	28	22	25	100	72	86	15	77	75	1	0	0	
8	314	26	17	21	100	72	86	10	100	94	T	T	0	0
9	315	25	16	20	100	68	84	12	185	177	0	0	0	0
10	316	31	17	24	100	89	94	1	34	33	3	13	0	0
11	317	32	16	24	99	61	80	33	123	116	0	0	0	0
12	318	26	15	20	94	64	79	19	136	120	0	0	0	0
13	319	20	14	17	100	70	85	14	175	123	T	T	0	0
14	320	23	18	20	100	86	93	8	67	66	T	T	0	0
15	321	27	12	19	100	73	86	10	106	143	0	0	0	0
16	322	36	14	25	100	52	76	40	176	140	T	0	0	0
17	323	33	3	18	100	64	82	12	93	86	1	5	0	0
18	324	13	2	7	100	56	78	16	156	126	T	T	0	0
19	325	6	-3	1	100	61	80	7	153	114	2	4	0	0
20	326	23	6	14	94	56	75	23	173	108	0	0	0	0
21	327	32	16	24	100	78	89	8	107	90	1	15	0	0
22	328	37	15	26	100	63	81	31	203	70	1	0	0	0
23	329	49	29	39	100	77	88	24	55	53	T	0	0	0
24	330	29	5	17	100	89	94	3	84	82	T	T	0	0
25	331	41	12	26	100	82	91	3	68	66	14	20	0	0
26	332	40	14	27	100	61	80	14	100	63	1	10	0	0
27	333	16	5	10	100	86	93	2	153	111	T	T	0	0
28	334	35	26	30	100	83	91	5	51	50	1	20	0	0
29	335	25	11	18	100	70	85	14	180	123	10	5	0	0
30	336	17	6	11	100	78	89	2	187	139	2	0	0	
31	337	28	13	20	98	68	83	21	132	131	0	0	0	0
Sums		947	455	694	3085	2337	2706	360	3402	2813	61	108	0	0
Average		30.5	14.7	22.4	99.5	75.4	87.3	.012	109.7	90.7	.02	.3	.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	307	38	30	37	30	39	32	41	33	45	30	45	31	46	33	47	33
2	308	38	30	37	29	39	32	38	32	41	30	42	30	43	32	43	32
3	309	40	31	40	31	43	33	43	33	49	31	48	31	48	32	48	33
4	310	43	33	43	32	43	33	45	34	48	34	48	34	48	34	47	34
5	311	47	34	45	34	44	35	46	35	53	34	52	35	52	35	49	35
6	312	50	33	49	34	48	37	50	38	56	34	55	35	54	37	52	38
7	313	43	32	43	32	43	34	49	36	50	32	50	33	51	35	51	36
8	314	41	32	41	32	41	34	48	35	48	31	48	32	49	34	49	35
9	315	39	31	39	31	40	33	45	34	47	28	48	31	48	33	48	33
10	316	39	30	39	30	40	32	42	32	44	28	44	30	45	32	45	32
11	317	39	30	43	30	39	32	40	32	43	27	43	30	44	32	45	32
12	318	39	30	38	30	40	32	40	32	46	26	47	29	47	32	47	32
13	319	37	29	37	30	38	32	38	32	46	26	47	29	47	32	47	32
14	320	37	28	37	29	38	31	38	32	45	26	46	28	47	31	46	32
15	321	36	26	36	28	37	30	36	31	46	23	47	26	47	30	47	31
16	322	36	26	36	28	36	30	36	31	41	24	41	26	42	30	42	30
17	323	37	27	37	29	38	31	36	31	47	22	47	26	48	30	46	32
18	324	33	24	32	26	34	29	35	29	36	18	38	22	40	27	41	30
19	325	31	25	31	26	34	28	35	29	37	15	39	20	41	24	42	29
20	326	34	25	34	26	34	27	36	29	36	16	37	20	39	25	40	28
21	327	41	28	38	28	38	29	39	29	48	24	48	25	48	27	49	29
22	328	37	28	36	28	36	29	35	29	45	27	45	28	46	28	46	29
23	329	37	29	36	29	36	30	35	30	46	29	46	29	45	30	45	30
24	330	34	27	33	28	34	30	34	30	47	24	47	28	45	30	44	30
25	331	33	27	32	28	33	29	34	29	39	24	39	27	40	29	39	29
26	332	35	27	40	28	34	30	41	31	45	27	46	28	46	30	45	31
27	333	33	26	33	27	35	30	35	30	44	24	44	26	44	28	43	30
28	334	37	26	36	27	37	29	37	30	45	24	45	25	46	27	46	29
29	335	34	29	33	29	34	30	35	31	46	28	47	29	47	30	46	31
30	336	35	28	34	28	35	29	35	30	44	27	44	28	45	29	45	30
31	337	33	28	33	28	34	29	35	30	39	27	39	27	40	29	40	29
Sums		1166	889	1158	905	1174	961	1212	979	1392	820	1402	878	1418	957	1410	976
Averages		37.6	28.7	37.4	29.2	37.9	31.0	39.1	31.6	44.9	26.5	45.2	28.3	45.7	30.9	45.5	31.5

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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	307	57	0		0
2	308	44	0		0
3	309	26	0		0
4	310	25	0		0
5	311	22	3		0
6	312	25	0		0
7	313	40	0		0
8	314	44	0		0
9	315	45	0		0
10	316	41	0		0
11	317	41	0		0
12	318	45	0		0
13	319	48	0		0
14	320	45	0		0
15	321	46	0		0
16	322	40	0		0
17	323	47	0		0
18	324	58	0		0
19	325	64	0		0
20	326	51	0		0
21	327	41	0		0
22	328	39	0		0
23	329	26	0		0
24	330	48	0		0
25	331	39	0		0
26	332	38	0		0
27	333	55	0		0
28	334	35	0		0
29	335	47	0		0
30	336	54	0		0
31	337	45	0		0
Sums for month		1321	3		0

3884 Accumulated heating degree days since July 1
 3 Accumulated growing degree days since Jan. 1
 432 Accumulated cooling degree days since Apr. 1