

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 April 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	32	26	14	20	100	56	78	14	168	138	36	30	0	0
2	33	43	28	35	80	34	57	82	535	62	0	0	0	0
3	34	54	32	43	100	36	68	91	502	92	0	0	0	0
4	35	65	37	51	100	28	64	119	362	186	T	0	0	0
5	36	57	39	48	100	47	73	68	496	81	0	0	0	0
6	37	65	46	55	100	44	72	117	296	186	9	0	0	0
7	38	73	40	56	93	51	72	139	417	223	0	0	0	0
8	39	46	30	38	100	53	76	69	467	240	0	0	0	0
9	40	38	15	26	100	46	73	22	310	238	1	5	0	0
10	41	31	16	23	98	40	69	31	348	520	0	0	0	0
11	42	40	23	31	96	36	66	54	102	519	0	0	0	0
12	43	44	30	37	94	38	66	71	222	412	0	0	0	0
13	44	50	35	42	100	59	79	12	85	91	45	0	0	0
14	45	45	30	37	100	76	88	5	201	155	4	0	0	0
15	46	46	28	37	100	41	70	59	567	80	0	0	0	0
16	47	56	31	43	100	37	68	93	502	146	0	0	0	0
17	48	65	36	50	100	28	64	82	407	122	T	0	0	0
18	49	38	31	34	100	88	94	0	80	74	6	0	0	
19	50	42	32	37	100	67	83	15	175	157	5	0	0	
20	51	36	32	34	100	96	98	0	145	136	10	0	0	0
21	52	42	35	38	100	81	90	7	167	140	0	0	0	0
22	53	57	33	45	100	53	76	44	505	198	0	0	0	0
23	54	60	37	48	100	38	69	78	536	148	0	0	0	0
24	55	61	39	50	96	40	68	123	458	190	0	0	0	0
25	56	58	37	47	100	36	68	90	545	134	0	0	0	0
26	57	59	40	49	85	40	62	117	418	143	0	0	0	0
27	58	61	34	47	100	31	65	129	564	111	0	0	0	0
28	59	62	41	51	100	32	66	109	285	203	79	0	0	0
29	60	52	40	46	100	76	88	2	121	77	2	0	0	0
30	61	65	44	54	96	39	67	114	574	112	0	0	0	0
Sums		1537	985	1252	2938	1467	2197	1956	10560	5314	197	35	0	0
Average		51.2	32.8	41.7	97.9	48.9	73.2	.065	352.0	177.1	.07	.1	.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	32	42	32	42	33	42	35	50	36	49	32	50	30	51	35	52	36
2	33	44	31	43	33	42	34	53	36	50	31	52	34	51	34	49	35
3	34	44	31	45	32	43	34	50	35	54	32	49	33	52	34	51	35
4	35	57	33	54	33	49	34	51	35	60	33	57	33	55	34	53	35
5	36	60	39	57	39	52	40	54	40	66	40	61	40	59	40	55	40
6	37	59	42	56	41	51	42	51	42	61	43	59	42	58	42	54	41
7	38	63	40	58	43	54	45	54	44	68	42	63	44	61	45	58	44
8	39	57	34	55	36	51	40	54	42	62	34	60	37	58	40	56	42
9	40	48	32	46	34	46	37	47	38	55	32	54	34	53	36	54	38
10	41	46	31	45	32	42	36	42	37	54	31	53	33	52	36	52	37
11	42	49	30	45	32	42	35	42	36	57	31	54	33	52	35	50	36
12	43	53	32	49	34	44	36	43	37	59	33	56	34	53	36	50	37
13	44	46	37	44	37	44	38	44	38	51	37	51	38	50	38	49	38
14	45	49	33	46	35	45	38	46	39	54	34	53	36	52	38	51	39
15	46	56	33	55	34	48	38	48	38	60	33	59	35	56	37	53	38
16	47	59	34	55	36	48	38	46	40	63	34	60	36	55	38	52	39
17	48	60	40	56	38	50	40	48	41	64	40	62	39	58	40	55	41
18	49	46	35	51	37	46	40	46	41	52	36	52	38	53	40	52	41
19	50	47	34	44	36	43	37	44	39	55	35	54	36	54	38	54	39
20	51	44	35	43	36	42	38	43	39	52	36	51	37	51	38	50	39
21	52	47	37	45	38	43	38	43	39	53	38	52	38	52	38	50	38
22	53	63	36	58	38	50	40	48	40	63	37	60	40	58	40	54	40
23	54	66	41	60	41	52	42	50	42	68	43	63	42	61	42	57	42
24	55	62	41	58	42	53	45	51	45	67	43	63	44	61	45	58	46
25	56	65	40	61	42	54	45	52	45	70	42	64	44	62	46	58	46
26	57	61	41	57	43	53	46	51	46	66	42	62	44	59	46	58	47
27	58	65	40	61	42	54	46	52	46	70	40	63	43	61	46	58	47
28	59	63	46	59	45	53	46	52	46	65	46	61	45	60	46	57	47
29	60	53	39	51	41	51	44	51	45	57	40	56	41	56	44	56	45
30	61	67	43	62	44	55	44	52	44	67	44	62	44	61	44	58	45
Sums		1641	1092	1561	1127	1442	1191	1458	1211	1792	1114	1716	1147	1675	1191	1614	1213
Averages		54.7	36.4	52.0	37.6	48.1	39.7	48.6	40.4	59.7	37.1	57.2	38.2	55.8	39.7	53.8	40.4

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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	32	45	0		0
2	33	30	0		0
3	34	22	3		0
4	35	14	11		0
5	36	17	8		0
6	37	10	15		0
7	38	9	16		0
8	39	27	0		0
9	40	39	0		0
10	41	42	0		0
11	42	34	0		0
12	43	28	0		0
13	44	23	2		0
14	45	28	0		0
15	46	28	0		0
16	47	22	3		0
17	48	15	10		0
18	49	31	0		0
19	50	28	0		0
20	51	31	0		0
21	52	27	0		0
22	53	20	5		0
23	54	17	8		0
24	55	15	10		0
25	56	18	7		0
26	57	16	9		0
27	58	18	7		0
28	59	14	11		0
29	60	19	6		0
30	61	11	14		0
Sums for month		698	145		0

6578 Accumulated heating degree days since July 1
 215 Accumulated growing degree days since Jan. 1
 0 Accumulated cooling degree days since Apr. 1