

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, 2000

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	51	31	41	81	33	57	100	481	106	0	0	0	0
2	33	63	40	51	92	20	56	219	413	129	T	0	0	0
3	34	52	45	48	96	66	81	31	67	62	20	0	0	0
4	35	54	45	49	97	94	95	15	85	81	64	0	0	0
5	36	50	30	40	97	63	80	56	110	102	5	0	0	0
6	37	37	28	32	91	62	76	49	170	158	4	0	0	
7	38	58	35	46	83	42	62	123	352	145	0	0	0	0
8	39	51	39	45	97	46	71	69	284	196	10	0	0	0
9	40	45	24	34	97	73	85	11	38	35	60	10	0	0
10	41	45	23	34	97	29	63	65	436	179	T	T	0	0
11	42	38	28	33	96	55	75	53	248	209	1	0	0	
12	43	35	28	31	97	64	80	17	101	96	12	0	0	
13	44	41	27	34	91	46	68	47	394	278	0	0	0	0
14	45	48	30	39	80	21	50	117	515	103	0	0	0	0
15	46	69	40	54	83	28	55	214	532	93	0	0	0	0
16	47	76	43	59	92	42	67	205	404	141	0	0	0	0
17	48	46	37	41	94	66	80	39	118	110	0	0	0	0
18	49	41	37	39	97	71	84	19	63	58	38	0	0	0
19	50	45	38	41	97	84	90	23	133	126	T	0	0	0
20	51	54	42	48	97	76	86	41	170	161	0	0	0	0
21	52	56	45	50	97	70	83	35	134	124	78	0	0	0
22	53	52	40	46	98	82	90	23	83	78	25	0	0	0
23	54	43	37	40	98	92	95	10	113	105	34	0	0	0
24	55	44	37	40	81	38	59	140	132	95	T	0	0	0
25	56	57	35	46	81	31	56	124	586	69	0	0	0	0
26	57	55	32	43	90	42	66	111	599	74	0	0	0	0
27	58	54	35	44	98	66	82	30	516	146	T	0	0	0
28	59	48	36	42	88	34	61	140	272	212	3	0	0	3
29	60	61	38	49	81	25	53	203	586	86	0	0	0	45
30	61	68	38	53	68	20	44	203	590	90	0	0	0	309
Sums		1537	1063	1292	2732	1581	2150	2532	8725	3647	354	10	0	357
Average		51.2	35.4	43.1	91.1	52.7	71.7	.084	290.8	121.6	.12	0.0	.0	.012

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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	32	55	31	51	33	45	36	44	37	56	30	52	32	49	36	44	36
2	33	56	35	53	34	48	37	47	38	59	33	53	34	50	35	47	37
3	34	50	41	49	41	48	41	47	41	52	42	50	40	49	41	48	40
4	35	54	43	51	42	49	42	49	42	54	43	52	42	51	42	49	41
5	36	52	32	50	34	49	39	49	40	52	32	52	34	51	37	50	40
6	37	42	30	42	32	43	35	44	36	43	30	44	31	43	33	44	35
7	38	53	33	49	34	45	37	45	37	54	33	49	33	47	35	45	36
8	39	55	38	51	38	47	38	47	39	55	37	52	37	48	38	47	39
9	40	46	32	46	33	46	36	46	37	47	31	47	33	47	35	46	37
10	41	42	30	41	31	42	34	43	36	46	30	44	31	47	33	44	35
11	42	41	29	40	30	40	33	42	34	43	29	41	30	41	32	43	33
12	43	38	29	38	30	39	33	40	34	38	29	38	30	39	32	40	33
13	44	46	28	44	29	42	32	41	33	47	28	45	30	44	32	43	33
14	45	54	32	50	33	44	34	44	35	56	31	51	32	47	33	46	35
15	46	58	37	54	36	48	38	47	38	61	37	55	36	51	36	47	38
16	47	63	46	58	46	52	44	51	44	66	46	60	46	55	45	52	44
17	48	51	38	51	40	50	42	50	42	53	37	52	39	52	41	51	41
18	49	45	38	45	39	46	40	46	40	46	38	45	38	46	39	46	40
19	50	48	39	46	39	46	40	46	40	49	39	47	39	46	39	46	39
20	51	54	41	51	40	48	42	48	42	56	42	53	41	50	41	48	41
21	52	54	46	52	44	50	43	49	43	57	45	53	45	52	44	50	43
22	53	52	42	51	43	50	44	50	44	54	42	52	42	52	43	51	44
23	54	49	38	49	39	48	41	49	41	50	38	49	39	49	40	48	41
24	55	46	37	46	38	46	40	47	40	46	36	46	37	46	39	46	40
25	56	60	38	56	39	50	40	49	41	62	36	58	38	53	40	50	41
26	57	60	37	56	38	50	42	50	42	62	34	57	38	54	40	50	42
27	58	61	40	56	41	51	42	50	43	62	38	57	39	53	40	50	42
28	59	55	40	53	41	50	43	50	43	56	38	53	40	51	42	50	43
29	60	64	41	60	42	53	44	52	44	67	39	62	41	56	42	52	44
30	61	66	42	62	44	55	46	53	47	69	40	64	43	58	45	54	46
Sums		1570	1103	1501	1123	1420	1178	1415	1193	1618	1083	1533	1110	1477	1150	1427	1179
Averages	52.3 36.8	50.0	37.4	47.3	39.3	47.2	39.8	53.9	36.1	51.1	37.0	49.2	38.3	47.6	39.3		

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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	24	1		0
2	33	14	11		0
3	34	17	8		0
4	35	16	9		0
5	36	25	0		0
6	37	33	0		0
7	38	19	6		0
8	39	20	5		0
9	40	31	0		0
10	41	31	0		0
11	42	32	0		0
12	43	34	0		0
13	44	31	0		0
14	45	26	0		0
15	46	11	14		0
16	47	6	19		0
17	48	24	1		0
18	49	26	0		0
19	50	24	1		0
20	51	17	8		0
21	52	15	10		0
22	53	19	6		0
23	54	25	0		0
24	55	25	0		0
25	56	19	6		0
26	57	22	3		0
27	58	21	4		0
28	59	23	2		0
29	60	16	9		0
30	61	12	13		0
Sums for month		658	136		0

6253 Accumulated heating degree days since July 1
 286 Accumulated growing degree days since Jan. 1
 0 Accumulated cooling degree days since Apr. 1