

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 1998

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	83	44	63	100	30	65	0	0	0	0	0	0	0
2	33	64	45	54	100	66	83	0	0	0	45	0	0	0
3	34	51	38	44	100	58	79	0	0	0	21	0	0	0
4	35	47	35	41	100	48	74	0	0	0	0	0	0	0
5	36	37	34	35	76	38	57	0	0	0	0	0	0	0
6	37	47	32	39	88	40	64	0	0	0	0	0	0	0
7	38	52	33	42	80	28	54	0	0	0	0	0	0	0
8	39	57	37	47	74	26	50	0	0	0	0	0	0	0
9	40	47	39	43	100	62	81	0	0	0	38	0	0	0
10	41	46	34	40	100	46	73	0	0	0	41	0	0	0
11	42	47	33	40	58	52	55	0	0	0	T	0	0	0
12	43	53	29	41	80	32	56	0	0	0	T	0	0	0
13	44	62	29	45	100	58	79	0	0	0	0	0	0	0
14	45	66	30	48	84	52	68	0	0	0	0	0	0	0
15	46	67	48	57	100	30	65	0	30	28	8	0	0	0
16	47	54	44	49	100	92	96	0	96	90	6	0	0	0
17	48	65	48	56	100	56	78	0	93	87	5	0	0	0
18	49	62	39	50	44	42	43	0	283	170	17	0	0	0
19	50	60	44	52	76	48	62	0	410	180	0	0	0	0
20	51	60	40	50	100	60	80	0	94	88	95	0	0	0
21	52	57	40	48	100	30	65	0	452	179	1	0	0	0
22	53	63	38	50	78	30	54	0	580	75	0	0	0	0
23	54	66	42	54	72	24	48	0	504	157	0	0	0	0
24	55	62	45	53	74	24	49	0	420	272	0	0	0	0
25	56	68	40	54	78	44	61	0	498	156	0	0	0	0
26	57	53	40	46	62	42	52	0	505	136	0	0	0	0
27	58	46	29	37	82	38	60	0	201	146	0	0	0	0
28	59	47	33	40	76	37	56	0	573	125	0	0	0	0
29	60	55	33	44	85	29	57	0	591	96	0	0	0	207
30	61	69	42	55	73	18	45	0	518	143	0	0	0	153
Sums		1713	1137	1417	2540	1280	1909	0	5848	2128	277	0	0	360
Average		57.1	37.9	47.2	84.7	42.7	63.6	.000	365.5	133.0	.09	.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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	46	60	0	56	0	53	0	52	0	63	0	59	0	58	0	56	0
16	47	56	45	55	45	53	46	52	46	57	45	56	46	56	47	55	46
17	48	57	47	56	46	53	46	52	46	58	48	56	46	56	46	55	46
18	49	60	40	57	42	54	45	53	46	61	38	58	41	56	44	56	45
19	50	59	44	57	44	53	44	52	45	61	43	56	42	56	44	54	45
20	51	52	42	52	43	51	44	51	44	53	42	52	42	52	44	51	44
21	52	59	40	56	42	52	44	52	44	60	39	57	42	57	44	54	44
22	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	54	56	44	57	46	56	48	54	49	61	44	60	46	59	48	56	48
24	55	64	44	60	46	56	47	54	48	66	44	62	46	58	48	56	48
25	56	64	44	61	45	57	48	55	48	70	44	62	46	60	48	57	48
26	57	62	44	60	45	55	47	54	48	68	44	62	46	59	47	56	47
27	58	53	36	53	38	52	42	52	44	54	34	53	38	53	41	53	43
28	59	60	39	57	40	52	42	51	44	63	38	58	39	56	41	54	43
29	60	65	40	60	42	54	43	53	44	69	39	61	42	57	43	56	44
30	61	69	46	65	46	57	45	55	46	73	46	65	43	61	46	56	45
Sums		896	595	862	610	808	631	792	642	937	588	877	605	854	631	825	636
Averages		59.7	42.5	57.5	43.6	53.9	45.1	52.8	45.9	62.5	42.0	58.5	43.2	56.9	45.1	55.0	45.4

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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	2	23		0
2	33	11	14		0
3	34	21	4		0
4	35	24	1		0
5	36	30	0		0
6	37	26	0		0
7	38	23	2		0
8	39	18	7		0
9	40	22	3		0
10	41	25	0		0
11	42	25	0		0
12	43	24	1		0
13	44	20	5		0
14	45	17	8		0
15	46	8	17		0
16	47	16	9		0
17	48	9	16		0
18	49	15	10		0
19	50	13	12		0
20	51	15	10		0
21	52	17	8		0
22	53	15	10		0
23	54	11	14		0
24	55	12	13		0
25	56	11	14		0
26	57	19	6		0
27	58	28	0		0
28	59	25	0		0
29	60	21	4		0
30	61	10	15		0
Sums for month		533	226		0

6181 Accumulated heating degree days since July 1  
 375 Accumulated growing degree days since Jan. 1  
 0 Accumulated cooling degree days since Apr. 1