

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 2003

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	32	33	17	25	94	40	67	45	379	169	3	5	0	0
2	33	39	23	31	94	58	76	29	107	103	T	0	0	0
3	34	41	31	36	96	83	89	17	107	103	T	0	0	0
4	35	33	27	30	96	95	95	7	42	40	54	0	0	0
5	36	38	29	33	96	89	92	8	50	48	74	0	0	0
6	37	48	22	35	91	57	74	47	160	142	T	T	0	0
7	38	34	20	27	85	40	62	49	464	208	0	0	0	0
8	39	32	24	28	96	53	74	21	130	125	28	25	0	0
9	40	35	26	30	96	85	90	12	154	149	1	0	0	0
10	41	35	25	30	96	85	90	12	174	166	T	0	0	0
11	42	53	27	40	96	34	65	51	519	468	0	0	0	0
12	43	50	31	40	90	42	66	93	255	241	0	0	0	0
13	44	55	30	42	75	39	57	115	600	593	0	0	0	0
14	45	48	29	38	79	33	56	104	614	586	0	0	0	0
15	46	77	33	55	61	16	38	323	587	567	0	0	0	0
16	47	84	54	69	86	14	50	575	533	520	0	0	0	0
17	48	54	28	41	84	38	61	87	298	257	0	0	0	0
18	49	45	30	37	57	31	44	142	277	246	0	0	0	0
19	50	53	37	45	89	53	71	90	427	275	T	0	0	0
20	51	65	44	54	88	51	69	134	430	279	0	0	0	0
21	52	71	51	61	79	18	48	324	437	223	T	0	0	0
22	53	65	47	56	92	63	77	79	249	181	7	0	0	0
23	54	53	30	41	93	75	84	37	91	85	12	0	0	0
24	55	36	29	32	88	70	79	40	255	222	2	0	0	0
25	56	55	31	43	75	16	45	170	636	98	0	0	0	0
26	57	61	39	50	81	27	54	184	568	123	0	0	0	0
27	58	51	34	42	96	50	73	46	144	97	0	0	0	0
28	59	64	41	52	67	20	43	226	641	79	0	0	0	0
29	60	79	48	63	64	12	38	432	610	122	0	0	0	0
30	61	67	41	54	70	33	51	172	608	149	0	0	0	0
Sums		1554	978	1260	2550	1420	1978	3671	10546	6664	181	30	0	0
Average		51.8	32.6	42.0	85.0	47.3	65.9	.122	351.5	222.1	.06	.1	.0	.000

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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	45	31	46	32	46	35	41	35	44	31	45	32	42	33	47	34
2	33	38	32	39	32	39	35	39	35	38	31	38	31	39	33	39	34
3	34	46	34	43	34	41	35	41	35	46	34	43	34	42	35	41	35
4	35	38	31	38	31	40	34	40	35	39	31	39	32	40	33	40	34
5	36	36	31	36	32	38	34	39	34	37	31	37	32	38	32	39	33
6	37	47	32	44	32	41	34	41	35	47	31	44	32	43	33	42	33
7	38	48	31	45	32	41	34	40	35	48	31	46	32	42	33	40	34
8	39	36	30	36	31	38	33	39	34	38	31	37	31	42	32	39	32
9	40	36	30	35	30	37	33	38	33	35	31	36	31	37	32	42	32
10	41	35	30	35	31	37	32	37	33	36	31	37	31	37	31	38	32
11	42	52	30	48	31	42	32	41	33	53	31	47	31	43	32	41	33
12	43	48	33	46	33	43	35	42	35	49	32	46	33	44	34	42	36
13	44	58	33	54	34	47	36	45	37	58	33	53	35	49	36	45	37
14	45	57	33	54	34	47	37	45	38	58	33	53	34	49	36	45	37
15	46	60	36	55	35	49	37	47	38	64	35	57	35	51	36	48	37
16	47	65	47	60	44	53	43	51	44	72	47	64	44	58	43	52	43
17	48	54	34	53	36	51	40	50	42	57	35	55	37	54	39	52	41
18	49	48	35	47	36	46	39	46	40	51	36	48	37	47	39	46	40
19	50	54	39	51	37	48	39	47	40	57	40	53	39	50	39	47	40
20	51	60	43	56	42	52	42	50	42	62	44	58	42	54	42	50	42
21	52	64	48	59	46	55	45	52	45	67	49	60	46	57	45	53	45
22	53	61	47	58	46	54	47	52	46	63	47	59	48	56	48	53	47
23	54	53	35	51	37	51	42	52	42	54	36	53	38	52	41	53	43
24	55	44	33	44	34	45	38	50	37	46	33	45	35	46	37	49	38
25	56	58	34	54	34	49	38	48	39	60	34	54	36	51	37	48	39
26	57	66	42	60	40	54	41	52	41	69	42	62	40	56	41	52	41
27	58	53	36	51	38	49	42	50	43	53	37	52	39	50	41	49	43
28	59	66	41	61	40	54	42	52	43	68	41	62	41	57	41	53	43
29	60	72	49	66	47	57	45	55	46	75	48	68	46	60	47	56	45
30	61	70	44	65	46	59	49	56	49	72	45	67	47	61	48	57	49
Sums		1568	1084	1490	1087	1403	1148	1378	1164	1616	1091	1518	1101	1447	1129	1398	1152
Averages		52.3	36.1	49.7	36.2	46.8	38.3	45.9	38.8	53.9	36.4	50.6	36.7	48.2	37.6	46.6	38.4

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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	40	0		0
2	33	34	0		0
3	34	29	0		0
4	35	35	0		0
5	36	32	0		0
6	37	30	0		0
7	38	38	0		0
8	39	37	0		0
9	40	35	0		0
10	41	35	0		0
11	42	25	0		0
12	43	25	0		0
13	44	23	2		0
14	45	27	0		0
15	46	10	15		0
16	47	0	29		4
17	48	24	1		0
18	49	28	0		0
19	50	20	5		0
20	51	11	14		0
21	52	4	21		0
22	53	9	16		0
23	54	24	1		0
24	55	33	0		0
25	56	22	3		0
26	57	15	10		0
27	58	23	2		0
28	59	13	12		0
29	60	2	23		0
30	61	11	14		0
Sums for month		694	168		4
7032	Accumulated heating degree days since July 1				
249	Accumulated growing degree days since Jan. 1				
4	Accumulated cooling degree days since Apr. 1				