

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 2004

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	53	39	46	98	66	82	41	87	83	1	0	0	0
2	33	41	36	38	98	98	98	5	174	164	74	0	0	0
3	34	42	32	37	98	93	95	7	221	186	6	0	0	0
4	35	42	33	37	98	81	89	17	580	83	16	0	0	0
5	36	34	19	26	97	59	78	16	498	104	8	14	0	0
6	37	33	18	25	78	42	60	62	79	75	0	0	0	0
7	38	46	25	35	97	23	60	71	386	237	5	0	0	0
8	39	38	30	34	97	80	88	20	454	133	T	0	0	0
9	40	53	32	42	92	42	67	82	408	221	T	0	0	0
10	41	49	32	40	82	29	55	112	133	551	0	0	0	0
11	42	50	29	39	83	41	62	86	300	206	0	0	0	0
12	43	46	30	38	82	32	57	97	86	81	0	0	0	0
13	44	49	32	40	99	36	67	87	302	135	38	0	0	0
14	45	44	34	39	99	88	93	8	609	80	133	0	0	0
15	46	49	34	41	98	46	72	70	572	114	T	0	0	0
16	47	49	30	39	82	26	54	112	256	207	0	0	0	0
17	48	61	37	49	63	20	41	248	217	177	0	0	0	0
18	49	76	45	60	98	39	68	105	203	182	3	0	0	0
19	50	70	40	55	98	32	65	145	355	231	64	0	0	0
20	51	80	42	61	91	30	60	229	448	246	12	0	0	0
21	52	52	40	46	90	55	72	74	287	242	1	0	0	0
22	53	74	52	63	98	48	73	152	298	237	44	0	0	0
23	54	59	41	50	91	64	77	81	582	119	2	0	0	0
24	55	55	41	48	93	62	77	60	115	107	0	0	0	0
25	56	53	36	44	73	38	55	142	204	179	0	0	0	0
26	57	52	39	45	93	41	67	67	530	240	6	0	0	0
27	58	57	42	49	95	56	75	79	612	191	0	0	0	0
28	59	52	30	41	88	40	64	91	613	119	0	0	0	0
29	60	63	32	47	66	31	48	191	474	178	0	0	0	0
30	61	83	58	70	62	18	40	490	384	226	0	0	0	0
Sums		1605	1060	1324	2677	1456	2059	3047	10467	5334	413	14	0	0
Average		53.5	35.3	44.1	89.2	48.5	68.6	.102	348.9	177.8	.14	0.0	.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	47	35	46	36	45	39	45	39	48	34	47	36	46	38	48	39
2	33	49	36	48	36	45	39	45	39	50	36	48	36	47	38	46	39
3	34	43	31	43	32	43	36	44	36	43	32	43	33	44	35	46	30
4	35	36	31	37	32	40	34	42	35	40	31	38	32	45	34	42	35
5	36	50	32	48	32	43	34	43	36	51	32	47	33	44	34	42	35
6	37	43	31	42	32	42	35	43	36	43	31	43	32	43	34	42	35
7	38	55	32	51	32	46	35	45	36	57	32	51	32	48	34	45	35
8	39	56	34	52	35	48	38	47	39	55	34	52	36	49	37	47	39
9	40	54	32	51	33	47	38	46	39	55	32	51	34	49	36	46	39
10	41	59	33	55	34	48	38	47	39	60	34	55	34	51	37	47	38
11	42	54	38	51	37	47	39	47	40	55	39	50	38	49	38	46	40
12	43	48	37	47	38	46	40	46	40	48	37	47	38	47	39	46	40
13	44	51	33	50	34	46	37	46	39	53	33	50	34	47	37	46	39
14	45	57	32	54	34	49	38	47	39	57	32	54	34	50	37	47	38
15	46	61	37	56	35	51	38	49	40	62	37	57	35	53	38	49	39
16	47	61	44	59	45	53	45	52	44	62	45	58	45	55	45	52	45
17	48	59	49	57	47	53	46	52	46	61	49	58	48	55	46	53	46
18	49	62	43	61	44	56	48	54	48	63	44	60	45	58	47	55	47
19	50	64	42	60	43	55	46	53	47	64	43	59	44	57	45	54	46
20	51	64	50	61	48	57	47	55	47	66	49	61	48	59	47	55	47
21	52	63	45	60	46	57	49	55	49	63	45	61	47	59	48	56	49
22	53	62	42	61	44	56	48	55	48	64	42	60	45	58	47	55	48
23	54	64	40	61	41	56	45	54	47	66	40	61	42	58	44	55	46
24	55	51	41	50	42	50	45	50	46	52	41	50	42	50	44	50	45
25	56	56	40	55	41	53	45	52	46	56	40	55	42	54	44	52	45
26	57	61	35	59	37	53	43	52	45	63	35	59	38	56	41	53	44
27	58	63	40	60	40	54	43	52	44	65	40	60	39	56	41	53	43
28	59	78	52	72	49	61	49	58	47	80	52	72	50	65	48	59	48
29	60	81	56	74	56	64	55	61	54	82	57	74	57	68	56	62	55
30	61	77	58	72	57	64	58	62	57	77	58	73	58	68	58	63	57
Sums		1729	1181	1653	1192	1528	1270	1499	1287	1761	1186	1654	1207	1588	1247	1512	1271
Averages		57.6	39.4	55.1	39.7	50.9	42.3	50.0	42.9	58.7	39.5	55.1	40.2	52.9	41.6	50.4	42.4

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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	19	6		0
2	33	27	0		0
3	34	28	0		0
4	35	28	0		0
5	36	39	0		0
6	37	40	0		0
7	38	30	0		0
8	39	31	0		0
9	40	23	2		0
10	41	25	0		0
11	42	26	0		0
12	43	27	0		0
13	44	25	0		0
14	45	26	0		0
15	46	24	1		0
16	47	26	0		0
17	48	16	9		0
18	49	5	20		0
19	50	10	15		0
20	51	4	21		0
21	52	19	6		0
22	53	2	23		0
23	54	15	10		0
24	55	17	8		0
25	56	21	4		0
26	57	20	5		0
27	58	16	9		0
28	59	24	1		0
29	60	18	7		0
30	61	0	30		5
Sums for month		631	177		5
6444	Accumulated heating degree days since July 1				
270	Accumulated growing degree days since Jan. 1				
5	Accumulated cooling degree days since Apr. 1				