

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

2001

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum.		Pct Avg	VPD Thou In/Hg	Solar Rad Gm Cal/Cm2 Total Diff		PPT Hund Ins	Snow Tnth Ins	Mi. Wind 1.5 Ft	Pan Thou In Evap
1	32	34	30	32	100	90	95	5	86	82	T	0	0	0
2	33	36	31	33	100	77	88	14	139	134	T	T	0	0
3	34	37	29	33	100	76	88	14	162	137	T	0	0	0
4	35	46	26	36	99	50	74	60	434	192	0	0	0	0
5	36	52	27	39	80	24	52	127	520	65	0	0	0	0
6	37	55	32	43	87	27	57	162	485	73	T	0	0	0
7	38	49	34	41	100	84	92	9	95	91	T	0	0	0
8	39	46	38	42	99	81	90	28	127	119	31	0	0	0
9	40	78	39	58	91	27	59	165	498	104	0	0	0	0
10	41	61	36	48	99	49	74	56	362	141	11	0	0	0
11	42	54	37	45	100	56	78	67	372	204	0	0	0	0
12	43	58	41	49	98	54	76	69	208	191	21	0	0	0
13	44	73	49	61	97	44	70	174	348	131	1	0	0	0
14	45	57	34	45	84	41	62	122	350	182	0	0	0	0
15	46	58	38	48	94	34	64	121	497	124	0	0	0	0
16	47	56	39	47	80	48	64	134	295	240	0	0	0	0
17	48	54	36	45	91	24	57	135	418	236	0	0	0	0
18	49	46	29	37	86	32	59	95	288	203	0	0	0	0
19	50	38	28	33	81	44	62	73	343	228	0	0	0	0
20	51	50	30	40	82	23	52	121	562	118	0	0	0	0
21	52	64	33	48	97	30	63	132	327	189	T	0	0	0
22	53	69	48	58	94	56	75	112	231	189	50	0	0	0
23	54	73	51	62	92	38	65	169	496	144	T	0	0	0
24	55	87	57	72	76	30	53	434	451	279	0	0	0	0
25	56	62	33	47	93	49	71	93	216	193	1	0	0	0
26	57	55	31	43	86	28	57	126	532	150	0	0	0	0
27	58	64	36	50	88	18	53	246	571	92	1	0	0	0
28	59	65	33	49	88	30	59	151	472	187	0	0	0	0
29	60	50	35	42	68	26	47	153	612	84	0	0	0	0
30	61	61	35	48	85	19	52	185	597	101	0	0	0	0
Sums		1688	1075	1374	2715	1309	2008	3552	11094	4603	116	0	0	0
Average		56.3	35.8	45.8	90.5	43.6	66.9	.118	369.8	153.4	.04	.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	35	31	34	31	35	32	36	32	37	31	35	31	36	32	36	32
2	33	34	31	35	31	36	32	36	32	35	31	35	31	37	32	36	32
3	34	35	31	34	31	36	32	36	32	35	31	37	31	36	32	37	32
4	35	41	31	40	31	37	32	37	32	37	31	37	31	37	32	37	32
5	36	51	32	47	32	42	33	41	41	54	31	48	32	45	32	41	32
6	37	55	33	50	33	45	35	44	35	57	32	51	33	48	35	44	35
7	38	48	38	46	38	44	39	43	38	49	38	47	38	46	38	44	38
8	39	47	39	45	39	44	39	44	39	48	39	46	39	45	39	43	39
9	40	60	41	55	42	49	41	48	41	61	41	57	42	52	41	48	40
10	41	60	40	56	41	50	43	49	43	62	40	57	41	53	43	49	43
11	42	58	41	55	41	50	43	49	43	59	40	55	42	52	43	49	43
12	43	55	41	52	43	49	43	48	43	56	43	53	43	51	44	48	43
13	44	62	44	57	45	53	45	51	44	64	44	59	46	55	46	52	44
14	45	55	36	52	38	51	42	50	43	56	36	54	38	52	41	51	43
15	46	59	39	56	39	51	42	50	42	60	40	57	39	53	41	50	42
16	47	57	41	55	42	51	44	50	44	58	41	55	42	53	43	50	44
17	48	58	40	54	41	51	44	50	44	59	40	55	42	53	43	53	42
18	49	52	34	50	36	48	40	48	41	53	33	50	36	49	38	48	41
19	50	47	32	46	34	44	38	45	40	49	32	46	34	46	36	45	38
20	51	55	32	51	34	47	37	46	39	57	32	52	34	50	36	47	38
21	52	57	35	52	36	48	39	47	40	59	35	53	36	50	38	48	40
22	53	59	46	56	44	52	44	50	44	61	45	57	44	54	44	51	44
23	54	68	51	64	51	57	50	54	49	71	51	64	51	60	51	56	49
24	55	73	52	67	51	60	51	57	50	76	53	69	51	63	51	59	50
25	56	60	41	59	42	58	47	56	48	63	40	61	43	59	46	57	48
26	57	65	40	60	42	56	46	54	47	67	40	62	43	58	45	55	46
27	58	68	41	63	42	56	46	54	47	70	42	65	43	60	45	56	46
28	59	66	42	62	44	57	49	56	49	70	41	64	44	60	48	56	49
29	60	64	40	60	42	56	46	55	48	65	40	60	42	58	46	55	48
30	61	69	43	63	43	57	46	56	47	72	41	65	43	61	45	56	47
Sums		1673	1158	1576	1179	1470	1240	1440	1257	1720	1154	1606	1185	1532	1226	1457	1240
Averages		55.8	38.6	52.5	39.3	49.0	41.3	48.0	41.9	57.3	38.5	53.5	39.5	51.1	40.9	48.6	41.3

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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	33	0		0
2	33	32	0		0
3	34	32	0		0
4	35	29	0		0
5	36	26	0		0
6	37	22	3		0
7	38	24	1		0
8	39	23	2		0
9	40	7	18		0
10	41	17	8		0
11	42	20	5		0
12	43	16	9		0
13	44	4	21		0
14	45	20	5		0
15	46	17	8		0
16	47	18	7		0
17	48	20	5		0
18	49	28	0		0
19	50	32	0		0
20	51	25	0		0
21	52	17	8		0
22	53	7	18		0
23	54	3	22		0
24	55	0	32		7
25	56	18	7		0
26	57	22	3		0
27	58	15	10		0
28	59	16	9		0
29	60	23	2		0
30	61	17	8		0
Sums for month		583	211		7

6869 Accumulated heating degree days since July 1
 213 Accumulated growing degree days since Jan. 1
 7 Accumulated cooling degree days since Apr. 1