

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

2011

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	40	33	36	100	87	93	0	108	104	3	0	0	0
2	33	41	34	37	100	61	80	0	187	186	1	0	0	0
3	34	50	34	42	89	42	65	1	347	318	0	0	0	0
4	35	51	35	43	100	39	69	1	381	379	33	0	0	0
5	36	65	36	50	100	75	87	0	110	105	32	0	0	0
6	37	39	33	36	98	59	78	0	137	128	3	0	0	0
7	38	45	31	38	100	46	73	0	200	192	1	0	0	0
8	39	52	32	42	100	49	74	1	461	437	0	0	0	0
9	40	49	32	40	98	47	72	1	242	232	0	0	0	0
10	41	58	38	48	100	65	82	0	518	483	0	0	0	0
11	42	65	42	53	93	73	83	1	237	231	0	0	0	0
12	43	83	41	62	90	42	66	2	293	287	0	0	0	0
13	44	52	42	47	100	45	72	1	363	348	68	0	0	0
14	45	46	36	41	100	75	87	0	98	81	5	0	0	0
15	46	50	29	39	86	55	70	1	451	219	0	0	0	0
16	47	50	31	40	90	40	65	1	454	139	T	0	0	0
17	48	60	38	49	100	65	82	0	94	91	53	0	0	0
18	49	52	34	43	99	50	74	1	252	175	3	0	0	0
19	50	44	33	38	100	60	80	0	155	144	T	0	0	0
20	51	49	34	41	100	83	91	0	100	99	133	0	0	0
21	52	64	37	50	100	63	81	0	305	175	8	0	0	0
22	53	46	31	38	96	55	75	0	259	205	0	0	0	0
23	54	64	33	48	100	48	74	0	275	227	54	0	0	0
24	55	68	46	57	95	74	84	1	401	230	10	0	0	0
25	56	51	42	46	100	85	92	0	137	136	2	0	0	0
26	57	55	46	50	100	80	90	0	141	140	47	0	0	0
27	58	74	49	61	100	81	90	0	345	208	96	0	0	0
28	59	88	62	75	100	63	81	1	390	203	81	0	0	0
29	60	77	45	61	98	60	79	2	489	116	0	0	0	0
30	61	53	41	47	98	47	72	1	264	217	3	0	0	0
Sums		1681	1130	1398	2930	1814	2361	16	8194	6235	636	0	0	0
Average		56.0	37.7	46.6	97.7	60.5	78.7	0.001	273.1	207.8	0.21	0.0	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	39	25	37	26	36	27	35	27	40	25	38	26	37	27	35	27
2	33	35	23	34	24	32	27	32	27	37	24	35	25	34	27	32	27
3	34	43	24	39	26	36	28	35	29	45	25	40	26	38	27	35	29
4	35	46	27	42	27	41	28	41	30	48	27	43	27	41	28	41	29
5	36	43	32	44	33	41	35	40	35	48	32	45	34	43	36	41	35
6	37	34	22	35	23	37	27	37	28	35	23	35	24	37	26	37	28
7	38	37	36	36	27	34	28	33	29	38	25	36	26	35	28	33	28
8	51	43	32	41	32	40	33	40	34	43	31	41	31	41	32	40	33
9	39	51	27	45	29	39	32	37	31	54	26	47	29	42	31	37	32
10	40	44	30	42	31	40	34	39	34	45	30	43	31	41	33	39	34
11	41	55	35	50	34	44	34	43	34	57	35	51	32	47	33	43	33
12	42	51	42	47	40	46	40	45	40	52	42	48	40	47	40	45	39
13	43	58	39	52	41	49	42	48	40	63	40	56	42	53	44	49	41
14	44	55	42	51	42	48	44	48	44	62	42	55	43	52	44	48	44
15	45	46	33	44	35	44	38	45	38	47	32	45	34	45	37	45	38
16	46	51	31	48	34	45	37	45	37	55	30	50	36	47	36	45	37
17	47	55	36	49	36	44	37	45	38	56	35	50	35	46	37	44	38
18	48	44	31	44	33	44	36	44	36	45	31	44	33	44	35	44	36
19	49	43	26	40	28	39	31	39	33	44	25	42	27	40	30	38	32
20	50	40	27	37	29	37	31	37	32	42	26	38	28	37	30	37	31
21	52	53	30	47	32	43	34	41	36	55	30	50	32	45	34	42	36
22	53	40	26	38	28	37	31	37	33	42	25	40	27	38	30	37	32
23	54	49	35	45	35	43	36	43	37	51	34	46	33	44	35	43	36
24	55	55	39	49	40	45	40	44	38	57	39	51	39	47	40	44	39
25	56	49	37	46	38	44	40	44	40	51	36	48	38	46	39	44	40
26	57	50	42	47	42	46	41	45	41	52	42	49	42	47	41	45	41
27	58	61	46	55	44	52	43	51	43	66	47	59	45	55	44	52	43
28	59	67	55	61	52	56	50	55	48	70	57	64	54	59	52	56	49
29	60	65	45	60	46	55	47	54	48	69	43	64	45	59	46	46	48
30	61	59	43	54	43	50	43	50	43	64	42	58	42	53	42	49	43
Sums		1461	1018	1359	1030	1287	1074	1272	1083	1533	1001	1411	1026	1340	1064	1266	1078
Averages		48.7	33.9	45.3	34.3	42.9	35.8	42.4	36.1	51.1	33.4	47.0	34.2	44.7	35.5	42.2	35.9

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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	29	0		0
2	33	28	0		0
3	34	23	2		0
4	35	22	3		0
5	36	15	10		0
6	37	29	0		0
7	38	27	0		0
8	39	23	2		0
9	40	25	0		0
10	41	17	8		0
11	42	12	13		0
12	43	3	22		0
13	44	18	7		0
14	45	24	1		0
15	46	26	0		0
16	47	25	0		0
17	48	16	9		0
18	49	22	3		0
19	50	27	0		0
20	51	24	1		0
21	52	15	10		0
22	53	27	0		0
23	54	17	8		0
24	55	8	17		0
25	56	19	6		0
26	57	15	10		0
27	58	4	21		0
28	59	0	35		10
29	60	4	21		0
30	61	18	7		0
Sums for month		562	216		10

6039 Accumulated heating degree days since July 1
244 Accumulated growing degree days since Jan. 1
10 Accumulated cooling degree days since Apr. 1