

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

2009

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	49	29	39	87	60	73	78	404	169	0	0	0	0
2	33	51	38	44	98	64	81	39	120	103	1	0	0	0
3	34	64	40	52	97	30	63	174	430	128	3	0	0	0
4	35	58	35	46	100	83	91	28	87	86	54	0	0	0
5	36	38	32	35	100	80	90	21	140	134	30	0	0	0
6	37	54	35	44	100	55	77	61	461	185	21	0	0	0
7	38	44	26	35	99	73	86	24	153	132	1	0	0	
8	39	33	26	29	96	67	81	30	224	221	T	T	0	0
9	40	44	29	36	89	31	60	103	265	183	0	0	0	0
10	41	54	29	41	91	30	60	122	517	90	0	0	0	0
11	42	57	32	44	82	35	58	111	442	166	0	0	0	0
12	43	44	26	35	76	37	56	88	488	130	0	0	0	0
13	44	40	27	33	88	39	63	74	525	96	0	0	0	0
14	45	48	29	38	72	22	47	129	477	170	0	0	0	0
15	46	58	35	46	72	35	53	165	438	224	0	0	0	0
16	47	59	34	46	74	22	48	170	520	180	0	0	0	0
17	48	55	36	45	64	20	42	179	549	74	0	0	0	0
18	49	66	42	54	44	20	32	323	532	101	0	0	0	0
19	50	68	39	53	97	21	59	147	346	241	0	0	0	0
20	51	57	40	48	86	40	63	159	118	94	0	0	0	0
21	52	47	41	44	99	68	83	32	451	169	12	0	0	0
22	53	62	39	50	100	41	70	70	203	188	3	0	0	0
23	54	49	35	42	98	56	77	54	306	206	8	0	0	0
24	55	52	31	41	98	56	77	64	506	151	0	0	0	0
25	56	76	41	58	79	25	52	316	511	148	0	0	0	0
26	57	87	59	73	95	29	62	355	492	172	1	0	0	0
27	58	69	49	59	97	61	79	66	540	120	0	0	0	0
28	59	88	59	73	85	32	58	367	283	189	0	0	0	0
29	60	81	37	59	100	40	70	53	562	182	23	0	0	0
30	61	62	39	50	92	30	61	126	316	211	0	0	0	0
Sums		1714	1089	1392	2655	1302	1972	3728	11406	4643	157	0	0	0
Average		57.1	36.3	46.4	88.5	43.4	65.7	.124	380.2	154.8	.05	.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	54	26	49	28	42	31	41	33	52	27	47	29	44	31	41	33
2	33	47	32	44	34	41	37	41	38	46	34	43	35	42	37	41	38
3	34	61	39	55	37	46	38	44	39	58	38	53	37	49	38	44	38
4	35	53	31	50	33	47	37	45	38	52	33	50	34	48	37	46	38
5	36	37	26	37	28	38	32	39	34	37	27	37	29	38	32	39	33
6	37	55	31	50	30	42	33	41	34	54	31	49	31	44	32	41	34
7	38	52	26	48	28	43	33	42	35	50	28	47	30	45	33	42	34
8	39	37	23	32	25	35	29	36	30	36	24	35	26	35	28	36	30
9	40	41	24	38	25	35	29	35	30	40	25	38	26	36	28	35	30
10	41	54	24	49	26	41	31	38	32	52	25	47	28	43	30	39	31
11	42	62	27	54	29	43	34	41	35	58	30	50	32	45	34	41	35
12	43	50	22	46	24	41	30	40	32	52	24	47	27	44	30	41	32
13	44	47	21	44	24	39	30	38	31	48	24	45	27	42	30	39	31
14	45	58	23	51	25	41	30	40	31	57	25	50	27	45	30	40	32
15	46	62	32	55	34	46	36	43	37	60	34	54	35	49	37	44	37
16	47	66	29	58	32	47	37	44	39	64	31	57	34	51	37	45	39
17	48	66	30	59	33	48	38	45	39	63	32	57	36	51	38	45	39
18	49	69	41	62	38	51	40	48	41	67	40	60	39	54	40	49	41
19	50	65	40	59	41	52	44	49	45	64	41	59	43	54	45	50	45
20	51	71	44	64	44	53	46	50	46	69	45	62	45	56	46	51	47
21	52	49	39	48	40	50	42	50	43	48	40	49	41	50	42	50	43
22	53	64	36	58	39	51	44	49	44	63	38	58	41	54	44	50	44
23	54	51	33	48	35	46	39	46	40	51	34	49	36	47	39	46	40
24	55	51	27	48	31	44	36	44	38	51	30	48	33	46	36	44	37
25	56	71	41	63	39	51	41	51	42	69	40	61	39	55	40	51	42
26	57	83	54	73	54	59	50	56	49	81	56	72	54	64	52	57	50
27	58	81	51	72	53	61	55	57	54	79	53	71	55	65	56	58	54
28	59	85	55	76	56	63	56	59	55	85	56	76	58	68	57	60	56
29	60	77	36	69	40	62	47	59	49	75	38	68	43	64	47	60	49
30	61	71	38	66	42	57	49	54	49	71	42	65	46	60	49	55	50
Sums		1790	1001	1625	1047	1415	1154	1365	1182	1752	1045	1604	1096	1488	1155	1380	1182
Averages		59.7	33.4	54.2	34.9	47.2	38.5	45.5	39.4	58.4	34.8	53.5	36.5	49.6	38.5	46.0	39.4

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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	26	0		0
2	33	21	4		0
3	34	13	12		0
4	35	19	6		0
5	36	30	0		0
6	37	21	4		0
7	38	30	0		0
8	39	36	0		0
9	40	29	0		0
10	41	24	1		0
11	42	21	4		0
12	43	30	0		0
13	44	32	0		0
14	45	27	0		0
15	46	19	6		0
16	47	19	6		0
17	48	20	5		0
18	49	11	14		0
19	50	12	13		0
20	51	17	8		0
21	52	21	4		0
22	53	15	10		0
23	54	23	2		0
24	55	24	1		0
25	56	7	18		0
26	57	0	33		8
27	58	6	19		0
28	59	0	33		8
29	60	6	19		0
30	61	15	10		0
Sums for month		574	232		16
6759	Accumulated heating degree days since July 1				
293	Accumulated growing degree days since Jan. 1				
16	Accumulated cooling degree days since Apr. 1				