

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

2010

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	58	35	46	100	60	80	63	428	173	0	0	0	
2	33	75	38	56	89	32	60	254	467	82	0	0	0	
3	34	83	52	67	77	26	51	338	433	115	0	0	0	
4	35	81	49	65	77	36	56	264	413	179	0	0	0	
5	36	65	45	55	79	27	53	204	449	116	0	0	0	
6	37	75	47	61	100	40	70	202	312	135	1	0	0	
7	38	74	48	61	100	38	69	61	116	111	28	0	0	
8	39	77	51	64	100	45	72	114	252	196	2	0	0	
9	40	80	40	60	100	35	67	92	294	224	16	0	0	
10	41	46	33	39	89	50	69	63	304	202	0	0	0	
11	42	58	36	47	80	27	53	179	524	101	0	0	0	
12	43	61	37	49	76	31	53	164	519	136	0	0	0	
13	44	54	39	46	89	31	60	119	506	154	0	0	0	
14	45	57	31	44	89	31	60	136	493	174	0	0	0	
15	46	63	37	50	84	20	52	198	515	70	0	0	0	
16	47	67	43	55	84	33	58	194	344	216	0	0	0	
17	48	74	39	56	100	44	72	119	211	179	25	0	0	
18	49	44	35	39	100	65	82	35	154	148	5	0	0	
19	50	55	38	46	100	45	72	76	440	175	4	0	0	
20	51	58	37	47	89	45	67	126	563	276	0	0	0	
21	52	65	38	51	92	32	62	160	524	331	0	0	0	
22	53	67	39	53	89	35	62	157	514	359	0	0	0	
23	54	51	34	42	92	55	73	65	424	273	0	0	0	
24	55	55	32	43	96	27	61	115	604	459	0	0	0	
25	56	66	32	49	100	21	60	189	438	412	7	0	0	
26	57	51	47	49	100	94	97	1	94	93	52	0	0	
27	58	53	34	43	100	74	87	13	122	121	34	0	0	
28	59	47	32	39	100	38	69	67	446	430	11	0	0	
29	60	54	41	47	74	19	46	178	593	559	0	0	0	
30	61	64	46	55	73	22	47	257	637	590	0	0	0	
Sums		1878	1185	1524	2718	1178	1940	4203	12133	6789	185	0	0	
Average		62.6	39.5	50.8	90.6	39.3	64.7	.140	404.4	226.3	.06	.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	58	32	51	33	42	33	41	33	55	34	49	33	44	33	40	33
2	33	64	42	57	39	47	39	44	39	63	41	56	39	50	39	45	39
3	34	75	48	65	45	52	44	51	43	71	48	62	45	55	45	51	44
4	35	77	46	68	47	57	50	54	50	74	47	67	48	60	50	55	50
5	36	75	44	67	46	56	50	53	49	73	45	66	47	60	49	54	50
6	37	73	42	64	45	54	48	51	48	71	44	64	46	57	48	52	48
7	38	58	46	55	47	52	49	50	48	58	47	55	48	53	49	50	49
8	39	68	51	61	50	53	49	52	48	66	52	61	51	56	50	52	49
9	40	70	38	64	41	56	45	54	47	68	39	63	42	58	45	54	46
10	41	53	31	50	34	48	38	49	40	51	32	49	35	49	38	48	40
11	42	63	38	57	37	48	38	48	40	60	37	56	37	51	38	48	39
12	43	71	34	64	38	54	44	50	45	69	36	63	40	57	43	51	44
13	44	67	39	61	41	53	44	50	45	65	40	60	42	55	44	50	45
14	45	71	30	63	34	54	41	51	42	68	31	62	35	57	40	52	42
15	46	74	38	65	41	54	44	50	45	72	39	65	41	58	43	51	45
16	47	73	48	63	47	55	48	53	48	71	47	62	47	57	48	53	49
17	48	67	37	62	40	56	46	54	47	67	38	62	42	58	45	55	47
18	49	49	34	47	36	48	38	49	40	48	35	47	36	47	38	49	39
19	50	60	34	55	37	48	39	47	40	58	35	54	36	50	38	47	39
20	51	68	33	61	37	51	41	49	43	66	35	60	38	54	41	49	42
21	52	74	37	66	40	55	45	51	45	72	38	65	41	58	44	52	45
22	53	77	42	68	44	57	48	53	48	76	42	67	45	60	48	54	48
23	54	66	35	60	38	54	43	52	45	64	35	60	39	56	42	52	44
24	55	69	34	63	38	54	44	51	45	67	35	62	39	57	42	52	44
25	56	70	49	64	46	55	47	54	49	69	47	63	45	57	47	54	48
26	57	55	47	53	47	52	48	52	49	54	47	53	47	52	48	52	48
27	58	56	33	54	36	51	41	50	42	55	34	53	37	52	40	50	42
28	59	54	32	50	34	47	39	46	40	52	33	50	35	48	38	46	40
29	60	58	33	54	35	49	40	48	41	59	35	55	37	52	39	48	41
30	61	69	44	62	41	53	42	50	43	68	43	62	41	56	42	51	43
Sums		1982	1171	1794	1214	1565	1305	1507	1327	1930	1191	1773	1234	1634	1294	1517	1322
Averages		66.1	39.0	59.8	40.5	52.2	43.5	50.2	44.2	64.3	39.7	59.1	41.1	54.5	43.1	50.6	44.1

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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	9	16		0
3	34	0	27		2
4	35	0	25		0
5	36	10	15		0
6	37	4	21		0
7	38	4	21		0
8	39	1	24		0
9	40	5	20		0
10	41	26	0		0
11	42	18	7		0
12	43	16	9		0
13	44	19	6		0
14	45	21	4		0
15	46	15	10		0
16	47	10	15		0
17	48	9	16		0
18	49	26	0		0
19	50	19	6		0
20	51	18	7		0
21	52	14	11		0
22	53	12	13		0
23	54	23	2		0
24	55	22	3		0
25	56	16	9		0
26	57	16	9		0
27	58	22	3		0
28	59	26	0		0
29	60	18	7		0
30	61	10	15		0
Sums for month		428	327		2

6245 Accumulated heating degree days since July 1
 392 Accumulated growing degree days since Jan. 1
 2 Accumulated cooling degree days since Apr. 1