

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

May

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	In Evap	
1	62	74	52	63	89	34	61	249	553	524	0	0	0	
2	63	83	59	71	100	45	72	189	353	346	0	0	0	
3	64	83	65	74	94	59	76	184	224	222	0	0	0	
4	65	73	54	63	96	48	72	197	470	417	3	0	0	
5	66	69	43	56	97	41	69	127	432	413	12	0	0	
6	67	82	51	66	100	24	62	215	620	576	66	0	0	
7	68	64	42	53	91	55	73	107	420	397	0	0	94	
8	69	58	45	51	100	57	78	81	354	342	40	0	292	
9	70	59	31	45	100	48	74	45	382	368	8	0	44	
10	71	44	33	38	93	51	72	54	284	273	2	0	85	
11	72	53	31	42	98	36	67	104	669	619	0	0	218	
12	73	52	38	45	100	40	70	73	219	215	42	0	170	
13	74	50	33	41	100	86	93	3	151	143	6	0	54	
14	75	58	37	47	100	63	81	51	309	302	55	0	113	
15	76	76	50	63	100	47	73	165	552	150	1	0	314	
16	77	60	48	54	93	64	78	89	538	200	0	0	215	
17	78	66	41	53	98	31	64	123	610	134	0	0	347	
18	79	69	48	58	94	37	65	175	395	297	0	0	34	
19	80	57	49	53	100	75	87	30	158	142	20	0	160	
20	81	69	52	60	84	42	63	189	538	194	0	0	132	
21	82	81	51	66	99	35	67	246	615	101	0	0	248	
22	83	83	58	70	91	28	59	224	515	226	0	0	280	
23	84	81	59	70	100	38	69	191	520	265	0	0	322	
24	85	79	59	69	100	59	79	108	572	145	0	0	236	
25	86	83	57	70	100	42	71	188	632	70	0	0	281	
26	87	85	61	73	100	48	74	178	595	108	0	0	256	
27	88	87	65	76	93	50	71	295	609	117	0	0	376	
28	89	88	58	73	100	45	72	183	565	179	0	0	323	
29	90	80	52	66	99	38	68	137	516	208	0	0	283	
30	91	78	57	67	87	52	69	198	571	195	0	0	283	
31	92	82	57	69	100	43	71	243	629	78	0	0	297	
Sums		2206	1536	1865	2996	1461	2220	4641	14570	7966	255	0	5457	
Average		71.2	49.5	60.2	96.6	47.1	71.6	.150	470.0	257.0	.08	.0	.176	

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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	62	78	53	69	50	58	48	55	48	78	52	70	50	62	49	55	48
2	63	78	56	70	57	61	55	58	54	77	57	70	58	64	57	59	55
3	64	75	60	69	59	62	58	60	56	74	60	69	60	64	59	60	57
4	65	81	52	74	54	65	58	61	58	80	54	74	56	68	58	62	58
5	66	73	45	67	48	61	53	59	54	71	46	67	50	64	53	60	54
6	67	85	51	76	53	64	55	61	55	84	52	76	55	68	55	62	55
7	68	69	40	65	44	61	49	60	51	67	42	64	45	62	48	60	51
8	69	70	47	63	49	57	51	56	52	68	48	61	50	59	50	57	52
9	70	64	33	60	36	55	42	54	45	62	34	59	37	57	41	55	44
10	71	46	28	46	31	46	38	47	40	45	29	45	32	46	36	46	39
11	72	60	30	56	34	50	38	48	40	62	32	57	36	53	37	48	39
12	73	53	42	51	43	49	45	49	46	53	42	51	43	50	45	49	46
13	74	49	32	48	35	47	40	46	41	49	33	48	36	47	39	46	40
14	75	61	46	56	43	51	43	50	45	59	44	54	42	52	42	50	44
15	76	74	47	67	48	56	48	54	47	72	48	66	50	60	49	55	47
16	77	70	48	65	49	57	51	55	52	71	49	66	51	61	52	56	52
17	78	79	42	71	45	60	51	56	52	77	44	71	47	64	50	58	52
18	79	75	52	68	52	59	53	57	53	74	53	67	52	62	53	57	53
19	80	60	47	58	49	57	52	56	52	59	49	58	50	57	52	56	52
20	81	73	48	68	51	59	52	57	52	73	50	67	53	62	52	58	53
21	82	86	51	78	54	64	55	59	55	85	53	77	56	69	55	61	55
22	83	88	59	79	60	66	59	63	57	87	60	79	60	71	60	64	58
23	84	86	61	78	62	69	63	66	61	85	62	78	64	73	64	67	62
24	85	90	60	81	62	71	64	67	64	89	61	82	64	75	65	68	64
25	86	93	60	83	62	72	64	68	64	92	61	84	64	77	66	69	64
26	87	96	62	86	64	74	66	70	65	94	64	87	67	79	67	71	66
27	88	96	65	88	67	76	68	72	67	95	67	88	70	80	70	73	68
28	89	98	63	89	65	77	70	72	69	97	65	89	68	82	70	74	70
29	90	95	58	87	61	76	67	72	68	95	61	87	64	80	67	73	68
30	91	92	61	84	64	74	68	71	67	90	63	84	66	78	68	72	68
31	92	97	62	88	64	76	68	71	68	97	64	89	67	81	68	73	68
Sums		2390	1561	2188	1615	1930	1692	1850	1698	2361	1599	2184	1663	2027	1697	1874	1702
Averages		77.1	50.4	70.6	52.1	62.3	54.6	59.7	54.8	76.2	51.6	70.5	53.6	65.4	54.7	60.5	54.9

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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	62	2	23		0
2	63	0	31		6
3	64	0	34		9
4	65	2	23		0
5	66	9	16		0
6	67	0	26		1
7	68	12	13		0
8	69	14	11		0
9	70	20	5		0
10	71	27	0		0
11	72	23	2		0
12	73	20	5		0
13	74	24	1		0
14	75	18	7		0
15	76	2	23		0
16	77	11	14		0
17	78	12	13		0
18	79	7	18		0
19	80	12	13		0
20	81	5	20		0
21	82	0	26		1
22	83	0	30		5
23	84	0	30		5
24	85	0	29		4
25	86	0	30		5
26	87	0	33		8
27	88	0	36		11
28	89	0	33		8
29	90	0	26		1
30	91	0	27		2
31	92	0	29		4
Sums for month		220	627		70

6465 Accumulated heating degree days since July 1

1019 Accumulated growing degree days since Jan. 1

72 Accumulated cooling degree days since Apr. 1