

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

1998

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	62	70	52	61	100	70	85	201	372	221	1	0	0	147
2	63	70	52	61	64	58	61	153	230	209	2	0	0	229
3	64	68	52	60	98	56	77	43	150	136	29	0	0	60
4	65	61	51	56	100	68	84	49	203	188	1	0	0	86
5	66	69	52	60	98	54	76	77	258	164	9	0	0	89
6	67	67	52	59	94	56	75	104	327	223	0	0	0	125
7	68	74	49	61	92	42	67	143	547	154	0	0	0	174
8	69	75	54	64	82	40	61	222	558	120	0	0	0	220
9	70	64	55	59	98	58	78	67	222	205	2	0	0	147
10	71	67	53	60	96	66	81	44	268	232	24	0	0	90
11	72	57	53	55	100	80	90	14	104	96	144	0	0	5
12	73	62	48	55	98	68	83	45	247	199	57	0	0	126
13	74	68	46	57	80	52	66	195	583	181	0	0	0	211
14	75	73	51	62	71	18	44	314	632	89	0	0	0	235
15	76	80	57	68	91	40	65	235	593	134	0	0	37	220
16	77	82	55	68	64	60	62	198	579	184	0	0	30	177
17	78	86	62	74	70	61	65	301	589	120	2	0	55	317
18	79	79	60	69	92	60	76	412	618	119	0	0	90	359
19	80	80	58	69	88	50	69	324	536	138	0	0	51	225
20	81	78	58	68	96	72	84	156	330	210	1	0	36	140
21	82	82	54	68	94	40	67	375	609	138	0	0	109	348
22	83	61	44	52	88	54	71	138	250	199	0	0	138	150
23	84	60	46	53	60	52	56	168	415	226	0	0	105	171
24	85	68	46	57	60	56	58	321	676	68	0	0	105	300
25	86	76	56	66	64	64	64	410	637	104	0	0	31	372
26	87	77	55	66	90	44	67	179	464	212	1	0	78	162
27	88	73	48	60	92	40	66	157	578	151	0	0	65	205
28	89	77	55	66	83	33	58	267	584	122	0	0	41	239
29	90	83	65	74	70	22	46	520	604	178	0	0	63	317
30	91	85	59	72	64	52	58	269	514	181	10	0	88	252
31	92	77	57	67	66	66	66	344	637	103	0	0	72	378
Sums		2249	1655	1947	2603	1652	2126	6445	13914	5004	283	0	1194	6276
Average		72.5	53.4	62.8	84.0	53.3	68.6	.208	448.8	161.4	.09	.0	38.5	.202

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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	70	51	65	51	60	50	57	51	74	52	67	52	63	51	58	50
2	63	65	53	62	52	59	52	57	51	66	53	64	53	62	52	59	52
3	64	63	53	62	53	58	53	59	52	65	53	62	54	61	53	58	53
4	65	64	52	63	52	59	53	58	52	64	52	63	53	61	53	59	53
5	66	69	53	65	53	60	53	58	52	70	54	65	54	64	53	59	52
6	67	67	52	64	52	61	53	60	54	68	51	65	53	63	54	60	53
7	68	77	53	72	54	65	55	62	55	81	54	73	55	69	55	62	55
8	69	78	56	71	57	66	57	63	57	83	58	76	57	71	58	65	57
9	70	66	56	63	56	63	56	64	56	69	56	67	56	64	57	62	56
10	71	70	55	65	56	63	56	62	56	72	56	66	56	65	56	63	56
11	72	63	54	62	54	61	54	61	54	63	53	62	54	62	54	61	54
12	73	65	51	62	53	61	54	60	54	66	51	63	52	62	53	60	54
13	74	73	49	69	52	63	53	62	54	75	48	69	52	66	53	62	54
14	75	74	52	69	53	64	55	62	56	76	52	71	54	67	56	63	56
15	76	82	60	76	57	68	57	66	57	83	58	77	57	72	57	67	57
16	77	83	58	79	60	71	60	68	60	88	60	80	61	75	62	68	60
17	78	82	62	76	63	71	62	69	62	90	63	83	63	77	63	71	62
18	79	84	57	80	60	74	63	69	63	90	59	82	62	78	63	71	64
19	80	84	62	78	62	73	63	69	63	88	62	81	63	77	64	71	63
20	81	80	63	75	64	70	64	68	63	80	63	77	63	73	64	70	64
21	82	84	58	79	59	72	62	69	62	87	58	83	60	76	62	71	63
22	83	68	52	67	54	66	56	66	58	68	52	67	53	68	55	67	57
23	84	68	50	68	52	64	55	63	56	70	49	68	52	65	54	62	56
24	85	80	52	73	54	68	55	64	56	81	53	76	55	71	55	66	57
25	86	84	60	78	59	70	59	67	60	88	60	81	59	75	59	67	60
26	87	83	57	77	58	71	61	68	61	86	57	80	59	75	61	69	61
27	88	82	56	79	58	71	61	68	61	85	57	78	59	74	61	68	62
28	89	88	59	80	60	73	62	69	63	88	58	83	62	76	63	71	63
29	90	90	65	82	65	74	64	70	64	91	66	84	65	78	65	72	65
30	91	86	61	80	64	74	65	72	65	87	61	82	64	79	65	73	66
31	92	89	63	83	64	75	65	71	65	91	63	85	65	78	65	72	65
Sums		2361	1735	2224	1761	2068	1788	2001	1793	2433	1742	2280	1777	2167	1796	2027	1800
Averages		76.2	56.0	71.7	56.8	66.7	57.7	64.5	57.8	78.5	56.2	73.5	57.3	69.9	57.9	65.4	58.1

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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	62	4	21		0
2	63	4	21		0
3	64	5	20		0
4	65	9	16		0
5	66	5	20		0
6	67	6	19		0
7	68	4	21		0
8	69	1	24		0
9	70	6	19		0
10	71	5	20		0
11	72	10	15		0
12	73	10	15		0
13	74	8	17		0
14	75	3	22		0
15	76	0	28		3
16	77	0	28		3
17	78	0	34		9
18	79	0	29		4
19	80	0	29		4
20	81	0	28		3
21	82	0	28		3
22	83	13	12		0
23	84	12	13		0
24	85	8	17		0
25	86	0	26		1
26	87	0	26		1
27	88	5	20		0
28	89	0	26		1
29	90	0	34		9
30	91	0	32		7
31	92	0	27		2
Sums for month		118	707		50

6299 Accumulated heating degree days since July 1  
 1082 Accumulated growing degree days since Jan. 1  
 50 Accumulated cooling degree days since Apr. 1