

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

2001

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	76	43	59	81	12	46	314	563	128	0	0	0	0
2	63	85	51	68	71	17	44	474	570	93	0	0	0	0
3	64	81	58	69	82	35	58	313	394	167	0	0	0	0
4	65	86	61	73	76	28	52	516	527	176	0	0	40	376
5	66	86	50	68	87	27	57	317	506	194	0	0	71	404
6	67	60	37	48	85	21	53	203	589	149	0	0	48	203
7	68	67	46	56	66	21	43	280	626	68	0	0	38	291
8	69	72	50	61	62	13	37	354	632	79	0	0	118	431
9	70	74	47	60	100	36	68	118	292	217	20	0	48	145
10	71	76	47	61	92	26	59	219	517	166	0	0	15	246
11	72	79	56	67	76	26	51	323	526	183	0	0	21	212
12	73	85	56	70	100	26	63	308	445	178	15	0	19	248
13	74	57	40	48	99	67	83	44	137	123	13	0	33	95
14	75	57	36	46	96	34	65	126	637	106	0	0	37	184
15	76	61	45	53	76	32	54	186	546	207	0	0	41	213
16	77	64	40	52	77	20	48	241	660	73	0	0	41	253
17	78	72	46	59	79	31	55	265	618	103	0	0	47	289
18	79	59	51	55	96	65	80	63	159	147	1	0	58	45
19	80	68	53	60	100	70	85	52	223	178	32	0	18	201
20	81	69	46	57	100	40	70	136	603	118	0	0	24	103
21	82	72	54	63	87	53	70	0	487	236	0	0	48	283
22	83	64	54	59	100	65	82	67	235	205	38	0	117	35
23	84	66	51	58	100	81	90	46	168	147	41	0	43	0
24	85	67	45	56	100	50	75	93	517	198	0	0	10	197
25	86	74	51	62	95	31	63	159	585	147	0	0	29	232
26	87	75	51	63	100	49	74	137	411	226	12	0	71	183
27	88	65	51	58	100	72	86	47	223	188	2	0	25	102
28	89	72	49	60	98	47	72	70	446	192	36	0	32	178
29	90	61	51	56	98	70	84	51	226	185	21	0	13	60
30	91	59	44	51	94	62	78	80	282	194	2	0	33	129
31	92	58	41	49	85	29	57	158	656	143	0	0	23	276
Sums		2167	1501	1825	2758	1256	2002	5760	14006	4914	233	0	1161	5614
Average		69.9	48.4	58.9	89.0	40.5	64.6	.186	451.8	158.5	.08	.0	37.5	.181

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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	73	45	67	46	59	48	57	48	76	45	70	45	64	47	59	48
2	63	79	52	72	51	63	52	60	53	81	52	75	52	67	52	62	53
3	64	74	56	69	56	63	57	60	56	76	58	72	58	66	58	62	57
4	65	78	59	72	58	65	58	62	57	80	59	75	59	70	59	65	58
5	66	79	56	73	57	67	59	64	59	81	57	76	59	70	60	66	59
6	67	73	48	69	51	64	56	63	56	76	49	71	52	68	54	64	56
7	68	75	51	68	51	63	55	61	56	76	51	71	52	67	55	62	55
8	69	73	57	69	53	63	55	61	55	74	53	70	53	66	55	62	55
9	70	70	52	66	54	61	56	60	56	70	53	66	54	64	55	61	55
10	71	74	53	69	55	63	56	60	56	74	54	69	55	65	57	61	56
11	72	76	55	70	55	64	57	62	57	76	55	71	56	67	57	62	57
12	73	79	59	72	58	66	59	64	58	80	59	75	59	69	59	65	59
13	74	61	48	61	51	62	55	61	56	63	48	62	51	63	53	62	55
14	75	69	48	66	50	60	54	59	55	68	47	65	50	61	52	60	54
15	76	68	49	65	50	60	53	58	54	69	48	64	50	62	52	59	54
16	77	74	51	70	52	62	54	60	54	75	50	70	51	65	53	61	65
17	78	77	52	71	53	64	55	62	56	78	52	72	53	67	54	63	55
18	79	62	55	61	55	60	56	59	56	64	56	61	56	61	56	59	56
19	80	65	53	62	54	59	56	58	56	65	54	63	55	62	56	59	56
20	81	72	54	68	54	63	56	61	56	74	53	70	55	66	56	62	56
21	82	75	55	70	55	64	57	62	57	76	55	70	55	66	56	62	57
22	83	66	57	63	57	61	57	60	57	67	57	62	57	63	57	60	57
23	84	66	56	63	56	60	57	59	57	66	56	64	56	63	57	60	57
24	85	73	54	69	55	64	57	62	57	74	54	70	55	68	57	63	57
25	86	75	55	71	55	64	57	67	57	76	55	71	55	67	57	64	57
26	87	72	59	69	59	64	59	62	59	73	59	69	59	66	59	64	59
27	88	65	56	64	56	62	58	61	58	66	55	65	56	63	57	62	58
28	89	72	56	68	56	62	58	61	58	72	55	69	56	64	57	61	58
29	90	63	55	61	55	60	57	59	57	65	54	62	55	62	56	60	57
30	91	61	50	60	52	59	54	59	55	64	50	62	51	61	53	59	54
31	92	65	48	62	50	58	53	58	54	66	47	62	79	61	52	58	54
Sums		2204	1654	2080	1670	1929	1731	1882	1736	2241	1650	2114	1709	2014	1718	1909	1744
Averages		71.1	53.4	67.1	53.9	62.2	55.8	60.7	56.0	72.3	53.2	68.2	55.1	65.0	55.4	61.6	56.3

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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	6	19		0
2	63	0	28		3
3	64	0	29		4
4	65	0	33		8
5	66	0	28		3
6	67	17	8		0
7	68	9	16		0
8	69	4	21		0
9	70	5	20		0
10	71	4	21		0
11	72	0	27		2
12	73	0	30		5
13	74	17	8		0
14	75	19	6		0
15	76	12	13		0
16	77	13	12		0
17	78	6	19		0
18	79	10	15		0
19	80	5	20		0
20	81	8	17		0
21	82	2	23		0
22	83	6	19		0
23	84	7	18		0
24	85	9	16		0
25	86	3	22		0
26	87	2	23		0
27	88	7	18		0
28	89	5	20		0
29	90	9	16		0
30	91	14	11		0
31	92	16	9		0
Sums for month		215	585		25
7084	Accumulated heating degree days since July 1				
798	Accumulated growing degree days since Jan. 1				
32	Accumulated cooling degree days since Apr. 1				