

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

June

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	93	62	39	50	94	28	61	149	652	151	0	0	58	239
2	94	63	47	55	98	43	70	81	255	204	15	0	111	78
3	95	67	53	60	100	55	77	75	343	265	6	0	14	94
4	96	61	52	56	96	60	78	67	207	167	12	0	59	79
5	97	62	49	55	94	62	78	88	386	312	0	0	73	157
6	98	69	53	61	90	53	71	127	461	276	0	0	37	159
7	99	70	46	58	92	27	59	191	581	360	0	0	25	233
8	100	74	50	62	77	25	51	312	632	132	0	0	31	301
9	101	75	54	64	69	24	46	367	675	75	0	0	64	373
10	102	75	51	63	84	22	53	323	672	83	0	0	32	352
11	103	79	58	68	99	34	66	278	588	160	20	0	22	241
12	104	70	54	62	100	76	88	35	164	146	11	0	32	41
13	105	78	57	67	100	59	79	107	461	271	0	0	26	178
14	106	85	62	73	99	40	69	207	638	152	0	0	8	231
15	107	91	66	78	93	25	59	411	620	154	0	0	33	385
16	108	90	71	80	86	40	63	357	598	199	0	0	70	369
17	109	80	61	70	100	69	84	81	137	114	276	0	24	0
18	110	77	60	68	81	46	63	0	479	222	0	0	37	261
19	111	77	65	71	84	36	60	285	470	215	0	0	10	219
20	112	92	62	77	84	22	53	449	597	130	0	0	44	371
21	113	72	58	65	92	50	71	177	380	253	0	0	20	197
22	114	69	58	63	98	81	89	44	128	119	79	0	48	116
23	115	79	57	68	100	65	82	99	318	236	80	0	55	202
24	116	62	52	57	100	84	92	24	146	129	11	0	37	53
25	117	74	54	64	98	49	73	145	427	231	0	0	22	167
26	118	80	57	68	98	42	70	215	644	125	0	0	11	270
27	119	84	62	73	92	39	65	285	595	148	0	0	17	285
28	120	85	68	76	83	41	62	348	594	213	0	0	35	304
29	121	81	62	71	96	55	75	190	458	278	0	0	31	246
30	122	87	67	77	88	39	63	385	555	261	0	0	25	276
Sums		2270	1705	1980	2765	1391	2070	5902	13861	5781	510	0	1111	6477
Average		75.7	56.8	66.0	92.2	46.4	69.0	.197	462.0	192.7	.17	.0	37.0	.216

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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	93	68	49	66	50	60	52	59	53	69	48	66	49	61	51	60	53
2	94	61	52	59	52	57	54	57	55	62	51	59	51	58	53	56	54
3	95	68	55	65	55	61	55	59	55	69	55	66	55	63	55	60	55
4	96	64	54	62	55	60	56	59	56	63	54	62	55	61	56	60	56
5	97	65	52	63	54	60	55	59	56	66	51	64	53	62	55	60	56
6	98	72	54	68	54	63	55	60	56	73	54	70	54	65	55	61	55
7	99	75	55	71	56	65	58	63	58	78	54	74	56	79	58	64	58
8	100	79	56	74	57	68	58	65	58	83	56	77	56	71	58	66	58
9	101	80	59	75	59	69	60	66	60	85	58	80	59	74	60	66	61
10	102	81	59	76	60	70	62	67	62	88	59	81	60	74	62	68	62
11	103	83	61	78	61	72	63	69	62	89	62	82	61	76	63	71	63
12	104	69	59	67	60	67	62	66	62	70	58	68	60	68	61	67	62
13	105	79	61	74	60	68	61	66	61	82	61	76	61	71	61	68	61
14	106	89	66	82	64	74	64	71	64	93	66	87	65	79	65	73	64
15	107	90	68	83	67	77	68	73	67	95	70	88	68	82	68	74	68
16	108	90	70	83	70	78	70	74	69	96	72	89	71	82	71	76	70
17	109	78	63	74	65	73	67	72	67	80	63	77	65	76	66	74	67
18	110	80	61	76	62	72	65	70	66	81	60	77	62	74	64	71	66
19	111	80	63	76	63	71	65	70	65	82	64	78	63	74	64	70	65
20	112	88	65	82	66	76	66	73	66	92	66	86	66	80	66	74	66
21	113	80	64	77	65	72	67	71	67	83	64	78	66	76	67	72	68
22	114	70	64	68	65	68	65	68	65	70	64	69	65	69	65	68	65
23	115	76	63	73	64	69	65	69	65	77	63	74	64	71	65	69	65
24	116	66	58	66	59	66	61	66	62	66	57	66	59	66	60	66	61
25	117	75	59	72	60	68	61	67	62	76	58	73	60	70	60	67	62
26	118	85	62	80	62	72	63	70	63	86	62	82	61	76	62	71	63
27	119	89	65	83	64	75	66	72	66	92	65	85	64	79	65	73	66
28	120	91	68	85	67	77	68	74	68	94	68	88	68	82	69	76	68
29	121	89	68	84	69	77	70	74	70	91	68	85	69	80	70	76	70
30	122	93	70	87	69	79	70	76	70	96	70	90	70	83	70	78	70
Sums		2353	1823	2229	1834	2084	1872	2025	1876	2427	1821	2297	1836	2182	1865	2055	1878
Averages		78.4	60.8	74.3	61.1	69.5	62.4	67.5	62.5	80.9	60.7	76.6	61.2	72.7	62.2	68.5	62.6

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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	93	15	10		0
2	94	10	15		0
3	95	5	20		0
4	96	9	16		0
5	97	10	15		0
6	98	4	21		0
7	99	7	18		0
8	100	3	22		0
9	101	1	24		0
10	102	2	23		0
11	103	0	28		3
12	104	3	22		0
13	105	0	27		2
14	106	0	33		8
15	107	0	38		13
16	108	0	40		15
17	109	0	30		5
18	110	0	28		3
19	111	0	31		6
20	112	0	37		12
21	113	0	25		0
22	114	2	23		0
23	115	0	28		3
24	116	8	17		0
25	117	1	24		0
26	118	0	28		3
27	119	0	33		8
28	120	0	36		11
29	121	0	31		6
30	122	0	37		12
Sums for month		80	780		110
7164	Accumulated heating degree days since July 1				
1578	Accumulated growing degree days since Jan. 1				
142	Accumulated cooling degree days since Apr. 1				