

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 1999

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	67	40	53	78	15	46	247	605	68	0	0	57	247
2	63	70	40	55	81	21	51	264	602	77	0	0	40	116
3	64	76	45	60	76	18	47	333	602	92	0	0	49	333
4	65	74	50	62	83	16	49	315	522	170	0	0	59	251
5	66	73	50	61	95	46	70	166	466	187	0	0	33	149
6	67	79	55	67	83	37	60	236	574	83	0	0	60	244
7	68	76	58	67	96	51	73	193	415	270	0	0	144	230
8	69	60	58	59	95	65	80	90	404	209	7	0	84	302
9	70	66	51	58	96	74	85	54	138	112	44	0	72	10
10	71	66	43	54	87	44	65	113	315	213	0	0	96	132
11	72	61	40	50	93	40	66	124	600	116	0	0	59	195
12	73	62	36	49	81	15	48	174	622	105	0	0	48	223
13	74	60	35	47	84	18	51	179	624	112	0	0	50	194
14	75	58	42	50	86	31	58	161	629	88	0	0	55	222
15	76	69	42	55	87	29	58	209	606	148	0	0	45	238
16	77	73	51	62	71	28	49	291	392	241	0	0	31	159
17	78	74	50	62	80	20	50	308	633	136	0	0	95	317
18	79	78	56	67	78	38	58	293	611	133	0	0	158	366
19	80	81	56	68	88	38	63	282	563	163	0	0	124	333
20	81	67	43	55	90	47	68	134	409	206	0	0	107	207
21	82	65	41	53	92	34	63	173	658	74	0	0	81	235
22	83	74	47	60	81	28	54	262	604	161	0	0	41	318
23	84	78	54	66	88	24	56	297	362	261	0	0	52	80
24	85	77	56	66	94	40	67	160	465	219	0	0	57	169
25	86	64	48	56	96	64	80	81	140	125	46	0	90	111
26	87	58	48	53	90	52	71	102	280	241	20	0	120	77
27	88	56	46	51	93	64	78	72	249	189	T	0	109	85
28	89	69	51	60	69	31	50	276	634	124	0	0	115	266
29	90	78	59	68	61	26	43	418	622	132	0	0	93	181
30	91	80	52	66	88	28	58	320	647	92	0	0	57	310
31	92	87	52	69	79	26	52	441	639	101	0	0	42	150
Sums		2176	1495	1829	2639	1108	1867	6768	15632	4648	117	0	2323	6450
Average		70.2	48.2	59.0	85.1	35.7	60.2	.218	504.3	149.9	.04	.0	74.9	.208

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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	66	43	61	45	54	46	53	46	73	42	65	44	59	45	55	46
2	63	69	45	63	46	56	48	54	48	76	44	67	47	61	47	56	49
3	64	71	47	65	48	58	51	55	50	78	46	70	49	63	49	57	49
4	65	68	51	63	51	58	52	56	52	75	52	67	52	62	53	57	52
5	66	71	51	65	51	59	53	57	52	78	51	70	53	64	53	58	53
6	67	75	56	70	55	62	55	59	54	83	57	76	56	68	56	61	55
7	68	70	57	66	56	61	56	59	56	75	59	70	58	65	58	60	56
8	69	71	56	67	56	62	57	60	56	77	58	71	58	66	58	61	57
9	70	61	53	61	53	60	54	60	54	63	52	62	53	62	54	60	53
10	71	63	48	61	49	58	51	58	52	63	46	61	48	60	50	58	51
11	72	70	48	66	50	59	51	58	52	72	45	66	48	62	50	58	51
12	73	72	46	67	48	60	52	59	52	77	44	69	47	63	50	59	48
13	74	71	46	66	48	60	51	59	52	76	43	69	47	63	50	59	51
14	75	72	48	67	50	60	52	59	52	76	47	69	49	63	51	59	51
15	76	75	49	69	51	61	52	60	53	80	48	73	51	67	53	61	53
16	77	71	51	66	52	61	54	59	55	75	50	69	52	64	54	61	54
17	78	75	53	70	53	63	56	61	55	82	52	74	55	68	55	63	56
18	79	74	56	68	57	64	57	61	57	78	56	72	58	66	58	63	58
19	80	74	58	70	58	64	59	63	58	81	60	75	60	70	60	64	59
20	81	69	52	67	53	63	56	62	56	74	51	69	54	66	55	64	56
21	82	74	52	70	54	64	56	63	56	78	51	72	54	68	56	64	56
22	83	76	54	71	56	65	57	62	57	82	55	75	57	70	57	64	57
23	84	74	57	68	58	65	58	63	58	77	58	71	59	68	60	65	59
24	85	78	59	73	59	65	60	64	59	83	61	76	60	71	61	65	60
25	86	65	51	64	52	63	55	63	56	67	50	66	52	65	54	64	55
26	87	62	50	60	51	59	53	60	54	62	49	60	50	60	52	60	52
27	88	60	49	59	50	58	52	58	53	59	47	59	49	59	51	58	52
28	89	72	52	67	53	60	52	59	53	71	50	67	50	63	51	60	52
29	90	73	56	69	56	62	56	60	56	76	56	70	55	65	56	61	56
30	91	75	56	72	57	64	58	62	58	80	57	74	58	68	58	63	58
31	92	79	60	74	59	66	59	63	59	83	61	77	60	71	60	65	59
Sums		2196	1610	2065	1635	1894	1679	1849	1681	2330	1598	2151	1643	2010	1675	1883	1674
Averages		70.8	51.9	66.6	52.7	61.1	54.2	59.6	54.2	75.2	51.5	69.4	53.0	64.8	54.0	60.7	54.0

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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	12	13		0
2	63	10	15		0
3	64	5	20		0
4	65	3	22		0
5	66	4	21		0
6	67	0	27		2
7	68	0	27		2
8	69	6	19		0
9	70	7	18		0
10	71	11	14		0
11	72	15	10		0
12	73	16	9		0
13	74	18	7		0
14	75	15	10		0
15	76	10	15		0
16	77	3	22		0
17	78	3	22		0
18	79	0	27		2
19	80	0	28		3
20	81	10	15		0
21	82	12	13		0
22	83	5	20		0
23	84	0	26		1
24	85	0	26		1
25	86	9	16		0
26	87	12	13		0
27	88	14	11		0
28	89	5	20		0
29	90	0	28		3
30	91	0	26		1
31	92	0	29		4
Sums for month		205	589		19

6455 Accumulated heating degree days since July 1

811 Accumulated growing degree days since Jan. 1

556 Accumulated cooling degree days since Apr. 1