

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

1994

MO. DAY	CL. DAY	AIR TEMP.F			REL.HUM.PCT			VPD THOU IN/HG	SOLAR RAD		PPT HUND INS	SNOW TNTH INS	MI.WIND 1.5 FT	PAN THOU IN EVAP
		MAX	MIN	AVG	MAX	MIN	AVG		TOTAL	DIFF				
1	93	85	58	71	100	50	75	196	531	180	109	0	116	344
2	94	66	43	54	100	50	75	104	439	144	0	0	118	213
3	95	58	46	52	100	63	81	70	324	151	0	0	134	126
4	96	71	49	60	100	40	70	155	713	72	0	0	96	189
5	97	77	50	63	100	38	69	184	649	164	0	0	26	254
6	98	78	56	67	100	45	72	185	553	258	0	0	54	302
7	99	81	60	70	100	64	82	132	342	249	T	0	118	170
8	100	76	49	62	100	60	80	111	481	291	2	0	115	240
9	101	64	48	56	100	46	73	120	728	104	0	0	102	282
10	102	75	54	64	76	40	58	250	697	112	0	0	97	310
11	103	77	51	64	100	40	70	178	645	119	0	0	35	167
12	104	67	56	61	100	72	86	78	347	204	20	0	139	194
13	105	81	61	71	100	44	72	212	534	193	1	0	81	218
14	106	80	63	71	100	70	85	118	312	202	67	0	112	205
15	107	81	61	71	100	74	87	98	558	229	0	0	60	209
16	108	90	69	79	100	62	81	194	608	209	0	0	29	220
17	109	93	69	81	100	52	76	253	601	245	0	0	36	268
18	110	90	68	79	100	56	78	218	610	200	0	0	55	291
19	111	92	74	83	100	50	75	282	628	186	0	0	60	246
20	112	78	56	67	100	58	79	138	632	166	0	0	81	378
21	113	82	65	73	100	58	79	176	476	216	0	0	59	208
22	114	85	59	72	100	48	74	204	488	237	0	0	122	334
23	115	78	63	70	80	46	63	271	616	174	0	0	85	321
24	116	80	62	71	100	52	76	182	408	263	27	0	35	219
25	117	72	59	65	100	98	99	7	123	114	66	0	117	38
26	118	79	60	69	100	60	80	146	363	238	T	0	111	262
27	119	81	64	72	100	54	77	180	545	169	53	0	73	239
28	120	71	59	65	100	98	99	6	149	138	64	0	77	86
29	121	77	62	69	100	66	83	124	504	300	0	0	77	185
30	122	83	62	72	100	54	77	180	469	219	11	0	69	212
SUMS		2348	1756	2044	2956	1708	2331	4752	15073	5746	420	0	2489	6930
AVERAGE		78.3	58.5	68.1	98.5	56.9	77.7	0.158	502.4	191.5	0.14	0.0	83.0	0.231

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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	75	60	71	61	66	61	64	60	78	60	74	60	70	61	65	61
2	94	65	52	64	53	62	55	62	56	65	50	64	51	63	54	62	55
3	95	59	50	58	52	58	54	59	54	59	49	59	50	59	52	59	53
4	96	71	54	67	53	62	54	61	54	74	53	70	53	66	53	63	54
5	97	76	58	72	57	66	57	64	58	82	59	77	58	71	57	66	58
6	98	77	60	72	59	67	60	65	60	81	61	77	60	72	61	68	60
7	99	72	62	69	62	66	63	64	62	75	63	72	64	69	64	65	62
8	100	76	60	72	61	68	62	66	62	79	60	76	61	71	62	67	62
9	101	76	56	72	58	68	60	66	61	79	57	75	58	71	59	68	61
10	102	78	59	74	59	68	60	66	61	81	60	77	60	72	60	68	61
11	103	82	62	77	62	71	63	68	62	86	63	81	63	76	62	70	63
12	104	67	59	66	60	65	61	66	61	68	59	66	59	66	60	66	61
13	105	75	62	71	61	67	61	65	62	78	62	75	61	70	61	66	62
14	106	73	64	70	64	67	64	65	63	75	64	72	64	69	64	66	63
15	107	79	65	75	66	70	64	67	64	80	64	76	65	73	65	68	64
16	108	86	69	81	67	74	66	71	65	90	69	85	67	79	66	72	65
17	109	89	73	84	72	78	71	74	69	96	75	91	73	84	72	76	69
18	110	90	73	85	73	80	73	76	72	96	73	91	75	85	75	78	72
19	111	92	74	87	74	81	74	78	73	98	75	93	76	87	75	80	74
20	112	88	69	84	70	80	72	77	72	93	69	88	70	84	72	78	72
21	113	83	71	80	71	77	72	74	72	89	72	84	72	81	72	76	72
22	114	84	66	80	68	77	70	74	71	89	66	85	68	80	70	76	71
23	115	84	68	80	69	76	70	74	70	88	68	84	69	80	71	75	71
24	116	84	69	80	69	76	70	74	70	88	69	84	70	80	71	75	71
25	117	70	67	70	68	71	68	71	68	70	66	70	67	72	68	72	68
26	118	75	64	73	65	71	66	69	67	76	63	74	64	72	65	70	66
27	119	79	67	76	66	72	67	70	66	84	66	80	65	76	66	72	66
28	120	74	64	72	65	70	66	70	66	74	64	73	64	71	65	70	66
29	121	77	65	74	66	71	66	69	67	78	64	75	66	73	66	70	66
30	122	80	67	76	67	72	67	70	67	84	66	80	67	76	66	71	67
SUMS		2336	1909	2232	1918	2117	1937	2059	1935	2433	1909	2328	1920	2218	1935	2098	1936
AVERAGES		77.9	63.6	74.4	63.9	70.6	64.6	68.6	64.5	81.1	63.6	77.6	64.0	73.9	64.5	69.9	64.5

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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	0	31		6
2	94	11	14		0
3	95	13	12		0
4	96	5	20		0
5	97	2	23		0
6	98	0	27		2
7	99	0	30		5
8	100	3	22		0
9	101	9	16		0
10	102	1	24		0
11	103	1	24		0
12	104	4	21		0
13	105	0	31		6
14	106	0	31		6
15	107	0	31		6
16	108	0	39		14
17	109	0	41		16
18	110	0	39		14
19	111	0	43		18
20	112	0	27		2
21	113	0	33		8
22	114	0	32		7
23	115	0	30		5
24	116	0	31		6
25	117	0	25		0
26	118	0	29		4
27	119	0	32		7
28	120	0	25		0
29	121	0	29		4
30	122	0	32		7
SUMS FOR MONTH		49	844		143
7798	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
1520	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
155	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	