

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

1993

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	65	47	56	100	80	90	45	146	126	28	0	126	19
2	94	57	43	50	100	46	73	98	444	226	9	0	126	175
3	95	66	52	59	90	34	62	190	453	256	0	0	95	217
4	96	68	48	58	92	48	70	145	432	242	0	0	80	222
5	97	65	47	56	100	50	75	112	564	193	15	0	55	178
6	98	56	49	52	100	92	96	15	50	47	66	0	138	7
7	99	69	51	60	100	42	71	150	566	146	0	0	96	280
8	100	71	51	61	100	60	80	107	391	256	0	0	40	134
9	101	75	58	66	100	66	83	108	328	217	41	0	85	87
10	102	81	64	72	100	58	79	164	429	260	17	0	102	224
11	103	76	57	66	100	60	80	128	514	237	0	0	138	275
12	104	71	51	61	100	64	82	96	610	236	0	0	95	216
13	105	79	55	67	100	42	71	192	671	123	0	0	46	258
14	106	81	57	69	100	44	72	198	671	127	0	0	35	329
15	107	83	63	73	86	42	64	292	630	116	0	0	119	423
16	108	80	52	66	100	44	72	179	479	210	0	0	117	341
17	109	69	49	59	100	64	82	90	584	231	0	0	67	120
18	110	82	56	69	100	50	75	177	652	139	0	0	48	256
19	111	87	67	77	100	62	81	176	410	234	19	0	49	82
20	112	73	64	68	100	96	98	14	148	141	17	0	53	196
21	113	80	67	73	100	72	86	117	297	247	20	0	47	189
22	114	76	62	69	100	68	84	113	286	178	1	0	84	84
23	115	73	51	62	100	56	78	122	551	249	0	0	127	282
24	116	72	46	59	100	36	68	160	694	112	0	0	69	308
25	117	82	57	69	85	26	55	322	707	92	0	0	70	349
26	118	87	66	76	90	54	72	251	471	261	0	0	113	332
27	119	76	59	67	100	60	80	137	273	195	1	0	60	105
28	120	85	62	73	100	44	72	235	464	211	18	0	91	256
29	121	76	56	66	100	60	80	128	313	150	19	0	56	133
30	122	76	51	63	100	50	75	149	576	190	0	0	50	232
SUMS		2237	1658	1942	2943	1670	2306	4410	13804	5648	271	0	2477	6309
AVERAGE		74.6	55.3	64.7	98.1	55.7	76.9	0.147	460.1	188.3	0.09	0.0	82.6	0.210

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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	61	52	60	53	59	54	60	55	63	49	61	51	60	53	60	54
2	94	63	48	60	50	58	52	58	53	64	44	61	46	59	50	58	52
3	95	64	50	61	51	58	52	57	53	71	49	66	49	62	50	58	51
4	96	70	52	65	52	61	53	59	53	79	51	71	52	66	53	61	54
5	97	75	54	70	54	64	56	61	56	85	53	77	55	70	55	64	56
6	98	57	52	57	53	58	53	58	54	57	50	57	52	58	53	58	53
7	99	71	52	65	53	61	53	59	53	77	51	70	52	65	63	60	53
8	100	69	54	65	55	61	55	59	55	78	54	71	54	66	55	61	56
9	101	68	58	65	58	62	58	60	57	78	59	71	57	66	57	62	57
10	102	73	62	70	61	66	60	63	60	81	61	76	63	71	61	65	60
11	103	72	59	70	61	66	60	64	60	79	57	74	59	70	61	66	61
12	104	74	58	70	60	66	61	64	60	85	55	78	58	72	59	66	61
13	105	78	60	74	60	69	61	66	59	92	56	84	58	76	60	69	60
14	106	80	62	76	61	70	62	67	61	95	60	87	61	79	62	71	62
15	107	80	63	75	63	71	64	68	64	94	63	86	64	79	65	71	63
16	108	76	59	72	60	69	63	67	63	88	57	80	59	75	62	69	63
17	109	77	59	73	61	69	61	66	62	88	58	81	59	75	61	69	63
18	110	81	61	76	62	71	61	68	62	96	61	87	61	80	62	71	62
19	111	80	65	75	64	71	64	68	64	95	66	85	64	77	66	71	66
20	112	72	64	70	66	68	66	67	64	75	65	72	66	70	66	68	65
21	113	77	65	74	65	70	64	68	64	85	66	79	66	74	66	69	64
22	114	73	64	71	64	69	65	67	64	79	61	74	63	72	64	68	65
23	115	74	59	72	61	69	63	67	63	84	54	78	57	73	60	69	62
24	116	78	58	74	59	69	62	67	62	90	53	82	57	76	60	69	62
25	117	78	60	74	61	70	61	68	62	94	58	86	58	78	60	70	61
26	118	77	63	74	64	70	64	68	63	92	65	84	64	77	64	71	64
27	119	72	63	70	63	69	64	67	64	82	60	76	63	72	64	69	64
28	120	78	63	74	65	70	64	68	64	93	62	84	63	77	64	70	64
29	121	74	62	71	62	68	63	67	63	80	58	74	60	71	61	68	62
30	122	77	60	74	62	69	63	68	63	87	55	79	59	74	61	69	63
SUMS		2199	1761	2097	1784	1991	1802	1934	1800	2486	1711	2291	1750	2140	1798	1990	1803
AVERAGES		73.3	58.7	69.9	59.5	66.4	60.1	64.5	60.0	82.9	57.0	76.4	58.3	71.3	59.9	66.3	60.1

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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	93	9	16		0
2	94	15	10		0
3	95	6	19		0
4	96	7	18		0
5	97	9	16		0
6	98	13	12		0
7	99	5	20		0
8	100	4	21		0
9	101	0	26		1
10	102	0	32		7
11	103	0	26		1
12	104	4	21		0
13	105	0	27		2
14	106	0	29		4
15	107	0	33		8
16	108	0	26		1
17	109	6	19		0
18	110	0	29		4
19	111	0	37		12
20	112	0	28		3
21	113	0	33		8
22	114	0	29		4
23	115	3	22		0
24	116	6	19		0
25	117	0	29		4
26	118	0	36		11
27	119	0	27		2
28	120	0	33		8
29	121	0	26		1
30	122	2	23		0
SUMS FOR MONTH		89	742		81
7443	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
1459	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
88	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	