

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

SEPTEMBER 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	185	70	58	64	100	84	92	48	146	134	15	0	65	68
2	186	65	49	57	100	60	80	93	333	169	T	0	90	110
3	187	64	43	53	100	49	74	108	397	167	T	0	59	88
4	188	67	43	55	100	42	71	126	436	134	0	0	46	148
5	189	66	42	54	100	51	75	117	485	123	0	0	77	171
6	190	67	46	56	100	46	73	120	512	84	0	0	77	156
7	191	69	49	59	100	36	68	160	454	161	5	0	67	165
8	192	68	53	60	100	46	73	140	371	180	17	0	112	173
9	193	73	57	65	100	60	80	123	285	132	68	0	77	207
10	194	71	50	60	100	50	75	129	404	148	0	0	79	118
11	195	62	49	55	100	50	75	112	441	144	0	0	84	191
12	196	62	48	55	100	62	81	82	296	209	0	0	95	146
13	197	72	52	62	100	56	78	122	366	159	0	0	90	140
14	198	79	66	72	100	64	82	141	237	183	25	0	97	159
15	199	69	52	60	100	96	98	10	145	131	32	0	46	70
16	200	72	57	64	100	66	83	101	322	176	0	0	46	83
17	201	83	65	74	100	49	74	218	331	203	0	0	52	92
18	202	75	49	62	100	72	86	78	97	69	15	0	88	136
19	203	65	53	59	100	52	76	120	416	114	0	0	88	167
20	204	65	48	56	100	48	74	116	464	44	0	0	101	174
21	205	75	49	62	100	35	67	178	444	41	0	0	47	159
22	206	76	51	63	100	46	73	161	424	68	0	0	37	149
23	207	71	52	61	100	50	75	138	283	184	16	0	89	114
24	208	61	53	57	100	98	99	4	86	82	12	0	55	13
25	209	66	58	62	100	84	92	44	136	130	0	0	18	45
26	210	70	60	65	100	92	96	25	233	190	T	0	64	87
27	211	73	61	67	100	81	90	66	204	137	50	0	113	97
28	212	74	52	63	100	58	79	120	292	152	T	0	98	168
29	213	58	51	54	100	86	93	29	128	110	12	0	102	32
30	214	57	45	51	100	78	89	41	163	130	5	0	139	88
SUMS		2065	1561	1807	3000	1847	2421	3070	9331	4088	272	0	2298	3714
AVERAGE		68.8	52.0	60.2	100.0	61.6	80.7	0.102	311.0	136.3	0.09	0.0	76.6	0.124

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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	185	70	62	69	63	68	65	67	65	70	62	69	63	68	64	67	65
2	186	70	55	69	58	67	61	66	62	70	55	68	57	68	59	66	62
3	187	72	54	69	56	66	60	65	62	72	52	69	55	67	58	65	61
4	188	75	54	71	56	67	60	65	61	76	54	71	56	68	58	65	60
5	189	75	53	72	56	67	60	66	61	76	53	72	55	69	58	66	61
6	190	76	54	73	56	68	60	66	61	77	53	73	56	70	58	66	60
7	191	77	56	72	57	67	60	66	62	77	56	73	56	69	59	66	61
8	192	73	58	70	60	67	62	66	63	74	58	70	60	68	61	66	62
9	193	70	60	68	60	66	62	65	63	71	60	68	60	67	61	65	62
10	194	72	56	70	58	66	61	65	62	72	55	70	57	68	60	65	61
11	195	70	55	68	57	65	60	64	62	72	55	68	57	66	59	64	61
12	196	67	53	65	55	63	58	63	60	68	53	66	55	64	57	63	59
13	197	72	56	69	56	65	58	64	60	73	55	69	55	66	57	64	59
14	198	75	62	71	62	67	62	66	62	76	62	72	62	69	62	66	62
15	199	70	59	69	60	67	62	66	63	71	58	69	60	68	62	66	62
16	200	75	61	71	61	67	62	66	63	75	71	71	61	69	61	66	62
17	201	78	65	74	65	70	65	68	65	78	65	75	65	72	65	69	65
18	202	70	57	69	59	67	63	68	64	70	56	69	59	68	62	67	63
19	203	70	56	68	58	66	61	65	62	70	55	70	58	66	60	65	61
20	204	70	54	68	56	65	60	64	61	72	54	69	56	67	59	64	60
21	205	76	57	72	57	67	60	65	61	78	56	73	57	70	59	66	60
22	206	78	58	74	59	68	61	66	62	79	58	74	59	71	61	67	62
23	207	71	58	69	60	66	62	65	63	72	58	69	60	67	62	65	62
24	208	64	59	63	60	63	62	63	62	63	58	63	60	63	61	63	61
25	209	68	61	66	61	64	62	64	62	68	60	66	61	65	61	64	62
26	210	71	62	69	61	66	62	65	63	71	62	69	62	67	62	65	62
27	211	70	62	68	63	66	63	65	64	70	62	68	63	67	63	65	63
28	212	72	56	69	58	67	61	66	62	73	56	70	57	68	60	66	61
29	213	61	53	61	54	61	57	62	59	61	52	60	54	61	56	62	58
30	214	58	50	58	52	59	55	59	57	58	50	58	52	58	54	58	56
SUMS		2136	1716	2064	1754	1978	1827	1951	1859	2153	1714	2071	1748	2014	1799	1952	1836
AVERAGES		71.2	57.2	68.8	58.5	65.9	60.9	65.0	62.0	71.8	57.1	69.0	58.3	67.1	60.0	65.1	61.2

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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	185	1	24		0
2	186	8	17		0
3	187	12	13		0
4	188	10	15		0
5	189	11	14		0
6	190	9	16		0
7	191	6	19		0
8	192	5	20		0
9	193	0	25		0
10	194	5	20		0
11	195	10	15		0
12	196	10	15		0
13	197	3	22		0
14	198	0	32		7
15	199	5	20		0
16	200	1	24		0
17	201	0	34		9
18	202	3	22		0
19	203	6	19		0
20	204	9	16		0
21	205	3	22		0
22	206	2	23		0
23	207	4	21		0
24	208	8	17		0
25	209	3	22		0
26	210	0	25		0
27	211	0	27		2
28	212	2	23		0
29	213	11	14		0
30	214	14	11		0
SUMS FOR MONTH		161	607		18
216	ACCUMULATED HEATING DEGREE DAYS SINCE JULY 1				
3928	ACCUMULATED GROWING DEGREE DAYS SINCE JAN. 1				
479	ACCUMULATED COOLING DEGREE DAYS SINCE APR. 1				