

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 1992

MO.	CL.	AIR TEMP.F			REL.HUM.PCT			VPD	SOLAR RAD		PPT	SNOW	MI.WIND	PAN
DAY	DAY	MAX	MIN	AVG	MAX	MIN	AVG	THOU	GM CAL/CM2	HUND	TNTH	1.5 FT	THOU IN	
								IN/HG	TOTAL	DIFF	INS	INS	EVAP	
1	185	65	51	58	94	56	75	120	347	210	0	0	100	163
2	186	66	49	57	100	58	79	101	408	202	0	0	65	134
3	187	72	53	62	100	52	76	133	422	199	28	0	76	136
4	188	72	60	66	100	84	92	51	142	112	22	0	70	15
5	189	73	50	61	100	54	77	128	482	123	3	0	51	203
6	190	75	55	65	92	62	77	142	436	149	0	0	109	178
7	191	69	61	65	100	82	91	56	180	168	3	0	140	117
8	192	78	61	69	100	72	86	102	408	211	0	0	111	145
9	193	80	53	66	100	70	85	96	319	170	T	0	94	140
10	194	75	57	66	100	70	85	96	458	138	T	0	91	162
11	195	82	53	67	100	64	82	123	217	147	2	0	88	120
12	196	64	46	55	80	58	69	134	396	149	0	0	74	152
13	197	62	43	52	100	52	76	93	479	98	T	0	28	102
14	198	69	43	56	100	50	75	112	468	88	0	0	57	144
15	199	74	50	62	100	64	82	100	410	175	0	0	79	132
16	200	81	60	70	100	56	78	161	390	176	0	0	44	123
17	201	83	63	73	100	60	80	162	293	190	0	0	49	131
18	202	83	63	73	100	54	77	186	394	202	0	0	64	179
19	203	79	52	65	100	62	81	122	279	170	85	0	114	299
20	204	79	44	61	100	48	74	144	399	118	T	0	71	65
21	205	79	43	61	100	54	77	124	413	92	0	0	81	134
22	206	68	60	64	100	96	98	12	69	68	79	0	155	5
23	207	69	45	57	100	68	84	74	74	60	39	0	110	187
24	208	50	34	42	100	48	74	69	431	97	0	0	92	48
25	209	59	37	48	100	46	73	90	433	66	0	0	45	98
26	210	65	43	54	100	38	69	129	423	69	49	0	72	52
27	211	59	50	54	100	72	86	58	119	118	83	0	63	148
28	212	70	49	59	100	56	78	114	220	89	16	0	106	223
29	213	71	43	57	100	38	69	134	382	78	0	0	84	61
30	214	51	38	44	100	68	84	46	238	168	0	0	126	103
SUMS		2122	1509	1809	2966	1812	2389	3212	10129	4100	409	0	2509	3899
AVERAGE		70.7	50.3	60.3	98.9	60.4	79.6	0.107	337.6	136.7	0.14	0.0	83.6	0.130

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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	66	60	66	61	65	62	65	63	72	53	70	56	67	59	65	62
2	186	67	60	66	61	65	62	65	63	76	53	72	56	68	59	66	61
3	187	69	61	68	61	66	62	65	63	81	59	76	58	71	59	66	61
4	188	68	64	67	65	66	64	66	64	72	61	70	62	68	64	66	64
5	189	73	63	71	64	68	64	67	65	83	56	78	59	73	61	69	64
6	190	72	64	71	64	68	64	67	65	85	62	80	60	74	61	69	64
7	191	67	64	67	65	66	65	66	65	70	61	69	62	68	64	66	64
8	192	72	65	71	65	68	65	67	65	86	63	80	63	74	64	69	64
9	193	71	64	70	65	68	66	68	66	81	60	77	62	73	64	69	66
10	194	73	65	71	65	68	66	68	66	85	62	80	62	75	64	70	65
11	195	72	63	70	64	69	65	68	66	82	55	77	58	73	61	69	64
12	196	68	60	67	61	66	62	66	63	77	54	73	56	70	59	67	62
13	197	69	59	68	60	65	62	65	63	81	51	76	54	71	58	66	61
14	198	68	59	67	60	65	62	64	63	82	53	76	56	71	58	66	61
15	199	68	60	67	61	65	62	64	63	81	58	76	57	71	59	66	61
16	200	72	63	70	63	67	64	66	64	85	62	80	62	74	62	69	64
17	201	73	66	72	66	69	66	68	66	85	63	80	65	74	66	70	66
18	202	75	67	73	67	70	67	69	67	88	64	83	65	77	66	71	67
19	203	72	63	71	64	69	66	68	66	81	56	78	59	74	62	70	65
20	204	69	59	68	60	67	62	66	63	75	50	71	53	69	57	66	61
21	205	68	59	67	60	65	62	64	63	78	54	73	54	69	57	65	61
22	206	65	61	64	62	64	62	64	63	66	60	65	60	64	61	64	62
23	207	66	58	66	59	65	60	65	62	69	49	68	52	66	56	65	60
24	208	63	52	62	54	62	56	62	58	68	42	65	46	63	50	61	55
25	209	64	53	62	54	60	56	60	58	72	45	67	47	63	50	60	55
26	210	63	53	62	55	60	56	60	58	72	48	67	49	63	52	60	56
27	211	61	56	60	57	60	58	60	59	64	55	63	56	61	57	60	58
28	212	64	56	62	57	62	58	61	59	70	51	67	53	64	55	62	58
29	213	67	54	65	56	63	58	62	59	74	47	69	50	65	54	62	57
30	214	57	51	58	52	58	54	59	56	58	44	57	47	57	50	57	53
SUMS		2042	1802	2009	1828	1959	1858	1945	1884	2299	1651	2183	1699	2070	1769	1971	1842
AVERAGES		68.1	60.1	67.0	60.9	65.3	61.9	64.8	62.8	76.6	55.0	72.8	56.6	69.0	59.0	65.7	61.4

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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	7	18		0
2	186	8	17		0
3	187	3	22		0
4	188	0	26		1
5	189	4	21		0
6	190	0	25		0
7	191	0	25		0
8	192	0	29		4
9	193	0	26		1
10	194	0	26		1
11	195	0	27		2
12	196	10	15		0
13	197	13	12		0
14	198	9	16		0
15	199	3	22		0
16	200	0	30		5
17	201	0	33		8
18	202	0	33		8
19	203	0	25		0
20	204	4	21		0
21	205	4	21		0
22	206	1	24		0
23	207	8	17		0
24	208	23	2		0
25	209	17	8		0
26	210	11	14		0
27	211	11	14		0
28	212	6	19		0
29	213	8	17		0
30	214	21	4		0
SUMS FOR MONTH		171	609		30
274	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
3495	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
195	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		