

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 1991

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	71	45	58	100	64	82	87	258	163	0	0	94	119
2	186	74	43	58	100	46	73	130	538	57	0	0	61	272
3	187	76	53	64	100	30	65	208	534	68	0	0	84	320
4	188	85	59	72	100	42	71	227	433	150	29	0	98	243
5	189	73	55	64	100	82	91	54	280	209	12	0	75	126
6	190	74	52	63	100	52	76	138	430	136	0	0	45	164
7	191	77	52	64	100	42	71	172	469	88	0	0	45	222
8	192	80	59	69	100	44	72	205	400	149	0	0	40	130
9	193	82	58	70	100	54	77	168	418	149	0	0	46	176
10	194	86	64	75	100	48	74	225	346	174	0	0	73	224
11	195	84	59	71	100	74	87	102	188	159	9	0	91	108
12	196	66	47	56	100	58	79	94	397	168	0	0	85	174
13	197	71	46	58	100	48	74	125	487	79	0	0	45	168
14	198	75	53	64	100	48	74	155	358	226	0	0	40	81
15	199	78	60	69	100	50	75	180	425	90	5	0	52	218
16	200	89	64	76	100	70	85	134	251	168	15	0	69	123
17	201	92	68	80	100	60	80	204	324	182	4	0	87	204
18	202	78	55	66	100	54	77	146	421	123	0	0	75	241
19	203	80	52	66	100	74	87	83	230	173	25	0	99	139
20	204	60	44	52	100	56	78	85	163	128	6	0	72	87
21	205	58	40	49	100	62	81	66	293	137	5	0	78	92
22	206	57	37	47	100	50	75	80	362	130	0	0	55	57
23	207	70	43	56	100	44	72	125	420	59	12	0	142	253
24	208	66	45	55	100	52	76	108	248	102	3	0	96	99
25	209	63	47	55	100	58	79	90	317	142	76	0	64	119
26	210	55	47	51	100	98	99	4	108	98	6	0	43	5
27	211	62	39	50	100	58	79	82	235	117	5	0	103	116
28	212	55	38	46	100	40	70	93	417	87	0	0	105	148
29	213	54	35	44	100	46	73	78	327	130	0	0	79	119
30	214	63	29	46	100	40	70	93	348	122	0	0	75	128
SUMS		2154	1488	1814	3000	1644	2322	3741	10425	3963	212	0	2216	4675
AVERAGE		71.8	49.6	60.5	100.0	54.8	77.4	0.125	347.5	132.1	0.07	0.0	73.9	0.156

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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	75	63	75	65	76	67	76	69	81	56	78	60	76	64	77	68
2	186	75	62	73	64	73	66	72	67	88	54	82	59	77	62	73	66
3	187	74	62	73	64	72	66	71	67	89	58	82	60	77	62	73	66
4	188	77	65	75	66	74	67	72	68	92	64	85	64	79	65	74	67
5	189	74	64	73	65	72	66	71	68	79	58	76	61	74	64	72	66
6	190	74	64	73	65	72	66	71	67	87	59	80	62	76	64	72	66
7	191	75	64	74	65	72	66	71	67	90	60	83	63	78	64	73	66
8	192	75	64	74	65	72	67	71	68	89	64	82	64	78	65	73	67
9	193	78	67	76	67	74	68	73	69	94	64	86	66	80	68	75	69
10	194	76	68	75	68	74	69	73	70	91	68	84	67	79	68	75	70
11	195	75	68	74	69	73	69	72	70	85	64	80	66	77	68	74	70
12	196	72	62	72	64	71	65	71	67	82	56	77	59	74	62	71	66
13	197	74	62	73	63	72	65	70	66	89	56	82	60	76	62	72	65
14	198	72	62	71	63	70	65	69	66	85	60	78	60	74	63	70	65
15	199	76	65	75	66	73	67	71	67	92	64	85	64	79	66	73	67
16	200	75	68	74	68	72	68	71	69	84	66	79	67	75	68	72	69
17	201	78	70	77	70	75	70	73	70	94	68	86	70	81	70	76	70
18	202	76	66	75	67	74	68	73	69	89	63	83	65	79	67	75	69
19	203	72	64	72	66	71	67	70	68	82	59	77	62	74	65	72	68
20	204	65	56	66	58	67	60	68	62	64	49	64	52	65	56	68	60
21	205	62	55	63	57	63	59	64	60	66	48	63	51	62	54	62	58
22	206	63	53	63	55	62	57	62	59	73	45	68	49	64	53	62	57
23	207	63	53	63	55	62	57	63	59	78	49	71	50	67	53	64	57
24	208	62	55	62	56	62	58	62	59	67	49	65	52	63	54	62	58
25	209	64	55	64	56	62	58	62	59	75	52	69	52	65	54	63	58
26	210	60	56	60	56	60	56	60	58	60	51	60	53	59	54	59	55
27	211	59	52	59	52	60	54	60	56	62	43	59	46	59	49	60	54
28	212	58	50	58	51	58	53	58	55	67	42	62	46	60	49	58	53
29	213	56	48	56	49	57	52	57	54	64	42	60	44	58	48	57	52
30	214	57	46	56	48	57	51	58	53	66	38	61	42	59	47	58	51
SUMS		2092	1809	2074	1843	2052	1887	2035	1926	2404	1669	2247	1736	2144	1808	2065	1893
AVERAGES		69.7	60.3	69.1	61.4	68.4	62.9	67.8	64.2	80.1	55.6	74.9	57.9	71.5	60.3	68.8	63.1

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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	185	7	18		0
2	186	7	18		0
3	187	1	24		0
4	188	0	32		7
5	189	1	24		0
6	190	2	23		0
7	191	1	24		0
8	192	0	29		4
9	193	0	30		5
10	194	0	35		10
11	195	0	31		6
12	196	9	16		0
13	197	7	18		0
14	198	1	24		0
15	199	0	29		4
16	200	0	36		11
17	201	0	40		15
18	202	0	26		1
19	203	0	26		1
20	204	13	12		0
21	205	16	9		0
22	206	18	7		0
23	207	9	16		0
24	208	10	15		0
25	209	10	15		0
26	210	14	11		0
27	211	15	10		0
28	212	19	6		0
29	213	21	4		0
30	214	19	6		0
SUMS FOR MONTH		200	614		64
217	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
4425	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
700	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		