

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

OCTOBER 1992

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	215	48	36	42	100	60	80	53	224	162	0	0	89	82
2	216	56	41	48	100	56	78	73	255	151	0	0	75	70
3	217	73	50	61	68	48	58	233	352	102	0	0	113	280
4	218	73	41	57	100	72	86	65	250	157	0	0	82	36
5	219	56	35	45	100	48	74	81	373	80	0	0	62	139
6	220	49	32	40	100	58	79	52	373	74	0	0	76	95
7	221	53	33	43	100	46	73	75	369	62	0	0	36	73
8	222	65	37	51	100	40	70	112	359	58	0	0	43	102
9	223	67	45	56	100	48	74	116	335	73	35	0	99	129
10	224	68	48	58	90	84	87	62	126	103	44	0	69	35
11	225	65	51	58	100	54	77	111	224	160	6	0	73	63
12	226	62	46	54	100	58	79	88	125	102	21	0	48	108
13	227	60	38	49	100	48	74	90	236	155	1	0	92	105
14	228	56	38	47	100	36	68	103	264	109	0	0	81	100
15	229	51	40	45	100	88	94	19	47	46	7	0	64	5
16	230	64	50	57	100	80	90	46	95	88	22	0	41	26
17	231	70	38	54	80	52	66	142	87	85	16	0	154	205
18	232	47	35	41	100	48	74	67	216	132	2	0	86	24
19	233	46	35	40	100	52	76	59	142	125	5	0	81	16
20	234	38	27	32	90	50	70	54	212	130	0	0	125	95
21	235	40	29	34	100	58	79	41	152	119	12	0	90	47
22	236	46	38	42	100	86	93	18	69	69	8	0	57	14
23	237	48	33	40	100	62	81	46	156	116	0	0	28	30
24	238	65	34	49	80	40	60	144	208	149	5	0	82	62
25	239	60	36	48	90	48	69	104	20	20	44	0	116	56
26	240	40	29	34	100	66	83	33	120	113	2	0	94	62
27	241	47	32	39	100	82	91	22	95	54	20	0	86	78
28	242	52	36	44	100	56	78	63	182	125	0	0	66	55
29	243	54	34	44	100	44	72	80	201	120	0	0	38	67
30	244	49	37	43	100	82	91	25	36	35	2	0	74	10
31	245	40	28	34	84	74	79	41	79	81	0	0	37	95
SUMS		1708	1162	1429	2982	1824	2403	2318	5982	3155	252	0	2357	2364
AVERAGE		55.1	37.5	46.1	96.2	58.8	77.5	0.075	193.0	101.8	0.08	0.0	76.0	0.076

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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	215	56	49	56	51	56	52	56	54	59	42	56	45	55	48	55	52
2	216	56	49	56	51	55	52	56	54	61	45	58	46	56	48	55	52
3	217	62	51	60	52	58	53	58	54	71	49	67	49	62	50	58	52
4	218	63	53	62	55	60	56	60	57	72	47	68	50	64	53	60	56
5	219	62	49	61	51	60	53	59	55	69	42	65	46	62	49	59	53
6	220	58	47	57	49	56	52	56	54	64	39	60	42	58	46	56	52
7	221	59	47	57	49	56	51	55	53	66	41	61	42	58	46	56	50
8	222	61	48	59	50	57	51	57	53	69	44	64	45	60	48	56	51
9	223	61	50	59	51	57	52	56	54	69	47	64	47	60	49	57	52
10	224	61	53	59	54	58	55	58	56	66	49	62	51	60	53	58	55
11	225	60	53	59	54	58	55	57	55	63	51	61	52	59	53	57	54
12	226	59	52	58	53	57	54	57	55	64	49	61	50	58	51	57	54
13	227	59	48	58	51	57	53	56	54	62	42	59	44	58	48	56	52
14	228	56	47	55	49	55	50	55	52	59	41	56	44	55	46	54	49
15	229	51	48	52	49	52	50	53	52	51	45	50	45	51	46	51	49
16	230	57	51	56	51	55	52	55	52	63	51	58	50	56	50	55	51
17	231	58	47	58	49	57	50	56	52	62	40	60	43	58	46	58	50
18	232	52	44	52	46	52	50	52	49	52	38	51	40	51	44	51	48
19	233	50	44	50	45	50	47	51	49	49	39	48	41	48	43	50	46
20	234	47	40	48	42	49	43	50	45	46	32	45	36	47	40	48	43
21	235	46	40	46	42	46	43	47	45	45	34	44	36	44	40	46	43
22	236	47	43	47	44	47	44	48	46	48	41	47	41	46	42	47	44
23	237	50	42	50	43	49	45	49	47	53	35	51	38	50	41	49	45
24	238	53	42	51	44	51	45	50	47	58	38	55	39	52	41	51	45
25	239	52	45	52	46	51	48	52	49	54	40	53	42	52	45	51	48
26	240	47	40	48	42	48	44	49	46	46	33	46	36	47	40	48	44
27	241	46	40	46	42	47	43	47	45	45	33	44	36	45	39	47	42
28	242	49	42	48	43	48	44	48	45	50	37	49	40	48	41	47	44
29	243	51	42	49	43	48	45	49	46	54	38	52	40	49	41	48	45
30	244	47	43	47	44	47	45	48	46	47	40	46	41	46	42	47	44
31	245	47	40	47	42	46	43	48	45	47	34	46	37	46	40	46	42
SUMS		1683	1429	1663	1477	1643	1520	1648	1566	1784	1276	1707	1334	1661	1409	1634	1507
AVERAGES		54.3	46.1	53.6	47.6	53.0	49.0	53.2	50.5	57.5	41.2	55.1	43.0	53.6	45.5	52.7	48.6

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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	215	23	2		0
2	216	17	8		0
3	217	4	21		0
4	218	8	17		0
5	219	20	5		0
6	220	25	0		0
7	221	22	3		0
8	222	14	11		0
9	223	9	16		0
10	224	7	18		0
11	225	7	18		0
12	226	11	14		0
13	227	16	9		0
14	228	18	7		0
15	229	20	5		0
16	230	8	17		0
17	231	11	14		0
18	232	24	1		0
19	233	25	0		0
20	234	33	0		0
21	235	31	0		0
22	236	23	2		0
23	237	25	0		0
24	238	16	9		0
25	239	17	8		0
26	240	31	0		0
27	241	26	0		0
28	242	21	4		0
29	243	21	4		0
30	244	22	3		0
31	245	31	0		0
SUMS FOR MONTH		586	216		0
860	ACCUMULATED	HEATING DEGREE	DAYS SINCE	JULY 1	
3711	ACCUMULATED	GROWING DEGREE	DAYS SINCE	JAN. 1	
195	ACCUMULATED	COOLING DEGREE	DAYS SINCE	APR. 1	