

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 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	215	64	32	48	100	46	73	90	332	122	0	0	159	165
2	216	74	56	65	100	68	84	99	212	147	4	0	62	79
3	217	80	59	69	100	44	72	205	332	137	0	0	111	218
4	218	77	47	62	100	62	81	106	189	97	1	0	53	87
5	219	65	50	57	100	98	99	5	157	128	T	0	69	29
6	220	79	47	63	100	62	81	109	254	118	55	0	155	217
7	221	59	39	49	100	50	75	86	248	102	T	0	108	100
8	222	52	40	46	100	54	77	71	269	153	0	0	99	85
9	223	63	43	53	100	40	70	121	302	119	0	0	75	132
10	224	71	51	61	100	48	74	139	165	137	T	0	97	140
11	225	58	36	47	100	90	95	16	26	24	29	0	43	1
12	226	49	36	42	100	92	96	11	113	110	1	0	27	33
13	227	50	40	45	100	98	99	3	102	100	2	0	35	14
14	228	47	29	38	100	68	84	36	119	108	0	0	87	17
15	229	53	32	42	100	70	85	40	247	139	0	0	121	85
16	230	55	41	48	100	98	99	4	52	48	84	0	52	0
17	231	52	33	42	100	64	82	48	313	83	0	0	60	84
18	232	61	35	48	100	52	76	80	305	66	0	0	49	87
19	233	68	39	53	100	52	76	100	276	78	1	0	67	20
20	234	46	33	39	100	88	94	15	80	79	7	0	99	121
21	235	48	32	40	100	52	76	59	240	109	T	0	55	90
22	236	53	38	45	100	66	83	54	165	141	0	0	118	91
23	237	67	46	56	100	52	76	108	273	72	0	0	50	92
24	238	75	49	62	100	66	83	94	259	89	0	0	110	127
25	239	68	58	63	100	58	79	120	170	125	0	0	162	191
26	240	74	58	66	100	56	78	150	212	118	0	0	116	74
27	241	74	59	66	84	48	66	217	215	109	0	0	87	64
28	242	71	41	56	100	83	91	36	97	88	11	0	120	44
29	243	51	28	39	100	58	79	52	253	76	0	0	55	76
30	244	52	27	39	100	38	69	76	276	59	0	0	40	40
31	245	58	29	43	100	36	68	92	269	57	0	0	62	88
SUMS		1914	1283	1592	3084	1957	2520	2442	6522	3138	195	0	2603	2691
AVERAGE		61.7	41.4	51.4	99.5	63.1	81.3	0.079	210.4	101.2	0.06	0.0	84.0	0.087

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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	47	55	48	55	50	56	52	66	41	61	43	58	47	56	50
2	216	61	54	60	54	60	55	59	56	71	55	66	55	63	55	60	56
3	217	65	58	64	58	63	58	62	59	79	57	72	57	68	58	63	58
4	218	65	56	64	57	63	58	62	59	76	52	70	54	66	56	63	58
5	219	62	57	61	57	61	58	60	59	68	54	64	55	62	56	61	58
6	220	66	58	64	59	64	60	63	60	77	54	71	56	67	58	64	60
7	221	62	50	61	52	61	54	61	56	64	42	62	46	61	49	60	53
8	222	55	49	55	50	56	52	56	53	60	42	57	46	56	48	56	52
9	223	57	49	57	50	56	52	56	53	67	45	62	46	59	48	56	52
10	224	57	51	57	52	57	53	57	54	64	50	61	50	59	52	57	54
11	225	55	49	55	50	55	51	56	53	55	42	55	44	55	48	56	51
12	226	53	48	54	49	54	50	54	51	55	41	53	44	54	46	54	49
13	227	53	49	53	50	52	50	54	51	55	43	53	46	52	48	52	49
14	228	51	44	51	45	51	47	53	49	51	34	50	38	50	42	52	46
15	229	50	44	51	45	51	46	52	49	57	36	52	38	51	42	52	46
16	230	52	47	52	49	52	49	52	50	53	44	52	45	52	48	52	48
17	231	54	46	53	47	53	48	53	50	60	38	56	41	54	44	53	48
18	232	55	46	54	47	53	48	53	49	64	40	58	42	55	44	53	48
19	233	56	48	54	48	54	49	54	51	66	43	61	44	57	46	54	49
20	234	50	44	51	46	52	48	53	49	50	37	49	40	50	44	53	47
21	235	50	45	50	46	50	47	51	48	56	38	52	40	50	44	50	46
22	236	49	45	49	46	49	47	50	48	53	41	51	42	50	44	49	46
23	237	55	45	53	47	53	48	53	48	66	42	60	44	56	46	53	48
24	238	57	49	56	50	55	50	54	51	70	47	64	48	59	49	55	50
25	239	59	54	58	54	57	54	56	54	66	54	63	54	60	54	57	54
26	240	61	56	60	56	59	56	58	56	72	57	67	57	63	56	60	56
27	241	63	58	62	58	60	58	59	57	74	58	69	58	65	58	61	58
28	242	62	53	61	55	60	55	59	56	68	47	65	50	62	53	60	55
29	243	57	46	56	48	56	50	56	52	62	36	58	40	57	44	56	49
30	244	52	43	53	45	52	47	53	48	59	34	55	38	53	42	52	47
31	245	51	43	50	45	51	47	51	49	59	34	54	38	52	42	50	46
SUMS		1751	1531	1734	1563	1725	1595	1726	1630	1963	1378	1843	1439	1776	1511	1730	1587
AVERAGES		56.5	49.4	55.9	50.4	55.6	51.5	55.7	52.6	63.3	44.5	59.5	46.4	57.3	48.7	55.8	51.2

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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	215	17	8		0
2	216	0	25		0
3	217	0	29		4
4	218	3	22		0
5	219	8	17		0
6	220	2	23		0
7	221	16	9		0
8	222	19	6		0
9	223	12	13		0
10	224	4	21		0
11	225	18	7		0
12	226	23	2		0
13	227	20	5		0
14	228	27	0		0
15	229	23	2		0
16	230	17	8		0
17	231	23	2		0
18	232	17	8		0
19	233	12	13		0
20	234	26	0		0
21	235	25	0		0
22	236	20	5		0
23	237	9	16		0
24	238	3	22		0
25	239	2	23		0
26	240	0	26		1
27	241	0	26		1
28	242	9	16		0
29	243	26	0		0
30	244	26	0		0
31	245	22	3		0
SUMS FOR MONTH		429	357		6
646	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
4782	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
706	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		