

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

APRIL

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	32	48	32	40	100	36	68	79	453	139	7	0	0	0
2	33	38	27	32	92	65	78	40	198	171	4	0	0	0
3	34	33	25	29	100	64	82	28	333	242	T	0	0	0
4	35	36	26	31	76	50	63	64	322	201	0	0	0	0
5	36	44	28	36	78	36	57	91	415	211	0	0	0	0
6	37	47	27	37	78	48	63	81	519	148	0	0	0	0
7	38	47	29	38	88	36	62	87	464	148	2	0	0	0
8	39	66	37	51	88	28	58	163	331	198	2	0	0	0
9	40	49	30	39	94	36	65	86	406	180	0	0	0	0
10	41	49	36	42	100	70	85	40	223	187	1	0	0	0
11	42	56	37	46	100	42	71	90	414	167	20	0	0	0
12	43	56	38	47	100	70	85	48	128	117	24	0	0	0
13	44	41	24	32	74	34	54	83	344	193	0	0	0	0
14	45	38	25	31	70	34	52	86	534	174	0	0	0	0
15	46	47	26	36	89	36	62	80	563	132	0	0	0	0
16	47	48	32	40	82	32	57	106	466	182	T	0	0	0
17	48	51	37	44	100	86	93	20	48	47	90	0	0	0
18	49	42	36	39	100	98	99	2	87	84	4	0	0	0
19	50	45	38	41	100	86	93	18	124	119	21	0	0	0
20	51	60	45	52	98	66	82	70	440	268	0	0	0	0
21	52	69	51	60	98	56	77	119	462	299	T	0	0	0
22	53	71	52	61	100	76	88	67	171	164	14	0	0	0
23	54	71	43	57	86	68	77	107	298	271	0	0	0	0
24	55	60	45	52	100	98	99	4	415	385	10	0	0	0
25	56	56	41	48	100	70	85	50	135	130	T	0	0	0
26	57	46	40	43	100	80	90	28	138	133	12	0	0	0
27	58	49	38	43	100	44	72	80	280	244	0	0	0	0
28	59	56	42	49	69	34	51	160	557	178	0	0	0	0
29	60	56	33	44	80	32	56	126	618	169	0	0	0	0
30	61	64	42	53	74	28	51	197	570	128	0	0	0	0
SUMS		1539	1062	1293	2714	1639	2175	2300	10456	5409	211	0	0	0
AVERAGE		51.3	35.4	43.1	90.5	54.6	72.5	0.077	348.5	180.3	0.07	0.0	0.0	0.000

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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	32	46	36	44	35	44	36	40	34	51	34	49	36	44	34	43	36
2	33	41	34	40	34	40	36	40	36	45	31	42	33	40	34	41	36
3	34	41	34	41	34	39	35	38	35	43	31	42	33	41	34	39	35
4	35	38	33	39	34	39	35	39	35	40	31	39	32	39	33	39	35
5	36	43	33	41	34	41	35	40	35	49	32	44	32	42	34	41	35
6	37	43	34	42	34	41	35	40	36	51	33	46	33	44	34	41	35
7	38	46	34	44	35	42	36	42	37	55	33	49	34	46	36	42	36
8	39	49	38	47	37	45	38	43	39	59	40	54	38	48	37	46	39
9	40	50	38	48	40	46	41	44	40	60	37	54	38	50	40	46	41
10	41	47	40	45	40	43	39	44	41	51	36	48	39	45	39	44	40
11	42	52	40	49	41	47	41	46	40	63	40	56	40	50	40	48	41
12	43	48	42	48	42	47	43	47	42	55	41	50	41	49	43	48	43
13	44	47	35	46	37	46	39	46	39	50	31	48	34	47	37	46	39
14	45	48	35	46	37	45	37	44	39	56	31	50	34	46	36	45	38
15	46	51	37	48	38	46	39	44	39	60	34	54	36	50	37	45	38
16	47	51	38	48	38	45	39	44	40	60	35	54	37	49	36	46	39
17	48	45	41	44	41	44	39	45	41	46	40	46	40	45	41	45	41
18	49	44	40	45	40	43	40	45	41	46	37	45	38	45	39	45	40
19	50	46	40	45	42	44	41	44	40	46	39	47	40	45	41	45	41
20	51	52	44	51	43	48	42	46	43	62	45	56	44	53	43	49	42
21	52	56	48	54	47	52	46	51	46	68	50	62	48	56	47	53	46
22	53	56	51	55	51	53	51	52	50	63	55	59	52	56	53	53	50
23	54	59	51	58	52	55	51	54	51	68	47	63	50	59	51	55	51
24	55	59	51	57	52	54	51	53	51	72	49	65	50	59	51	55	51
25	56	54	48	54	48	53	48	52	49	55	45	55	45	53	46	52	48
26	57	51	47	51	46	49	47	50	47	54	44	51	44	50	44	49	46
27	58	52	44	50	45	49	45	50	46	54	36	53	40	50	42	49	44
28	59	54	45	53	46	51	46	50	46	66	40	60	42	55	43	51	45
29	60	56	46	54	46	53	46	52	48	70	41	64	43	58	45	54	46
30	61	58	47	56	47	53	46	52	48	72	47	66	47	60	45	54	46
SUMS		1483	1224	1443	1236	1397	1243	1377	1254	1690	1165	1571	1193	1474	1215	1409	1243
AVERAGES		49.4	40.8	48.1	41.2	46.6	41.4	45.9	41.8	56.3	38.8	52.4	39.8	49.1	40.5	47.0	41.4

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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	32	25	0		0
2	33	33	0		0
3	34	36	0		0
4	35	34	0		0
5	36	29	0		0
6	37	28	0		0
7	38	27	0		0
8	39	14	11		0
9	40	26	0		0
10	41	23	2		0
11	42	19	6		0
12	43	18	7		0
13	44	33	0		0
14	45	34	0		0
15	46	29	0		0
16	47	25	0		0
17	48	21	4		0
18	49	26	0		0
19	50	24	1		0
20	51	13	12		0
21	52	5	20		0
22	53	4	21		0
23	54	8	17		0
24	55	13	12		0
25	56	17	8		0
26	57	22	3		0
27	58	22	3		0
28	59	16	9		0
29	60	21	4		0
30	61	12	13		0
SUMS FOR MONTH		657	153		0
6659	ACCUMULATED HEATING DEGREE DAYS SINCE JULY 1				
174	ACCUMULATED GROWING DEGREE DAYS SINCE JAN. 1				
0	ACCUMULATED COOLING DEGREE DAYS SINCE APR. 1				