

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

MAY 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	62	78	50	64	100	28	64	214	425	165	0	0	91	183
2	63	79	45	62	100	24	62	211	340	158	T	0	134	208
3	64	52	40	46	100	64	82	56	183	157	10	0	130	85
4	65	49	36	42	100	66	83	46	210	166	0	0	133	86
5	66	53	33	43	100	50	75	69	612	122	0	0	52	119
6	67	70	45	57	100	30	65	169	598	84	6	0	103	251
7	68	68	45	56	100	62	81	86	186	123	62	0	117	106
8	69	56	44	50	96	40	68	115	355	0	1	0	106	249
9	70	58	42	50	100	46	73	98	497	0	0	0	81	88
10	71	54	44	49	100	88	94	21	140	0	14	0	38	12
11	72	68	42	55	100	40	70	130	517	0	0	0	40	127
12	73	76	58	67	80	28	54	304	620	0	0	0	72	286
13	74	82	57	69	100	54	77	168	508	0	0	0	95	223
14	75	83	63	73	100	28	64	292	575	0	14	0	64	261
15	76	78	49	63	100	60	80	119	488	0	T	0	67	201
16	77	80	54	67	100	32	66	225	633	0	0	0	42	225
17	78	89	61	75	100	26	63	320	511	0	0	0	102	316
18	79	78	42	60	100	76	88	62	206	0	80	0	130	108
19	80	56	38	47	100	42	71	94	682	0	0	0	83	139
20	81	69	44	56	100	38	69	138	670	0	0	0	46	245
21	82	73	50	61	100	30	65	194	666	0	0	0	61	255
22	83	80	56	68	100	38	69	212	645	0	0	0	58	245
23	84	81	57	69	100	46	73	205	626	0	0	0	59	225
24	85	85	63	74	98	35	66	285	624	0	0	0	64	307
25	86	86	70	78	100	44	72	268	484	0	0	0	87	188
26	87	80	61	70	100	78	89	80	487	0	0	0	72	128
27	88	88	65	76	100	52	76	215	322	0	67	0	79	210
28	89	77	69	73	100	96	98	16	192	0	3	0	60	179
29	90	78	59	68	100	58	79	144	651	0	0	0	82	240
30	91	83	64	73	100	60	80	168	452	0	0	0	46	165
31	92	84	70	77	100	62	81	176	315	0	41	0	73	131
SUMS		2271	1616	1938	3074	1521	2297	4900	14420	975	298	0	2467	5791
AVERAGE		73.3	52.1	62.5	99.2	49.1	74.1	0.158	465.2	31.5	0.10	0.0	79.6	0.187

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		SOIL TEMPERATURE F															
		SOD								BARE							
MO.	CL.	2 INCH		4 INCH		8 INCH		12 INCH		2 INCH		4 INCH		8 INCH		12 INCH	
DAY	DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	62	63	54	61	54	57	54	56	54	73	50	67	51	62	54	57	54
2	63	61	53	59	53	56	53	55	54	69	49	64	51	60	52	56	53
3	64	54	49	55	50	53	50	54	51	55	44	55	46	54	48	53	50
4	65	51	47	52	48	51	49	51	49	52	41	51	44	51	46	51	48
5	66	59	47	56	48	53	48	52	49	68	42	63	45	57	46	53	48
6	67	61	49	58	49	55	50	53	50	73	47	65	47	60	48	55	50
7	68	59	52	57	52	55	52	54	53	67	48	61	49	58	51	55	52
8	69	56	51	55	52	53	52	53	52	58	48	56	49	54	50	53	51
9	70	58	51	57	52	54	52	53	52	64	48	60	49	57	50	54	51
10	71	54	51	54	52	53	52	52	52	56	49	54	50	53	50	53	51
11	72	64	52	60	53	57	52	55	52	78	49	69	52	63	52	57	52
12	73	68	54	64	54	60	54	58	54	88	54	76	53	69	53	61	54
13	74	69	60	66	59	62	58	60	57	87	59	78	61	71	60	64	58
14	75	73	61	69	60	66	60	63	59	94	63	83	62	75	61	67	60
15	76	73	61	70	62	66	62	64	61	86	56	78	59	73	61	67	62
16	77	75	62	71	62	67	62	64	61	94	60	83	61	76	61	68	62
17	78	74	63	71	63	67	63	65	62	93	64	83	64	76	63	69	63
18	79	68	57	67	59	65	60	64	60	76	49	71	53	68	56	66	59
19	80	68	57	66	58	64	58	62	59	79	49	72	53	67	56	63	58
20	81	70	58	68	58	64	58	62	59	87	54	77	55	71	56	65	58
21	82	71	59	68	60	65	60	63	60	90	57	80	59	73	59	66	60
22	83	74	61	71	61	67	61	65	61	93	62	83	62	76	62	68	62
23	84	77	64	73	64	70	64	67	63	94	63	85	65	78	65	70	64
24	85	78	66	74	65	70	65	68	64	97	67	87	67	79	66	72	66
25	86	77	67	74	67	71	66	68	66	93	70	85	70	79	69	72	67
26	87	78	68	75	68	72	68	69	67	95	68	86	69	80	69	73	69
27	88	74	68	72	68	70	68	69	67	87	70	80	69	75	69	71	68
28	89	73	68	72	68	70	67	68	67	77	66	75	67	72	68	70	67
29	90	80	67	77	67	73	67	70	67	92	64	84	66	78	67	72	67
30	91	76	68	74	67	71	67	69	66	88	68	81	67	76	67	71	67
31	92	75	69	73	68	70	68	69	67	83	68	77	69	74	69	70	67
SUMS		2111	1814	2039	1821	1947	1820	1895	1815	2486	1746	2269	1784	2115	1804	1962	1818
AVERAGES		68.1	58.5	65.8	58.7	62.8	58.7	61.1	58.5	80.2	56.3	73.2	57.5	68.2	58.2	63.3	58.6

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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	62	1	24		0
2	63	3	22		0
3	64	19	6		0
4	65	23	2		0
5	66	22	3		0
6	67	8	17		0
7	68	9	16		0
8	69	15	10		0
9	70	15	10		0
10	71	16	9		0
11	72	10	15		0
12	73	0	27		2
13	74	0	29		4
14	75	0	33		8
15	76	2	23		0
16	77	0	27		2
17	78	0	35		10
18	79	5	20		0
19	80	18	7		0
20	81	9	16		0
21	82	4	21		0
22	83	0	28		3
23	84	0	29		4
24	85	0	34		9
25	86	0	38		13
26	87	0	30		5
27	88	0	36		11
28	89	0	33		8
29	90	0	28		3
30	91	0	33		8
31	92	0	37		12
SUMS FOR MONTH		179	698		102
6235	ACCUMULATED	HEATING	DEGREE	DAYS	SINCE JULY 1
1050	ACCUMULATED	GROWING	DEGREE	DAYS	SINCE JAN. 1
111	ACCUMULATED	COOLING	DEGREE	DAYS	SINCE APR. 1