

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 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	32	46	29	37	100	26	63	84	486	101	0	0	0	0
2	33	44	32	38	100	66	83	38	166	154	10	0	0	0
3	34	40	28	34	100	62	81	35	294	188	0	0	0	0
4	35	48	30	39	100	32	66	81	532	75	0	0	0	0
5	36	67	38	52	66	22	44	217	476	110	T	0	0	0
6	37	65	47	56	100	54	77	104	187	158	T	0	0	0
7	38	74	57	65	100	48	74	166	295	151	T	0	0	0
8	39	83	57	70	84	34	59	300	486	109	0	0	0	0
9	40	79	60	69	100	48	74	190	284	182	38	0	0	0
10	41	74	48	61	100	54	77	124	203	166	16	0	0	0
11	42	50	31	40	100	46	73	66	177	123	1	0	0	0
12	43	44	29	36	100	32	66	72	583	67	0	0	0	0
13	44	45	31	38	86	28	57	98	546	101	0	0	0	0
14	45	53	32	42	100	38	69	86	159	139	3	0	0	0
15	46	58	37	47	100	42	71	97	443	200	20	0	0	0
16	47	56	42	49	100	42	71	100	162	117	18	0	0	0
17	48	60	38	49	100	30	65	126	546	109	0	0	0	0
18	49	52	39	45	100	50	75	78	283	209	0	0	0	0
19	50	52	36	44	100	54	77	66	261	236	0	0	0	0
20	51	57	39	48	100	48	74	87	323	214	12	0	0	0
21	52	42	38	40	100	98	99	3	49	46	46	0	0	0
22	53	41	32	36	100	98	99	2	64	60	188	15	0	0
23	54	43	33	38	100	48	74	59	233	186	16	0	0	0
24	55	62	41	51	98	22	60	155	537	154	0	0	0	0
25	56	57	43	50	100	52	76	86	258	203	T	0	123	74
26	57	64	41	52	98	28	63	143	610	89	0	0	44	134
27	58	72	47	59	100	48	74	134	403	211	T	0	52	180
28	59	73	47	60	90	52	71	150	568	157	0	0	33	279
29	60	68	51	59	96	54	75	129	267	220	0	0	104	254
30	61	67	51	59	100	62	81	95	324	204	6	0	187	72
SUMS		1736	1204	1463	2918	1418	2168	3171	10205	4439	374	15	543	993
AVERAGE		57.9	40.1	48.8	97.3	47.3	72.3	0.106	340.2	148.0	0.12	0.0	18.1	0.033

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APRIL

1991

		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	45	35	43	36	41	37	41	39	47	32	44	34	42	36	41	37
2	33	44	37	43	38	42	40	42	40	46	35	44	36	42	38	42	40
3	34	43	36	42	37	41	38	42	39	46	34	44	34	42	37	41	38
4	35	50	36	47	37	44	38	43	39	55	34	50	36	46	37	43	38
5	36	52	38	49	40	46	40	45	41	60	34	53	37	49	39	46	40
6	37	51	46	49	45	47	44	46	44	56	46	52	46	49	45	47	44
7	38	55	47	53	46	50	46	49	46	62	48	56	47	52	46	50	46
8	39	61	52	58	51	54	49	52	49	72	53	65	52	59	51	54	49
9	40	62	53	59	53	55	52	54	51	70	56	64	54	59	53	55	52
10	41	61	55	59	55	56	54	54	53	66	52	62	54	59	54	56	54
11	42	55	44	55	46	54	47	54	48	54	37	54	40	54	43	54	46
12	43	50	42	50	43	49	45	49	46	52	36	50	39	49	41	48	44
13	44	53	42	51	43	49	44	48	46	58	36	53	39	50	41	48	44
14	45	48	43	48	44	46	44	47	45	50	38	48	41	47	42	46	44
15	46	52	43	50	44	48	44	47	45	58	41	53	41	50	42	48	44
16	47	49	46	48	46	48	46	48	46	51	44	49	45	48	46	48	46
17	48	54	45	52	46	50	46	49	47	58	42	54	43	52	45	49	46
18	49	53	46	51	46	50	47	49	47	57	44	53	44	50	45	49	46
19	50	52	45	51	46	49	46	48	47	54	40	52	43	50	45	49	46
20	51	52	46	51	46	49	46	48	47	56	43	53	44	50	45	49	46
21	52	46	45	47	45	47	45	48	46	45	43	46	44	46	44	47	45
22	53	45	40	45	41	46	42	46	44	44	35	44	38	45	40	46	42
23	54	44	40	44	41	44	41	45	42	45	35	44	38	44	39	44	41
24	55	52	41	50	42	48	42	47	43	60	41	55	40	51	41	48	42
25	56	51	46	50	46	49	46	48	46	55	44	52	45	51	45	48	46
26	57	60	47	57	47	52	47	51	47	71	44	64	46	58	46	52	46
27	58	58	50	56	50	53	49	52	49	66	49	60	48	56	48	53	49
28	59	64	52	61	52	56	52	55	51	74	50	68	52	62	52	56	51
29	60	59	54	57	54	55	53	54	53	64	51	60	52	57	53	55	53
30	61	59	54	57	54	55	53	54	53	66	52	61	52	58	53	55	53
SUMS		1580	1346	1533	1360	1473	1363	1455	1379	1718	1269	1607	1304	1527	1332	1467	1358
AVERAGES		52.7	44.9	51.1	45.3	49.1	45.4	48.5	46.0	57.3	42.3	53.6	43.5	50.9	44.4	48.9	45.3

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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	28	0		0
2	33	27	0		0
3	34	31	0		0
4	35	26	0		0
5	36	13	12		0
6	37	9	16		0
7	38	0	25		0
8	39	0	30		5
9	40	0	29		4
10	41	4	21		0
11	42	25	0		0
12	43	29	0		0
13	44	27	0		0
14	45	23	2		0
15	46	18	7		0
16	47	16	9		0
17	48	16	9		0
18	49	20	5		0
19	50	21	4		0
20	51	17	8		0
21	52	25	0		0
22	53	29	0		0
23	54	27	0		0
24	55	14	11		0
25	56	15	10		0
26	57	13	12		0
27	58	6	19		0
28	59	5	20		0
29	60	6	19		0
30	61	6	19		0
SUMS FOR MONTH		496	287		9
6056	ACCUMULATED HEATING DEGREE DAYS SINCE JULY 1				
352	ACCUMULATED GROWING DEGREE DAYS SINCE JAN. 1				
9	ACCUMULATED COOLING DEGREE DAYS SINCE APR. 1				