

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 DECEMBER 1990

MO.	CL.	AIR TEMP.F			REL.HUM.PCT			VPD	SOLAR RAD		PPT	SNOW	MI.WIND	PAN
DAY	DAY	MAX	MIN	AVG	MAX	MIN	AVG	THOU	GM CAL/CM2	HUND	TNTH	1.5 FT	THOU IN	
								IN/HG	TOTAL	DIFF	INS	INS	EVAP	
1	276	42	29	35	72	44	58	89	183	32	0	0	0	
2	277	51	36	43	78	26	52	138	147	66	0	0	0	
3	278	42	27	34	88	54	71	56	99	69	0	0	0	
4	279	48	27	37	100	82	91	20	18	17	73	40	0	
5	280	40	20	30	100	38	69	50	65	52	T	10	0	
6	281	33	19	26	96	52	74	35	96	89	T	0	0	
7	282	37	29	33	86	64	75	47	32	31	0	0	0	
8	283	40	28	34	88	42	65	68	148	72	0	0	0	
9	284	39	32	35	96	64	80	42	48	46	0	0	0	
10	285	49	32	40	80	38	59	102	149	55	0	0	0	
11	286	44	20	32	76	36	56	79	152	68	0	0	0	
12	287	31	22	26	100	50	75	34	64	62	T	T	0	
13	288	54	28	41	100	46	73	70	145	49	7	0	0	
14	289	45	18	31	100	42	71	52	107	56	T	T	0	
15	290	31	14	22	100	50	75	28	179	68	0	0	0	
16	291	40	29	34	100	94	97	6	15	14	25	0	0	
17	292	34	31	32	100	74	87	24	14	14	4	0	0	
18	293	41	31	36	100	66	83	36	101	64	15	0	0	
19	294	47	37	42	100	82	91	24	19	19	48	0	0	
20	295	40	20	30	100	80	90	16	71	60	T	0	0	
21	296	42	21	31	100	83	91	14	149	69	0	0	0	
22	297	52	40	46	100	90	95	16	16	16	29	0	0	
23	298	60	37	48	100	76	88	40	41	41	29	0	0	
24	299	38	25	31	100	98	99	2	18	18	55	15	0	
25	300	26	8	17	98	54	76	21	91	61	2	3	0	
26	301	26	10	18	86	48	67	31	134	45	T	0	0	
27	302	18	6	12	68	40	54	32	172	44	0	0	0	
28	303	23	10	16	100	54	77	20	102	101	12	20	0	
29	304	39	23	31	98	72	85	26	72	72	T	T	0	
30	305	54	38	46	100	90	95	16	74	71	13	0	0	
31	306	53	17	35	100	86	93	14	19	19	75	10	0	
SUMS		1259	764	1004	2910	1915	2412	1248	2740	1560	387	98	0	
AVERAGE		40.6	24.6	32.4	93.9	61.8	77.8	0.040	88.4	50.3	0.12	0.3	0.0	

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 DECEMBER 1990

		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	276	41	36	41	37	42	39	43	41	41	33	40	35	40	37	41	39
2	277	41	36	41	37	41	39	42	41	42	33	41	35	41	37	42	39
3	278	42	36	42	37	42	39	42	40	42	33	42	35	42	37	42	39
4	279	38	36	38	37	39	38	40	39	34	33	35	34	37	36	39	38
5	280	39	33	39	34	39	37	40	38	36	32	37	33	38	35	39	38
6	281	34	33	36	34	37	36	39	37	34	32	35	33	36	34	38	36
7	282	35	33	36	34	37	36	38	37	34	32	35	33	36	34	38	36
8	283	38	33	38	34	38	36	38	36	34	32	35	33	36	34	38	36
9	284	36	34	37	34	37	35	39	37	34	32	35	33	36	34	38	36
10	285	39	35	39	35	39	36	40	38	42	33	40	34	39	34	40	36
11	286	40	33	39	34	40	36	40	38	42	31	40	33	40	34	40	37
12	287	34	33	35	34	37	35	39	36	33	31	34	32	35	33	38	35
13	288	40	33	38	34	39	35	40	37	42	32	40	32	38	34	39	36
14	289	40	34	40	34	40	36	41	38	42	33	42	34	40	35	40	37
15	290	36	32	36	33	37	35	39	36	35	31	35	32	36	34	38	35
16	291	35	33	35	33	36	34	37	36	34	31	35	32	36	34	37	35
17	292	35	34	36	34	36	35	38	37	34	32	35	33	36	34	37	35
18	293	37	34	38	35	37	36	38	37	38	34	37	34	38	34	38	36
19	294	40	36	40	37	40	37	40	38	42	36	41	36	41	37	40	37
20	295	40	34	39	34	40	37	40	38	40	33	40	34	39	35	40	37
21	296	36	34	36	34	37	36	39	36	36	33	36	33	36	34	38	36
22	297	43	36	42	36	41	36	42	37	46	36	44	36	43	35	42	36
23	298	47	43	46	42	45	41	46	41	51	43	49	44	48	43	46	42
24	299	44	38	45	39	45	39	44	40	43	34	45	36	46	38	46	39
25	300	39	36	40	37	40	38	41	39	35	33	37	34	39	36	40	37
26	301	38	36	38	36	39	37	40	38	35	33	37	34	38	35	39	37
27	302	37	32	37	34	39	35	40	37	34	32	36	33	37	35	39	36
28	303	34	32	35	34	37	35	38	36	34	32	34	33	36	34	38	36
29	304	35	33	36	33	37	35	38	36	34	32	35	34	36	34	37	35
30	305	42	35	41	35	40	36	40	36	45	32	43	34	42	35	40	36
31	306	43	37	43	37	41	38	41	39	46	35	44	35	43	36	42	38
SUMS		1198	1073	1202	1092	1214	1133	1242	1170	1194	1024	1194	1056	1204	1091	1229	1141
AVERAGES		38.6	34.6	38.8	35.2	39.2	36.5	40.1	37.7	38.5	33.0	38.5	34.1	38.8	35.2	39.6	36.8

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 DECEMBER 1990

MO. DAY	CL. DAY	WIND SPEED (MPH)		WIND DIRECTION (DEGREES)		WIND CONSTANCY INDEX	SINGER STEADINESS INDEX
		MEAN SCALAR	MEAN VECTOR	VECTOR	MEAN RANGE		
1	276	9.05	7.64	180	64	0.844	0.640
2	277	7.47	6.42	180	61	0.859	0.658
3	278	7.01	6.18	310	56	0.881	0.687
4	279	15.77	11.02	130	91	0.699	0.493
5	280	14.52	13.50	270	43	0.929	0.759
6	281	9.67	8.60	280	54	0.889	0.698
7	282	5.50	5.30	260	30	0.964	0.829
8	283	5.78	5.68	260	21	0.983	0.881
9	284	6.04	5.92	260	22	0.981	0.875
10	285	8.59	8.44	260	21	0.982	0.879
11	286	12.98	12.70	310	23	0.978	0.867
12	287	5.24	4.37	270	67	0.833	0.627
13	288	9.79	9.19	270	40	0.939	0.776
14	289	14.12	13.31	300	38	0.943	0.784
15	290	12.10	8.77	240	87	0.725	0.516
16	291	8.94	5.69	240	100	0.637	0.440
17	292	8.56	8.39	300	23	0.979	0.871
18	293	10.97	8.60	120	76	0.784	0.574
19	294	8.87	5.96	240	95	0.671	0.469
20	295	6.88	6.47	310	39	0.940	0.779
21	296	14.99	13.73	130	47	0.917	0.738
22	297	14.76	14.33	230	27	0.971	0.847
23	298	10.83	6.84	230	101	0.632	0.436
24	299	8.16	7.94	300	26	0.973	0.851
25	300	8.59	8.13	270	37	0.947	0.791
26	301	10.38	8.61	270	67	0.829	0.623
27	302	7.36	7.16	280	26	0.973	0.852
28	303	9.98	6.11	100	104	0.612	0.419
29	304	14.60	14.29	100	23	0.979	0.868
30	305	11.74	11.80	180	11	1.005	0.934
31	306	10.04	8.98	310	53	0.894	0.705

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 DECEMBER 1990

MO. DAY	CL. DAY	HEATING DEGREES BASE 65F	GROWING DEGREES BASE 40F	MEAN (SCALAR) WIND CHILL INDEX	COOLING DEGREES BASE 65F
1	276	30	0		0
2	277	22	3		0
3	278	31	0		0
4	279	28	0		0
5	280	35	0	11	0
6	281	39	0	11	0
7	282	32	0		0
8	283	31	0		0
9	284	30	0		0
10	285	25	0		0
11	286	33	0		0
12	287	39	0	21	0
13	288	24	1		0
14	289	34	0		0
15	290	43	0	1	0
16	291	31	0		0
17	292	33	0		0
18	293	29	0		0
19	294	23	2		0
20	295	35	0	22	0
21	296	34	0		0
22	297	19	6		0
23	298	17	8		0
24	299	34	0		0
25	300	48	0	3	0
26	301	47	0	0	0
27	302	53	0	1	0
28	303	49	0	-1	0
29	304	34	0		0
30	305	19	6		0
31	306	30	0		0
SUMS FOR MONTH		1011	26		0
2345	ACCUMULATED	HEATING DEGREE	DAYS SINCE JULY 1		
4572	ACCUMULATED	GROWING DEGREE	DAYS SINCE JAN. 1		
457	ACCUMULATED	COOLING DEGREE	DAYS SINCE APR. 1		