

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 1996

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD	Solar Rad		PPT	Snow	Mi. Wind	Pan
		Max	Min	Avg	Max	Min	Avg	Thou In/Hg	Gm Cal/Cm2 Total	Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	276	41	31	36	100	88	94	3	61	55	22	0	0	0
2	277	57	36	46	100	90	95	2	20	20	44	0	0	0
3	278	36	30	33	100	74	87	7	57	56	T	T	0	0
4	279	44	31	37	100	71	85	17	135	124	3	0	0	0
5	280	43	30	36	100	100	100	0	16	16	2	0	0	0
6	281	38	30	34	100	83	91	7	62	60	3	0	0	0
7	282	38	34	36	100	89	94	1	21	21	0	0	0	0
8	283	39	32	35	100	87	93	7	30	30	0	0	0	0
9	284	40	28	34	100	73	86	8	110	104	0	0	0	0
10	285	35	28	31	100	91	95	3	84	81	0	0	0	0
11	286	37	31	34	100	76	88	16	72	71	0	0	0	0
12	287	38	32	35	100	90	95	2	29	28	7	0	0	0
13	288	46	35	40	100	100	100	0	26	25	28	0	0	0
14	289	42	34	38	100	100	100	0	18	18	60	0	0	0
15	290	36	34	35	100	92	96	2	36	36	0	0	0	0
16	291	40	33	36	100	99	99	0	37	37	0	0	0	0
17	292	44	39	41	100	93	96	2	44	44	2	0	0	0
18	293	52	37	44	100	76	88	10	60	58	0	0	0	0
19	294	42	25	33	100	79	89	3	48	47	3	10	0	0
20	295	27	14	20	100	82	91	7	78	76	T	T	0	0
21	296	23	12	17	99	69	84	13	154	146	0	0	0	0
22	297	29	13	21	94	69	81	28	152	144	0	0	0	0
23	298	32	13	22	100	77	88	3	50	49	T	T	0	0
24	299	45	31	38	100	90	95	2	41	40	8	0	0	0
25	300	52	20	36	100	77	88	15	48	46	3	0	0	0
26	301	26	17	21	100	72	86	14	91	87	T	T	0	0
27	302	31	18	24	100	78	89	18	60	59	T	T	0	0
28	303	40	29	34	100	92	96	2	42	42	0	0	0	0
29	304	48	39	43	100	98	99	0	39	38	1	0	0	0
30	305	48	28	38	100	94	97	1	14	13	1	0	0	0
31	306	29	15	22	100	65	82	15	50	50	5	6	0	0
Sums		1218	859	1030	3093	2614	2847	208	1785	1721	192	16	0	0
Average		39.3	27.7	33.2	99.8	84.3	91.8	.007	57.6	55.5	.06	.1	.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	276	42	32	42	32	41	34	44	35	46	32	45	32	46	34	47	34
2	277	51	36	49	35	47	36	50	36	56	36	55	35	54	35	54	36
3	278	47	34	46	34	47	37	51	38	52	34	52	35	52	36	54	36
4	279	49	33	47	34	45	36	48	37	54	33	52	34	51	36	53	36
5	280	44	33	44	34	44	37	49	38	50	33	50	35	50	36	52	37
6	281	43	33	43	34	44	36	47	37	47	33	47	35	48	36	51	36
7	282	44	33	43	34	44	36	48	37	48	33	49	34	50	36	51	36
8	283	44	33	43	34	44	36	48	37	47	33	48	34	48	36	50	36
9	284	45	32	44	33	44	36	48	37	49	32	49	34	49	35	49	36
10	285	41	32	40	32	43	35	47	36	48	32	47	33	48	34	48	35
11	286	39	31	39	32	41	34	44	35	44	32	44	32	45	34	46	35
12	287	43	32	43	32	44	35	46	36	48	32	48	33	48	34	47	35
13	288	46	35	45	35	46	36	47	36	51	35	51	35	50	36	49	36
14	289	47	36	46	36	47	39	51	39	51	36	51	37	51	38	51	39
15	290	45	35	44	35	45	37	50	38	50	35	49	35	50	36	50	37
16	291	44	34	43	34	44	37	48	37	48	34	48	35	48	36	48	37
17	292	45	35	44	35	45	37	50	37	50	36	50	36	51	36	50	37
18	293	49	36	47	37	47	39	51	39	54	37	54	38	53	39	52	39
19	294	46	32	45	34	46	36	50	38	51	32	51	34	51	36	50	38
20	295	41	32	42	33	43	35	50	36	49	32	50	32	50	35	50	36
21	296	40	31	39	31	42	34	46	35	47	29	48	31	48	33	48	34
22	297	37	31	38	31	39	33	42	34	41	28	42	30	43	32	45	33
23	298	39	31	38	31	40	33	41	34	42	30	42	30	44	32	45	33
24	299	42	31	40	31	41	32	42	34	46	30	44	31	45	32	45	33
25	300	48	31	47	32	46	35	48	36	52	32	52	33	52	35	52	35
26	301	40	30	39	30	42	33	46	34	48	31	47	32	48	33	48	34
27	302	38	29	37	30	39	32	42	33	43	30	44	30	44	32	44	33
28	303	40	29	39	30	41	32	43	33	45	30	45	31	46	32	46	33
29	304	45	31	44	31	42	33	44	34	50	31	50	31	48	33	47	33
30	305	46	33	45	33	45	36	47	37	52	34	51	34	51	36	50	37
31	306	41	31	41	32	42	34	43	35	46	32	47	32	48	34	47	35
Sums		1351	1007	1326	1021	1350	1091	1451	1118	1505	1009	1502	1033	1510	1078	1519	1100
Averages		43.6	32.5	42.8	32.9	43.5	35.2	46.8	36.1	48.5	32.5	48.5	33.3	48.7	34.8	49.0	35.5

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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	276	29	0		0
2	277	19	6		0
3	278	32	0		0
4	279	28	0		0
5	280	29	0		0
6	281	31	0		0
7	282	29	0		0
8	283	30	0		0
9	284	31	0		0
10	285	34	0		0
11	286	31	0		0
12	287	30	0		0
13	288	25	0		0
14	289	27	0		0
15	290	30	0		0
16	291	29	0		0
17	292	24	1		0
18	293	21	4		0
19	294	32	0		0
20	295	45	0		0
21	296	48	0		0
22	297	44	0		0
23	298	43	0		0
24	299	27	0		0
25	300	29	0		0
26	301	44	0		0
27	302	41	0		0
28	303	31	0		0
29	304	22	3		0
30	305	27	0		0
31	306	43	0		0
Sums for month		985	14		0

2563 Accumulated heating degree days since July 1
 14 Accumulated growing degree days since Jan. 1
 432 Accumulated cooling degree days since Apr. 1