

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 1997

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 In/Hg	Gm Cal/Cm2 Total Diff	Hund Ins	Tnth Ins	1.5 Ft	Thou In Evap	
1	276	45	28	36	100	100	100	0	16	16	15	5	0	0
2	277	32	24	28	100	69	84	17	139	79	T	0	0	0
3	278	34	24	29	100	71	85	11	153	49	0	0	0	0
4	279	40	24	32	100	81	90	13	108	71	13	0	0	0
5	280	44	32	38	100	94	97	1	32	31	10	8	0	0
6	281	37	28	32	100	84	92	8	84	65	0	0	0	0
7	282	33	28	30	100	84	92	5	114	82	5	5	0	0
8	283	35	30	32	100	97	98	0	79	77	T	0	0	0
9	284	35	28	31	100	86	93	2	48	45	0	0	0	0
10	285	34	24	29	100	89	94	3	113	97	0	0	0	0
11	286	29	25	27	100	100	100	0	20	19	41	60	0	0
12	287	30	27	28	100	100	100	0	47	46	2	0	0	0
13	288	30	26	28	100	88	94	4	66	64	T	T	0	0
14	289	33	29	31	100	87	93	6	50	49	0	0	0	0
15	290	32	12	22	100	45	72	0	156	46	T	T	0	0
16	291	50	22	36	100	0	50	0	164	30	0	0	0	0
17	292	55	32	43	0	0	0	0	160	41	0	0	0	0
18	293	42	27	34	0	0	0	0	139	51	0	0	0	0
19	294	43	28	35	100	56	78	0	136	66	0	0	0	0
20	295	45	33	39	100	68	84	0	120	58	1	0	0	0
21	296	37	20	28	100	62	81	0	63	59	10	0	0	0
22	297	28	12	20	100	38	69	0	144	75	0	0	0	0
23	298	35	17	26	98	82	90	0	74	64	54	0	0	0
24	299	37	31	34	98	60	79	0	33	32	3	0	0	0
25	300	37	31	34	100	70	85	0	104	86	28	0	0	0
26	301	44	35	39	94	56	75	0	32	32	1	0	0	0
27	302	38	31	34	94	58	76	0	36	36	0	0	0	0
28	303	37	24	30	100	72	86	0	94	62	5	0	0	0
29	304	30	19	24	100	88	94	0	143	0	0	0	0	0
30	305	36	29	32	100	62	81	0	127	87	24	24	0	0
31	306	30	11	20	80	50	65	0	76	74	6	0	0	0
Sums		1147	791	961	2864	2097	2477	70	2870	1689	218	102	0	0
Average		37.0	25.5	31.0	92.4	67.6	79.9	.002	92.6	54.5	.07	.3	.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	48	34	48	35	48	37	48	38	53	34	53	36	54	37	54	37
2	277	45	33	52	34	46	36	47	37	51	32	52	34	53	35	53	37
3	278	43	31	43	32	48	34	44	35	50	31	51	32	52	34	52	35
4	279	43	31	42	32	42	34	42	35	46	31	46	32	46	33	47	34
5	280	45	34	45	35	45	36	44	36	50	34	50	35	50	36	49	36
6	281	47	32	46	33	46	35	46	36	51	33	50	33	50	34	50	36
7	282	42	32	42	33	43	35	44	36	48	33	48	33	49	35	49	35
8	283	43	33	43	34	45	35	45	36	50	33	49	34	50	35	50	36
9	284	42	33	42	33	43	35	42	36	48	33	48	33	49	35	50	35
10	285	42	32	41	33	42	35	42	36	47	32	47	33	47	34	48	35
11	286	41	32	40	33	40	34	41	35	46	32	46	33	47	34	48	35
12	287	41	32	41	33	42	34	42	35	46	33	46	33	47	34	48	35
13	288	41	32	41	32	43	34	43	35	47	32	48	33	48	34	48	35
14	289	42	33	42	33	43	35	43	35	50	33	49	33	50	34	50	35
15	290	44	32	44	32	45	34	44	34	50	32	51	33	51	34	52	34
16	291	43	32	42	33	43	34	43	35	48	32	48	33	48	34	48	35
17	292	43	31	43	31	44	34	43	34	48	31	47	31	49	34	49	33
18	293	42	33	42	33	43	35	43	35	49	33	49	33	50	34	50	35
19	294	42	32	41	32	44	34	42	35	46	33	46	33	47	34	47	35
20	295	43	33	43	34	44	35	44	35	49	32	50	33	50	34	50	35
21	296	43	32	42	33	42	34	42	35	48	32	48	33	49	34	49	35
22	297	40	31	40	32	42	34	41	34	47	32	47	32	48	34	48	34
23	298	38	31	38	31	40	33	40	34	43	31	44	32	45	33	46	34
24	299	36	31	36	32	38	33	37	34	43	32	44	32	44	33	44	34
25	300	35	31	35	31	36	33	37	34	42	32	42	32	43	33	44	33
26	301	40	32	38	32	38	34	38	34	48	33	45	34	45	34	44	34
27	302	39	32	38	33	38	35	39	35	45	32	45	34	45	35	44	36
28	303	39	33	39	32	38	34	38	35	46	33	45	33	45	35	44	35
29	304	36	31	36	31	37	34	38	34	42	31	42	32	44	33	43	34
30	305	34	31	35	31	37	34	38	34	40	31	41	32	48	34	42	34
31	306	34	32	35	32	36	33	37	34	43	32	42	33	44	34	44	35
Sums		1276	994	1275	1010	1301	1066	1297	1086	1460	1000	1459	1022	1487	1060	1484	1081
Averages		41.2	32.1	41.1	32.6	42.0	34.4	41.8	35.0	47.1	32.3	47.1	33.0	48.0	34.2	47.9	34.9

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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	37	0		0
3	278	36	0		0
4	279	33	0		0
5	280	27	0		0
6	281	33	0		0
7	282	35	0		0
8	283	33	0		0
9	284	34	0		0
10	285	36	0		0
11	286	38	0		0
12	287	37	0		0
13	288	37	0		0
14	289	34	0		0
15	290	43	0		0
16	291	29	0		0
17	292	22	3		0
18	293	31	0		0
19	294	30	0		0
20	295	26	0		0
21	296	37	0		0
22	297	45	0		0
23	298	39	0		0
24	299	31	0		0
25	300	31	0		0
26	301	26	0		0
27	302	31	0		0
28	303	35	0		0
29	304	41	0		0
30	305	33	0		0
31	306	45	0		0
Sums for month		1054	3		0

2653 Accumulated heating degree days since July 1  
 4006 Accumulated growing degree days since Jan. 1  
 357 Accumulated cooling degree days since Apr. 1