

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 1998

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	Hund Diff	Ins	Tnth Ins	1.5 Ft	Thou In Evap
1	276	67	43	55	88	39	63	223	106	94	3	0	0	0
2	277	54	35	44	77	21	49	117	148	66	0	0	0	0
3	278	64	35	49	64	19	41	257	157	51	0	0	0	0
4	279	60	44	52	90	52	71	151	76	71	0	0	0	0
5	280	62	35	48	94	51	72	104	140	61	1	0	0	0
6	281	56	38	47	96	82	89	42	88	63	2	0	0	0
7	282	70	38	54	86	57	71	187	99	62	T	0	0	0
8	283	48	28	38	96	67	81	40	49	48	0	0	0	0
9	284	39	31	35	96	80	88	19	14	13	3	0	0	0
10	285	45	31	38	86	50	68	61	165	36	0	0	0	0
11	286	48	34	41	77	46	61	92	155	35	0	0	0	0
12	287	41	27	34	88	51	69	53	122	93	0	0	0	0
13	288	52	27	39	79	16	47	143	158	31	0	0	0	0
14	289	46	25	35	88	54	71	62	141	42	0	0	0	0
15	290	37	24	30	82	52	67	45	111	66	0	0	0	0
16	291	56	28	42	67	24	45	176	160	20	0	0	0	0
17	292	43	32	37	97	64	80	36	55	52	15	0	0	0
18	293	33	24	28	97	82	89	16	42	41	6	20	0	0
19	294	36	24	30	94	52	73	47	151	52	0	0	0	0
20	295	47	32	39	92	51	71	71	38	37	0	0	0	0
21	296	43	30	36	97	79	88	22	60	59	5	0	0	0
22	297	51	28	39	93	72	82	42	35	38	40	0	0	0
23	298	29	10	19	91	39	65	35	66	97	T	10	0	0
24	299	23	11	17	75	52	63	35	93	125	0	0	0	0
25	300	27	11	19	87	43	65	45	55	140	0	0	0	0
26	301	30	13	21	85	45	65	54	74	103	0	0	0	0
27	302	37	17	27	85	27	56	56	56	128	0	0	0	0
28	303	36	19	27	85	49	67	68	64	73	0	0	0	0
29	304	39	22	30	94	56	75	35	64	72	0	0	0	0
30	305	35	9	22	96	71	83	21	42	43	5	0	0	0
31	306	16	8	12	83	58	70	23	78	138	T	0	0	0
Sums		1370	813	1084	2705	1601	2145	2378	2862	2050	80	30	0	0
Average		44.2	26.2	35.0	87.3	51.6	69.2	.077	92.3	66.1	.03	.1	.0	.000

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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	276	53	42	52	44	51	44	50	43	55	42	52	43	52	44	52	44
2	277	48	36	48	37	50	40	50	41	50	33	50	36	50	38	50	40
3	278	50	39	48	40	47	41	48	42	52	36	50	38	48	40	50	41
4	279	51	40	50	41	50	42	49	43	52	40	51	40	51	41	50	42
5	280	54	40	53	41	52	43	50	44	56	38	55	40	52	42	50	43
6	281	50	41	50	41	49	42	50	43	52	39	50	40	49	42	49	42
7	282	56	45	55	44	53	45	53	45	58	46	56	44	55	45	54	44
8	283	54	37	54	39	52	43	53	43	53	35	54	37	55	40	52	42
9	284	45	34	46	36	47	39	49	40	45	30	45	34	46	37	47	39
10	285	44	32	44	33	45	37	46	38	49	29	47	32	46	34	47	37
11	286	44	32	44	34	44	37	45	38	48	30	45	32	45	35	47	37
12	287	42	30	42	32	43	35	44	37	45	28	42	30	44	33	47	35
13	288	42	29	42	31	42	34	42	36	45	27	44	29	42	33	43	34
14	289	42	30	41	31	41	34	42	35	44	28	45	30	43	32	45	34
15	290	40	28	40	29	41	32	42	34	42	25	42	28	42	30	42	32
16	291	41	30	40	30	40	34	41	35	45	27	46	29	44	31	44	34
17	292	42	34	41	35	42	36	42	36	46	32	43	34	43	35	44	36
18	293	39	29	40	30	41	33	43	34	42	29	40	30	41	32	42	34
19	294	37	29	38	30	39	31	40	32	41	27	38	28	40	30	43	30
20	295	40	32	41	32	40	34	41	34	47	30	44	31	43	32	43	33
21	296	40	32	39	32	42	34	42	34	41	30	41	31	42	32	41	33
22	297	38	36	46	35	44	34	45	35	47	33	47	34	46	34	45	34
23	298	37	26	39	27	41	30	43	32	39	24	42	26	42	29	44	31
24	299	33	25	34	26	37	29	39	30	35	22	34	25	36	28	38	29
25	300	32	24	34	25	36	28	37	30	39	20	36	24	40	26	41	28
26	301	33	22	33	24	36	27	37	29	37	18	35	23	36	25	37	27
27	302	32	22	33	23	36	26	38	28	37	19	37	23	39	25	39	27
28	303	32	23	33	24	35	27	36	29	33	20	33	23	35	26	35	27
29	304	32	24	33	24	35	27	36	28	41	22	38	23	38	26	40	28
30	305	33	25	33	25	36	28	37	29	39	23	42	24	39	27	39	27
31	306	32	21	33	23	35	26	37	27	35	21	36	22	40	25	38	25
Sums		1288	969	1299	998	1322	1072	1347	1104	1390	903	1360	963	1364	1029	1378	1069
Averages		41.5	31.3	41.9	32.2	42.6	34.6	43.5	35.6	44.8	29.1	43.9	31.1	44.0	33.2	44.5	34.5

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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	10	15		0
2	277	21	4		0
3	278	16	9		0
4	279	13	12		0
5	280	17	8		0
6	281	18	7		0
7	282	11	14		0
8	283	27	0		0
9	284	30	0		0
10	285	27	0		0
11	286	24	1		0
12	287	31	0		0
13	288	26	0		0
14	289	30	0		0
15	290	35	0		0
16	291	23	2		0
17	292	28	0		0
18	293	37	0		0
19	294	35	0		0
20	295	26	0		0
21	296	29	0		0
22	297	26	0		0
23	298	46	0		0
24	299	48	0		0
25	300	46	0		0
26	301	44	0		0
27	302	38	0		0
28	303	38	0		0
29	304	35	0		0
30	305	43	0		0
31	306	53	0		0
Sums for month		931	72		0

2247 Accumulated heating degree days since July 1  
 4856 Accumulated growing degree days since Jan. 1  
 537 Accumulated cooling degree days since Apr. 1