

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

February 1999

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	338	26	3	14	89	39	64	49	249	51	0	0	0	0
2	339	39	17	28	95	40	67	61	184	114	8	0	0	0
3	340	42	33	37	95	72	83	31	75	72	T	0	0	0
4	341	49	33	41	72	27	49	120	235	30	0	0	0	0
5	342	48	23	35	84	61	72	62	79	74	T	0	0	0
6	343	33	23	28	87	54	70	44	155	91	0	0	0	0
7	344	41	23	32	88	61	74	46	22	22	0	0	0	0
8	345	34	21	27	96	69	82	17	50	49	18	28	0	0
9	346	32	17	24	95	60	77	23	212	122	0	0	0	0
10	347	50	31	40	82	26	54	101	226	84	T	T	0	0
11	348	42	27	34	91	50	70	47	256	54	0	0	0	0
12	349	57	30	43	79	36	57	157	229	83	0	0	0	0
13	350	55	20	37	96	56	76	33	24	23	2	25	0	0
14	351	25	9	17	91	43	67	26	208	105	3	15	0	0
15	352	27	12	19	82	44	63	35	284	89	0	0	0	0
16	353	42	20	31	83	40	61	68	284	48	0	0	0	0
17	354	55	33	44	67	29	48	154	266	81	T	0	0	0
18	355	46	27	36	84	57	70	59	54	53	T	0	0	0
19	356	34	24	29	92	64	78	34	70	69	T	T	0	0
20	357	29	20	24	91	61	76	24	150	126	1	5	0	0
21	358	28	16	22	93	64	78	26	209	144	1	10	0	0
22	359	22	9	15	81	48	64	36	186	158	T	T	0	0
23	360	16	3	9	81	45	63	25	268	130	0	0	0	0
24	361	22	4	13	78	29	53	49	265	120	0	0	0	0
25	362	35	18	26	68	34	51	71	283	114	0	0	0	0
26	363	37	22	29	79	35	57	71	250	176	0	0	0	0
27	364	38	24	31	86	28	57	72	334	49	0	0	0	0
28	365	44	29	36	82	43	62	83	294	104	0	0	0	0
Sums		1048	571	801	2387	1315	1843	1624	5401	2435	33	83	0	0
Average		37.4	20.4	28.6	85.3	47.0	65.8	.058	192.9	87.0	.01	.3	.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	338	34	25	34	25	34	27	35	27	36	25	34	25	35	26	36	26
2	339	34	27	34	27	36	29	37	29	36	27	35	27	35	28	35	27
3	340	35	28	34	28	36	29	36	29	40	28	37	28	42	29	40	28
4	341	34	26	35	26	35	28	36	28	47	28	44	29	41	29	39	29
5	342	34	27	35	28	37	29	36	30	46	28	42	29	45	30	46	30
6	343	35	26	34	26	35	28	36	28	41	26	39	27	41	28	43	27
7	344	34	28	34	28	35	29	36	30	41	28	39	28	40	29	56	21
8	345	35	27	34	27	35	28	35	28	39	28	36	27	38	29	39	23
9	346	36	26	34	26	36	27	38	28	43	26	40	26	42	27	42	27
10	347	36	28	36	29	37	30	38	30	48	28	44	29	45	29	42	30
11	348	39	27	38	27	37	29	37	30	48	27	42	28	45	29	41	29
12	349	42	28	41	28	40	30	41	31	48	29	43	29	41	31	46	29
13	350	44	30	43	30	43	31	41	32	46	29	44	29	44	31	44	31
14	351	36	27	37	27	38	29	40	29	40	27	43	27	40	29	40	28
15	352	36	27	38	27	38	29	38	29	42	27	41	27	47	28	42	28
16	353	36	28	38	28	38	29	38	30	40	28	39	27	43	29	41	29
17	354	36	30	37	30	38	31	38	31	41	29	41	29	41	31	41	30
18	355	40	30	41	31	40	32	40	32	44	30	42	31	42	32	42	33
19	356	37	27	37	27	37	30	38	30	41	27	42	28	40	29	41	30
20	357	36	27	36	28	36	30	39	30	40	28	37	28	40	29	42	30
21	358	34	26	35	26	36	28	38	29	40	27	38	27	39	28	41	26
22	359	34	24	34	24	35	27	36	27	40	24	36	24	36	26	48	19
23	360	34	24	34	24	35	26	36	27	35	21	34	24	36	26	36	24
24	361	33	24	33	24	35	26	36	27	34	21	33	23	35	26	41	25
25	362	33	24	34	25	35	27	36	28	34	21	34	24	36	25	38	22
26	363	33	25	33	26	35	28	35	28	38	24	40	26	38	27	37	27
27	364	33	25	33	26	35	27	35	28	43	25	42	26	41	27	46	21
28	365	33	26	34	26	35	27	35	28	38	26	36	26	37	27	37	27
Sums		996	747	1000	754	1022	800	1040	813	1149	742	1097	758	1125	794	1162	756
Averages		35.6	26.7	35.7	26.9	36.5	28.6	37.1	29.0	41.0	26.5	39.2	27.1	40.2	28.4	41.5	27.0

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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	338	51	0		0
2	339	37	0		0
3	340	28	0		0
4	341	24	1		0
5	342	30	0		0
6	343	37	0		0
7	344	33	0		0
8	345	38	0		0
9	346	41	0		0
10	347	25	0		0
11	348	31	0		0
12	349	22	3		0
13	350	28	0		0
14	351	48	0		0
15	352	46	0		0
16	353	34	0		0
17	354	21	4		0
18	355	29	0		0
19	356	36	0		0
20	357	41	0		0
21	358	43	0		0
22	359	50	0		0
23	360	56	0		0
24	361	52	0		0
25	362	39	0		0
26	363	36	0		0
27	364	34	0		0
28	365	29	0		0
Sums for month		1019	8		0
4595	Accumulated heating degree days since July 1				
15	Accumulated growing degree days since Jan. 1				
537	Accumulated cooling degree days since Apr. 1				