

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 2000

Mo. Day	Cl. Day	Air Temp. F			Rel. Hum. Pct			VPD Thou In/Hg	Solar Rad		PPT Hund Ins	Snow Tnth Ins	Mi.Wind 1.5 Ft	Pan Thou In Evap
		Max	Min	Avg	Max	Min	Avg		Gm Cal/Cm2 Total	Diff				
1	338	29	25	27	90	53	71	53	179	114	0	0	0	0
2	339	28	11	19	92	68	80	22	154	135	4	17	0	0
3	340	19	11	15	86	46	66	33	255	52	T	T	0	0
4	341	26	18	22	94	65	79	16	115	113	T	T	0	0
5	342	27	13	20	93	71	82	20	182	168	0	0	0	0
6	343	31	15	23	95	50	72	41	242	79	T	T	0	0
7	344	32	15	23	82	45	63	62	264	42	0	0	0	0
8	345	33	-1	16	93	45	69	36	191	127	T	T	0	0
9	346	35	-1	17	80	39	59	51	295	41	0	0	0	0
10	347	47	28	37	95	43	69	77	170	119	0	0	0	0
11	348	47	22	34	95	67	81	36	128	116	1	0	0	0
12	349	23	9	16	93	63	78	20	89	86	0	0	0	0
13	350	24	12	18	78	42	60	41	281	69	0	0	0	0
14	351	31	21	26	96	52	74	29	156	140	40	21	0	0
15	352	30	20	25	96	85	90	8	87	86	22	15	0	0
16	353	34	22	28	92	62	77	34	220	100	1	0	0	0
17	354	40	16	28	92	60	76	27	42	42	5	41	0	0
18	355	24	7	15	92	43	67	31	288	134	T	T	0	0
19	356	26	20	23	95	78	86	9	112	110	4	20	0	0
20	357	27	23	25	95	81	88	10	165	163	T	T	0	0
21	358	31	23	27	91	70	80	32	182	177	T	T	0	0
22	359	37	25	31	77	47	62	68	295	152	0	0	0	0
23	360	47	34	40	68	42	55	118	239	182	0	0	0	0
24	361	51	36	43	92	48	70	84	196	161	2	0	0	0
25	362	54	38	46	96	59	77	58	210	146	16	0	0	0
26	363	51	37	44	96	88	92	15	58	58	T	0	0	0
27	364	49	39	44	94	80	87	39	266	140	0	0	0	0
28	365	60	38	49	95	65	80	60	200	100	35	0	0	0
29	366	39	27	33	85	61	73	50	118	99	0	0	0	0
Sums		1032	603	814	2618	1718	2163	1180	5379	3251	130	114	0	0
Average		35.6	20.8	28.1	90.3	59.2	74.6	.041	185.5	112.1	.04	.4	.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	26	34	26	35	27	37	26	39	26	36	26	38	28	38	28
2	339	34	27	34	27	35	28	36	29	42	27	37	28	40	29	41	29
3	340	36	25	36	26	36	27	37	28	40	26	38	26	39	26	39	27
4	341	33	27	34	27	36	29	36	29	36	27	37	27	37	28	37	28
5	342	35	26	36	26	36	27	37	27	40	26	37	27	39	28	40	28
6	343	35	26	34	27	35	28	36	29	42	27	41	28	42	28	40	29
7	344	35	25	35	26	35	28	36	28	41	26	37	26	40	27	40	27
8	345	34	25	34	25	36	27	36	27	42	26	37	25	39	27	39	28
9	346	33	25	33	25	36	27	36	28	35	26	36	26	35	26	37	27
10	347	34	27	35	27	36	28	37	29	40	27	38	27	41	28	42	28
11	348	34	26	35	27	35	29	36	29	38	27	37	28	38	29	38	29
12	349	33	26	36	26	35	28	35	28	38	26	37	27	36	27	38	28
13	350	34	25	34	25	35	27	36	28	37	25	35	25	36	26	36	26
14	351	33	26	33	27	34	28	35	29	34	26	36	27	36	28	38	28
15	352	33	26	34	27	35	28	35	28	38	27	36	27	38	28	37	28
16	353	33	24	34	25	34	26	35	26	36	25	36	24	37	26	36	25
17	354	34	25	34	27	35	26	36	28	36	25	36	25	41	26	37	26
18	355	34	24	35	24	35	26	37	26	38	25	36	24	37	25	38	25
19	356	34	27	33	27	34	28	35	29	34	27	34	27	35	28	35	28
20	357	34	27	34	27	34	28	35	29	34	27	35	27	36	28	36	28
21	358	33	28	33	28	35	27	35	29	36	27	35	28	35	28	36	29
22	359	34	27	34	27	35	28	36	29	39	27	37	27	37	28	37	28
23	360	35	28	34	28	36	29	36	30	35	28	36	28	36	29	37	29
24	361	35	28	35	28	36	30	36	30	37	28	36	27	36	29	37	28
25	362	34	28	34	28	36	29	36	29	38	28	36	28	36	29	36	28
26	363	35	27	35	28	35	29	36	29	36	27	36	27	36	28	36	28
27	364	46	32	44	31	41	30	40	31	49	31	44	30	42	30	40	30
28	365	52	35	48	35	44	36	43	36	54	35	50	36	47	37	44	36
29	366	42	29	41	30	41	33	41	34	43	30	42	30	42	32	42	33
Sums		1025	777	1025	787	1041	821	1058	837	1127	785	1084	788	1107	816	1107	819
Averages		35.3	26.8	35.3	27.1	35.9	28.3	36.5	28.9	38.9	27.1	37.4	27.2	38.2	28.1	38.2	28.2

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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	38	0		0
2	339	46	0		0
3	340	50	0		0
4	341	43	0		0
5	342	45	0		0
6	343	42	0		0
7	344	42	0		0
8	345	49	0		0
9	346	48	0		0
10	347	28	0		0
11	348	31	0		0
12	349	49	0		0
13	350	47	0		0
14	351	39	0		0
15	352	40	0		0
16	353	37	0		0
17	354	37	0		0
18	355	50	0		0
19	356	42	0		0
20	357	40	0		0
21	358	38	0		0
22	359	34	0		0
23	360	25	0		0
24	361	22	3		0
25	362	19	6		0
26	363	21	4		0
27	364	21	4		0
28	365	16	9		0
29	366	32	0		0
Sums for month		1071	26		0
4800	Accumulated heating degree days since July 1				
41	Accumulated growing degree days since Jan. 1				
1146	Accumulated cooling degree days since Apr. 1				