

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

January 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	307	22	14	18	88	51	69	31	86	88	T	0	0	0
2	308	15	1	8	89	48	68	18	72	132	T	T	0	0
3	309	33	3	18	97	55	76	22	97	114	72	25	0	0
4	310	37	3	20	97	49	73	42	71	65	0	0	0	0
5	311	20	12	16	77	46	61	35	102	77	0	0	0	0
6	312	20	5	12	67	50	58	35	174	38	0	0	0	0
7	313	29	9	19	92	56	74	37	69	66	T	T	0	0
8	314	18	8	13	81	47	64	33	145	57	0	0	0	0
9	315	29	8	18	95	62	78	14	83	80	21	9	0	0
10	316	24	6	15	94	75	84	13	57	55	11	11	0	0
11	317	20	7	13	83	48	65	32	136	89	0	0	0	0
12	318	25	10	17	92	39	65	26	172	58	3	20	0	0
13	319	26	17	21	94	66	80	16	69	66	30	25	0	0
14	320	18	-7	5	92	72	82	10	102	99	6	15	0	0
15	321	21	-5	8	94	80	87	9	52	50	190	25	0	0
16	322	24	9	16	94	66	80	18	105	101	2	80	0	0
17	323	43	17	30	81	59	70	65	130	110	0	0	0	0
18	324	42	19	30	88	48	68	86	183	67	1	0	0	0
19	325	44	32	38	96	67	81	37	50	50	26	0	0	
20	326	35	25	30	85	58	71	51	128	96	0	0	0	0
21	327	35	19	27	88	48	68	48	210	42	0	0	0	0
22	328	40	24	32	88	75	81	32	117	110	0	0	0	0
23	329	43	33	38	96	88	92	17	44	42	12	0	0	0
24	330	55	40	47	96	77	86	32	145	111	5	0	0	0
25	331	40	30	35	85	68	76	50	34	33	0	0	0	0
26	332	31	26	28	95	77	86	22	82	80	5	8	0	0
27	333	33	21	27	90	63	76	37	90	88	5	0	0	
28	334	34	23	28	96	65	80	27	65	57	5	0	0	0
29	335	26	16	21	96	89	92	8	38	37	5	8	0	0
30	336	29	16	22	92	68	80	19	168	117	7	9	0	0
31	337	30	2	16	95	78	86	14	93	88	4	9	0	0
Sums		941	443	686	2793	1938	2357	936	3169	2363	410	244	0	0
Average		30.4	14.3	22.1	90.1	62.5	76.0	.030	102.2	76.2	.13	.8	.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	307	30	22	31	23	34	25	35	26	37	21	37	22	37	25	36	26
2	308	32	22	33	22	34	25	36	27	35	20	37	23	39	22	37	25
3	309	33	22	33	22	35	24	36	26	33	21	33	21	35	22	36	24
4	310	34	22	34	22	35	24	38	25	41	22	40	22	39	23	40	24
5	311	30	20	32	21	33	24	34	25	36	21	34	21	37	22	35	24
6	312	31	20	31	21	33	24	34	26	38	20	37	22	43	22	42	24
7	313	32	22	31	23	33	25	35	26	39	20	39	23	39	24	39	24
8	314	29	18	30	18	32	22	34	24	39	18	39	21	40	22	43	22
9	315	31	18	31	20	33	23	34	23	39	19	38	21	38	22	38	24
10	316	30	22	31	22	32	24	34	25	40	22	40	22	39	23	39	24
11	317	30	22	30	22	32	24	34	24	36	23	35	21	35	23	38	24
12	318	32	21	32	21	34	23	34	24	39	21	38	21	38	22	38	23
13	319	33	24	32	24	36	26	35	26	41	23	38	24	39	25	39	25
14	320	32	24	31	24	32	26	34	27	32	24	32	23	33	24	33	25
15	321	32	22	32	22	34	25	34	26	36	23	34	23	35	24	35	24
16	322	30	22	32	22	33	24	37	25	40	23	40	23	38	24	38	25
17	323	34	25	33	24	35	26	35	27	40	24	41	25	39	26	38	26
18	324	34	25	32	25	35	27	38	28	39	26	37	26	41	26	36	27
19	325	35	25	35	25	37	26	38	26	38	25	38	25	38	26	39	26
20	326	33	26	34	26	36	27	38	27	41	26	39	26	41	27	40	27
21	327	35	25	34	25	34	26	38	27	44	25	42	25	42	26	42	26
22	328	33	26	35	26	36	28	36	28	38	26	37	27	38	28	39	28
23	329	34	26	35	26	35	28	36	28	35	27	36	26	36	26	40	28
24	330	34	27	35	27	36	28	37	29	41	27	39	27	40	28	40	28
25	331	34	27	34	27	35	29	36	28	40	27	39	28	43	29	40	29
26	332	34	26	33	26	35	28	37	27	38	27	39	27	37	28	37	28
27	333	34	26	33	26	35	28	35	28	39	27	38	27	42	27	42	26
28	334	34	26	34	26	36	28	36	28	39	26	37	27	38	28	39	27
29	335	33	26	34	26	35	28	36	28	37	27	38	27	39	27	46	20
30	336	34	27	33	27	36	28	36	28	39	26	37	26	38	28	40	20
31	337	33	24	34	24	35	26	35	26	37	25	34	25	36	26	37	21
Sums		1009	730	1014	735	1066	799	1105	818	1186	732	1162	747	1192	775	1201	774
Averages		32.5	23.5	32.7	23.7	34.4	25.8	35.6	26.4	38.3	23.6	37.5	24.1	38.5	25.0	38.7	25.0

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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	307	47	0		0
2	308	57	0		0
3	309	47	0		0
4	310	45	0		0
5	311	49	0		0
6	312	53	0		0
7	313	46	0		0
8	314	52	0		0
9	315	47	0		0
10	316	50	0		0
11	317	52	0		0
12	318	48	0		0
13	319	44	0		0
14	320	60	0		0
15	321	57	0		0
16	322	49	0		0
17	323	35	0		0
18	324	35	0		0
19	325	27	0		0
20	326	35	0		0
21	327	38	0		0
22	328	33	0		0
23	329	27	0		0
24	330	18	7		0
25	331	30	0		0
26	332	37	0		0
27	333	38	0		0
28	334	37	0		0
29	335	44	0		0
30	336	43	0		0
31	337	49	0		0
Sums for month		1329	7		0

3576 Accumulated heating degree days since July 1

7 Accumulated growing degree days since Jan. 1

537 Accumulated cooling degree days since Apr. 1