

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 2001

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		Total	Diff				
1	307	19	16	17	96	79	87	12	95	94	T	5	0	0
2	308	22	3	12	100	67	83	12	162	158	T	T	0	0
3	309	22	11	16	92	66	79	23	193	185	0	0	0	0
4	310	31	20	25	84	39	61	52	165	162	T	T	0	0
5	311	29	19	24	100	74	87	25	97	95	T	T	0	0
6	312	34	23	28	100	77	88	10	46	46	T	T	0	0
7	313	28	24	26	100	78	89	24	135	139	T	T	0	0
8	314	34	24	29	92	78	85	29	34	34	0	0	0	0
9	315	33	17	25	96	75	85	21	77	76	T	T	0	0
10	316	26	15	20	99	49	74	14	147	140	8	42	0	0
11	317	37	15	26	100	55	77	28	87	85	0	0	0	0
12	318	35	24	29	98	66	82	25	108	103	T	T	0	0
13	319	32	14	23	98	45	71	29	164	158	0	0	0	0
14	320	42	17	29	100	45	72	28	170	167	0	0	0	0
15	321	36	28	32	100	45	72	12	72	74	1	0	0	0
16	322	38	34	36	95	78	86	30	39	38	T	0	0	0
17	323	37	27	32	100	79	89	21	37	32	5	5	0	0
18	324	28	22	25	100	87	93	4	79	75	7	10	0	0
19	325	35	26	30	100	73	86	27	82	60	1	0	0	0
20	326	30	16	23	100	82	91	8	28	27	T	T	0	0
21	327	18	12	15	95	72	83	13	96	68	0	0	0	0
22	328	28	15	21	90	59	74	32	137	70	0	0	0	0
23	329	32	13	22	93	52	72	30	147	112	0	0	0	0
24	330	37	18	27	87	62	74	43	156	117	0	0	0	0
25	331	33	23	28	97	63	80	34	79	76	T	T	0	0
26	332	24	10	17	93	65	79	23	182	113	T	T	0	0
27	333	31	14	22	100	54	77	44	194	85	T	T	0	0
28	334	31	22	26	100	67	83	22	113	110	T	T	0	0
29	335	28	12	20	96	62	79	33	161	137	T	T	0	0
30	336	36	12	24	94	55	74	53	186	116	8	0	0	0
31	337	44	32	38	100	81	90	11	42	41	62	0	0	0
Sums		970	578	767	2995	2029	2502	772	3510	2993	92	62	0	0
Average		31.3	18.6	24.7	96.6	65.5	80.7	.025	113.2	96.5	.03	.2	.0	.000

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Mo. Day	Cl. Day	Soil Temperature F															
		Sod								Bare							
		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	307	33	28	33	28	34	30	35	31	33	28	34	28	35	30	36	26
2	308	33	28	33	29	34	30	35	32	31	28	34	28	35	30	37	30
3	309	33	29	33	28	34	30	35	31	34	28	34	28	35	29	36	30
4	310	33	29	33	29	35	30	35	32	34	29	34	29	35	30	36	30
5	311	33	29	33	29	35	30	35	31	34	29	34	29	35	29	36	30
6	312	33	29	33	28	35	31	35	32	34	29	34	28	35	30	36	30
7	313	33	29	33	29	35	29	35	33	34	29	34	29	35	28	36	29
8	314	34	29	34	29	35	31	36	32	34	30	35	29	35	29	38	31
9	315	34	28	33	30	35	31	36	31	34	28	35	28	35	29	42	26
10	316	33	29	33	30	35	31	35	32	34	28	35	30	35	31	40	32
11	317	33	29	33	29	35	30	35	32	34	28	35	30	35	31	42	33
12	318	34	30	34	30	35	31	36	32	34	30	34	30	35	28	36	31
13	319	33	29	34	30	35	32	36	32	34	29	34	30	35	30	36	31
14	320	34	30	34	30	35	31	36	32	34	29	34	30	35	31	36	30
15	321	36	30	36	30	37	32	37	32	36	0	36	31	36	29	37	28
16	322	34	29	34	30	35	31	36	32	35	29	34	29	35	29	36	31
17	323	34	30	34	30	35	31	36	32	35	28	35	30	36	31	37	30
18	324	34	30	34	29	36	31	36	31	35	28	35	29	36	31	36	30
19	325	34	30	34	30	36	31	36	32	35	28	35	29	36	31	36	31
20	326	34	30	35	30	36	30	36	31	35	30	35	28	36	30	37	30
21	327	34	29	34	29	36	31	36	31	35	29	35	29	36	31	37	29
22	328	34	29	34	30	36	32	36	32	35	29	36	29	36	30	37	32
23	329	35	31	35	31	37	32	36	33	36	31	36	31	36	32	38	32
24	330	35	31	36	31	36	32	37	33	35	31	36	31	37	32	39	30
25	331	35	30	35	31	36	32	36	33	36	30	36	31	37	32	39	29
26	332	35	30	35	31	36	32	36	33	35	31	36	31	37	32	37	32
27	333	35	31	35	31	37	32	36	33	37	31	36	31	38	32	37	32
28	334	34	30	35	31	36	32	36	33	36	31	37	31	38	32	38	31
29	335	35	31	35	31	36	32	36	33	36	31	36	31	38	32	36	32
30	336	35	31	35	31	36	33	36	33	36	31	35	31	37	32	36	32
31	337	34	31	36	31	36	32	36	33	35	31	36	31	37	32	39	32
Sums		1053	918	1058	925	1100	965	1109	995	1075	881	1085	919	1112	945	1155	942
Averages		34.0	29.6	34.1	29.8	35.5	31.1	35.8	32.1	34.7	28.4	35.0	29.6	35.9	30.5	37.3	30.4

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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	48	0		0
2	308	53	0		0
3	309	49	0		0
4	310	40	0		0
5	311	41	0		0
6	312	37	0		0
7	313	39	0		0
8	314	36	0		0
9	315	40	0		0
10	316	45	0		0
11	317	39	0		0
12	318	36	0		0
13	319	42	0		0
14	320	36	0		0
15	321	33	0		0
16	322	29	0		0
17	323	33	0		0
18	324	40	0		0
19	325	35	0		0
20	326	42	0		0
21	327	50	0		0
22	328	44	0		0
23	329	43	0		0
24	330	38	0		0
25	331	37	0		0
26	332	48	0		0
27	333	43	0		0
28	334	39	0		0
29	335	45	0		0
30	336	41	0		0
31	337	27	0		0
Sums for month		1248	0		0
4097	Accumulated heating degree days since July 1				
0	Accumulated growing degree days since Jan. 1				
378	Accumulated cooling degree days since Apr. 1				