

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 1999

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	276	38	9	23	96	67	81	18	66	20	27	28	0	0
2	277	27	10	18	89	49	69	30	279	20	0	0	0	0
3	278	38	16	27	74	52	63	69	108	63	0	0	0	0
4	279	53	37	45	93	44	68	91	49	47	8	0	0	0
5	280	55	48	51	95	77	86	51	54	50	T	0	0	0
6	281	66	49	57	92	55	73	115	125	75	0	0	0	0
7	282	53	32	42	96	63	79	41	109	57	1	0	0	0
8	283	35	26	30	92	72	82	35	48	45	0	0	0	0
9	284	43	27	35	93	59	76	42	168	28	0	0	0	0
10	285	51	31	41	79	40	59	127	156	27	0	0	0	0
11	286	46	29	37	93	64	78	48	16	15	26	0	0	0
12	287	35	25	30	92	56	74	45	166	39	0	0	0	0
13	288	38	26	32	95	53	74	44	116	77	10	0	0	0
14	289	37	30	33	97	85	91	14	17	17	1	0	0	0
15	290	37	29	33	98	78	88	16	28	27	85	18	0	0
16	291	43	36	39	90	60	75	46	87	65	0	0	0	0
17	292	40	29	34	95	53	74	54	71	56	T	T	0	0
18	293	31	22	26	90	61	75	42	104	70	T	T	0	0
19	294	30	16	23	92	58	75	21	117	68	T	T	0	0
20	295	36	18	27	90	56	73	52	182	34	0	0	0	0
21	296	44	27	35	95	57	76	49	51	49	1	0	0	0
22	297	27	21	24	86	64	75	38	50	48	0	0	0	0
23	298	27	19	23	90	49	69	31	120	59	T	T	0	0
24	299	26	13	19	83	52	67	36	87	68	0	0	0	0
25	300	22	12	17	89	65	77	17	113	72	T	3	0	0
26	301	27	13	20	84	50	67	47	162	36	0	0	0	0
27	302	35	20	27	93	59	76	34	63	54	3	13	0	0
28	303	21	-1	10	93	76	84	12	82	80	2	17	0	0
29	304	24	7	15	89	51	70	32	117	105	T	0	0	0
30	305	40	19	29	77	52	64	60	145	52	0	0	0	0
31	306	40	20	30	81	62	71	46	74	69	0	0	0	0
Sums		1165	715	932	2791	1839	2309	1403	3130	1592	164	79	0	0
Average		37.6	23.1	30.1	90.0	59.3	74.5	.045	101.0	51.4	.05	.3	.0	.000

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		Soil Temperature F															
		Sod								Bare							
Mo. Day	Cl. Day	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	276	39	32	40	32	42	35	44	36	39	29	39	31	42	33	43	35
2	277	39	30	41	30	42	33	43	34	40	28	41	29	43	31	43	33
3	278	37	31	39	31	41	34	42	35	38	29	38	30	39	32	41	33
4	279	44	32	44	33	43	35	44	36	45	32	45	32	44	34	45	34
5	280	49	40	48	39	48	39	47	39	51	41	48	40	50	39	47	39
6	281	54	44	52	43	50	42	49	42	56	44	54	44	51	42	50	42
7	282	52	35	51	37	50	40	50	41	53	35	52	37	51	40	51	41
8	283	41	30	42	32	44	36	47	37	44	29	44	31	46	35	46	36
9	284	45	30	44	31	43	34	44	37	46	29	44	30	43	33	44	34
10	285	44	31	44	32	42	36	43	37	47	29	44	31	44	34	42	36
11	286	44	29	43	32	43	35	44	36	45	30	44	31	46	34	47	36
12	287	38	28	40	30	41	32	42	34	44	27	42	28	42	32	44	33
13	288	37	27	37	29	39	32	40	33	39	27	38	28	40	31	40	32
14	289	39	30	41	31	40	34	41	34	42	30	41	31	42	32	41	34
15	290	38	29	38	30	40	32	41	34	38	28	38	30	41	31	40	32
16	291	40	30	40	31	41	33	42	34	42	30	41	31	42	33	41	33
17	292	39	29	39	30	40	32	40	33	42	29	40	30	41	31	45	32
18	293	36	28	37	28	38	32	39	33	42	28	39	29	40	30	42	32
19	294	34	24	35	26	38	29	39	30	39	23	38	25	39	27	39	29
20	295	33	25	34	25	37	28	38	30	37	25	36	26	37	27	38	28
21	296	39	28	38	29	38	31	39	32	42	28	39	29	41	30	40	32
22	297	34	27	35	28	36	30	39	31	39	28	38	28	38	30	39	31
23	298	33	26	34	27	36	30	38	31	42	27	37	27	39	29	41	30
24	299	33	20	33	23	35	27	36	28	39	20	37	24	38	26	39	28
25	300	31	21	32	24	34	27	35	26	38	20	36	24	37	26	45	17
26	301	31	23	32	24	34	26	35	27	38	23	37	23	37	25	42	15
27	302	32	24	32	25	34	28	37	29	36	24	36	26	36	27	37	28
28	303	31	21	32	22	34	24	35	25	38	22	36	22	37	23	37	24
29	304	32	23	32	23	34	26	34	27	38	24	38	23	39	26	40	26
30	305	33	24	34	24	35	27	36	27	40	25	37	24	38	25	39	26
31	306	32	25	33	25	34	28	36	28	40	25	37	25	38	27	40	27
Sums		1183	876	1196	906	1226	987	1259	1016	1299	868	1254	899	1281	955	1308	968
Averages		38.2	28.3	38.6	29.2	39.5	31.8	40.6	32.8	41.9	28.0	40.5	29.0	41.3	30.8	42.2	31.2

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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	276	42	0		0
2	277	47	0		0
3	278	38	0		0
4	279	20	5		0
5	280	14	11		0
6	281	8	17		0
7	282	23	2		0
8	283	35	0		0
9	284	30	0		0
10	285	24	1		0
11	286	28	0		0
12	287	35	0		0
13	288	33	0		0
14	289	32	0		0
15	290	32	0		0
16	291	26	0		0
17	292	31	0		0
18	293	39	0		0
19	294	42	0		0
20	295	38	0		0
21	296	30	0		0
22	297	41	0		0
23	298	42	0		0
24	299	46	0		0
25	300	48	0		0
26	301	45	0		0
27	302	38	0		0
28	303	55	0		0
29	304	50	0		0
30	305	36	0		0
31	306	35	0		0
Sums for month		1083	36		0

2382 Accumulated heating degree days since July 1  
 4712 Accumulated growing degree days since Jan. 1  
 1146 Accumulated cooling degree days since Apr. 1