

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 2002**

Mo. Day	Cl. Day	Air Temp. F Max Min Avg	Rel. Hum. Pct Max Min Avg	VPD Thou In/Hg	Solar Rad Gm Cal/Cm2 Total Diff	PPT Hund Ins	Snow Tnth Ins	Mi. Wind 1.5 Ft	Pan Thou In Evap
1	276	41 19 30	95 59 77	35	39 38	10	10	0	0
2	277	28 20 24	91 47 69	42	193 56	1	0	0	0
3	278	29 6 17	91 78 84	12	87 86	14	62	0	0
4	279	27 6 16	86 52 69	25	216 51	T	T	0	0
5	280	28 17 22	83 49 66	37	184 78	0	0	0	0
6	281	25 19 22	94 66 80	22	84 84	10	15	0	0
7	282	29 14 21	81 54 67	41	150 103	0	0	0	0
8	283	40 21 30	82 44 63	67	185 55	0	0	0	0
9	284	36 3 19	93 43 68	36	146 88	T	T	0	0
10	285	23 3 13	72 46 59	43	199 33	0	0	0	0
11	286	35 13 24	76 43 59	56	189 35	0	0	0	0
12	287	33 22 27	97 59 78	27	57 57	62	38	0	0
13	288	40 27 33	97 80 88	18	95 77	0	0	0	0
14	289	41 27 34	98 85 91	15	82 81	64	0	0	0
15	290	37 32 34	98 82 90	15	30 26	112	20	0	0
16	291	36 24 30	97 75 86	22	31 30	T	T	0	0
17	292	24 16 20	92 82 87	13	78 77	8	12	0	0
18	293	23 4 13	92 64 78	15	151 176	T	T	0	0
19	294	33 9 21	88 46 67	64	217 42	0	0	0	0
20	295	44 31 37	96 58 77	55	71 71	6	0	0	0
21	296	47 33 40	92 57 74	67	30 30	0	0	0	0
22	297	38 30 34	92 49 70	70	76 69	0	0	0	0
23	298	44 30 37	80 42 61	73	98 52	T	T	0	0
24	299	38 27 32	84 57 70	55	52 52	0	0	0	0
25	300	33 24 28	95 59 77	40	100 86	13	15	0	0
26	301	27 22 24	96 81 88	10	40 40	38	80	0	0
27	302	32 27 29	81 70 75	42	58 58	0	0	0	0
28	303	28 19 23	85 69 77	30	54 53	0	0	0	0
29	304	32 28 30	92 72 82	30	62 61	T	T	0	0
30	305	37 22 29	90 57 73	44	132 110	0	0	0	0
31	306	42 23 32	90 62 76	45	100 80	7	0	0	0
Sums		1050 618 825	2776 1887 2326	1166	3286 2035	345	252	0	0
Average		33.9 19.9 26.6	89.5 60.9 75.0	.038	106.0 65.6	.11	.8	.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	40	32	39	33	40	36	41	37	40	32	40	34	41	35	41	36
2	277	35	31	36	32	38	35	40	36	38	30	38	32	39	33	41	35
3	278	35	31	36	32	38	34	40	36	36	31	37	32	39	34	40	35
4	279	36	32	36	32	39	35	40	36	36	32	37	32	39	34	40	35
5	280	36	31	36	32	39	34	39	36	36	32	37	32	39	34	40	34
6	281	35	31	36	32	38	34	39	35	36	31	37	32	38	33	39	33
7	282	35	31	36	31	38	34	39	34	36	31	37	31	39	32	40	33
8	283	36	31	36	32	38	34	39	35	36	31	37	31	39	33	39	34
9	284	35	30	36	30	38	33	40	34	36	31	37	31	39	33	40	33
10	285	35	30	35	31	38	33	39	34	35	30	36	31	37	32	38	32
11	286	35	30	36	31	38	33	38	35	35	31	36	31	38	32	38	34
12	287	36	31	36	31	38	33	38	34	37	31	36	31	38	32	39	33
13	288	35	31	35	31	38	34	39	34	36	31	38	32	40	32	39	33
14	289	36	31	35	31	37	33	38	34	35	31	36	32	37	32	38	33
15	290	34	31	35	31	37	33	39	34	35	31	37	32	38	33	39	34
16	291	34	30	35	31	37	33	38	34	35	31	37	31	37	32	38	33
17	292	35	30	35	31	37	33	38	34	36	31	37	31	38	33	38	33
18	293	35	30	36	31	37	33	38	34	36	31	36	31	38	32	38	32
19	294	35	31	35	31	37	33	38	34	35	31	36	31	38	32	38	33
20	295	35	31	35	31	37	33	38	34	36	31	38	31	37	32	39	33
21	296	35	31	35	31	38	33	39	34	37	31	37	32	39	33	40	33
22	297	36	31	37	31	38	33	38	34	37	31	37	31	38	32	38	33
23	298	39	31	38	31	38	33	39	34	40	31	39	32	40	33	40	34
24	299	35	30	35	31	37	33	38	34	37	31	38	31	39	32	40	33
25	300	35	30	34	31	36	32	38	34	35	30	36	31	37	32	38	32
26	301	34	30	35	31	36	32	38	34	36	30	36	31	37	32	38	33
27	302	34	30	34	31	37	33	38	34	37	31	38	32	38	32	40	33
28	303	34	30	35	31	37	32	37	33	37	31	36	31	38	32	39	32
29	304	35	31	36	31	37	33	38	34	35	31	37	31	39	32	38	33
30	305	35	31	35	31	37	33	38	34	36	31	36	31	38	32	38	33
31	306	35	31	35	31	36	33	37	34	35	30	35	31	37	32	37	32
Sums		1095	952	1104	968	1164	1033	1196	1067	1123	959	1145	975	1188	1009	1208	1032
Average		35.3	30.7	35.6	31.2	37.5	33.3	38.6	34.4	36.2	30.9	36.9	31.5	38.3	32.5	39.0	33.3

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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	35	0		0
2	277	41	0		0
3	278	48	0		0
4	279	49	0		0
5	280	43	0		0
6	281	43	0		0
7	282	44	0		0
8	283	35	0		0
9	284	46	0		0
10	285	52	0		0
11	286	41	0		0
12	287	38	0		0
13	288	32	0		0
14	289	31	0		0
15	290	31	0		0
16	291	35	0		0
17	292	45	0		0
18	293	52	0		0
19	294	44	0		0
20	295	28	0		0
21	296	25	0		0
22	297	31	0		0
23	298	28	0		0
24	299	33	0		0
25	300	37	0		0
26	301	41	0		0
27	302	36	0		0
28	303	42	0		0
29	304	35	0		0
30	305	36	0		0
31	306	33	0		0
Sums for month		1190	0		0
2629	Accumulated heating degree days since July 1				
4604	Accumulated growing degree days since Jan. 1				
714	Accumulated cooling degree days since Apr. 1				