

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 2001

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	276	63	48	55	100	78	89	31	24	23	39	0	0	0
2	277	52	40	46	91	66	78	85	29	28	0	0	0	0
3	278	49	32	40	96	56	76	52	139	54	0	0	0	0
4	279	63	33	48	99	24	61	133	159	45	0	0	0	0
5	280	59	32	45	99	58	78	114	96	82	T	0	0	0
6	281	69	55	62	78	29	53	224	77	60	0	0	0	0
7	282	65	35	50	90	33	61	137	31	31	0	0	0	0
8	283	49	26	37	93	36	64	61	160	31	0	0	0	0
9	284	33	27	30	100	74	87	15	40	39	29	20	0	0
10	285	38	27	32	100	78	89	14	89	73	T	T	0	0
11	286	42	30	36	92	62	77	45	161	34	0	0	0	0
12	287	46	28	37	100	63	81	28	150	35	0	0	0	0
13	288	46	30	38	100	57	78	52	128	72	12	0	0	0
14	289	54	42	48	98	78	88	47	44	44	T	0	0	0
15	290	42	30	36	100	86	93	7	22	22	77	0	0	
16	291	34	29	31	100	75	87	21	49	48	0	0	0	0
17	292	36	28	32	94	77	85	28	87	80	6	0	0	0
18	293	39	35	37	100	86	93	6	16	15	63	0	0	0
19	294	40	33	36	100	72	86	24	41	40	23	0	0	0
20	295	45	32	38	97	64	80	56	71	64	T	T	0	0
21	296	37	28	32	100	59	79	28	130	82	4	5	0	0
22	297	33	24	28	90	60	75	38	113	61	0	0	0	0
23	298	35	24	29	93	58	75	41	134	48	0	0	0	0
24	299	42	31	36	91	53	72	74	28	27	0	0	0	0
25	300	37	24	30	80	43	61	69	135	67	0	0	0	0
26	301	38	17	27	86	56	71	46	105	59	0	0	0	0
27	302	31	18	24	88	46	67	45	151	50	0	0	0	0
28	303	28	19	23	98	48	73	31	107	91	3	20	0	0
29	304	33	15	24	99	54	76	25	87	80	5	10	0	0
30	305	29	19	24	84	52	68	40	121	53	0	0	0	0
31	306	25	19	22	82	65	73	34	140	87	0	0	0	0
Sums		1332	910	1113	2918	1846	2374	1651	2864	1625	261	55	0	0
Average		43.0	29.4	35.9	94.1	59.5	76.6	.053	92.4	52.4	.08	.2	.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	55	45	54	45	52	46	52	46	56	46	55	45	54	46	54	45
2	277	50	43	51	44	52	45	52	46	51	43	51	43	52	44	52	45
3	278	51	35	50	37	50	41	50	43	52	34	51	36	50	39	50	42
4	279	52	34	49	36	48	40	48	43	52	34	50	35	49	39	48	41
5	280	51	36	50	37	50	41	49	42	51	35	51	37	50	39	50	41
6	281	57	47	55	47	52	46	52	46	57	47	55	47	54	46	52	45
7	282	52	37	52	39	52	43	52	45	53	36	53	39	53	42	52	44
8	283	48	33	48	36	48	40	49	42	50	32	49	35	48	38	48	41
9	284	39	33	40	35	44	38	46	40	39	32	40	34	43	36	45	39
10	285	40	32	41	33	43	37	44	39	42	31	42	32	42	35	43	37
11	286	42	32	41	33	42	36	43	38	42	31	41	32	43	34	42	36
12	287	45	32	43	33	43	36	43	38	46	31	44	33	44	35	43	37
13	288	44	32	43	34	44	37	44	38	44	32	43	33	43	35	44	36
14	289	49	40	48	40	47	40	47	40	50	40	49	40	48	40	47	39
15	290	46	35	46	36	47	40	47	40	47	34	47	36	47	39	49	40
16	291	40	32	41	34	43	37	45	38	41	32	41	33	43	36	44	37
17	292	40	32	40	34	41	37	42	38	42	32	40	33	41	35	42	36
18	293	40	32	41	35	42	37	44	38	42	34	42	35	43	36	43	37
19	294	42	33	42	34	43	38	44	38	44	33	43	34	43	36	44	38
20	295	44	33	43	34	42	37	43	38	45	33	43	34	43	36	43	37
21	296	42	33	42	34	42	36	42	38	43	32	42	33	42	35	43	37
22	297	38	32	38	32	40	35	41	36	38	31	39	32	40	34	41	35
23	298	36	31	36	32	38	35	40	36	37	30	37	31	38	33	40	34
24	299	37	32	37	32	39	35	40	36	38	31	38	31	40	33	41	34
25	300	37	30	37	31	39	34	40	36	39	30	39	31	40	33	40	34
26	301	35	29	35	30	38	34	39	35	35	30	36	30	37	32	39	33
27	302	34	27	34	29	37	33	38	34	35	27	35	30	37	32	38	32
28	303	33	26	34	29	36	32	38	33	34	26	34	29	36	31	38	32
29	304	33	29	34	30	36	32	37	33	35	29	35	30	37	31	38	32
30	305	34	29	35	30	37	32	38	33	35	30	36	30	37	31	38	32
31	306	34	29	34	30	37	32	38	33	35	30	36	30	38	32	38	32
Sums		1320	1035	1314	1075	1344	1162	1367	1199	1350	1028	1337	1063	1355	1123	1369	1160
Averages		42.6	33.4	42.4	34.7	43.4	37.5	44.1	38.7	43.5	33.2	43.1	34.3	43.7	36.2	44.2	37.4

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December 2001

MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Mean (SCALAR) Wind Chill Index	Cooling Degrees Base 65F
1	276	10	15		0
2	277	19	6		0
3	278	25	0		0
4	279	17	8		0
5	280	20	5		0
6	281	3	22		0
7	282	15	10		0
8	283	28	0		0
9	284	35	0		0
10	285	33	0		0
11	286	29	0		0
12	287	28	0		0
13	288	27	0		0
14	289	17	8		0
15	290	29	0		0
16	291	34	0		0
17	292	33	0		0
18	293	28	0		0
19	294	29	0		0
20	295	27	0		0
21	296	33	0		0
22	297	37	0		0
23	298	36	0		0
24	299	29	0		0
25	300	35	0		0
26	301	38	0		0
27	302	41	0		0
28	303	42	0		0
29	304	41	0		0
30	305	41	0		0
31	306	43	0		0
Sums for month		902	74		0
2102	Accumulated heating degree days since July 1				
4711	Accumulated growing degree days since Jan. 1				
539	Accumulated cooling degree days since Apr. 1				