

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 2010

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	32	26	29	100	73	86	7	55	51	2	2	0	0
2	308	34	12	23	99	66	82	17	80	74	T	2	0	0
3	309	12	8	10	92	68	80	12	123	112	T	2	0	0
4	310	14	10	12	91	76	83	11	111	99	T	T	0	0
5	311	18	13	15	98	78	88	10	114	106	T	T	0	0
6	312	21	16	18	100	79	89	8	124	105	1	11	0	0
7	313	25	17	21	96	84	90	11	119	103	0	0	0	0
8	314	28	18	23	99	88	93	8	64	58	3	13	0	0
9	315	20	11	15	99	90	94	4	117	112	7	21	0	0
10	316	15	7	11	96	75	85	11	149	134	0	0	0	0
11	317	25	9	17	91	64	77	23	149	130	0	0	0	0
12	318	28	11	19	98	48	73	21	148	117	1	0	0	0
13	319	23	16	19	92	79	85	15	112	104	0	0	0	0
14	320	33	16	24	97	62	79	26	130	89	0	0	0	0
15	321	40	23	31	91	66	78	51	168	59	0	0	0	0
16	322	38	33	35	98	76	87	32	48	45	0	0	0	0
17	323	42	20	31	100	61	80	26	172	62	0	0	0	0
18	324	39	25	32	100	86	93	5	86	82	18	0	0	0
19	325	40	29	34	100	83	91	9	143	83	5	10	0	0
20	326	31	25	28	100	91	95	5	31	31	T	T	0	0
21	327	32	23	27	95	80	87	22	106	102	0	0	0	0
22	328	33	16	24	100	65	82	21	195	45	0	0	0	0
23	329	37	17	27	100	55	77	17	215	60	0	0	0	0
24	330	36	27	31	100	57	78	42	204	51	0	0	0	0
25	331	52	33	42	100	75	87	24	93	87	38	0	0	0
26	332	53	29	41	100	73	86	28	44	42	34	0	0	0
27	333	35	28	31	89	60	74	43	166	96	0	0	0	0
28	334	31	21	26	91	52	71	41	128	98	0	0	0	0
29	335	30	5	17	100	51	75	17	150	116	5	30	0	0
30	336	15	-4	5	94	65	79	9	161	139	2	2	0	0
31	337	10	-4	3	92	66	79	9	204	134	0	0	0	0
Sums		922	536	721	2998	2192	2583	585	3909	2726	116	93	0	0
Average		29.7	17.3	23.3	96.7	70.7	83.3	.019	126.1	87.9	.04	.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	307	29	23	30	23	31	24	32	25	28	23	29	23	30	24	31	25
2	308	25	19	26	20	27	21	28	22	25	19	25	19	27	21	27	21
3	309	23	15	24	15	25	17	26	18	21	12	22	14	25	17	26	17
4	310	23	15	24	16	25	17	26	18	18	9	21	12	25	17	26	18
5	311	20	15	21	16	22	17	23	18	19	11	19	13	21	16	23	17
6	312	21	16	22	17	23	18	24	19	20	14	21	15	22	17	23	18
7	313	22	17	23	18	24	19	24	20	22	17	22	17	23	19	24	20
8	314	26	18	27	19	28	20	28	21	26	18	26	18	27	19	28	20
9	315	24	15	24	16	25	17	26	18	23	15	23	15	24	16	25	17
10	316	23	14	24	14	25	16	25	16	23	14	23	14	24	15	25	16
11	317	25	15	25	16	26	17	27	17	24	15	24	15	26	16	26	17
12	318	28	16	29	17	29	18	30	18	27	16	28	16	29	18	29	18
13	319	25	16	25	16	27	18	27	18	25	16	25	16	26	17	26	18
14	320	27	18	28	18	29	19	29	20	27	18	27	17	28	19	28	19
15	321	32	24	32	24	33	25	34	26	31	24	31	24	32	25	33	25
16	322	26	22	26	22	27	23	28	24	25	22	26	22	27	23	27	23
17	323	27	20	27	20	28	21	29	22	27	20	27	20	28	21	29	21
18	324	30	23	30	23	32	25	32	25	30	23	30	23	31	24	31	25
19	325	27	21	27	21	28	23	29	23	27	21	27	21	28	22	29	23
20	326	26	21	26	21	27	22	28	23	26	21	26	21	27	22	27	22
21	327	25	20	26	21	27	22	27	22	26	21	26	21	27	22	27	22
22	328	29	20	29	20	30	22	30	23	29	21	29	21	30	22	30	22
23	329	28	19	28	19	30	21	30	21	28	20	29	20	30	21	30	21
24	330	31	24	31	24	33	26	33	26	31	24	32	24	32	25	33	26
25	331	43	30	41	30	37	31	35	32	43	30	41	30	38	31	36	31
26	332	43	25	41	26	37	28	35	29	43	26	41	26	39	28	36	29
27	333	34	23	32	23	31	26	31	27	33	24	31	24	31	26	31	26
28	334	27	20	29	20	31	22	32	23	28	20	29	21	30	22	31	22
29	335	26	13	28	14	30	16	31	17	27	9	29	15	30	17	30	17
30	336	22	11	23	12	25	14	26	15	22	8	23	11	25	14	26	14
31	337	26	12	27	13	29	15	29	16	24	8	25	12	28	15	29	15
Sums		843	580	855	594	881	640	894	662	828	559	837	580	870	631	882	645
Averages		27.2	18.7	27.6	19.2	28.4	20.6	28.8	21.4	26.7	18.0	27.0	18.7	28.1	20.4	28.5	20.8

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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	36	0		0
2	308	42	0		0
3	309	55	0		0
4	310	53	0		0
5	311	50	0		0
6	312	47	0		0
7	313	44	0		0
8	314	42	0		0
9	315	50	0		0
10	316	54	0		0
11	317	48	0		0
12	318	46	0		0
13	319	46	0		0
14	320	41	0		0
15	321	34	0		0
16	322	30	0		0
17	323	34	0		0
18	324	33	0		0
19	325	31	0		0
20	326	37	0		0
21	327	38	0		0
22	328	41	0		0
23	329	38	0		0
24	330	34	0		0
25	331	23	2		0
26	332	24	1		0
27	333	34	0		0
28	334	39	0		0
29	335	48	0		0
30	336	60	0		0
31	337	62	0		0
Sums for month		1294	3		0

3859 Accumulated heating degree days since July 1

3 Accumulated growing degree days since Jan. 1

309 Accumulated cooling degree days since Apr. 1