

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

October 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		Gm Cal/Cm2 Total	Diff				
1	215	62	39	50	97	42	69	100	398	384	0	0	48	158
2	216	67	48	57	92	47	69	154	361	355	0	0	53	106
3	217	74	51	62	97	41	69	127	354	338	0	0	24	149
4	218	80	52	66	94	31	62	336	342	338	0	0	56	224
5	219	74	53	63	97	47	72	159	314	108	0	0	49	176
6	220	67	44	55	98	67	82	42	171	123	25	0	64	207
7	221	56	38	47	94	38	66	113	293	98	T	0	122	38
8	222	47	32	39	96	37	66	67	300	95	6	0	126	150
9	223	49	31	40	96	44	70	59	310	105	0	0	39	68
10	224	62	33	47	87	30	58	193	251	144	0	0	74	149
11	225	69	45	57	66	37	51	230	254	136	0	0	62	147
12	226	77	55	66	97	40	68	178	276	106	2	0	39	125
13	227	66	55	60	97	72	84	65	82	81	5	0	18	17
14	228	76	58	67	94	58	76	187	272	108	0	0	130	168
15	229	70	45	57	98	58	78	125	154	125	30	0	142	166
16	230	58	40	49	96	47	71	96	237	101	2	0	50	112
17	231	64	41	52	96	38	67	89	228	81	15	0	120	101
18	232	45	35	40	87	53	70	77	118	110	3	0	184	93
19	233	54	35	44	75	33	54	128	315	32	0	0	46	104
20	234	62	44	53	93	35	64	179	184	145	5	0	56	98
21	235	64	46	55	94	30	62	174	269	68	0	0	28	109
22	236	73	45	59	98	42	70	102	137	103	60	0	48	158
23	237	58	38	48	98	64	81	55	214	91	2	0	19	81
24	238	69	48	58	93	57	75	113	90	87	0	0	96	58
25	239	66	54	60	100	68	84	40	67	66	15	0	46	108
26	240	58	43	50	79	35	57	198	227	70	0	0	148	108
27	241	58	35	46	94	54	74	55	109	102	T	0	149	17
28	242	41	34	37	97	64	80	53	125	108	11	0	109	45
29	243	41	31	36	91	52	71	62	113	111	2	0	38	42
30	244	58	35	46	87	33	60	118	177	84	0	0	60	75
31	245	47	31	39	88	41	64	83	266	31	0	0	54	92
Sums		1912	1314	1605	2866	1435	2144	3757	7008	4034	183	0	2297	3449
Average		61.7	42.4	51.8	92.5	46.3	69.2	.121	226.1	130.1	.06	.0	74.1	.111

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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	215	66	44	63	46	60	52	60	53	66	44	63	46	60	50	60	53
2	216	67	45	65	48	61	52	60	54	68	44	65	47	62	51	60	52
3	217	72	53	69	54	63	55	62	56	74	52	69	54	66	54	63	56
4	218	75	54	71	55	65	58	64	58	76	53	72	56	68	56	64	59
5	219	74	57	70	58	66	60	64	61	76	57	72	58	69	60	65	60
6	220	70	51	67	54	65	59	64	59	71	50	68	54	66	56	64	59
7	221	62	41	61	45	61	51	62	54	61	40	61	44	61	49	62	52
8	222	56	38	56	41	56	47	56	50	55	36	55	40	55	44	57	49
9	223	57	37	56	41	54	46	55	49	58	36	55	39	54	43	54	47
10	224	59	38	57	41	55	46	55	48	58	36	56	39	55	43	54	46
11	225	63	45	61	46	58	49	57	50	64	44	61	45	59	48	57	49
12	226	71	51	66	51	61	52	60	53	72	50	68	50	62	51	61	52
13	227	63	54	61	56	61	57	60	57	63	54	62	55	62	56	61	56
14	228	72	55	68	55	63	57	62	58	72	54	69	56	65	57	62	57
15	229	67	49	65	51	63	56	63	58	67	48	65	51	64	55	63	57
16	230	61	45	60	47	60	52	60	54	61	44	60	46	60	50	60	52
17	231	59	45	59	47	58	51	58	52	61	44	59	46	58	49	58	51
18	232	51	37	51	40	54	46	56	48	51	36	51	39	53	43	56	46
19	233	57	37	54	40	53	45	54	47	56	36	54	39	54	42	53	46
20	234	56	41	55	43	54	46	54	48	58	41	55	42	54	44	54	46
21	235	62	45	60	47	57	50	57	50	62	45	60	46	57	48	57	50
22	236	61	47	58	47	57	50	57	50	62	47	59	47	58	48	57	49
23	237	63	47	60	48	57	51	57	52	63	46	60	48	59	50	57	50
24	238	59	48	58	49	57	51	57	52	60	48	58	48	58	50	57	50
25	239	62	54	61	54	59	54	59	54	62	54	61	54	60	54	59	53
26	240	59	42	59	44	58	50	58	51	60	42	59	44	59	47	59	50
27	241	49	38	49	40	52	45	54	47	49	38	50	40	51	43	54	46
28	242	47	38	48	40	49	44	50	46	47	37	48	39	49	42	50	44
29	243	48	34	48	36	48	41	49	44	48	33	47	35	48	38	49	42
30	244	53	34	51	36	50	41	50	43	54	33	52	35	50	38	50	41
31	245	54	38	52	39	51	43	51	45	55	37	52	38	52	41	51	43
Sums		1895	1382	1839	1439	1786	1557	1785	1601	1910	1359	1846	1420	1808	1500	1788	1563
Averages		61.1	44.6	59.3	46.4	57.6	50.2	57.6	51.6	61.6	43.8	59.5	45.8	58.3	48.4	57.7	50.4

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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	215	15	10		0
2	216	8	17		0
3	217	3	22		0
4	218	0	26		1
5	219	2	23		0
6	220	10	15		0
7	221	18	7		0
8	222	26	0		0
9	223	25	0		0
10	224	18	7		0
11	225	8	17		0
12	226	0	26		1
13	227	5	20		0
14	228	0	27		2
15	229	8	17		0
16	230	16	9		0
17	231	13	12		0
18	232	25	0		0
19	233	21	4		0
20	234	12	13		0
21	235	10	15		0
22	236	6	19		0
23	237	17	8		0
24	238	7	18		0
25	239	5	20		0
26	240	15	10		0
27	241	19	6		0
28	242	28	0		0
29	243	29	0		0
30	244	19	6		0
31	245	26	0		0
Sums for month		414	374		4

609 Accumulated heating degree days since July 1
4450 Accumulated growing degree days since Jan. 1
539 Accumulated cooling degree days since Apr. 1