

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

May

2008

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	62	50	32	41	84	30	57	111	373	207	0	0	0	
2	63	57	36	46	100	39	69	85	194	181	5	0	0	
3	64	61	50	55	100	76	88	33	258	210	3	0	0	
4	65	67	50	58	100	72	86	55	512	238	45	0	0	
5	66	56	36	46	99	49	74	87	595	214	0	0	0	
6	67	67	41	54	86	35	60	169	549	240	0	0	0	
7	68	65	42	53	97	28	62	146	303	225	0	0	0	
8	69	74	46	60	100	44	72	105	349	259	12	0	0	
9	70	55	38	46	100	65	82	40	517	296	0	0	0	
10	71	59	42	50	85	54	69	108	508	215	1	0	0	
11	72	63	38	50	95	31	63	145	358	247	0	0	0	
12	73	65	46	55	77	41	59	199	519	254	0	0	0	
13	74	61	45	53	87	40	63	142	636	100	0	0	0	
14	75	68	41	54	87	20	53	179	374	205	0	0	0	
15	76	75	48	61	100	37	68	167	456	288	17	0	0	
16	77	63	45	54	98	54	76	67	167	147	0	0	173	
17	78	55	41	48	100	63	81	59	346	202	1	0	10	
18	79	67	42	54	94	47	70	107	164	142	13	0	33	
19	80	64	40	52	98	73	85	48	279	233	15	0	128	
20	81	49	36	42	94	61	77	69	356	266	1	0	149	
21	82	61	42	51	89	42	65	139	337	287	0	0	34	
22	83	54	41	47	98	52	75	66	334	250	7	0	43	
23	84	56	42	49	98	59	78	78	537	246	0	0	182	
24	85	61	47	54	88	53	70	118	646	187	3	0	122	
25	86	65	48	56	80	36	58	186	660	148	0	0	110	
26	87	75	49	62	85	27	56	221	391	271	0	0	44	
27	88	83	59	71	92	45	68	297	333	272	0	0	92	
28	89	64	38	51	91	57	74	74	680	184	0	0	109	
29	90	59	41	50	85	31	58	143	689	198	0	0	116	
30	91	72	46	59	76	22	49	308	346	285	0	0	32	
31	92	72	53	62	100	25	62	302	389	246	13	0	60	
Sums		1963	1341	1644	2863	1408	2127	4053	13155	6943	136	0	1254	
Average		63.3	43.3	53.0	92.4	45.4	68.6	.131	424.4	224.0	.04	.0	40.5	

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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	62	57	30	54	33	49	39	47	40	59	31	55	34	51	38	48	40
2	63	61	41	56	39	50	41	49	44	61	40	56	39	52	40	49	43
3	64	59	49	56	48	52	48	51	48	59	49	55	48	53	48	51	47
4	65	65	47	60	47	55	49	54	49	64	47	60	48	57	49	54	49
5	66	63	34	60	36	54	43	52	45	62	35	59	38	56	42	53	44
6	67	70	45	65	44	55	46	52	47	71	46	65	44	59	45	53	47
7	68	73	42	68	44	58	49	55	50	73	44	68	46	62	49	56	50
8	69	69	50	64	49	57	51	55	52	68	51	63	50	59	51	56	52
9	70	62	38	59	40	55	46	54	47	61	39	59	41	57	45	54	47
10	71	67	42	63	43	57	47	54	49	66	43	62	45	59	47	54	48
11	72	72	39	66	42	57	47	54	48	71	41	66	43	60	47	55	48
12	73	67	46	63	47	57	50	55	51	66	46	62	48	59	50	56	51
13	74	74	43	68	45	59	49	56	50	72	44	67	46	62	48	56	50
14	75	82	43	75	46	62	50	57	51	80	44	73	47	66	50	59	51
15	76	78	52	71	53	61	54	58	54	76	53	70	53	64	53	59	54
16	77	70	47	67	49	60	52	57	53	70	48	66	50	62	52	58	53
17	78	58	40	56	43	54	48	54	49	58	42	57	44	55	47	54	49
18	79	68	40	62	43	56	48	55	49	66	42	61	44	58	47	55	49
19	80	56	34	54	36	52	42	52	44	56	35	54	37	53	41	52	43
20	81	52	33	49	36	48	42	48	43	50	35	48	37	48	40	48	43
21	82	63	37	57	39	52	43	50	44	62	39	57	41	54	43	51	44
22	83	64	40	59	42	52	45	50	46	62	41	58	42	54	44	50	45
23	84	57	40	55	42	52	44	51	46	56	41	54	43	53	44	51	45
24	85	71	44	66	46	57	46	54	47	70	45	65	46	60	46	55	46
25	86	78	45	72	47	61	49	57	50	77	46	71	48	65	49	58	50
26	87	86	51	79	53	65	52	60	53	86	51	78	52	70	52	62	52
27	88	84	60	76	60	66	59	62	58	82	61	75	60	69	59	63	59
28	89	68	41	65	44	62	50	61	52	67	42	65	45	63	48	61	51
29	90	80	43	74	46	63	51	59	53	78	44	72	47	67	50	60	53
30	91	83	47	77	50	66	53	61	54	82	48	76	51	70	53	63	54
31	92	79	60	72	57	64	57	61	57	78	59	71	57	67	57	62	57
Sums		2136	1343	1988	1389	1768	1490	1695	1523	2109	1372	1968	1414	1844	1474	1716	1514
Averages		68.9	43.3	64.1	44.8	57.0	48.1	54.7	49.1	68.0	44.3	63.5	45.6	59.5	47.5	55.4	48.8

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MO. Day	Cl. Day	Heating Degrees Base 65F	Growing Degrees Base 40F	Cooling Degrees Base 65F
1	62	24	1	0
2	63	19	6	0
3	64	10	15	0
4	65	7	18	0
5	66	19	6	0
6	67	11	14	0
7	68	12	13	0
8	69	5	20	0
9	70	19	6	0
10	71	15	10	0
11	72	15	10	0
12	73	10	15	0
13	74	12	13	0
14	75	11	14	0
15	76	4	21	0
16	77	11	14	0
17	78	17	8	0
18	79	11	14	0
19	80	13	12	0
20	81	23	2	0
21	82	14	11	0
22	83	18	7	0
23	84	16	9	0
24	85	11	14	0
25	86	9	16	0
26	87	3	22	0
27	88	0	31	6
28	89	14	11	0
29	90	15	10	0
30	91	6	19	0
31	92	3	22	0
Sums for month		377	404	6

6574 Accumulated heating degree days since July 1

765 Accumulated growing degree days since Jan. 1

8 Accumulated cooling degree days since Apr. 1