

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 689 ft. Lat: 34.7753° N Lon: 86.9508° W

Station: ATHENS, AL US USC00010390

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	51.3	33.5	42.4	4.0	4.3	4.0	19.0	12.4	5.8	0.7	0.0	0.0	409.5	464.8	551.2	701.1	0.0	0.0	16.5	2.2	18.1	0.0
02	55.9	36.7	46.3	4.3	3.8	4.0	27.0	17.9	8.7	1.9	0.0	0.0	270.5	317.5	392.2	525.4	0.0	0.0	19.1	0.6	13.5	0.0
03	64.5	43.5	54.0	4.1	3.8	3.9	105.0	78.1	46.6	15.5	2.4	0.8	136.0	171.1	232.6	356.5	0.0	0.0	27.8	0.1	6.6	0.0
04	73.3	51.3	62.3	2.9	3.2	2.9	248.2	201.5	139.5	62.6	18.3	8.6	29.2	42.5	70.5	143.6	0.0	0.1	29.7	0.0	0.8	0.0
05	80.4	60.4	70.4	2.4	2.9	2.4	478.8	418.6	331.0	198.1	92.2	59.6	1.4	3.2	8.7	30.7	0.0	1.6	31.0	0.0	0.0	0.0
06	87.1	68.4	77.8	2.5	1.7	1.9	682.4	622.5	532.5	383.5	239.7	185.1	0.0	0.0	0.1	1.1	0.1	9.3	30.0	0.0	0.0	0.0
07	89.9	72.1	81.0	2.3	1.6	1.8	806.0	744.0	650.9	496.0	341.1	279.7	0.0	0.0	0.0	0.0	0.1	15.2	31.0	0.0	0.0	0.0
08	89.8	70.9	80.3	3.0	2.2	2.5	785.8	723.8	630.7	475.9	322.2	262.3	0.0	0.0	0.0	0.1	0.8	15.3	31.0	0.0	0.0	0.0
09	84.9	64.5	74.7	3.4	2.7	2.8	591.0	531.4	442.7	299.8	172.2	128.2	0.1	0.5	1.9	8.8	0.1	7.1	30.0	0.0	0.0	0.0
10	74.7	52.6	63.7	2.9	2.9	2.5	290.2	239.6	171.1	82.3	29.7	18.0	22.0	33.4	58.0	124.2	0.1	0.5	30.9	0.0	0.8	0.0
11	63.0	41.9	52.4	4.2	3.6	3.7	75.8	54.1	30.1	9.5	2.0	0.6	152.2	190.5	256.5	385.9	0.0	0.0	26.6	0.0	7.7	0.0
12	54.2	36.5	45.4	4.1	4.0	3.9	28.1	18.8	9.6	2.7	0.3	0.0	327.1	379.9	463.6	611.8	0.0	0.0	19.9	0.4	15.3	0.0
Summary	72.4	52.7	62.6	3.3	3.1	3.0	4137	3663	2999	2028	1220	943	1348	1603	2035	2889	1.2	49.1	323.5	3.3	62.8	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	5.52	10.9	7.4	4.0	2.0	3.89	5.72	6.73	
02	5.43	11.7	7.7	3.7	1.6	3.01	4.15	7.16	
03	5.59	11.7	7.8	4.0	1.6	4.24	5.30	6.92	
04	5.40	10.1	7.3	3.4	1.4	3.90	5.52	6.92	
05	4.85	11.0	7.0	3.2	1.3	2.89	4.72	5.57	
06	4.76	11.4	8.5	3.1	1.3	2.97	4.43	6.45	
07	4.89	11.3	7.7	3.4	1.3	3.30	4.34	5.68	
08	3.93	9.8	5.7	3.0	1.3	2.98	3.89	4.71	
09	3.77	8.2	5.1	2.3	1.2	2.15	3.54	5.00	
10	4.02	9.2	5.8	3.0	1.5	2.12	3.62	5.75	
11	4.61	10.4	6.8	3.2	1.3	3.22	4.35	5.84	
12	6.29	12.0	8.1	4.5	2.0	4.26	5.66	7.41	
Summary	59.06	127.7	84.9	40.8	17.8	38.93	55.24	74.14	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	0.50	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.50	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
03	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.00	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.3	0.6	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	171.4	217.9	444.8	669.4	942.4	1132.4	1270.9	1250.7	1040.9	733.7	383.3	215.1
45	93.7	127.7	309.5	521.2	787.4	982.4	1115.9	1095.7	890.9	579.8	256.1	124.3
50	46.4	64.1	193.3	378.8	632.5	832.4	960.9	940.7	740.9	429.8	152.0	64.4
55	19.0	27.0	105.0	248.2	478.8	682.4	806.0	785.8	591.0	290.2	75.8	28.1
60	5.8	8.7	46.6	139.5	331.0	532.5	650.9	630.7	442.7	171.1	30.1	9.6
Growing Degree Units for Corn (Monthly)												
50/86	89.3	121.6	259.2	416.6	628.5	789.4	891.3	869.5	709.5	462.8	222.7	112.2

Growing Degree Units (Accumulated Monthly)												
40	171	389	834	1504	2446	3578	4849	6100	7141	7875	8258	8473
45	94	221	531	1052	1840	2822	3938	5034	5924	6504	6760	6885
50	46	110	304	683	1315	2148	3108	4049	4790	5220	5372	5436
55	19	46	151	399	878	1560	2366	3152	3743	4033	4109	4137
60	6	14	61	201	532	1064	1715	2346	2788	2959	2990	2999
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	89	211	470	887	1515	2305	3196	4065	4775	5238	5460	5573

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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