

Summary of Monthly Normals
1991-2020

Generated on 05/05/2024

Current Location: Elev: 578 ft. Lat: 34.3344° N Lon: 86.3297° W
Station: GUNTERSVILLE, AL US USC00013573

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	50.4	33.1	41.8	4.0	4.0	3.9	11.9	6.8	2.4	0.1	0.0	0.0	422.4	479.4	567.9	720.7	0.0	0.0	17.4	1.8	16.2	0.0
02	54.8	35.8	45.3	4.3	3.8	3.9	18.5	11.8	5.5	0.8	0.0	0.0	290.0	339.3	417.0	552.4	0.0	0.0	19.4	0.5	11.8	0.0
03	63.3	42.8	53.0	4.4	3.8	4.0	85.8	61.5	34.4	8.8	1.0	0.3	146.3	184.0	249.9	379.3	0.0	0.0	28.1	0.1	4.9	0.0
04	71.9	50.4	61.2	2.8	3.0	2.8	218.0	173.0	114.5	44.3	9.0	3.2	33.5	48.4	80.0	159.8	0.0	0.0	29.6	0.0	0.4	0.0
05	79.5	59.7	69.6	2.5	2.8	2.5	454.1	394.0	306.7	175.7	74.2	44.8	1.5	3.4	9.1	33.2	0.0	1.4	31.0	0.0	0.0	0.0
06	86.1	68.1	77.1	2.5	1.7	1.9	662.9	602.9	512.9	363.5	218.6	163.8	0.0	0.0	0.0	0.6	0.1	9.3	30.0	0.0	0.0	0.0
07	88.9	71.6	80.3	2.4	1.5	1.8	782.7	720.7	627.7	472.7	317.9	256.3	0.0	0.0	0.0	0.0	0.3	15.5	31.0	0.0	0.0	0.0
08	88.7	71.1	79.9	2.8	2.2	2.3	771.8	709.8	616.8	461.8	307.5	246.6	0.0	0.0	0.0	0.0	0.3	15.7	31.0	0.0	0.0	0.0
09	83.9	65.4	74.7	3.6	2.5	2.7	589.4	529.6	440.3	295.6	165.6	120.8	0.0	0.2	0.9	6.2	0.0	6.4	30.0	0.0	0.0	0.0
10	73.6	53.5	63.5	2.7	2.9	2.4	286.3	235.1	166.2	77.1	24.8	14.2	21.2	32.1	56.1	122.0	0.0	0.4	30.9	0.0	0.1	0.0
11	62.0	42.3	52.1	4.3	3.4	3.6	65.8	45.7	25.1	7.6	1.1	0.2	151.2	191.1	260.5	393.0	0.0	0.0	27.3	0.0	5.2	0.0
12	53.3	36.3	44.8	4.0	4.2	4.0	20.9	13.3	6.1	1.4	0.1	0.0	337.1	391.4	477.2	627.5	0.0	0.0	20.7	0.4	13.5	0.0
Summary	71.4	52.5	61.9	3.4	3.0	3.0	3968	3504	2859	1909	1120	850	1403	1669	2119	2995	0.7	48.7	326.4	2.8	52.1	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	5.31	11.9	7.5	3.5	1.5	3.41	5.27	6.93	
02	5.40	12.4	7.6	3.6	1.5	3.56	5.41	6.65	
03	5.65	12.5	8.2	4.1	1.7	3.92	5.47	6.82	
04	4.99	10.7	7.2	3.6	1.6	3.17	4.83	6.26	
05	4.56	10.3	6.4	2.8	1.2	2.44	4.49	5.88	
06	4.73	10.9	7.9	3.5	1.6	3.31	4.73	6.14	
07	4.31	11.4	7.3	3.3	1.1	2.26	3.42	5.72	
08	4.02	9.9	5.8	2.6	1.2	2.72	3.63	5.05	
09	4.16	7.8	4.7	2.4	1.2	1.90	4.16	5.87	
10	3.48	7.7	4.7	2.3	1.0	1.25	3.03	5.17	
11	4.19	9.9	6.1	2.9	1.5	2.71	4.04	4.79	
12	5.97	12.7	8.3	4.0	2.0	4.03	5.43	7.19	
Summary	56.77	128.1	81.7	38.6	17.1	34.68	53.91	72.47	

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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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.50	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
03	0.10	0.2	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	0.7	0.6	0.2	0.1	0.0	0.0	0.2	0.1	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	151.7	194.2	416.1	634.9	917.6	1112.9	1247.7	1236.8	1039.4	730.2	373.1	199.9
45	78.0	107.4	280.8	487.3	762.6	962.9	1092.7	1081.8	889.4	576.2	244.0	110.7
50	34.4	49.9	168.4	345.8	607.6	812.9	937.7	926.8	739.4	426.6	139.2	53.5
55	11.9	18.5	85.8	218.0	454.1	662.9	782.7	771.8	589.4	286.3	65.8	20.9
60	2.4	5.5	34.4	114.5	306.7	512.9	627.7	616.8	440.3	166.2	25.1	6.1
Growing Degree Units for Corn (Monthly)												
50/86	76.9	108.8	235.7	385.0	608.0	782.4	881.6	871.9	715.9	453.5	207.6	99.3
Growing Degree Units (Accumulated Monthly)												
40	152	346	762	1397	2314	3427	4675	5912	6951	7682	8055	8255
45	78	185	466	954	1716	2679	3772	4854	5743	6319	6563	6674
50	34	84	253	598	1206	2019	2957	3884	4623	5050	5189	5242
55	12	30	116	334	788	1451	2234	3006	3595	3881	3947	3968
60	2	8	42	157	464	976	1604	2221	2661	2827	2852	2859
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	77	186	421	806	1414	2197	3078	3950	4666	5120	5327	5427

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