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

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

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

Current Location: Elev: 237 ft. Lat: 33.7608° N Lon: 89.8136° W

Station: **GRENADA, MS US USC00223645**

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	53.8	31.3	42.6	4.1	4.3	4.0	21.6	15.1	8.1	1.7	0.2	0.0	407.4	462.9	548.8	697.5	0.0	0.0	18.0	1.1	19.1	0.0
02	58.3	33.9	46.1	4.2	3.6	3.7	30.9	21.3	11.0	2.6	0.5	0.2	279.9	326.4	400.0	531.7	0.0	0.0	20.0	0.4	15.5	0.0
03	67.4	41.3	54.3	4.1	3.7	3.8	114.0	86.1	52.5	17.1	3.0	1.4	134.2	168.3	227.8	347.4	0.0	0.0	28.3	0.1	7.7	0.0
04	75.1	49.2	62.1	2.8	3.5	3.0	248.3	203.0	142.1	64.4	19.3	9.8	33.7	48.5	77.6	149.8	0.0	0.2	29.9	0.0	0.9	0.0
05	81.8	58.8	70.3	1.9	3.1	2.3	475.5	415.1	327.4	196.0	90.9	58.4	1.2	2.8	8.1	31.6	0.0	1.4	31.0	0.0	0.0	0.0
06	88.8	67.1	78.0	2.3	2.1	2.0	688.3	628.4	538.3	388.8	243.9	188.9	0.0	0.0	0.0	0.4	0.0	10.2	30.0	0.0	0.0	0.0
07	91.5	70.3	80.9	2.2	2.0	1.8	802.8	740.8	647.8	492.8	338.2	276.8	0.0	0.0	0.0	0.0	0.4	19.1	31.0	0.0	0.0	0.0
08	91.5	68.7	80.1	3.1	1.9	2.3	778.0	716.0	623.0	468.0	314.2	254.5	0.0	0.0	0.0	0.0	2.2	19.2	31.0	0.0	0.0	0.0
09	87.4	62.2	74.8	3.3	2.7	2.6	593.9	534.1	445.0	301.7	171.3	126.9	0.1	0.3	1.2	7.9	0.1	8.4	30.0	0.0	0.0	0.0
10	77.2	49.7	63.4	2.9	3.0	2.2	289.7	239.9	173.1	85.6	31.1	17.8	27.6	39.9	66.1	133.6	0.0	0.8	30.9	0.0	1.6	0.0
11	65.5	39.5	52.5	4.5	3.7	3.8	84.9	62.4	36.9	12.0	2.1	0.8	159.7	197.3	261.8	386.9	0.0	0.0	27.3	0.0	9.0	0.0
12	56.8	34.0	45.4	3.8	4.1	3.8	32.0	21.7	11.4	3.1	0.6	0.2	329.5	381.2	463.8	610.6	0.0	0.0	21.7	0.3	16.6	0.0
Summary	74.6	50.5	62.5	3.3	3.1	2.9	4160	3684	3017	2034	1215	936	1373	1628	2055	2897	2.7	59.3	329.1	1.9	70.4	0.0

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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	5.08	9.9	7.5	3.6	1.5	3.43	5.13	6.39
02	5.78	9.3	7.2	3.5	1.8	3.48	4.60	8.19
03	5.61	9.6	7.4	3.9	1.9	3.81	5.11	6.50
04	6.42	8.6	6.7	3.9	2.4	3.83	6.86	7.84
05	5.53	8.7	6.9	3.6	1.7	2.98	4.69	7.72
06	4.85	8.1	6.5	3.2	1.5	2.29	4.20	7.70
07	5.43	8.1	6.6	3.0	1.4	2.97	5.22	6.07
08	3.58	7.1	5.4	2.5	1.2	2.07	3.28	5.08
09	4.36	5.9	4.4	2.4	1.4	2.38	4.27	6.64
10	3.56	6.4	4.6	2.1	1.3	1.70	3.28	4.94
11	4.84	7.7	6.1	3.4	1.4	2.88	4.37	6.12
12	6.49	9.3	7.7	3.9	1.9	4.51	6.22	7.93
Summary	61.53	98.7	77.0	39.0	19.4	36.33	57.23	81.12

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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	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
02	0.40	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	0.20	0.1	0.1	0.0	0.0	0.0	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.1	0.4	0.4	0.1	0.0	0.0	0.4	0.2	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	170.0	215.9	455.6	664.7	939.3	1138.3	1267.8	1242.9	1043.7	727.7	387.8	220.5
45	94.1	127.7	319.3	516.7	784.3	988.2	1112.7	1087.9	893.7	574.4	262.7	128.6
50	46.7	67.8	204.1	375.7	629.3	838.2	957.7	932.9	743.7	426.1	161.0	69.3
55	21.6	30.9	114.0	248.3	475.5	688.3	802.8	778.0	593.9	289.7	84.9	32.0
60	8.1	11.0	52.5	142.1	327.4	538.3	647.8	623.0	445.0	173.1	36.9	11.4
Growing Degree Units for Corn (Monthly)												
50/86	111.9	146.1	292.8	428.8	625.8	779.9	869.1	839.6	696.3	478.3	253.8	139.5
Growing Degree Units (Accumulated Monthly)												
40	170	386	842	1506	2446	3584	4852	6094	7138	7866	8254	8474
45	94	222	541	1058	1842	2830	3943	5031	5925	6499	6762	6890
50	47	114	319	694	1324	2162	3120	4052	4796	5222	5383	5453
55	22	52	166	415	890	1579	2381	3159	3753	4043	4128	4160
60	8	19	72	214	541	1079	1727	2350	2795	2968	3005	3017
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	112	258	551	980	1605	2385	3254	4094	4790	5269	5522	5662

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

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