

## Summary of Monthly Normals 1991-2020

Generated on 07/16/2024

Current Location: Elev: 310 ft. Lat: 34.1583° N Lon: 89.6311° W  
 Station: **WATER VALLEY, MS US USC00229400**

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	52.6	29.7	41.2	3.3	4.8	3.8	16.8	11.2	5.1	0.8	0.1	0.0	446.0	502.3	589.3	740.0	0.0	0.0	19.0	1.4	20.8	0.0
02	57.4	32.1	44.8	4.2	4.0	3.9	20.3	13.0	6.0	1.1	0.1	0.0	307.1	355.8	432.8	568.0	0.0	0.0	20.9	0.4	15.5	0.0
03	66.2	40.0	53.1	4.4	3.9	4.0	89.9	64.8	35.9	9.6	1.4	0.4	148.8	185.8	249.9	378.5	0.0	0.0	28.7	0.1	8.7	0.0
04	74.2	47.6	60.9	2.5	2.9	2.6	214.3	170.2	113.7	46.1	11.6	5.0	37.2	53.2	86.6	169.1	0.0	0.0	29.8	0.0	1.7	0.0
05	81.6	57.6	69.6	2.4	3.2	2.5	454.4	394.3	307.4	177.3	77.6	48.8	1.9	3.8	9.8	34.7	0.0	2.0	31.0	0.0	0.0	0.0
06	88.2	66.2	77.2	2.4	2.2	2.0	665.8	605.8	515.8	366.4	222.0	167.7	0.0	0.0	0.0	0.5	0.2	13.1	30.0	0.0	0.0	0.0
07	90.4	69.6	80.0	2.2	1.7	1.9	775.0	713.0	620.0	465.0	310.1	248.6	0.0	0.0	0.0	0.0	0.4	20.6	31.0	0.0	0.0	0.0
08	91.2	68.4	79.8	3.2	2.4	2.6	768.6	706.6	613.6	458.7	304.8	244.7	0.0	0.0	0.0	0.0	1.4	20.9	31.0	0.0	0.0	0.0
09	86.2	61.3	73.7	2.9	2.7	2.4	562.5	502.9	414.5	273.8	150.6	108.8	0.1	0.5	2.2	11.3	0.2	10.3	30.0	0.0	0.0	0.0
10	76.0	49.1	62.6	2.9	3.1	2.4	264.1	216.8	153.6	73.1	24.0	13.0	30.0	44.8	74.6	149.0	0.0	1.7	30.9	0.0	1.2	0.0
11	64.2	38.3	51.3	4.1	3.6	3.4	60.6	42.5	23.5	6.7	0.8	0.2	173.0	214.9	285.9	419.2	0.0	0.0	27.6	0.0	10.3	0.0
12	55.2	32.6	43.9	3.6	3.5	3.4	21.4	13.9	7.2	2.0	0.4	0.1	365.4	419.8	506.2	656.1	0.0	0.0	21.4	0.5	17.5	0.0
Summary	73.6	49.4	61.5	3.2	3.2	2.9	3914	3455	2816	1881	1104	837	1510	1781	2237	3126	2.2	68.6	331.3	2.4	75.7	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	5.32	9.2	7.3	3.5	1.7	2.72	4.99	7.50	
02	5.14	8.4	6.9	3.6	1.6	2.79	3.72	6.32	
03	5.32	9.5	7.5	3.9	2.3	3.86	5.26	6.86	
04	6.31	8.5	7.0	4.1	2.2	3.90	5.92	8.19	
05	5.08	8.8	7.0	3.7	1.9	2.81	5.04	6.55	
06	5.12	8.0	6.5	3.2	1.7	3.09	4.79	5.90	
07	4.88	8.0	7.0	3.5	1.7	2.95	4.56	6.35	
08	3.96	6.8	5.2	3.1	1.5	2.69	4.07	5.19	
09	3.55	5.6	3.8	2.2	1.0	1.00	3.54	4.91	
10	3.66	6.1	4.5	2.3	1.4	1.93	3.03	4.48	
11	4.56	7.7	5.9	3.2	1.6	2.31	3.56	6.23	
12	5.67	9.2	7.1	3.7	1.8	4.42	5.38	6.84	
Summary	58.57	95.8	75.7	40.0	20.4	34.47	53.86	75.32	

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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	0.80	0.5	0.4	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.00	0.00	1.50
02	0.30	0.3	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.00	0.00	0.00
03	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
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	0.10	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.2	1.0	0.4	0.0	0.0	0.0	1.2	0.1	0.0	0.0	0.0	0.0	1.5

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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	147.1	189.4	417.9	627.4	917.6	1115.8	1239.9	1233.6	1012.3	699.8	351.4	188.7
45	78.6	106.6	284.5	480.0	762.6	965.7	1084.9	1078.5	862.3	546.4	227.7	105.6
50	38.5	51.9	173.6	339.7	607.8	815.8	929.9	923.6	712.3	398.2	128.8	53.1
55	16.8	20.3	89.9	214.3	454.4	665.8	775.0	768.6	562.5	264.1	60.6	21.4
60	5.1	6.0	35.9	113.7	307.4	515.8	620.0	613.6	414.5	153.6	23.5	7.2
Growing Degree Units for Corn (Monthly)												
50/86	101.3	135.6	272.1	405.9	609.5	766.2	854.9	835.4	676.2	454.9	231.4	122.1

Growing Degree Units (Accumulated Monthly)												
40	147	336	754	1382	2299	3415	4655	5889	6901	7601	7952	8141
45	79	185	470	950	1712	2678	3763	4841	5704	6250	6478	6583
50	38	90	264	604	1212	2027	2957	3881	4593	4991	5120	5173
55	17	37	127	341	796	1462	2236	3005	3568	3832	3892	3914
60	5	11	47	161	468	984	1604	2218	2632	2786	2809	2816
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	101	237	509	915	1524	2291	3146	3981	4657	5112	5343	5466

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

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