

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 951 ft. Lat: 35.9117° N Lon: 92.6564° W
Station: MARSHALL, AR US USC00034666

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	47.2	25.9	36.6	3.6	3.5	3.3	6.2	3.8	1.6	0.2	0.0	0.0	577.8	637.4	728.3	882.0	0.0	0.0	14.3	4.2	22.7	0.1
02	51.8	29.3	40.6	5.0	4.5	4.6	11.0	6.7	2.9	0.5	0.0	0.0	415.5	467.2	547.4	685.0	0.0	0.0	16.3	2.5	17.3	0.1
03	60.5	36.7	48.6	5.2	4.8	4.8	51.2	36.6	20.3	5.6	0.4	0.0	249.6	297.0	373.7	514.0	0.0	0.0	25.2	0.3	9.4	0.0
04	69.9	45.4	57.6	2.9	3.1	2.9	153.9	118.6	75.5	27.5	5.1	1.9	74.4	99.2	146.1	248.0	0.0	0.1	29.0	0.0	2.1	0.0
05	76.8	55.1	66.0	2.7	3.0	2.6	348.2	292.7	215.4	109.6	38.3	21.2	8.8	15.2	31.0	80.2	0.0	0.6	30.9	0.0	0.0	0.0
06	84.8	63.4	74.1	2.6	2.5	2.4	572.9	513.0	423.5	278.1	148.2	104.4	0.1	0.2	0.6	5.1	0.2	6.8	30.0	0.0	0.0	0.0
07	89.2	67.6	78.4	3.0	2.5	2.5	725.2	663.2	570.2	415.4	264.2	207.1	0.0	0.0	0.0	0.1	1.4	16.7	31.0	0.0	0.0	0.0
08	89.0	66.0	77.5	4.0	2.8	3.0	697.2	635.2	542.4	388.5	241.2	187.2	0.0	0.0	0.1	1.1	1.4	15.6	31.0	0.0	0.0	0.0
09	82.0	57.9	69.9	3.1	3.5	2.9	452.1	394.6	311.0	185.9	88.7	59.2	3.7	6.2	12.6	37.5	0.1	5.9	30.0	0.0	0.0	0.0
10	71.6	47.0	59.3	2.5	2.6	2.1	194.9	155.8	105.3	43.5	12.3	6.2	61.6	84.5	127.0	220.2	0.0	0.1	30.1	0.0	1.9	0.0
11	59.8	37.6	48.7	4.5	3.7	3.9	48.5	34.2	18.9	4.7	0.5	0.1	237.5	283.2	357.9	493.7	0.0	0.0	24.6	0.1	10.1	0.0
12	50.0	29.4	39.7	3.6	3.1	3.2	10.2	6.4	2.6	0.3	0.0	0.0	484.3	542.4	631.7	784.5	0.0	0.0	16.7	1.7	19.9	0.0
Summary	69.4	46.8	58.1	3.6	3.3	3.2	3272	2861	2290	1460	799	587	2113	2432	2956	3951	3.1	45.8	309.1	8.8	83.4	0.2

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	3.20	7.1	5.2	2.3	1.1	1.68	3.39	4.37
02	3.33	6.9	5.5	2.5	1.2	1.74	2.73	4.42
03	4.83	8.6	6.9	3.6	1.6	2.86	3.83	5.29
04	5.32	8.3	6.3	3.0	1.9	3.59	5.10	6.11
05	5.06	9.4	6.8	3.3	1.5	3.07	4.64	6.27
06	3.68	7.0	5.2	2.2	1.1	2.47	3.54	4.14
07	3.48	7.2	5.7	2.5	0.9	2.16	2.94	4.45
08	3.16	6.7	4.8	1.9	1.0	1.57	3.15	4.13
09	3.67	5.9	4.7	2.2	1.1	1.57	3.07	4.60
10	3.80	7.6	5.7	2.6	1.5	2.41	3.57	5.39
11	4.35	7.0	5.7	3.1	1.6	2.28	3.05	6.54
12	3.59	7.2	5.3	2.3	1.0	2.25	3.32	4.82
Summary	47.47	88.9	67.8	31.5	15.5	27.65	42.33	60.53

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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	0.90	0.7	0.4	0.1	0.0	0.0	1.5	0.5	0.4	0.0	0.00	0.00	1.40
02	1.10	0.8	0.6	0.3	0.1	0.0	0.5	0.1	0.0	0.0	0.00	0.00	0.90
03	1.10	0.4	0.3	0.2	0.2	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.30
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	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	0.80	0.4	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.70
Summary	4.0	2.4	1.7	0.7	0.3	0.0	2.5	0.7	0.4	0.0	0.0	0.0	3.3

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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	89.5	131.1	304.4	533.4	804.4	1022.8	1190.2	1162.2	898.4	600.5	291.0	118.4
45	43.3	70.6	192.1	391.5	649.7	872.9	1035.3	1007.3	748.5	451.4	182.5	60.4
50	18.0	31.8	107.1	262.3	496.3	722.9	880.2	852.3	599.2	313.1	101.6	27.5
55	6.2	11.0	51.2	153.9	348.2	572.9	725.2	697.2	452.1	194.9	48.5	10.2
60	1.6	2.9	20.3	75.5	215.4	423.5	570.2	542.4	311.0	105.3	18.9	2.6
Growing Degree Units for Corn (Monthly)												
50/86	63.8	89.8	195.6	334.6	517.1	698.5	814.4	782.8	593.9	380.4	177.5	75.1
Growing Degree Units (Accumulated Monthly)												
40	90	221	525	1058	1863	2886	4076	5238	6136	6737	7028	7146
45	43	114	306	698	1347	2220	3255	4263	5011	5463	5645	5705
50	18	50	157	419	916	1638	2519	3371	3970	4283	4385	4412
55	6	17	68	222	570	1143	1869	2566	3018	3213	3261	3272
60	2	4	25	100	316	739	1309	1852	2163	2268	2287	2290
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	64	154	349	684	1201	1899	2714	3497	4091	4471	4648	4724

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