

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 460 ft. Lat: 34.0783° N Lon: 93.7019° W
Station: MURFREESBORO 1W, AR US USC00035079

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	51.4	28.6	40.0	3.4	3.7	3.3	8.9	5.4	2.4	0.4	0.0	0.0	473.7	532.3	622.2	775.3	0.0	0.0	17.9	1.1	20.6	0.0
02	56.0	31.6	43.8	4.1	3.2	3.3	12.3	7.0	2.8	0.4	0.0	0.0	325.8	376.5	456.3	593.9	0.0	0.0	20.6	0.8	14.9	0.0
03	64.3	38.5	51.4	3.8	3.6	3.5	63.4	43.8	22.7	4.6	0.4	0.1	175.0	217.4	289.3	426.2	0.0	0.0	27.9	0.0	8.5	0.0
04	72.0	46.0	59.0	2.9	3.1	2.8	167.3	127.6	78.4	26.2	4.2	1.1	47.3	67.5	108.4	206.2	0.0	0.0	29.7	0.0	1.6	0.0
05	78.9	56.3	67.6	2.4	2.1	2.0	394.0	335.1	250.8	128.1	42.4	20.6	3.4	6.5	15.2	47.6	0.0	0.7	31.0	0.0	0.0	0.0
06	86.0	64.3	75.2	2.7	2.1	2.2	604.5	544.5	454.7	306.0	164.5	113.5	0.0	0.1	0.3	1.5	0.1	8.2	30.0	0.0	0.0	0.0
07	90.4	67.7	79.1	3.1	1.6	2.1	745.5	683.5	590.5	435.7	281.9	222.0	0.0	0.0	0.0	0.2	1.0	19.0	31.0	0.0	0.0	0.0
08	90.7	67.0	78.9	4.3	2.2	2.9	739.2	677.2	584.2	429.4	277.2	219.1	0.0	0.0	0.0	0.1	2.7	18.1	31.0	0.0	0.0	0.0
09	84.9	60.0	72.5	3.5	2.7	2.5	523.8	464.4	376.8	239.2	121.7	84.0	0.4	1.1	3.5	15.7	0.5	7.0	30.0	0.0	0.0	0.0
10	74.3	47.8	61.1	3.1	2.4	2.0	225.2	179.6	121.4	50.8	14.2	7.0	37.6	54.1	88.8	173.3	0.0	0.5	30.9	0.0	1.5	0.0
11	62.5	37.7	50.1	4.2	3.4	3.5	53.7	37.2	19.6	4.9	0.6	0.1	200.7	244.2	316.6	451.9	0.0	0.0	26.7	0.0	9.9	0.0
12	53.8	30.9	42.4	3.5	3.3	3.0	13.9	8.8	4.0	0.7	0.0	0.0	405.9	462.8	551.0	702.8	0.0	0.0	20.0	0.7	18.5	0.0
Summary	72.1	48.0	60.1	3.4	2.8	2.8	3552	3114	2508	1626	907	668	1670	1962	2452	3395	4.3	53.5	326.7	2.6	75.5	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	4.24	9.2	6.6	3.1	1.2	2.81	3.75	5.10	
02	4.39	8.8	6.6	2.9	1.2	2.79	3.71	5.47	
03	5.90	9.8	7.8	3.4	1.6	3.52	6.01	7.78	
04	5.99	9.0	7.4	4.1	2.0	4.10	5.41	7.47	
05	6.41	9.0	7.1	3.7	1.8	3.63	6.13	8.06	
06	3.80	7.6	5.7	2.5	1.1	1.93	3.65	4.99	
07	4.50	7.3	5.7	2.6	1.4	1.49	4.02	6.33	
08	3.86	6.6	5.4	2.7	1.5	1.56	2.95	5.87	
09	4.13	6.3	4.6	2.5	1.5	2.06	3.12	5.62	
10	5.22	7.8	5.7	3.3	1.8	1.96	5.16	6.70	
11	4.65	8.6	6.5	3.2	1.3	2.48	3.88	5.92	
12	5.26	9.2	6.3	3.1	1.4	3.35	5.11	7.15	
Summary	58.35	99.2	75.4	37.1	17.8	31.68	52.90	76.46	

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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	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
02	0.40	0.2	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.00
03	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.4	0.5	0.4	0.0	0.0	0.0	0.5	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	112.6	164.0	368.3	570.6	855.5	1054.4	1210.4	1204.1	973.3	653.5	320.0	151.4
45	54.2	86.9	239.2	423.8	700.6	904.4	1055.4	1049.1	823.3	500.9	202.1	77.9
50	23.6	37.4	135.3	285.7	546.2	754.4	900.5	894.2	673.4	356.0	113.1	36.2
55	8.9	12.3	63.4	167.3	394.0	604.5	745.5	739.2	523.8	225.2	53.7	13.9
60	2.4	2.8	22.7	78.4	250.8	454.7	590.5	584.2	376.8	121.4	19.6	4.0
Growing Degree Units for Corn (Monthly)												
50/86	84.2	118.3	240.0	361.7	558.8	726.2	821.8	805.6	646.4	420.6	207.4	104.7
Growing Degree Units (Accumulated Monthly)												
40	113	277	645	1216	2071	3125	4336	5540	6513	7167	7487	7638
45	54	141	380	804	1505	2409	3464	4514	5337	5838	6040	6118
50	24	61	196	482	1028	1783	2683	3577	4251	4607	4720	4756
55	9	21	85	252	646	1250	1996	2735	3259	3484	3538	3552
60	2	5	28	106	357	812	1402	1986	2363	2485	2504	2508
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	84	202	442	804	1363	2089	2911	3717	4363	4784	4991	5096

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