

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 289 ft. Lat: 36.6206° N Lon: 90.8125° W

Station: **DONIPHAN, MO US USC00232289**

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	45.9	24.4	35.1	3.7	4.1	3.6	4.3	2.7	1.1	0.0	0.0	0.0	619.5	679.8	771.3	925.3	0.0	0.0	12.5	4.0	25.6	0.5
02	50.7	27.2	39.0	4.3	4.1	4.0	6.0	3.5	1.5	0.3	0.0	0.0	455.3	508.8	590.8	729.7	0.0	0.0	15.5	1.9	21.2	0.2
03	60.1	34.7	47.4	4.4	4.3	4.1	39.1	27.0	14.5	3.4	0.3	0.0	274.7	324.6	405.1	549.0	0.0	0.0	25.8	0.3	14.6	0.0
04	70.4	44.2	57.3	3.0	3.6	3.1	143.2	109.6	68.1	24.1	4.7	1.9	74.2	100.7	149.2	255.1	0.0	0.2	29.5	0.0	4.8	0.0
05	77.9	54.5	66.2	2.6	3.7	2.8	352.5	295.8	218.2	112.1	39.9	22.2	5.3	10.6	26.0	74.9	0.0	1.5	30.9	0.0	0.3	0.0
06	86.0	63.6	74.8	2.3	2.5	2.2	593.8	533.9	444.4	298.3	164.0	118.0	0.0	0.1	0.5	4.4	0.1	10.5	30.0	0.0	0.0	0.0
07	89.6	68.0	78.8	2.5	2.5	2.3	737.7	675.7	582.7	427.8	274.9	216.8	0.0	0.0	0.0	0.0	1.3	17.5	31.0	0.0	0.0	0.0
08	88.9	66.3	77.6	3.2	2.7	2.7	700.4	638.4	545.4	391.1	241.9	186.7	0.0	0.0	0.0	0.6	1.2	15.9	31.0	0.0	0.0	0.0
09	82.4	57.7	70.0	3.1	3.3	2.9	453.0	394.8	310.4	183.1	86.4	58.1	1.6	3.4	9.0	31.7	0.1	5.6	30.0	0.0	0.0	0.0
10	71.5	44.7	58.1	3.0	2.5	2.1	159.1	121.3	76.1	28.4	7.2	3.4	62.9	87.2	135.0	242.3	0.0	0.2	30.8	0.0	4.8	0.0
11	58.6	34.6	46.6	4.5	3.8	3.8	27.5	17.9	8.4	1.5	0.1	0.0	279.4	329.9	410.4	553.5	0.0	0.0	24.2	0.1	15.2	0.0
12	48.0	27.6	37.8	3.7	3.9	3.6	5.0	3.0	1.0	0.1	0.0	0.0	538.0	597.9	689.0	843.1	0.0	0.0	13.5	2.0	22.8	0.1
Summary	69.2	45.6	57.4	3.4	3.4	3.1	3222	2824	2272	1470	819	607	2311	2643	3186	4210	2.7	51.4	304.7	8.3	109.3	0.8

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	3.41	7.9	5.2	2.2	0.8	2.09	3.31	4.89
02	3.81	7.0	4.9	2.4	1.0	2.31	3.19	4.58
03	4.66	9.2	7.3	3.3	1.3	3.06	4.04	5.21
04	5.59	8.7	6.5	3.4	1.9	3.89	5.07	6.73
05	5.69	9.7	7.8	3.5	1.5	4.21	5.35	7.33
06	3.52	7.9	6.0	2.5	0.9	1.89	3.44	4.58
07	4.63	7.8	5.8	2.9	1.6	3.22	4.29	5.54
08	3.77	6.9	5.0	2.0	1.1	1.98	2.86	4.32
09	3.70	6.3	4.7	2.4	1.1	2.34	3.26	4.45
10	3.86	7.4	5.5	2.6	1.1	1.74	3.19	5.90
11	4.87	8.0	6.2	3.5	1.7	2.25	4.64	6.29
12	4.15	8.1	6.4	3.4	1.0	2.62	3.14	5.47
Summary	51.66	94.9	71.3	34.1	15.0	31.60	45.78	65.29

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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	1.70	1.2	0.7	0.2	0.2	0.0	2.8	0.8	0.6	0.0	0.00	0.30	2.50
02	2.40	1.0	0.8	0.4	0.2	0.0	2.3	0.8	0.2	0.0	0.00	0.50	3.50
03	2.00	0.4	0.4	0.2	0.2	0.0	0.5	0.4	0.2	0.1	0.00	0.00	0.50
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	0.10	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	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
12	1.40	0.9	0.6	0.2	0.0	0.0	2.0	0.5	0.2	0.0	0.00	0.30	2.00
Summary	7.7	3.6	2.5	1.0	0.6	0.0	7.7	2.5	1.2	0.1	0.0	1.1	8.5

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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	60.6	94.5	266.3	520.7	812.2	1043.7	1202.6	1165.2	901.3	562.7	235.6	81.5
45	27.1	44.1	161.4	377.3	657.4	893.8	1047.6	1010.3	751.3	412.5	137.7	36.4
50	11.8	17.8	85.4	247.7	503.1	743.8	892.6	855.3	601.4	274.5	68.0	14.8
55	4.3	6.0	39.1	143.2	352.5	593.8	737.7	700.4	453.0	159.1	27.5	5.0
60	1.1	1.5	14.5	68.1	218.2	444.4	582.7	545.4	310.4	76.1	8.4	1.0
Growing Degree Units for Corn (Monthly)												
50/86	48.8	77.6	185.1	337.3	527.9	710.4	823.3	792.6	594.2	364.9	155.4	51.8

Growing Degree Units (Accumulated Monthly)												
40	61	155	421	942	1754	2798	4001	5166	6067	6630	6865	6947
45	27	71	233	610	1267	2161	3209	4219	4970	5383	5520	5557
50	12	30	115	363	866	1610	2502	3358	3959	4233	4301	4316
55	4	10	49	193	545	1139	1877	2577	3030	3189	3217	3222
60	1	3	17	85	303	748	1330	1876	2186	2262	2271	2272
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	49	126	312	649	1177	1887	2710	3503	4097	4462	4617	4669

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