

# USGS 07160000 Cimarron River near Guthrie, OK

Time-series: Monthly statistics

GO

Logan County, Oklahoma  
 Hydrologic Unit Code 11050002  
 Latitude 35°55'14", Longitude 97°25'32" NAD27  
 Drainage area 17,006 square miles  
 Contributing drainage area 12,932 square miles  
 Gage datum 896.50 feet above NGVD29

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## 00060, Discharge, cubic feet per second,

Monthly mean in ft<sup>3</sup>/s (Calculation Period: 1937-10-01 -> 2016-09-30)

### YEAR

### Period-of-record for statistical calculation restricted by user

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>1937</b>										250.0	40.0	25.0
<b>1938</b>	29.1	104.5	391.0	908.3	5,846	3,139	479.0	1,155	769.1	64.5	304.9	61.2
<b>1939</b>	162.0	148.9	136.2	1,049	533.6	939.9	388.4	187.1	10.2	3.40	1.77	3.49
<b>1940</b>	6.38	103.7	48.3	242.4	494.1	503.4	654.3	604.5	254.9	49.6	329.2	177.0
<b>1941</b>	165.4	220.8	175.8	1,499	4,046	2,790	576.4	406.8	825.1	5,664	1,358	568.2
<b>1942</b>	363.7	453.6	505.0	8,184	1,307	1,356	542.9	956.3	864.8	921.8	264.4	389.4
<b>1943</b>	389.6	257.0	174.7	233.8	4,180	559.0	319.3	26.1	23.0	292.4	41.9	165.2
<b>1944</b>	209.3	232.9	839.5	4,049	1,640	1,371	1,207	148.7	308.7	552.7	214.7	594.2
<b>1945</b>	232.8	265.4	858.0	3,746	807.2	1,395	1,753	189.8	1,061	874.8	120.7	109.8
<b>1946</b>	249.8	377.3	276.5	218.0	194.2	691.2	537.1	86.0	247.9	844.9	675.4	206.9
<b>1947</b>	199.8	115.0	696.5	4,914	4,434	588.9	630.1	42.2	13.9	5.61	16.5	178.8
<b>1948</b>	84.8	302.9	1,182	399.2	218.4	2,994	1,283	1,832	191.8	46.0	707.2	304.1
<b>1949</b>	650.3	2,851	1,304	883.7	9,038	4,946	1,348	436.3	857.5	749.3	249.4	241.7
<b>1950</b>	276.0	270.9	160.3	93.9	1,293	654.1	4,220	4,100	1,632	407.1	222.6	263.5
<b>1951</b>	269.6	442.6	371.1	436.7	7,797	4,226	3,963	352.5	546.1	243.4	395.9	243.3
<b>1952</b>	322.7	284.3	613.0	844.7	1,063	293.1	22.3	61.5	10.1	0.787	9.29	71.1
<b>1953</b>	123.4	121.7	232.5	142.5	172.6	58.6	934.2	294.1	124.0	180.0	449.3	261.7
<b>1954</b>	102.0	129.7	125.7	86.1	1,421	251.4	9.58	38.1	8.03	5.19	0.703	1.39
<b>1955</b>	9.84	53.9	24.7	91.4	6,102	4,751	621.1	151.1	258.1	3,302	109.2	93.6
<b>1956</b>	107.7	192.4	95.1	66.5	79.6	188.1	255.6	62.9	13.3	43.4	21.4	10.1
<b>1957</b>	11.1	21.7	126.5	2,633	14,960	11,780	2,661	413.5	1,460	577.1	462.3	291.1
<b>1958</b>	317.4	297.3	555.3	728.6	400.0	3,291	1,543	865.8	910.5	173.4	153.1	201.7

<b>1959</b>	210.7	271.4	299.3	473.0	1,249	261.1	194.2	161.1	3,138	7,032	488.7	779.0
<b>1960</b>	700.3	1,773	1,121	742.4	1,743	3,051	2,000	2,307	514.9	1,737	504.5	537.3
<b>1961</b>	375.0	537.9	759.4	957.1	1,661	2,443	497.0	1,044	2,697	1,208	2,305	633.0
<b>1962</b>	582.4	635.1	360.4	479.5	276.4	3,475	735.5	903.6	1,003	385.4	273.9	438.9
<b>1963</b>	251.0	356.8	249.0	170.5	240.4	3,361	1,365	276.1	1,678	347.3	193.5	156.7
<b>1964</b>	227.2	334.7	219.8	204.6	1,170	561.5	90.5	253.1	149.2	39.8	1,956	371.8
<b>1965</b>	265.8	286.4	275.9	353.9	349.9	1,045	529.8	566.6	3,152	866.1	332.8	340.2
<b>1966</b>	285.2	413.7	319.3	209.7	117.0	108.3	64.4	294.0	615.4	113.3	58.3	60.5
<b>1967</b>	142.3	91.9	81.7	226.6	291.4	1,755	521.0	250.9	587.5	134.2	95.3	109.7
<b>1968</b>	144.0	206.7	169.2	514.7	1,134	1,040	326.8	301.8	428.0	351.3	518.1	174.8
<b>1969</b>	112.1	265.6	832.1	1,342	3,121	1,711	209.6	256.5	886.7	190.7	141.5	211.0
<b>1970</b>	176.3	183.6	200.9	1,690	375.6	180.0	31.8	137.5	625.6	233.3	54.0	63.5
<b>1971</b>	169.1	251.1	333.2	101.3	63.0	856.2	138.1	61.4	485.8	288.3	877.1	678.5
<b>1972</b>	237.6	182.8	127.6	74.7	403.1	264.0	402.9	47.4	505.9	71.9	352.9	321.0
<b>1973</b>	972.2	630.7	6,317	5,654	1,422	1,190	473.9	241.0	2,088	3,766	742.7	963.0
<b>1974</b>	623.9	1,166	2,850	1,053	2,206	1,508	117.8	916.6	1,656	738.5	6,145	700.8
<b>1975</b>	1,056	2,110	2,192	996.7	4,486	4,563	1,145	599.4	190.8	212.7	299.1	344.3
<b>1976</b>	354.5	321.9	279.4	564.6	2,239	591.9	160.3	44.3	127.4			
<b>1983</b>			1,447	2,003	4,862	3,266	743.6	240.3	462.6	3,078	755.3	339.6
<b>1984</b>	586.3	321.6	1,573	2,762	610.1	428.7	154.0	87.7	51.0	140.8	120.1	579.0
<b>1985</b>	698.4	1,651	2,388	1,427	1,315	1,452	280.7	367.9	858.6	2,167	1,201	664.2
<b>1986</b>	506.5	498.0	364.9	411.4	1,457	1,280	421.3	643.4	1,779	13,800	4,111	1,172
<b>1987</b>	1,714	4,063	6,337	1,466	5,393	4,104	2,749	521.0	1,253	512.3	405.3	976.6
<b>1988</b>	1,837	784.2	4,227	4,686	928.8	766.1	484.5	146.0	1,888	567.2	514.9	421.4
<b>1989</b>	470.5	439.1	879.7	570.6	1,358	4,557	1,452	3,157	3,988	893.0	656.0	599.6
<b>1990</b>	728.6	1,107	5,704	4,285	3,562	705.0	180.8	325.4	198.7	126.5	182.2	188.5
<b>1991</b>	271.5	231.9	215.0	282.5	611.9	725.7	325.6	221.6	973.0	264.7	851.5	2,369
<b>1992</b>	642.6	435.9	618.7	673.0	408.2	4,024	1,109	922.2	633.5	185.2	3,046	2,874
<b>1993</b>	2,266	2,661	1,737	3,213	20,630	3,342	2,637	474.6	1,033	251.1	365.5	413.7
<b>1994</b>	375.7	464.0	1,042	2,764	3,494	1,316	250.6	236.6	197.2	550.4	2,781	604.7
<b>1995</b>	496.3	389.4	1,744	1,002	2,727	14,860	1,136	4,182	1,007	616.6	371.7	421.0
<b>1996</b>	406.9	401.1	329.3	294.6	257.0	343.3	434.6	2,769	3,035	1,200	2,115	1,195
<b>1997</b>	790.9	2,790	1,001	5,023	2,262	1,613	1,670	1,048	1,530	1,174	685.0	2,500
<b>1998</b>	2,194	1,575	6,603	2,325	2,427	571.8	293.4	120.3	157.8	1,557	8,748	2,717
<b>1999</b>	1,305	1,990	3,632	9,372	3,342	6,888	3,460	773.4	479.0	357.5	630.6	2,184
<b>2000</b>	584.2	863.4	5,734	2,198	2,830	4,497	1,419	213.7	91.2	1,620	1,585	737.7
<b>2001</b>	1,352	2,858	1,965	943.2	2,691	1,332	211.8	151.2	1,346	210.2	187.9	209.8

<b>2002</b>	285.9	421.8	291.2	510.6	737.6	1,040	273.3	935.1	1,469	3,572	873.1	688.5
<b>2003</b>	652.3	536.7	947.7	891.1	1,463	1,183	163.6	59.2	194.7	656.6	150.6	190.9
<b>2004</b>	324.5	344.5	5,682	1,632	434.8	2,530	1,295	996.3	116.5	405.0	2,316	801.4
<b>2005</b>	2,011	1,425	804.2	494.0	410.1	2,866	985.6	1,604	993.5	931.4	392.2	350.5
<b>2006</b>	331.1	325.7	384.8	338.2	244.9	461.8	166.0	94.6	82.2	53.3	66.2	152.6
<b>2007</b>	268.0	242.9	1,406	2,605	4,627	10,750	9,542	3,424	1,532	1,371	479.0	738.8
<b>2008</b>	614.3	1,504	1,648	3,566	2,578	4,699	647.0	579.1	2,208	1,035	581.9	449.1
<b>2009</b>	427.3	519.9	580.1	2,101	1,663	393.3	279.1	1,181	737.1	1,632	801.3	428.5
<b>2010</b>	416.0	738.9	719.1	848.3	2,507	2,081	1,480	458.5	283.4	167.7	287.5	199.9
<b>2011</b>	184.0	330.0	276.4	155.7	783.3	177.6	43.8	31.3	31.9	131.5	786.5	338.4
<b>2012</b>	205.8	1,123	673.1	1,336	981.7	388.5	52.6	54.6	54.8	87.1	71.2	75.4
<b>2013</b>	104.1	209.1	301.2	907.6	703.8	3,258	1,773	1,842	363.2	375.8	278.3	237.3
<b>2014</b>	235.0	243.2	222.7	181.4	201.2	519.3	644.5	223.9	75.6	139.7	143.2	137.2
<b>2015</b>	153.1	168.5	167.8	587.5	6,414	1,565	1,398	327.2	130.6	140.8	322.8	886.3
<b>2016</b>	717.7	442.9	321.7	1,445	782.7	493.8	456.1	158.5	602.3			
<b>Mean of monthly Discharge</b>	491	686	1,200	1,510	2,390	2,240	980	680	832	1,010	810	530

\*\* No Incomplete data have been used for statistical calculation