



U.S. Department of the Interior  
U.S. Geological Survey

# Utah Water Science Center

## *Upper Colorado River Streamflow and Reservoir Contents*

*Provisional Data for:*

***November***

***2015***

*On the Web at: [http://ut.water.usgs.gov/reports/ucr\\_monthly.html](http://ut.water.usgs.gov/reports/ucr_monthly.html)*

PROVISIONAL DATA  
SUBJECT TO REVISION

U.S. GEOLOGICAL SURVEY  
UTAH WATER SCIENCE CENTER  
STREAMFLOW AND RESERVOIR CONTENTS IN UPPER COLORADO RIVER BASIN  
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DAYS IN  
MONTH  
30

STREAM	MONTHLY DISCHARGE (a)					MAXIMUM ft <sup>3</sup> /s	DAILY DATE	MINIMUM ft <sup>3</sup> /s	DAILY DATE
	(A)MEDIAN ft <sup>3</sup> /s	MEAN ft <sup>3</sup> /s	PERCENT 30 YEAR	TOTAL ft <sup>3</sup> /s	ACRE				
	(1981-2010)	THIS MONTH	MEDIAN	DAYS	FEET				
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	4,087	4,129	101%	123,880	245,700	4,710	1	3,700	15
		3,887	95%	116,612	231,300				
GREEN RIVER AT GREEN RIVER , UT ADJUSTED (C)	2,985	3,786	127%	113,590	225,300	4,330	13	3,480	30
		2,201	74%	66,045	131,000				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,136	851	75%	25,532	50,640	1,300	17	687	25
		984	87%	29,513	58,540				

- (A) MEDIAN OF MEAN DISCHARGES FOR THE MONTH FOR 30-YR PERIOD 1981-2010  
 (B) ADJUSTED FOR CHANGE IN STORAGE IN BLUE MESA RESERVOIR. STORAGE BEGAN OCT. 27, 1965  
 (C) ADJUSTED FOR CHANGE IN STORAGE IN FLAMING GORGE RESERVOIR & FONTENELLE RESERVOIR, STORAGE BEGAN NOV. 1, 1962 & OCT., 1964 RESPECTIVELY.  
 (D) ADJUSTED FOR CHANGE IN STORAGE IN NAVAJO RESERVOIR (STORAGE BEGAN JUNE 27, 1962) AND SINCE AUGUST 1964, RELEASES TO NAVAJO INDIAN IRRIGATION PROJECT (NIIP). RELEASES TO NIIP BEGAN JANUARY 1976.

RESERVOIR	DRAINAGE ABOVE DAM (MI <sup>2</sup> )	USABLE CAPACITY (AC-FT)	END OF MO. USABLE CONTENTS (AC-FT)	CHANGE DURING MONTH (AC-FT)	PREVIOUS MONTH
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	658,400	-14,400	672,800
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,300,300	-77,000	3,377,300
FONTENELLE RESERVOIR AT FONTENELLE , WYOMING (b)	4,280	344,300	220,600	-17,300	237,900
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	1,399,500	7,500 NIIP 400	1,392,000
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	12,279,700	-95,600	12,375,300
TOTALS		31,620,800	17,858,500	-196,800	18,055,300

- (a) Preliminary Data  
(b) Approximate

**Colorado River near Cisco, Utah**

Percent of 30 year  
Median (1981-2010)

	WY 2016 Monthly Total (ac-ft)	1981-2010 Median Monthly Total (ac-ft)	<b>Colorado River near Cisco, Utah</b>
Oct-12	281,800	267,840	105
Nov-12	245,700	243,238	101
Dec-12	0	223,002	0
Jan-13	0	204,481	0
Feb-13	0	185,365	0
Mar-13	0	241,949	0
Apr-13	0	404,736	0
May-13	0	775,050	0
Jun-13	0	821,674	0
Jul-13	0	341,149	0
Aug-13	0	255,440	0
Sep-13	0	253,258	0
<b>TOTAL</b>	527,500	4,217,180	13
apr-jun total	0	2,001,459	0

**Green River at Green River, Utah**

Percent of 30 year Median  
(1981-2010)

	WY 2016 Monthly Total (ac-ft)	1981-2010 Median Monthly Total (ac-ft)	<b>Green River at Green River, Utah</b>
Oct-12	198,100	181,100	109
Nov-12	225,300	177,657	127
Dec-12	0	145,259	0
Jan-13	0	153,681	0
Feb-13	0	159,276	0
Mar-13	0	233,120	0
Apr-13	0	311,984	0
May-13	0	715,629	0
Jun-13	0	734,973	0
Jul-13	0	226,077	0
Aug-13	0	151,280	0
Sep-13	0	150,348	0
<b>TOTAL</b>	423,400	3,340,381	13
apr-jun total	0	1,762,586	0

**San Juan River near Bluff, Utah**

Percent of 30  
year Median  
(1981-2010)

	WY 2016 Monthly Total (ac-ft)	1981-2010 Median Monthly Total (ac-ft)	San Juan River near Bluff, Utah
Oct-12	72,880	75,729	96
Nov-12	50,640	67,605	75
Dec-12	0	62,694	0
Jan-13	0	63,081	0
Feb-13	0	67,615	0
Mar-13	0	77,594	0
Apr-13	0	105,092	0
May-13	0	258,813	0
Jun-13	0	233,914	0
Jul-13	0	97,236	0
Aug-13	0	72,297	0
Sep-13	0	75,114	0
<b>TOTAL</b>	123,520	1,256,785	10
apr-jun tr	0	597,819	0

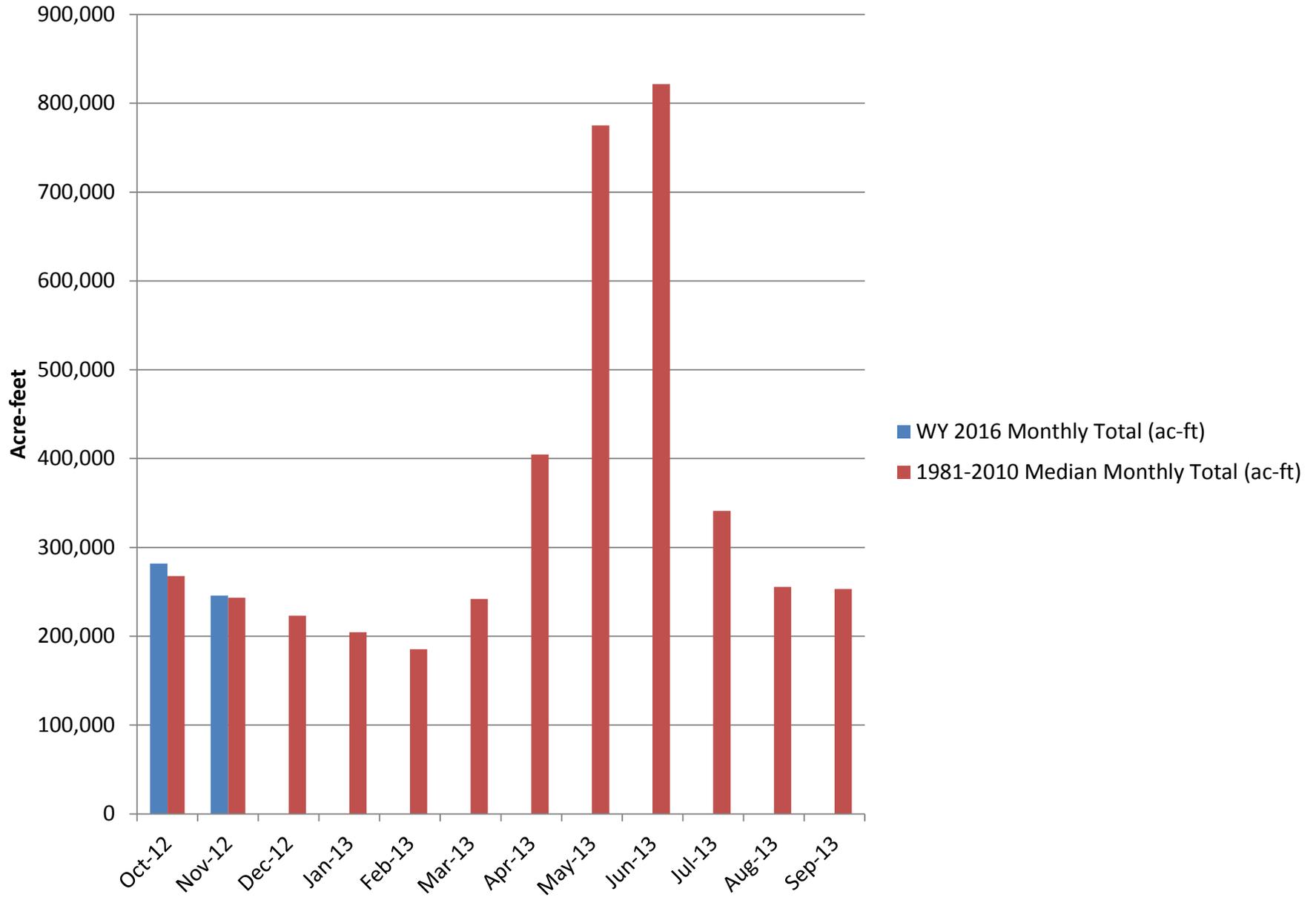
Percent of 30  
year Median  
(1981-2010)

**Colorado-Green-San Juan Sum**

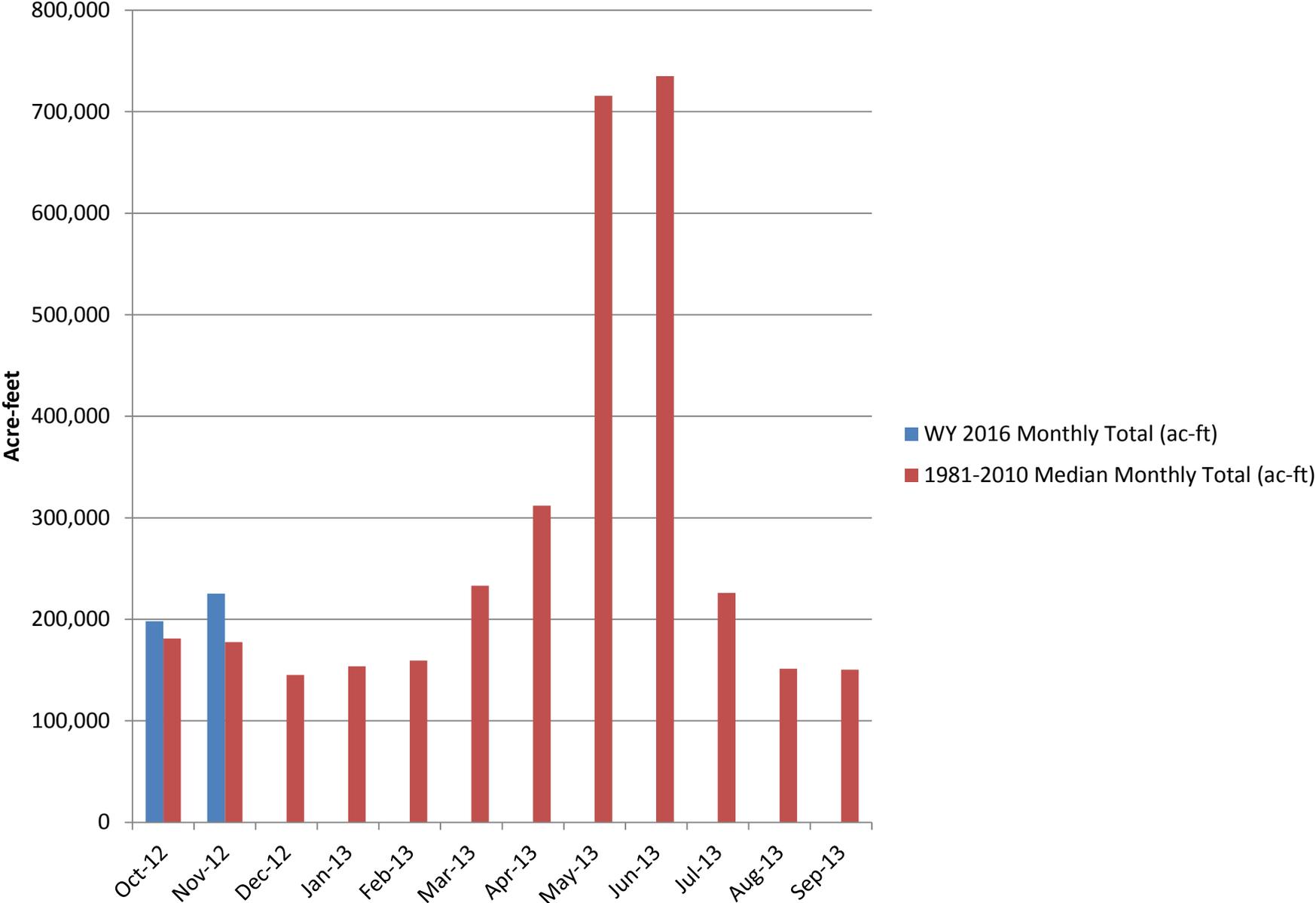
	WY 2016 Monthly Total (ac-ft)	1981-2010 Median Monthly Total (ac-ft)	<b>Total Discharge of Major Inflows to Lake Powell</b>
Oct-12	552,780	524,669	105
Nov-12	521,640	488,500	107
Dec-12	0	430,955	0
Jan-13	0	421,243	0
Feb-13	0	412,255	0
Mar-13	0	552,663	0
Apr-13	0	821,812	0
May-13	0	1,749,491	0
Jun-13	0	1,790,560	0
Jul-13	0	664,461	0
Aug-13	0	479,017	0
Sep-13	0	478,719	0
<b>TOTAL</b>	1,074,420	8,814,347	12
apr-jun tc	0	4,361,864	0

		1981-2010	
Annual Total WY 2016 Total Discharge (ac- feet)		Median Annual Total Discharge (ac- feet)	Annual Total Discharge as Percent of 30 year Median (1981-2010)
Colorado River nr Cisco, UT	527,500	4,217,180	13
Green River at Green River, UT	423,400	3,340,381	13
San Juan River nr Bluff, UT	123,520	1,256,785	10
Sum of Major Inflow to Lake Powell	1,074,420	8,814,347	12

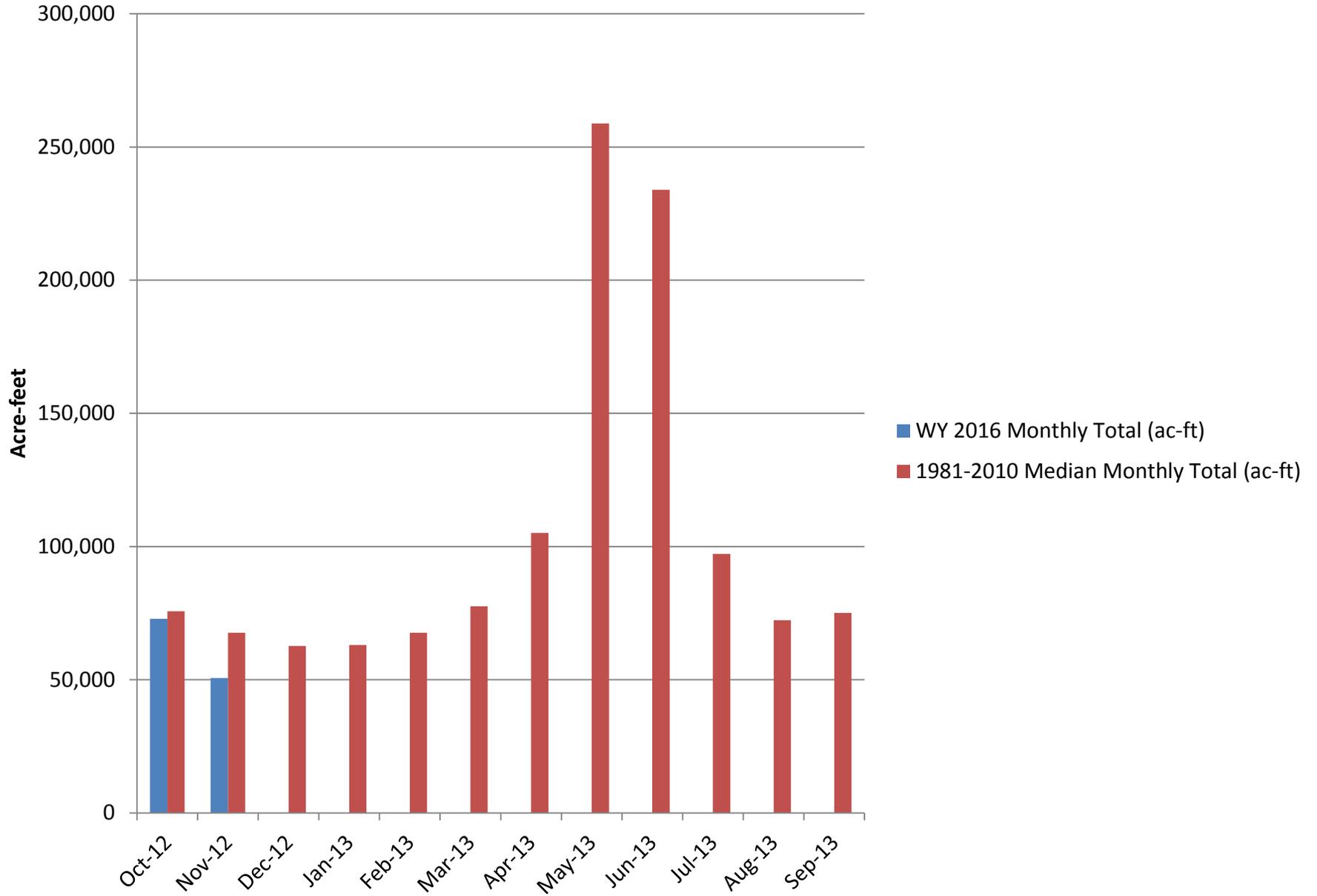
### Colorado River near Cisco, Utah



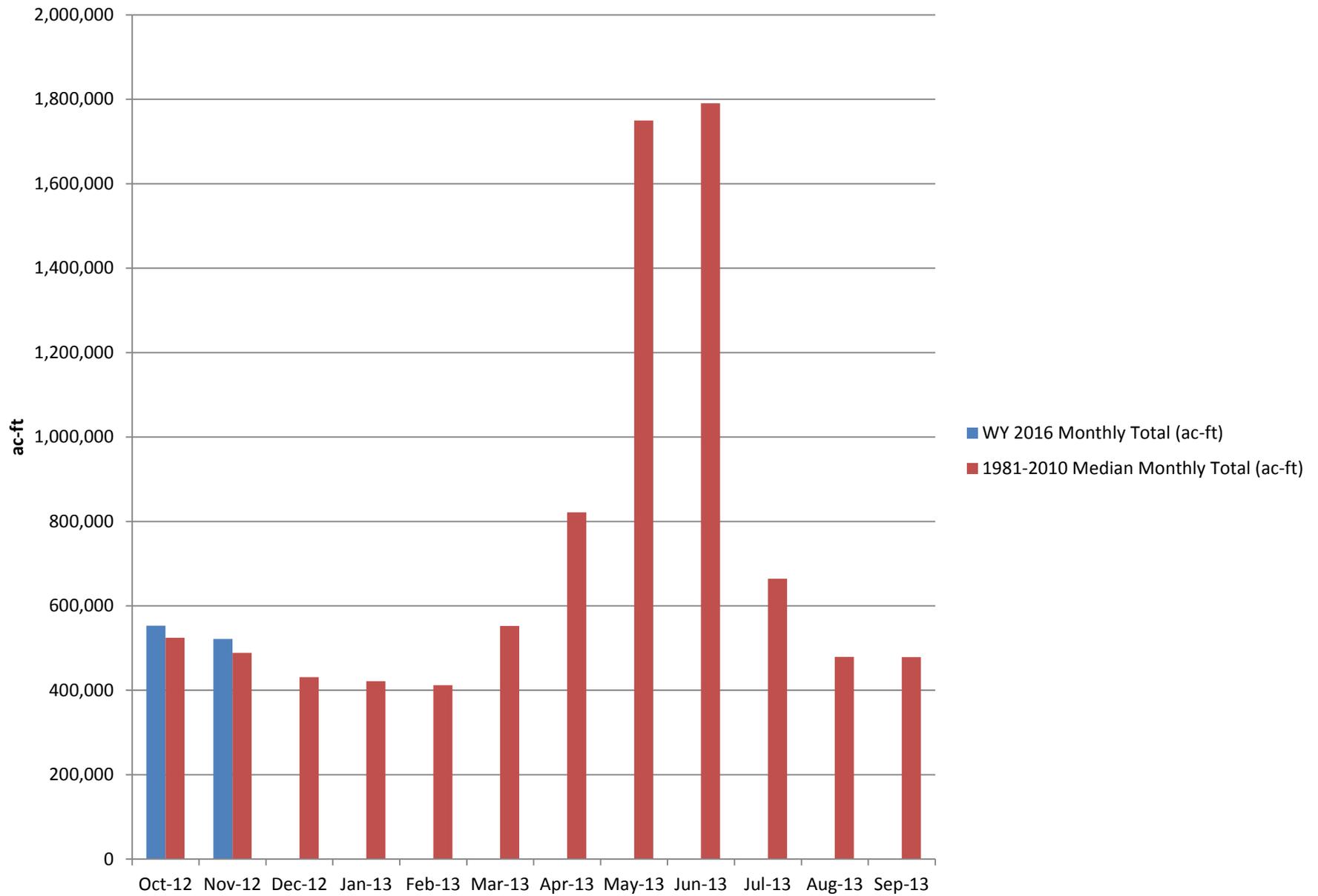
### Green River at Green River, Utah



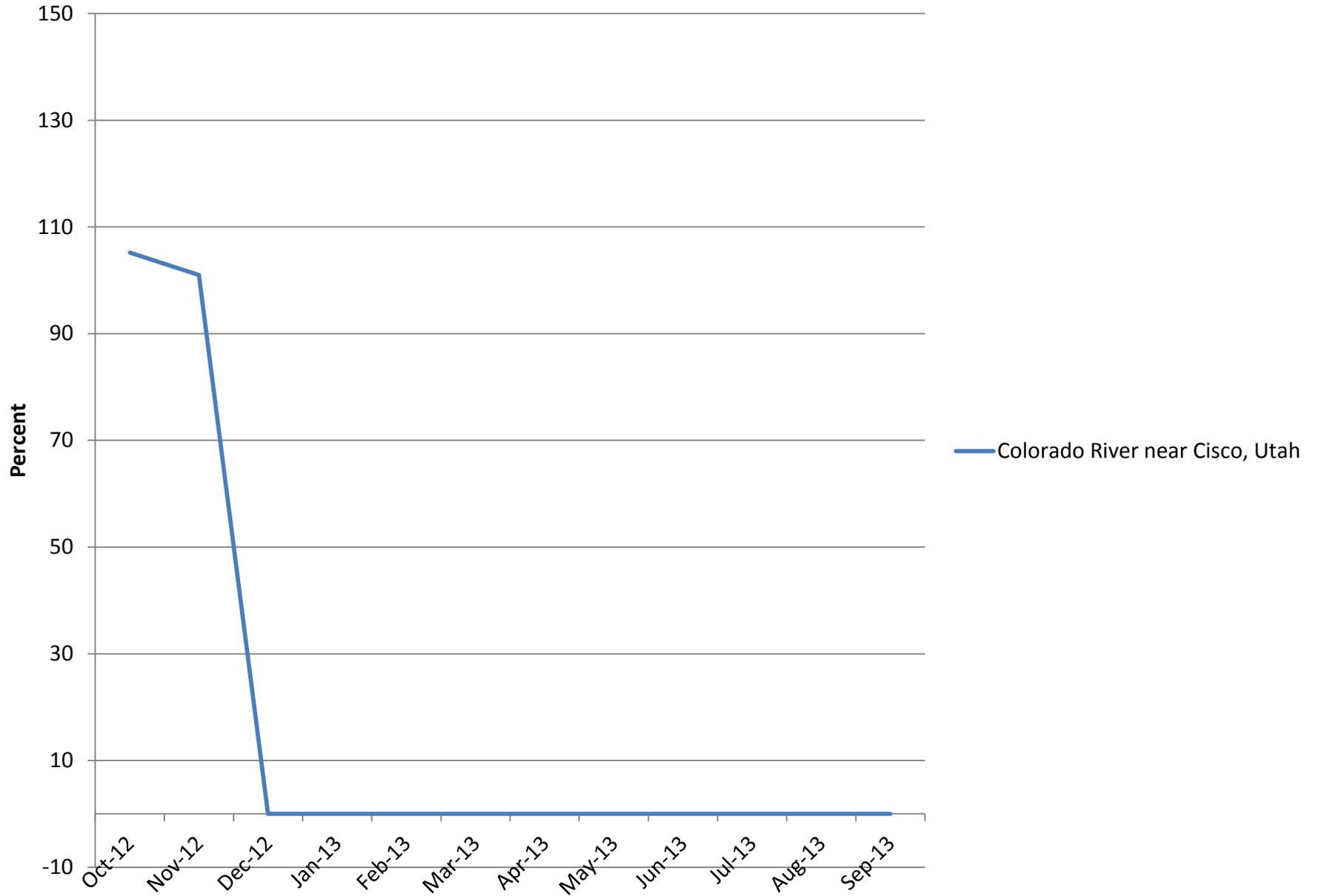
### San Juan River near Bluff, Utah



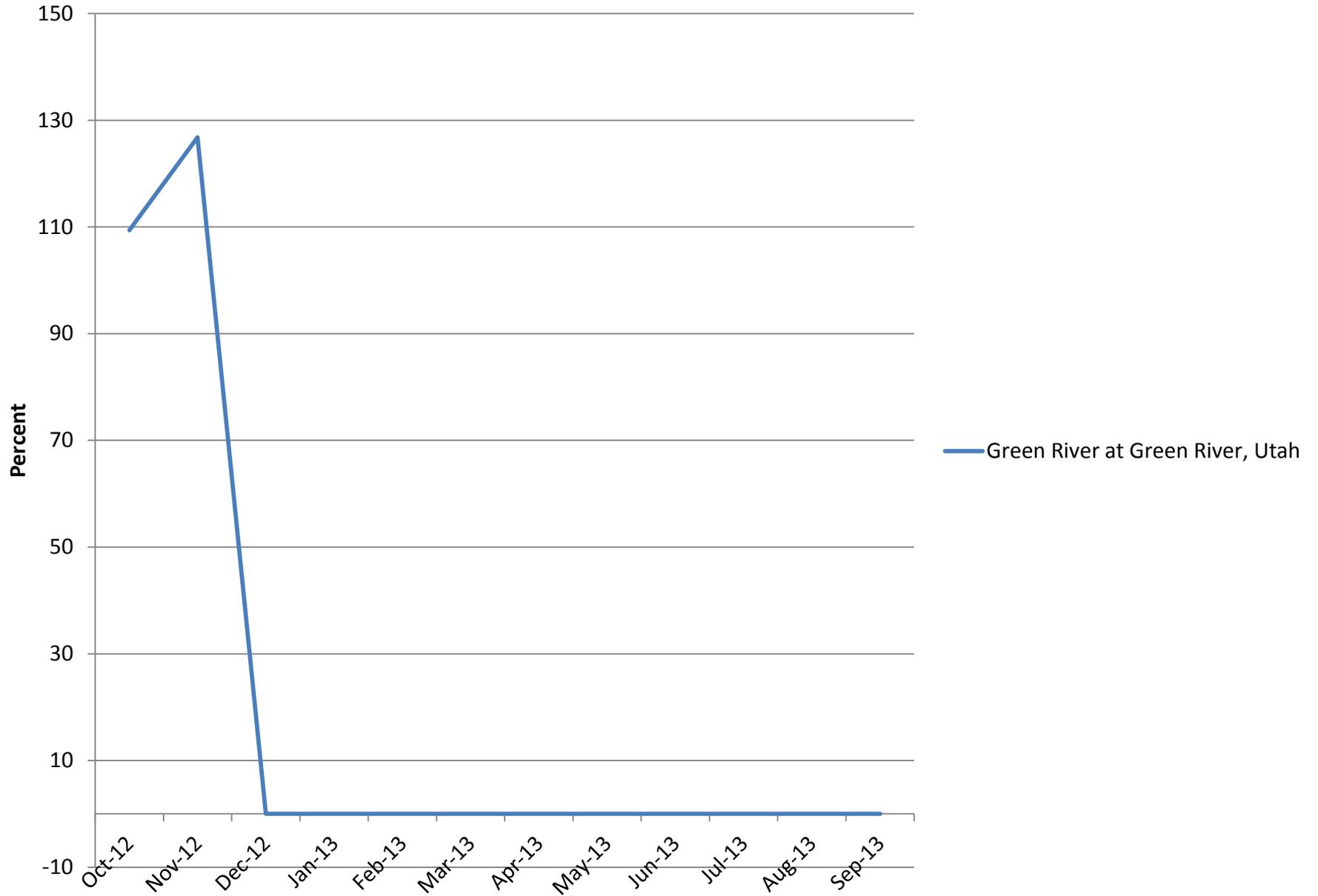
# SUM OF MAJOR INFLOWS TO LAKE POWELL



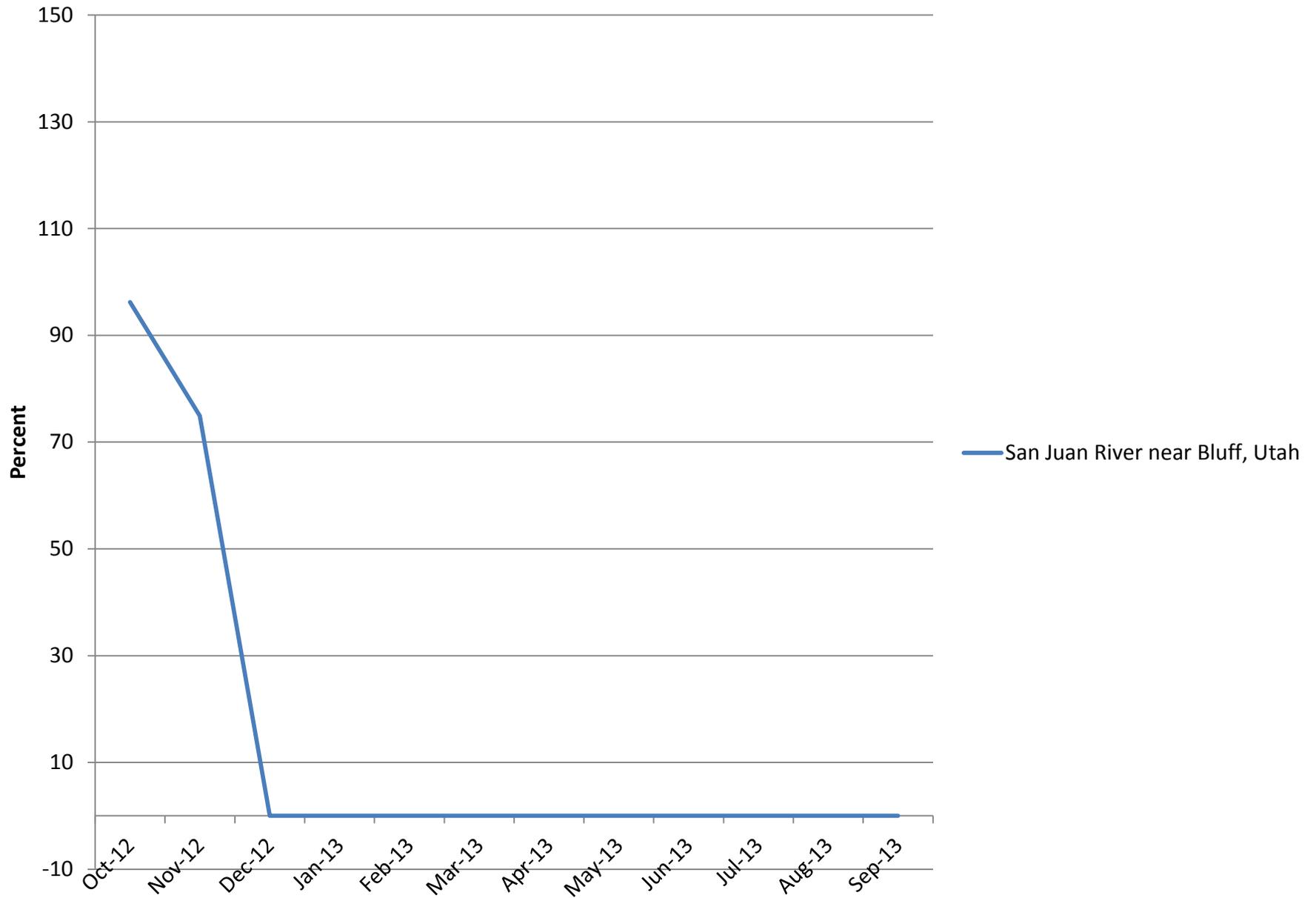
**Total Monthly Discharge as Percent of 30 year (1981-2010) Median**



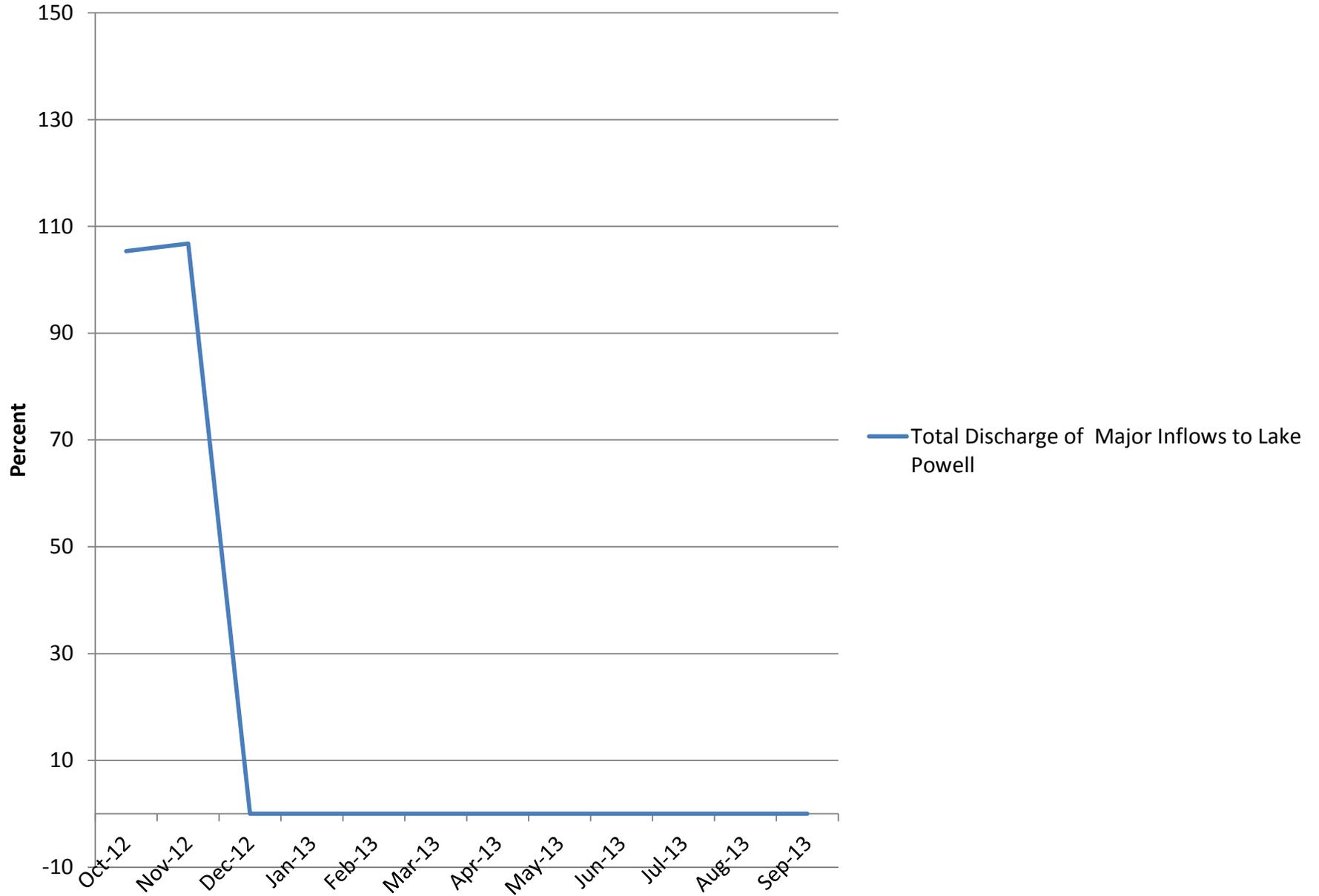
Total Monthly Discharge as Percent of 30 year (1981-2010) Median

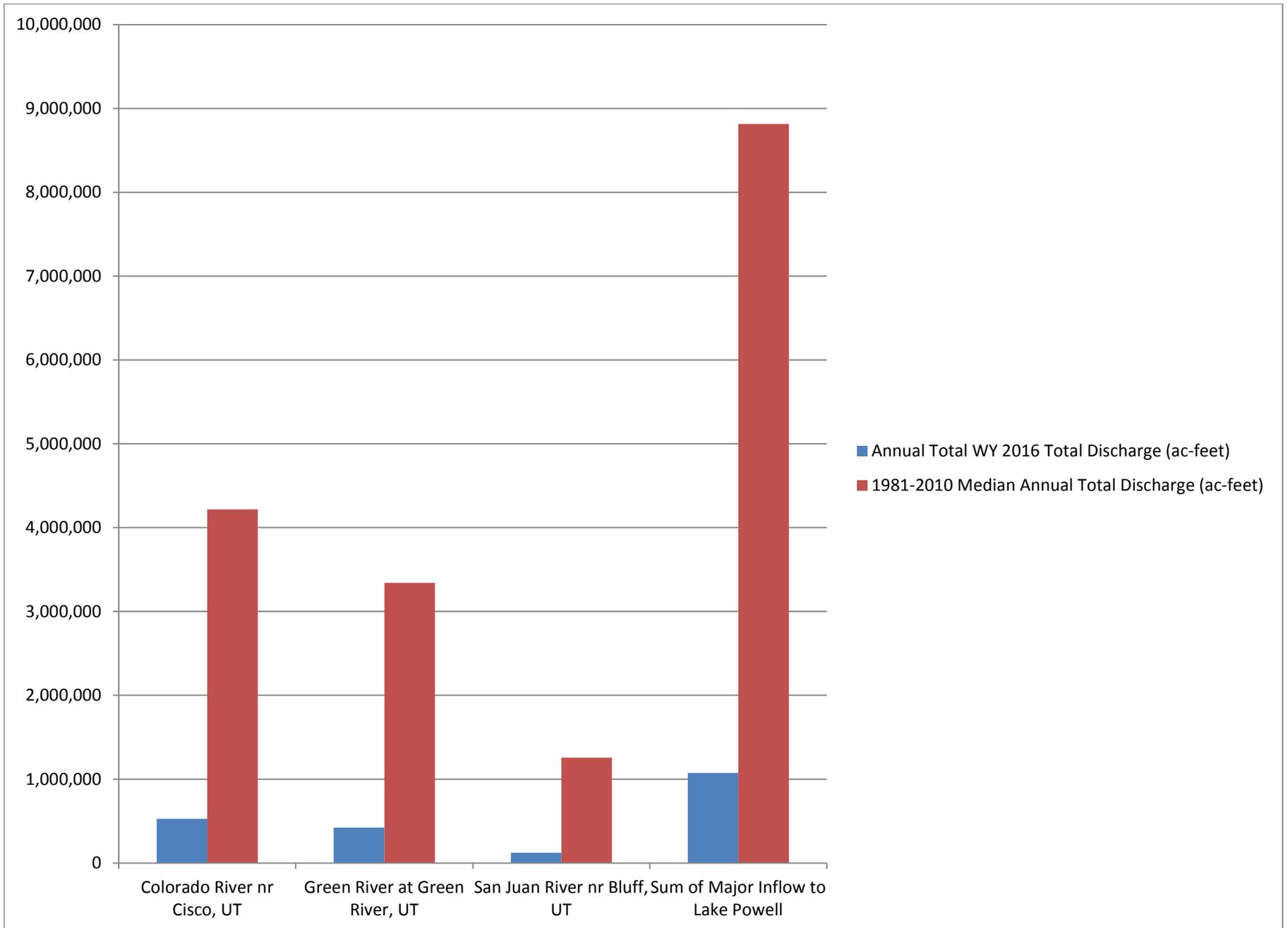


**Total Monthly Discharge as Percent of 30 year (1981-2010) Median**



**Total Monthly Discharge as Percent of 30 year (1981-2010) Median**





## Annual Total Discharge as Percent of 30 year Median (1981-2010)

