



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

# Utah Water Science Center

## *Upper Colorado River Streamflow and Reservoir Contents*

*Provisional Data for:*  
**October 2018**

*All data contained in this report is  
provisional and subject to revision.*

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

U.S. GEOLOGICAL SURVEY  
UTAH WATER SCIENCE CENTER  
STREAMFLOW AND RESERVOIR CONTENTS IN UPPER COLORADO RIVER BASIN  
contact 435-259-4430 or wilkowsk@usgs.gov

DAYS IN  
MONTH 31

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 MEDIAN	TOTAL ft <sup>3</sup> /s					
	(1981-2010)	THIS MONTH		DAYS					
COLORADO RIVER NR CISCO, UTAH	4,355	3,202	74%	99,433	196,878	5,090	8-Oct	1,990	1-Oct
ADJUSTED (B)		2,638	61%	81,764	162,178				
GREEN RIVER AT GREEN RIVER, UT	2,945	2,743	93%	85,031	168,362	3,430	6-Oct	2,030	1-Oct
ADJUSTED (C)		1,889	64%	58,564	116,162				
SAN JUAN RIVER NEAR BLUFF, UT	1,232	649	53%	20,164	39,924	1,010	7-Oct	429	6-Oct
ADJUSTED (D)		391	32%	12,112	24,024				
DOLORES RIVER NR CISCO, UTAH	237	123	52%	3,565	7,058	493	8-Oct	22	1-Oct
ADJUSTED (E)		141	60%	4,373	8,673				

(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.

(E) ADJUSTED FOR CHANGE IN STORAGE IN MCPHEE RESERVOIR. STORAGE BEGAN MAR 20, 1984

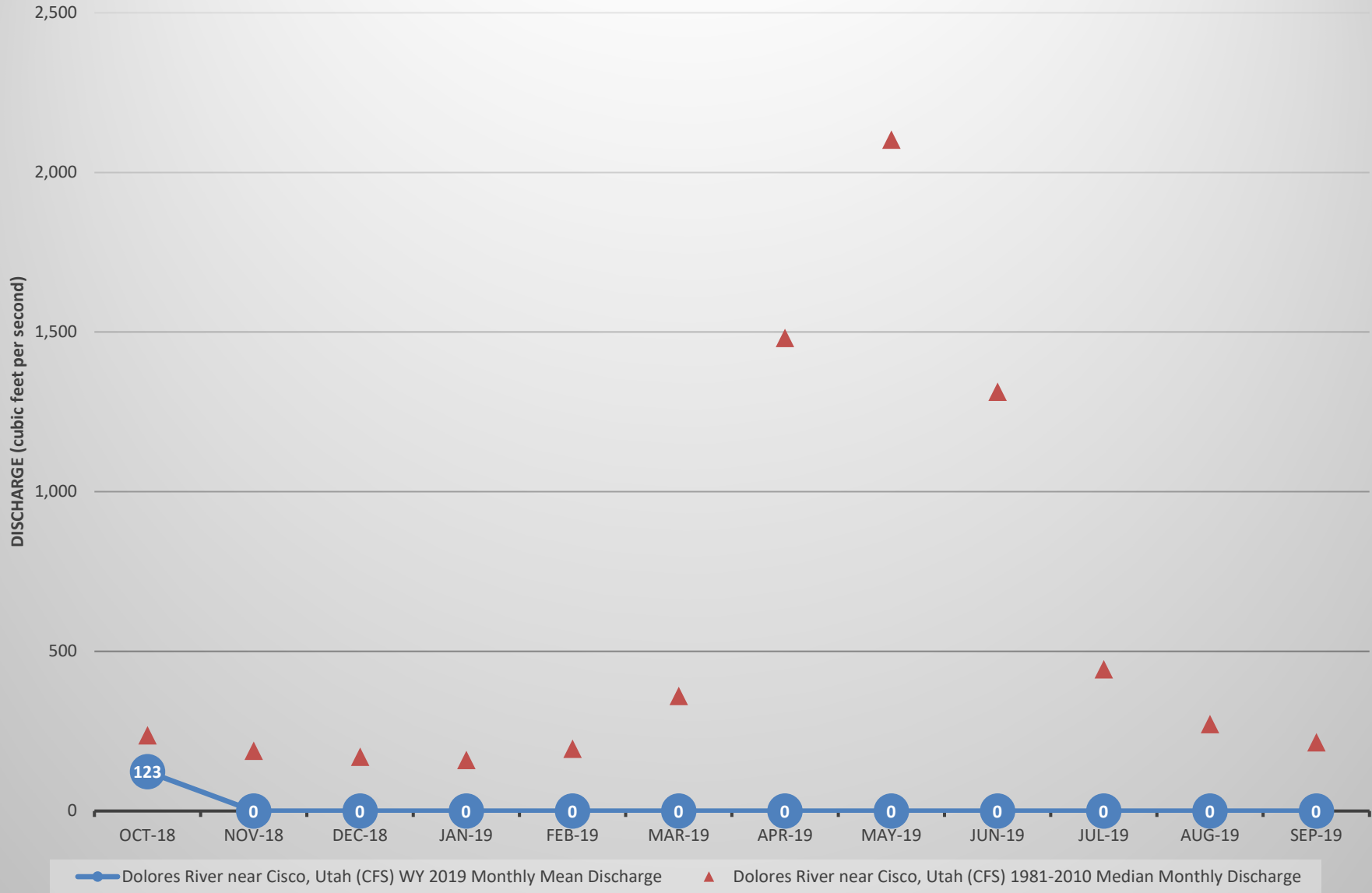
RESERVOIR	DRAINAGE ABOVE DAM (Mi <sup>2</sup> )	USABLE CAPACITY (AC-FT)	END OF MO. USABLE CONTENTS (AC-FT)	CHANGE DURING MONTH (AC-FT)	PREVIOUS MONTH
MCPHEE RESERVOIR, MONTEZUMA COUNTY, CO	809	229,200	169,696	1,615	168,081
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	247,700	-34,700	282,400
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,350,200	-27,800	3,378,000
FONTENELLE RESERVOIR AT FONTENELLE, WYOMING (b)	4,280	344,300	238,000	-24,400	262,400
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	896,500	-22,800 NIIP 6,900	919,300
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	10,862,200	-165,500	11,027,700
TOTALS		31,620,800	15,594,600	-275,200	15,869,800

(a) Preliminary Data

(b) Approximate

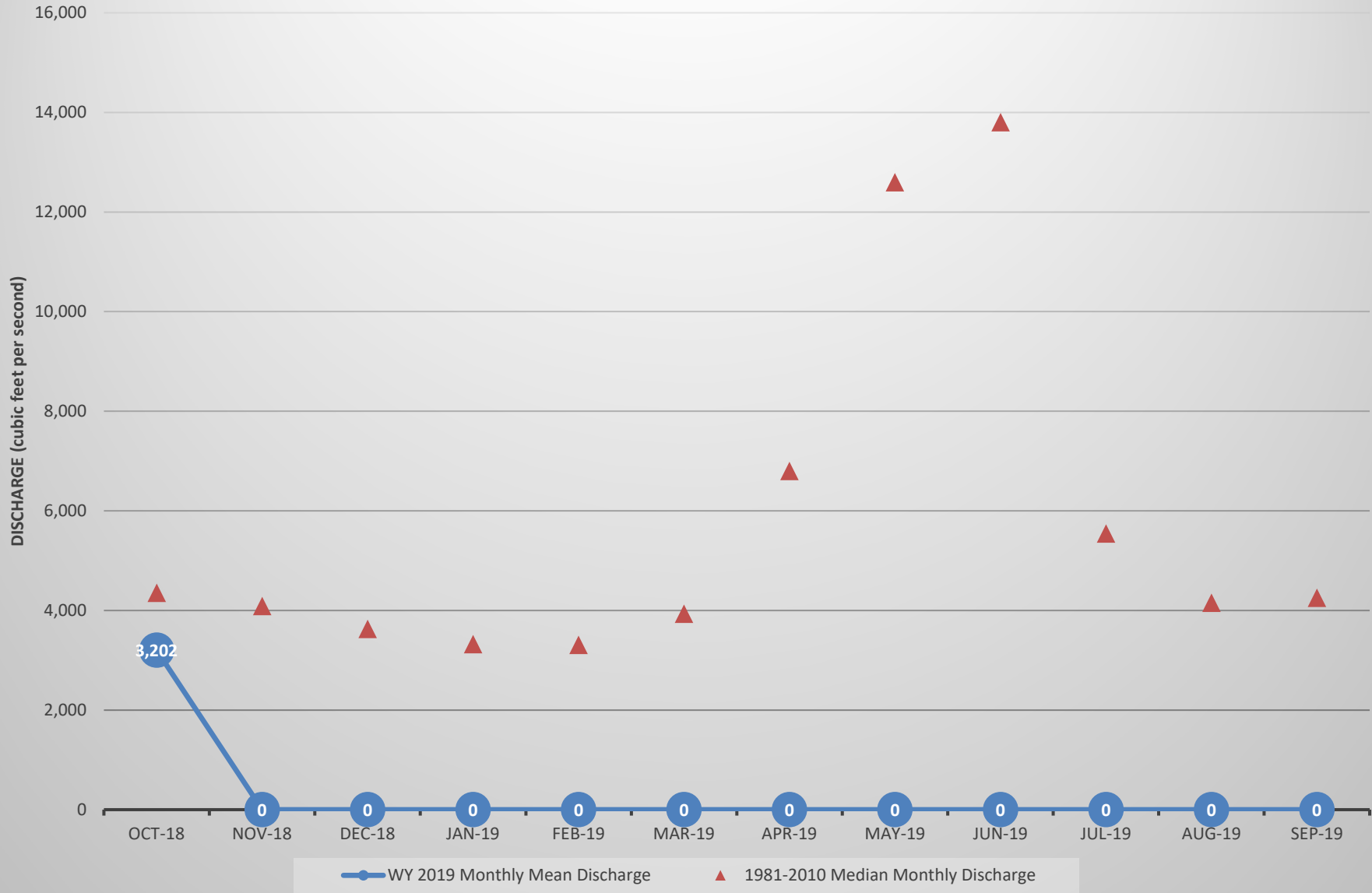
# Dolores River near Cisco, UT

## Monthly Mean Discharge (cubic feet per second)

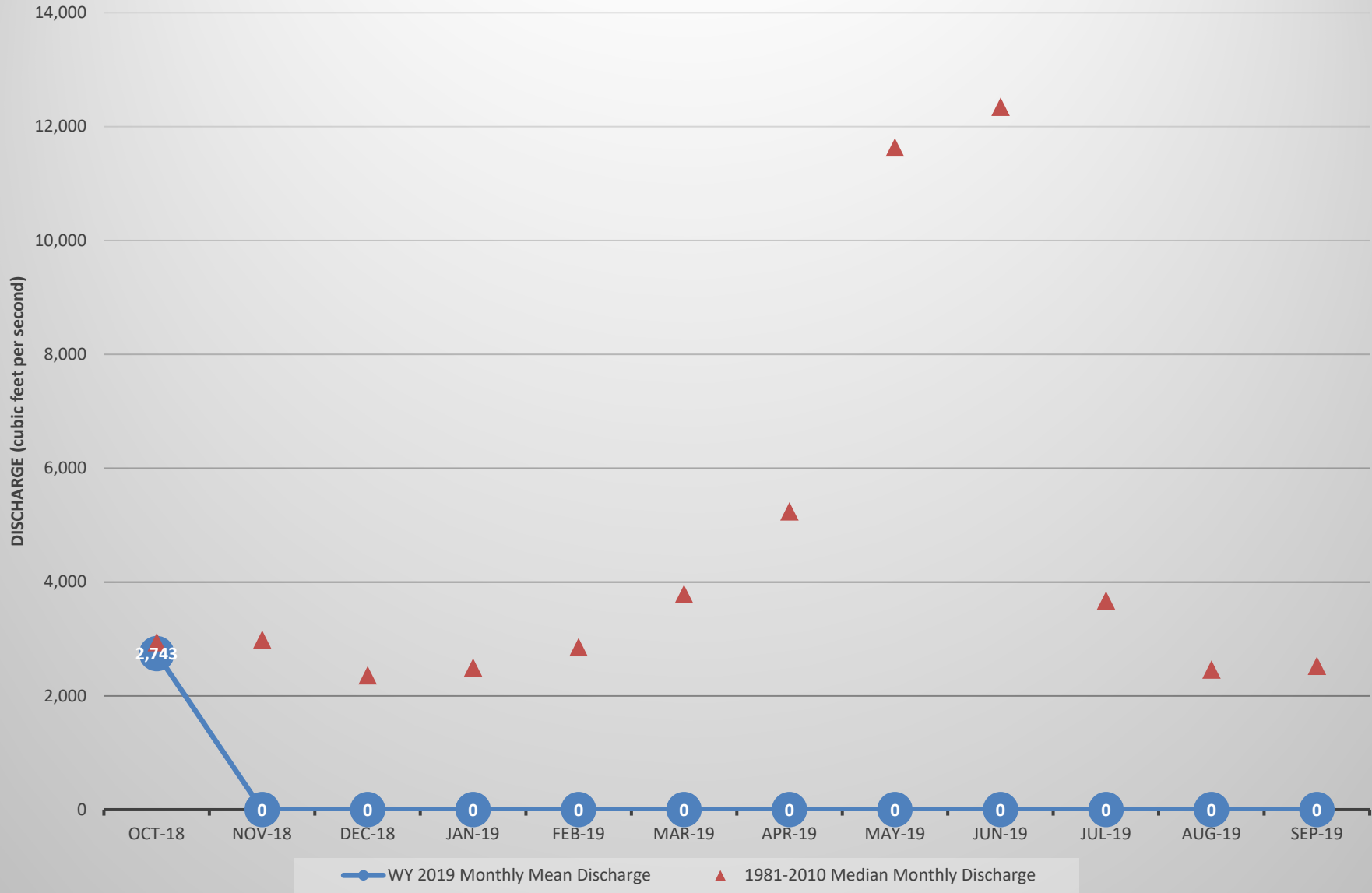


# Colorado River near Cisco, UT

## Monthly Mean Discharge (cubic feet per second)

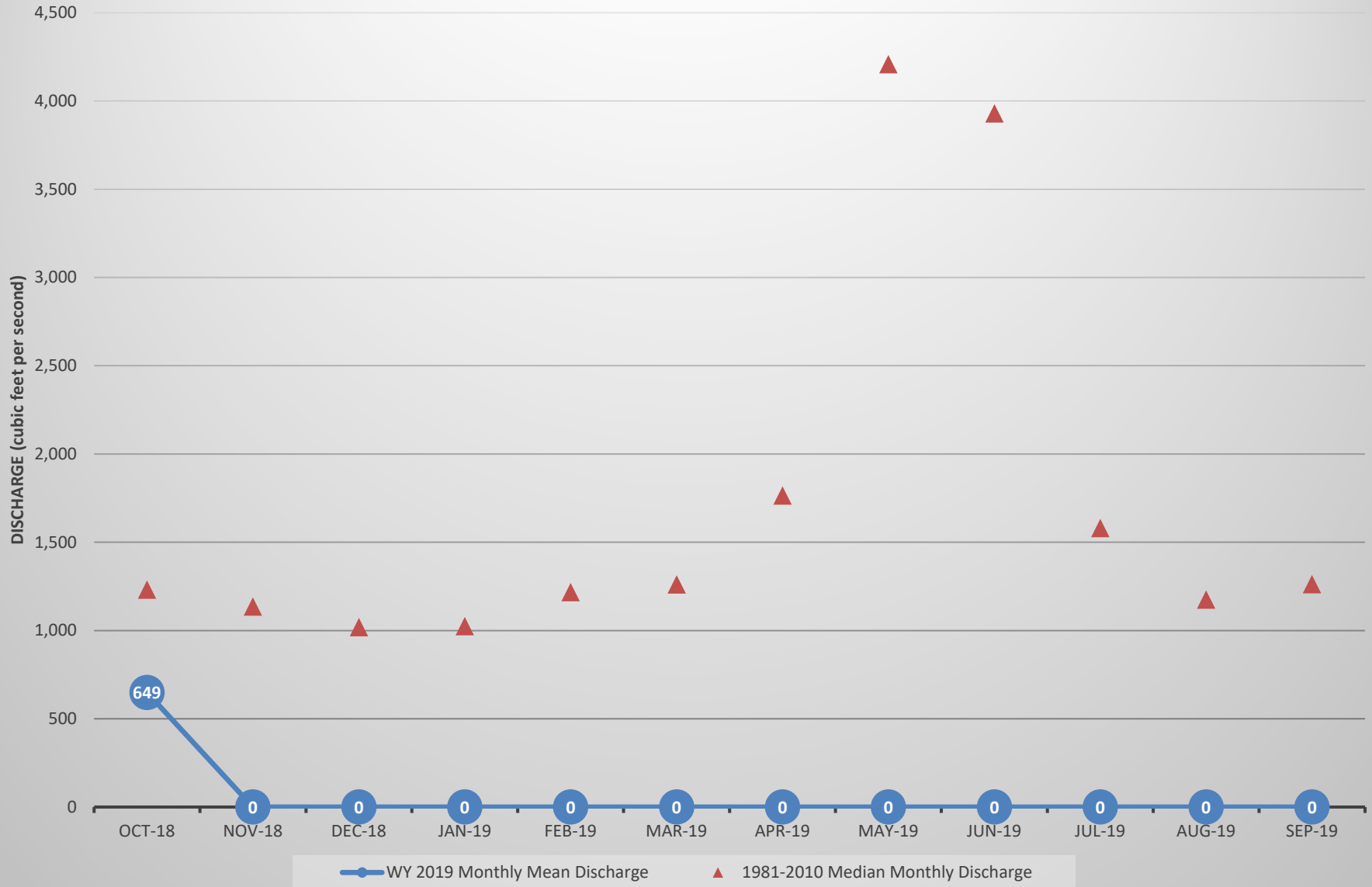


# Green River at Green River, UT Monthly Mean Discharge (cubic feet per second)



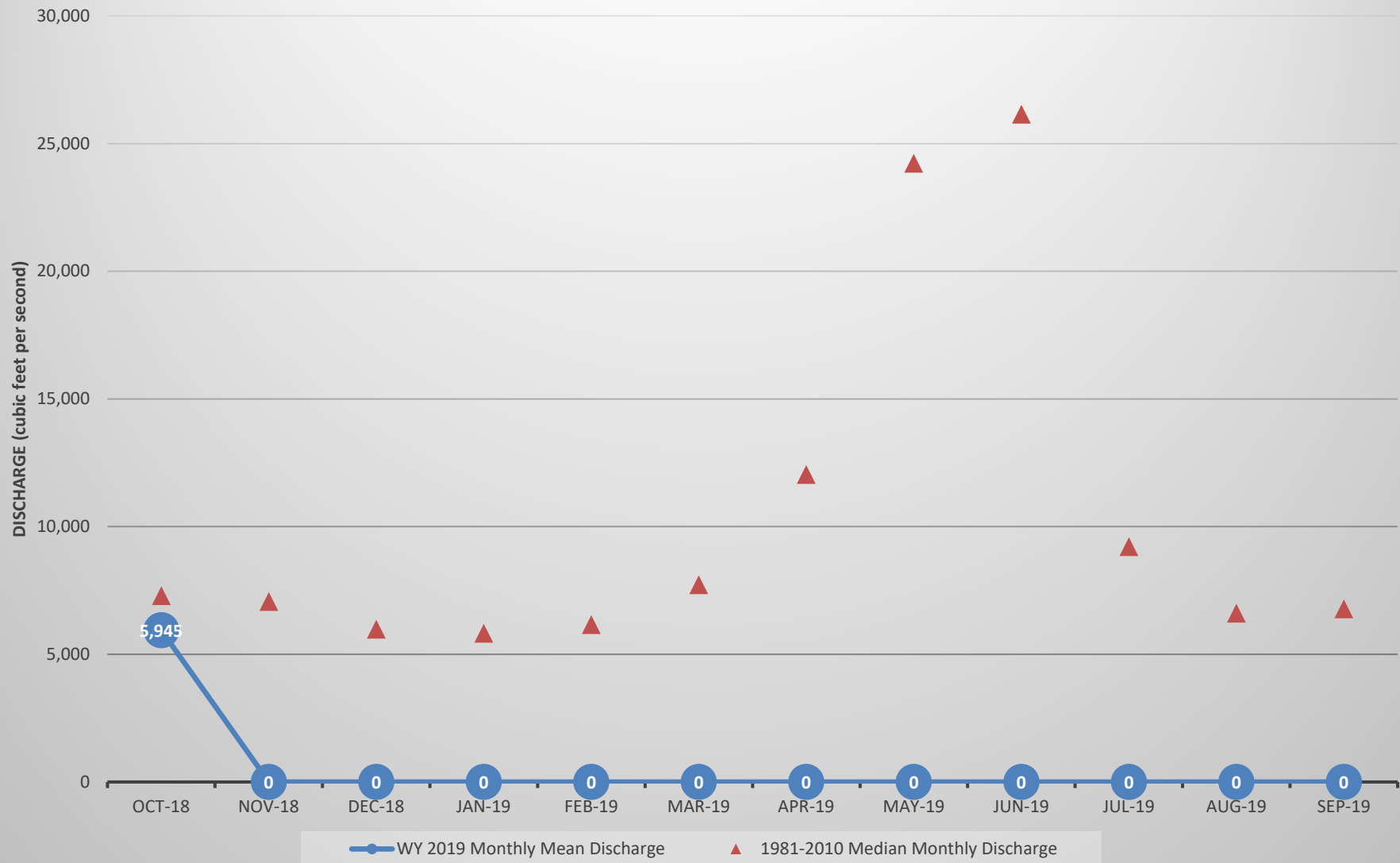
# San Juan River near Bluff, UT

## Monthly Mean Discharge (cubic feet per second)

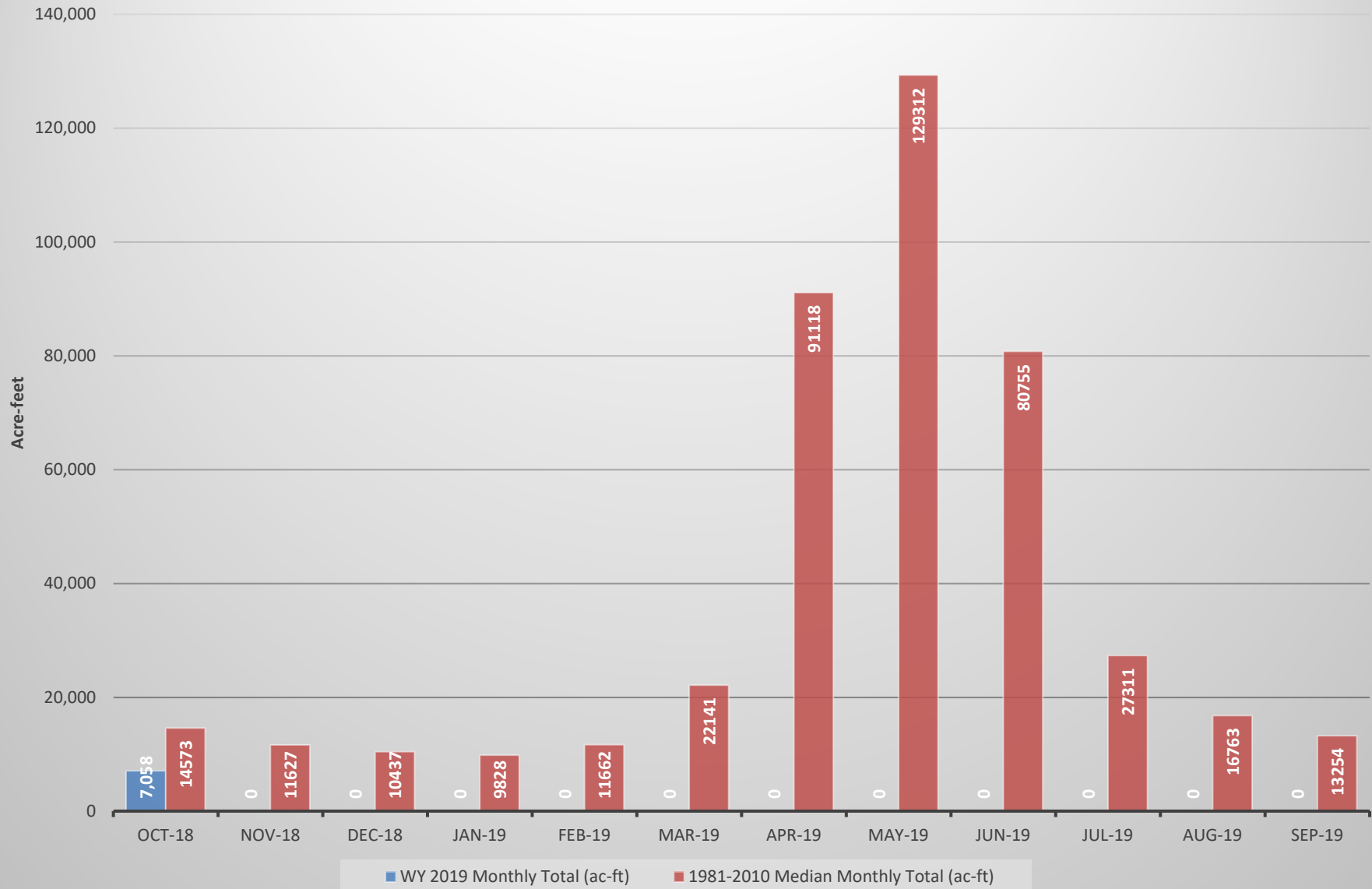


# Estimated Flow at Confluence

## Sum of Colorado River near Cisco, UT and Green River at Green River, UT Monthly Mean Discharge (cubic feet per second)

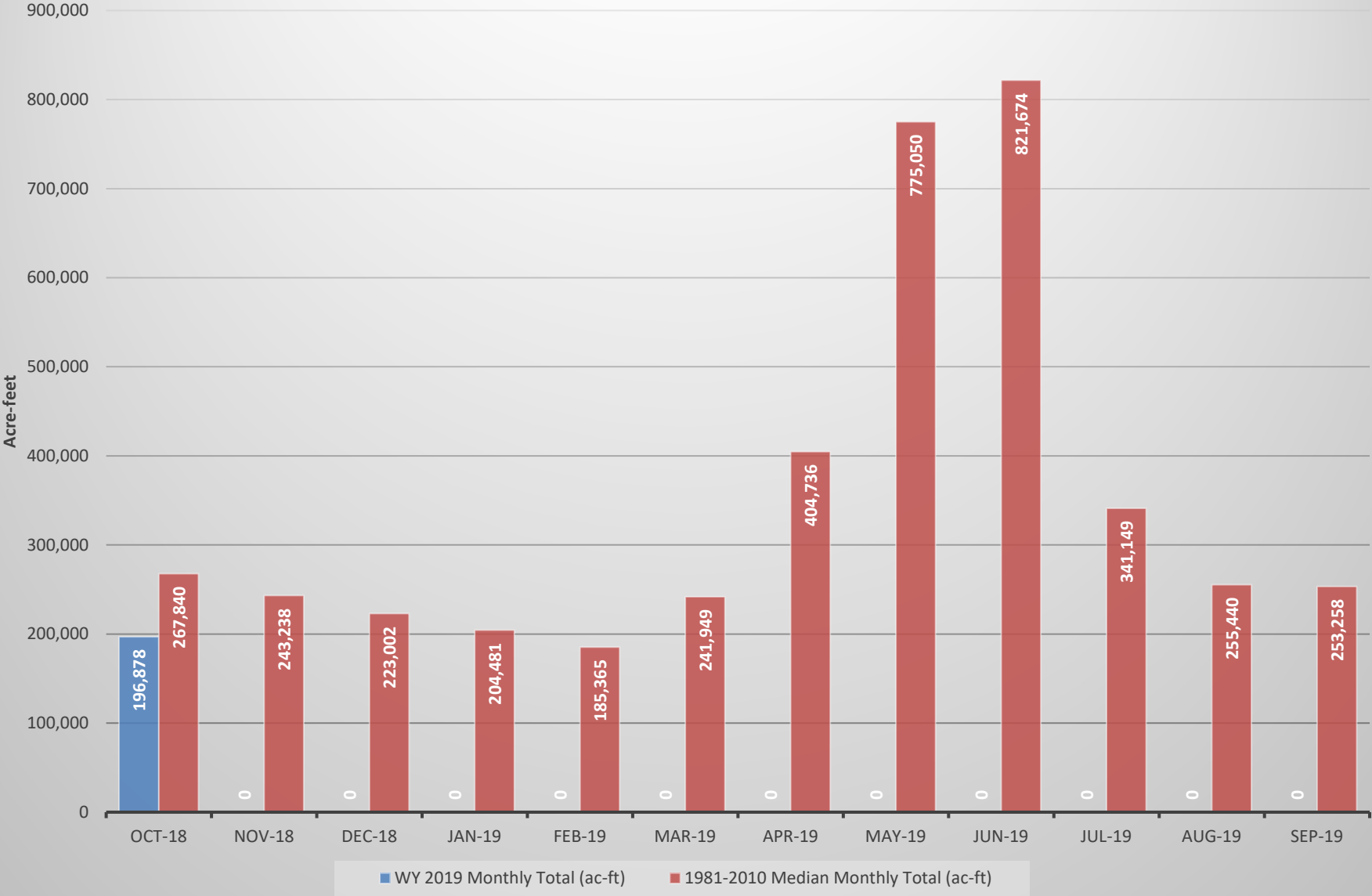


## Dolores River near Cisco, Utah Total Monthly Discharge (ac-ft)

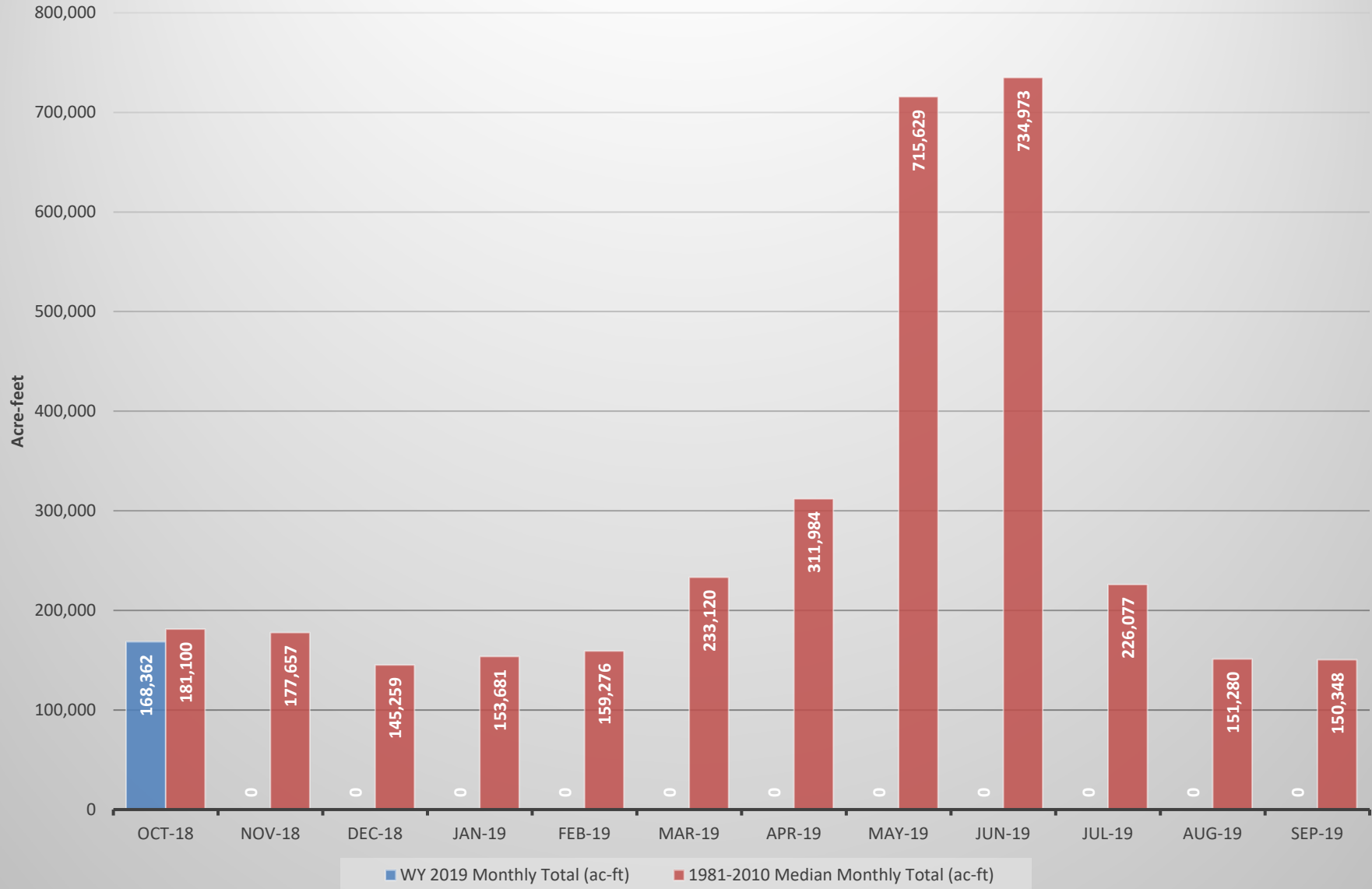




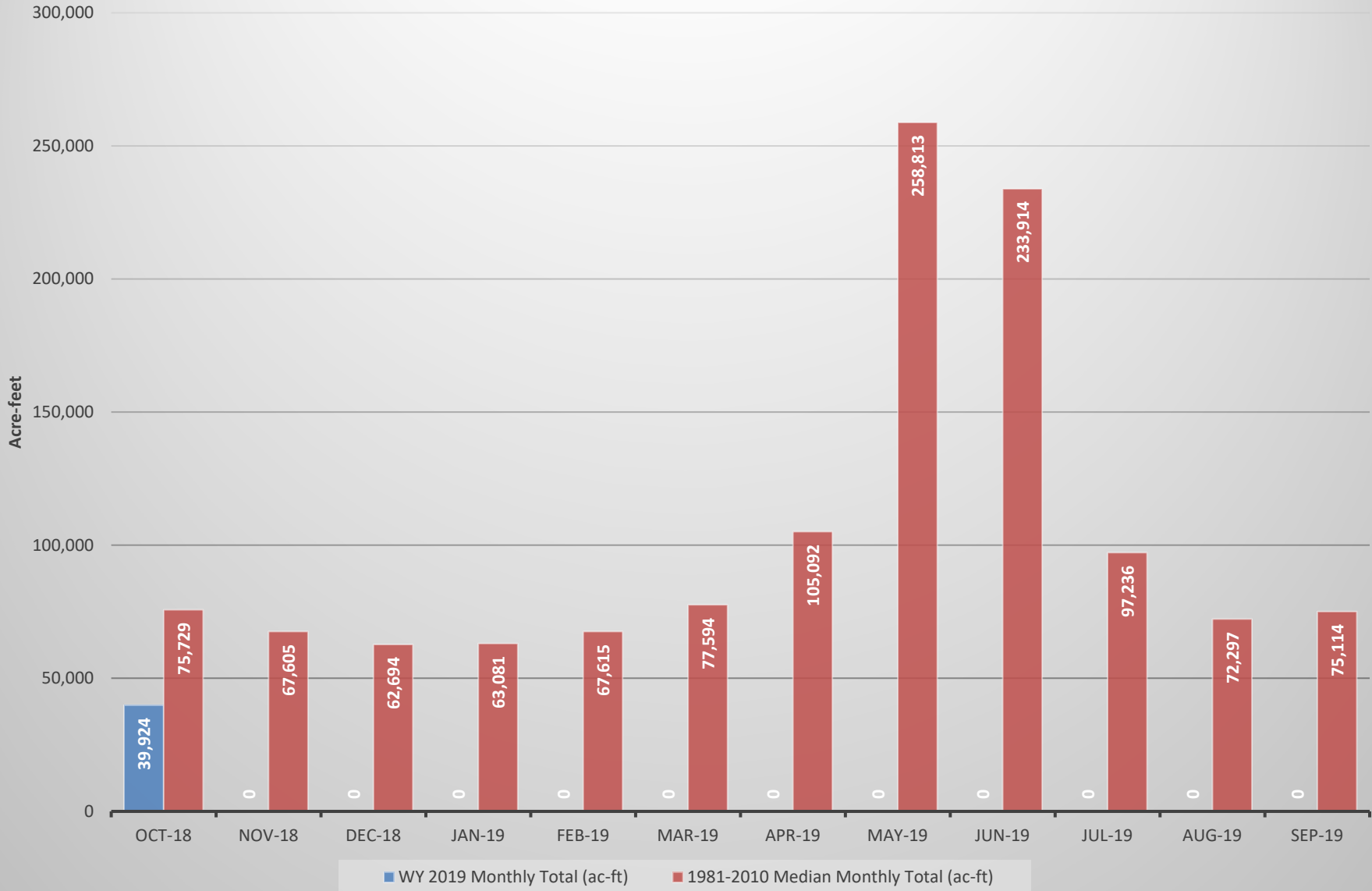
# Colorado River near Cisco, Utah Total Monthly Discharge (ac-ft)



# Green River at Green River, Utah Total Monthly Discharge (ac-ft)

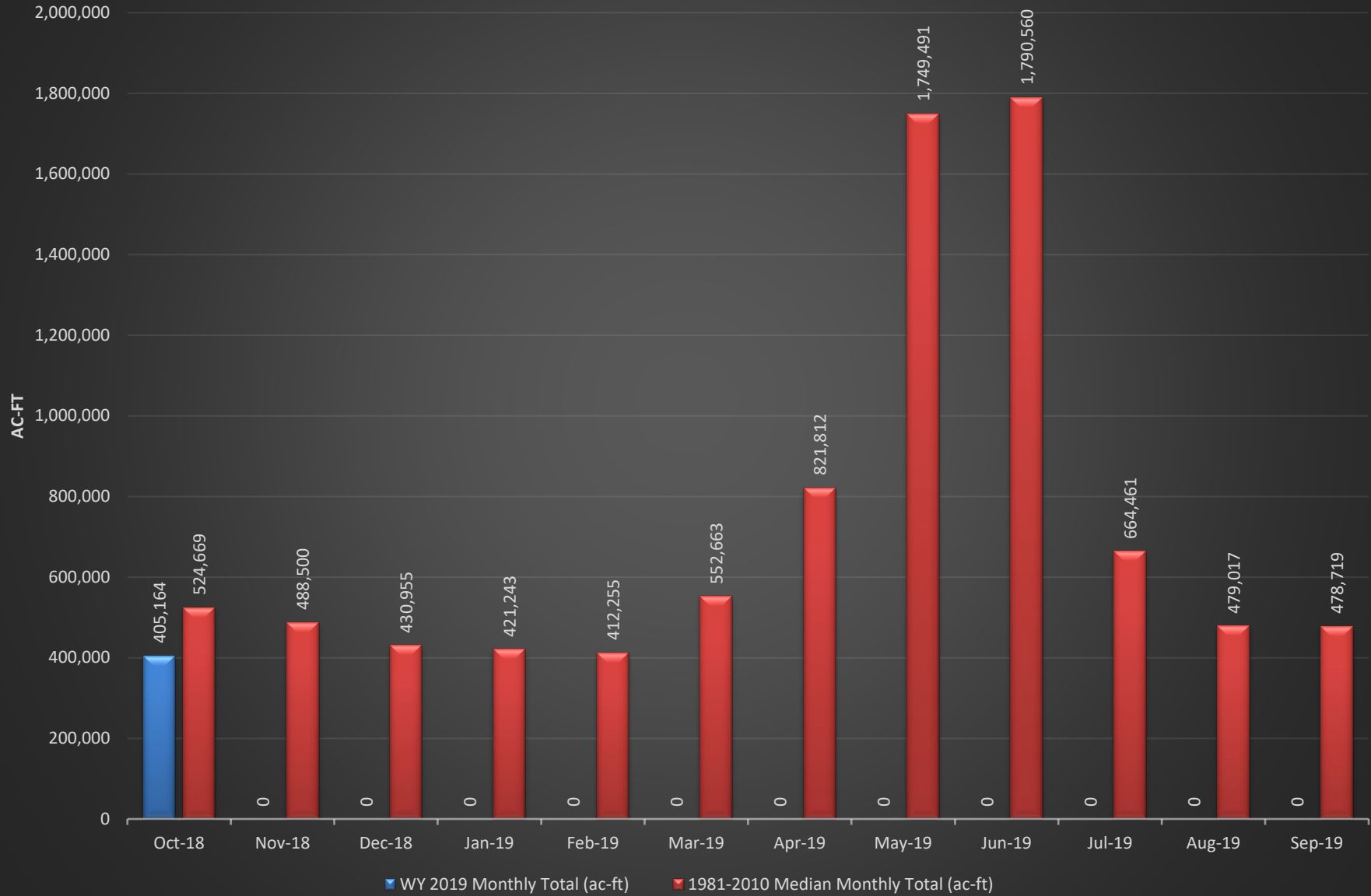


## San Juan River near Bluff, Utah Total Monthly Discharge (ac-ft)



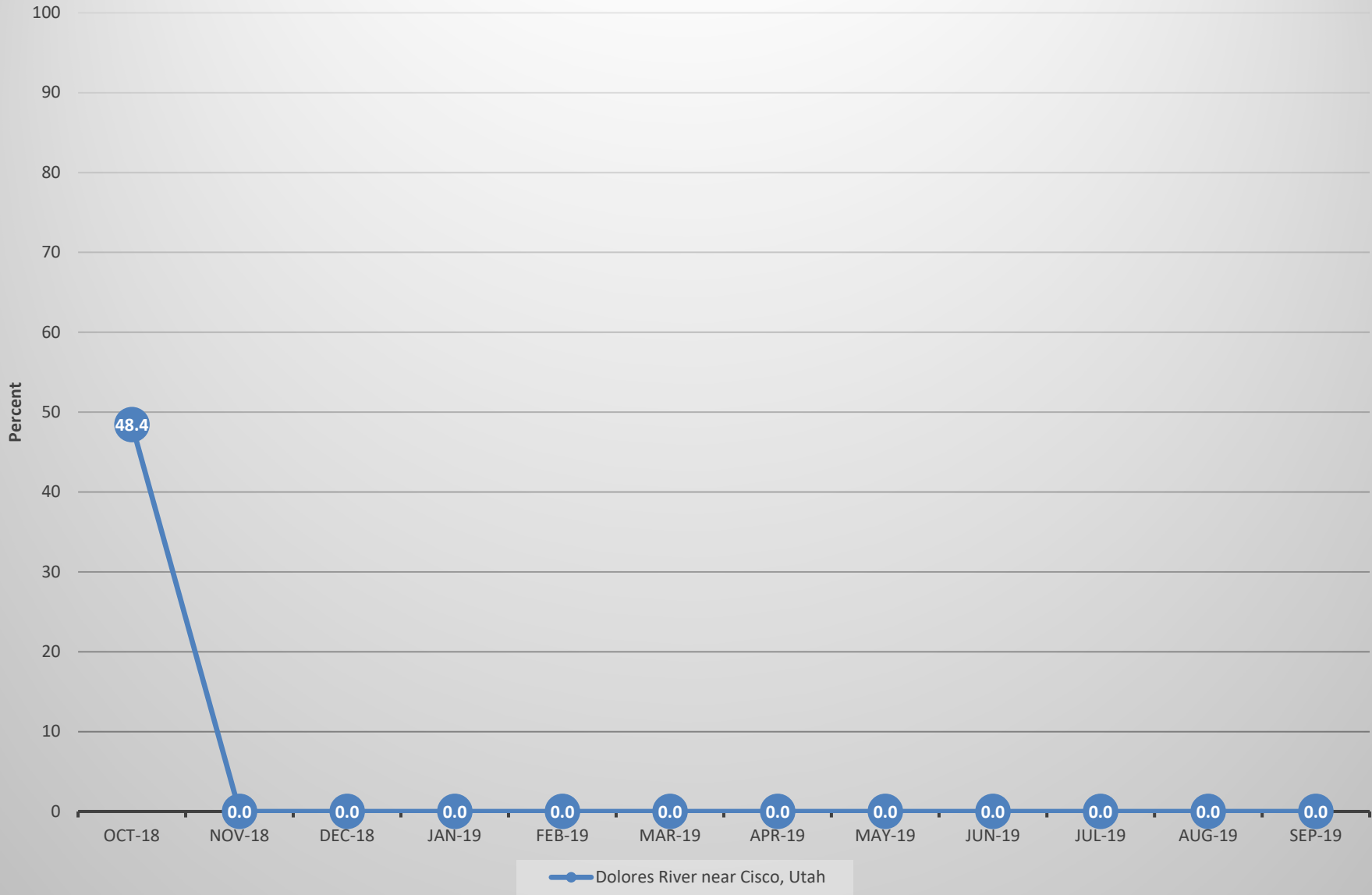
# SUM OF MAJOR INFLOWS TO LAKE POWELL

## Total Monthly Discharge (ac-ft)



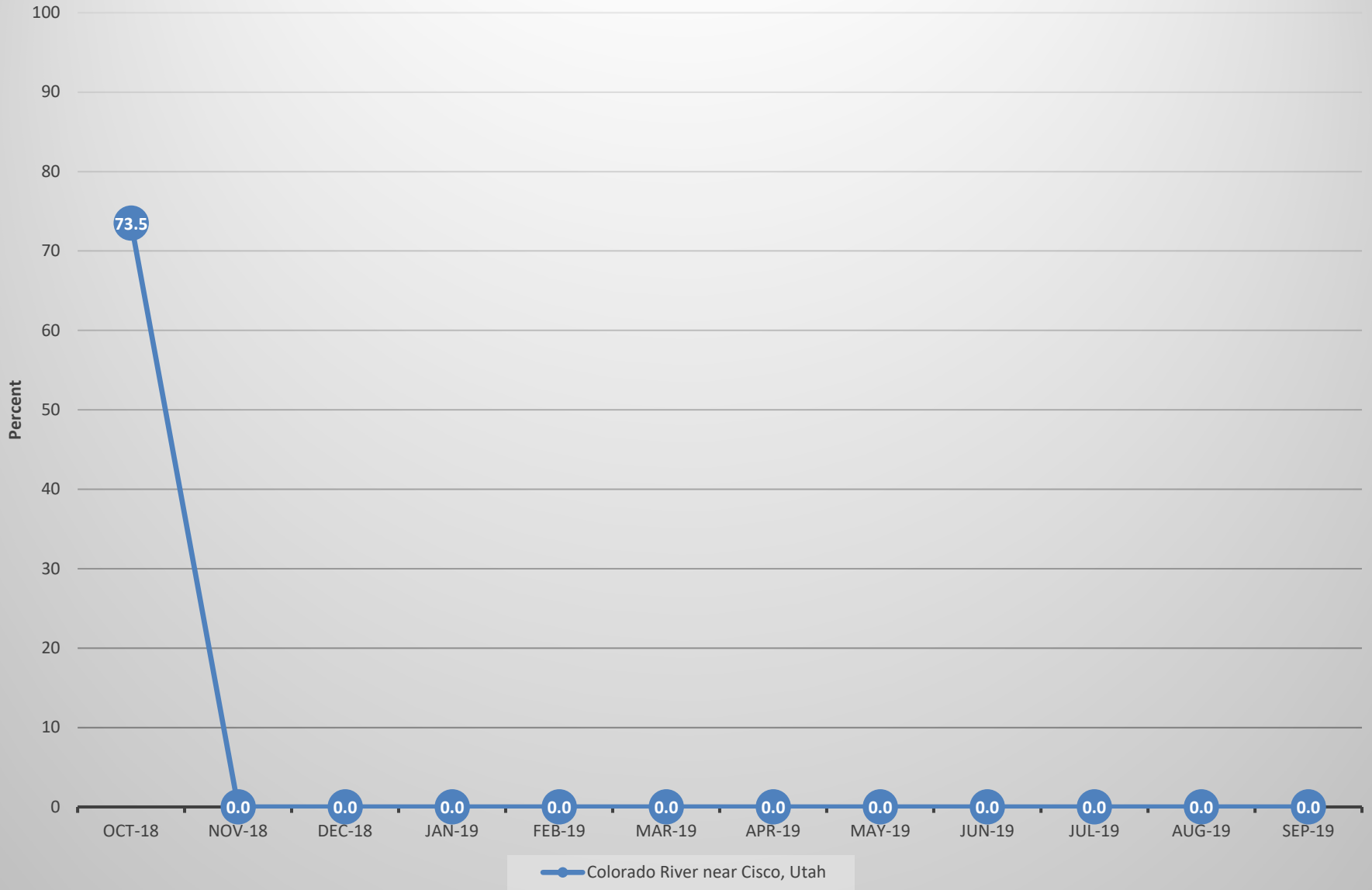
# Dolores River near Cisco, UT

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



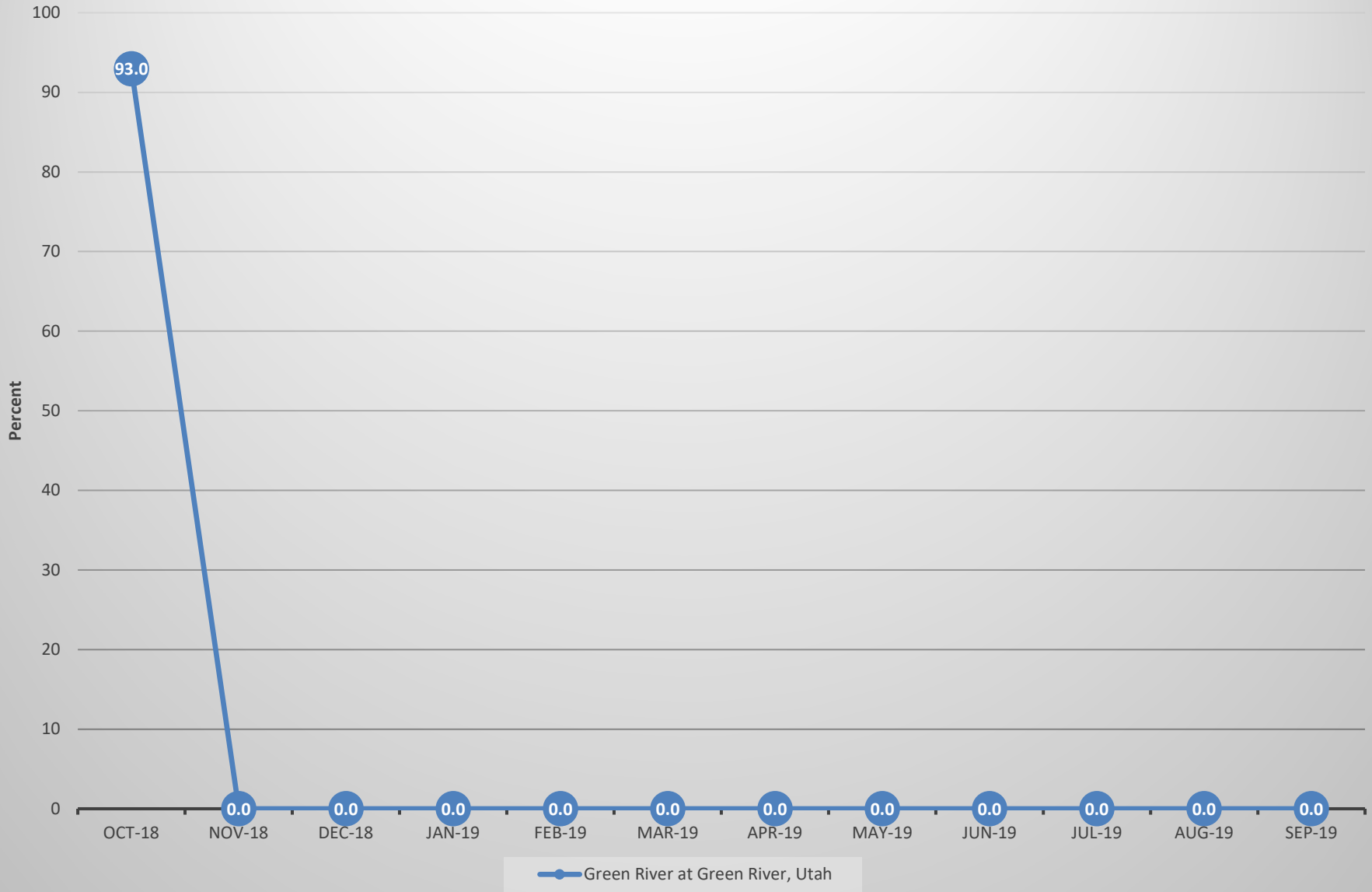
# Colorado River near Cisco, UT

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



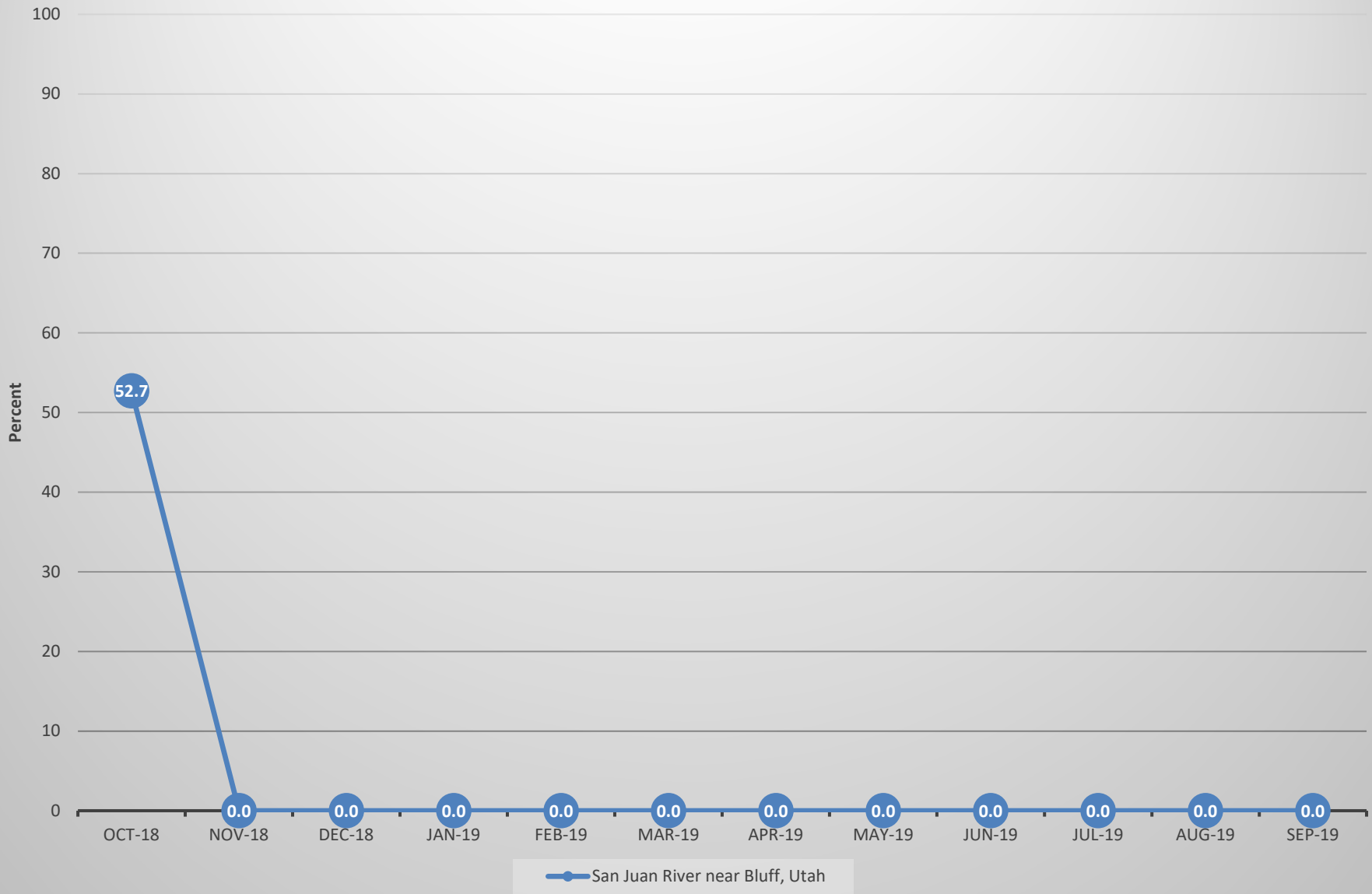
# Green River at Green River, UT

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



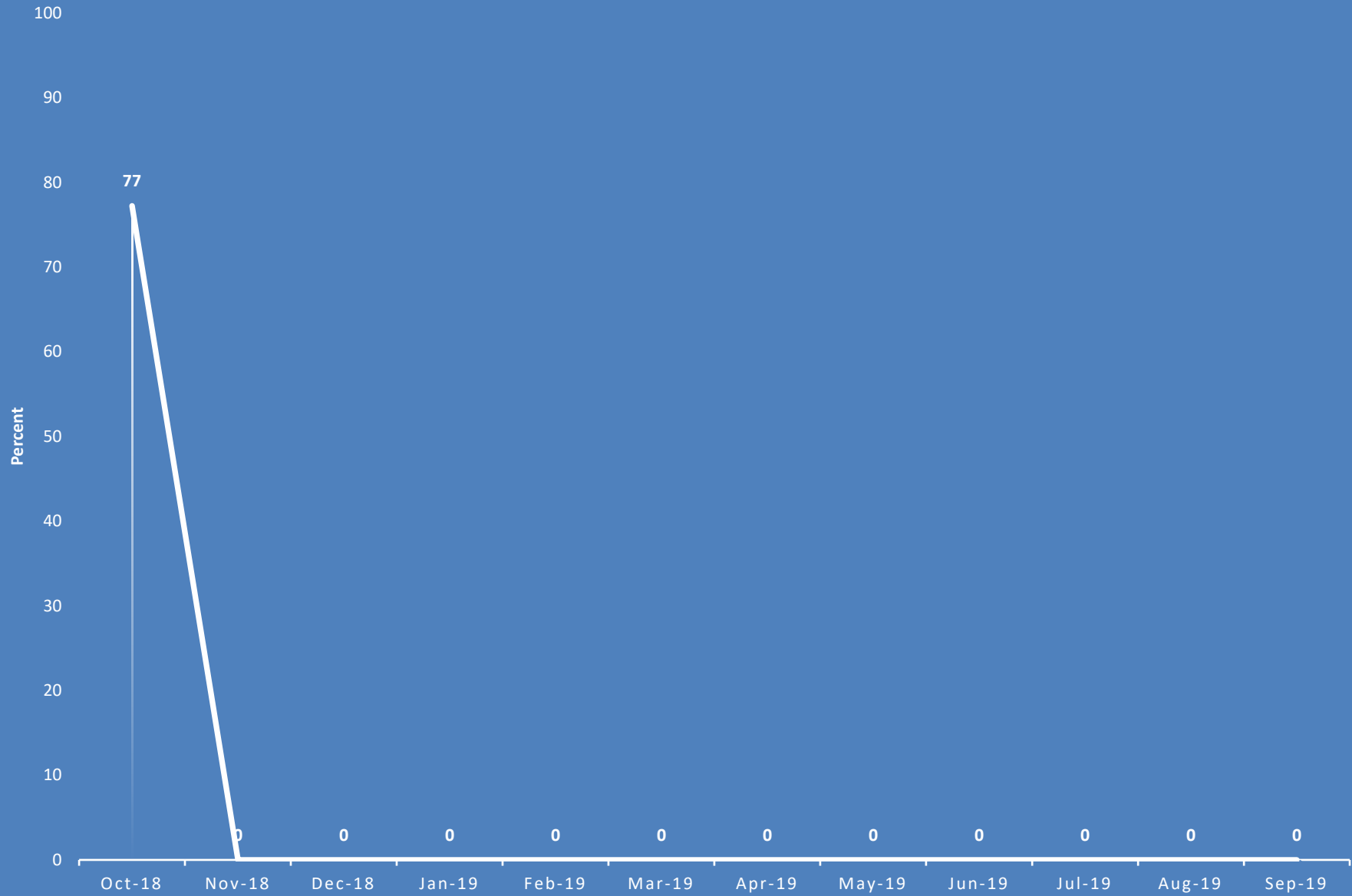
# San Juan near Bluff, UT

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

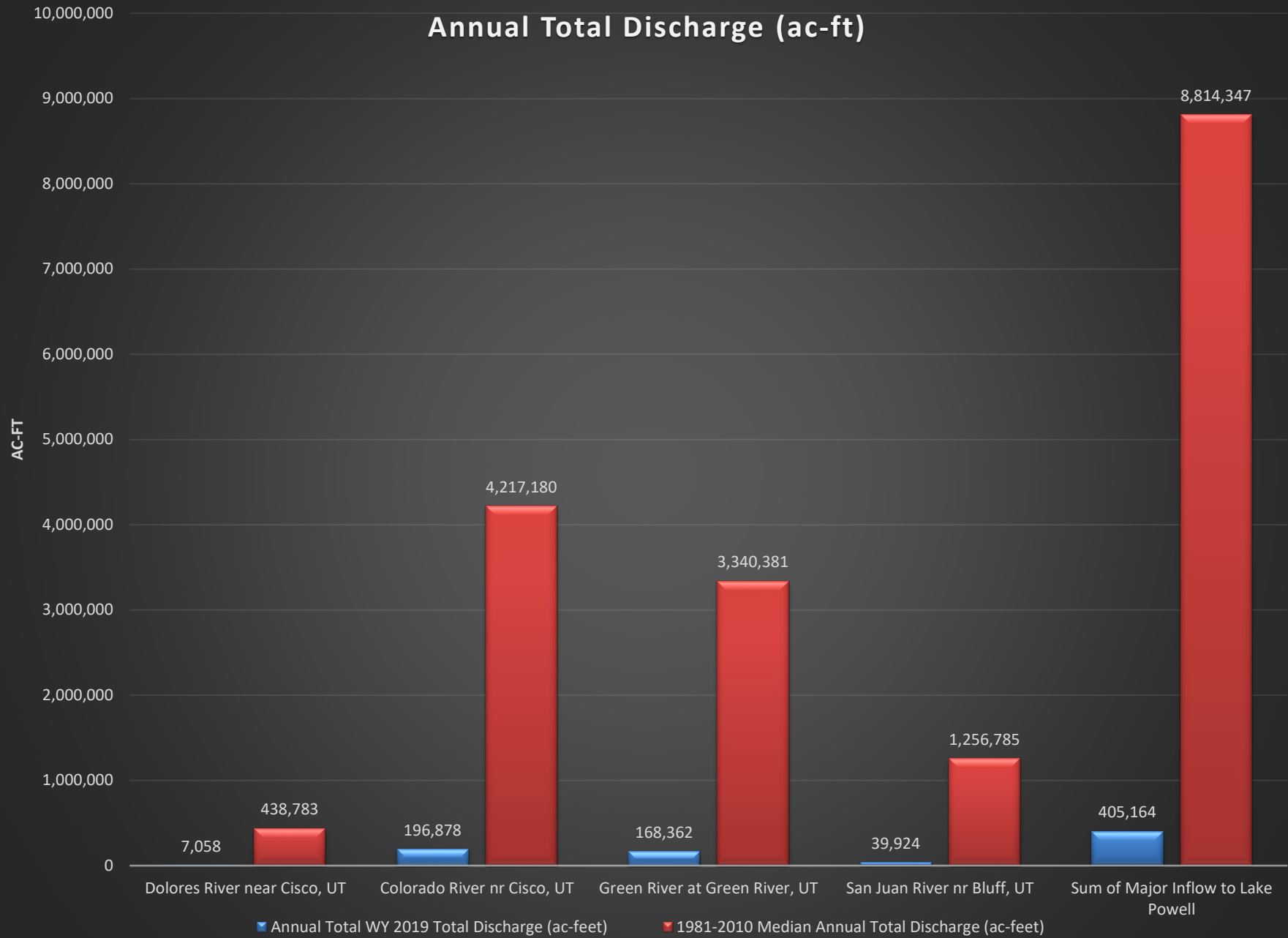




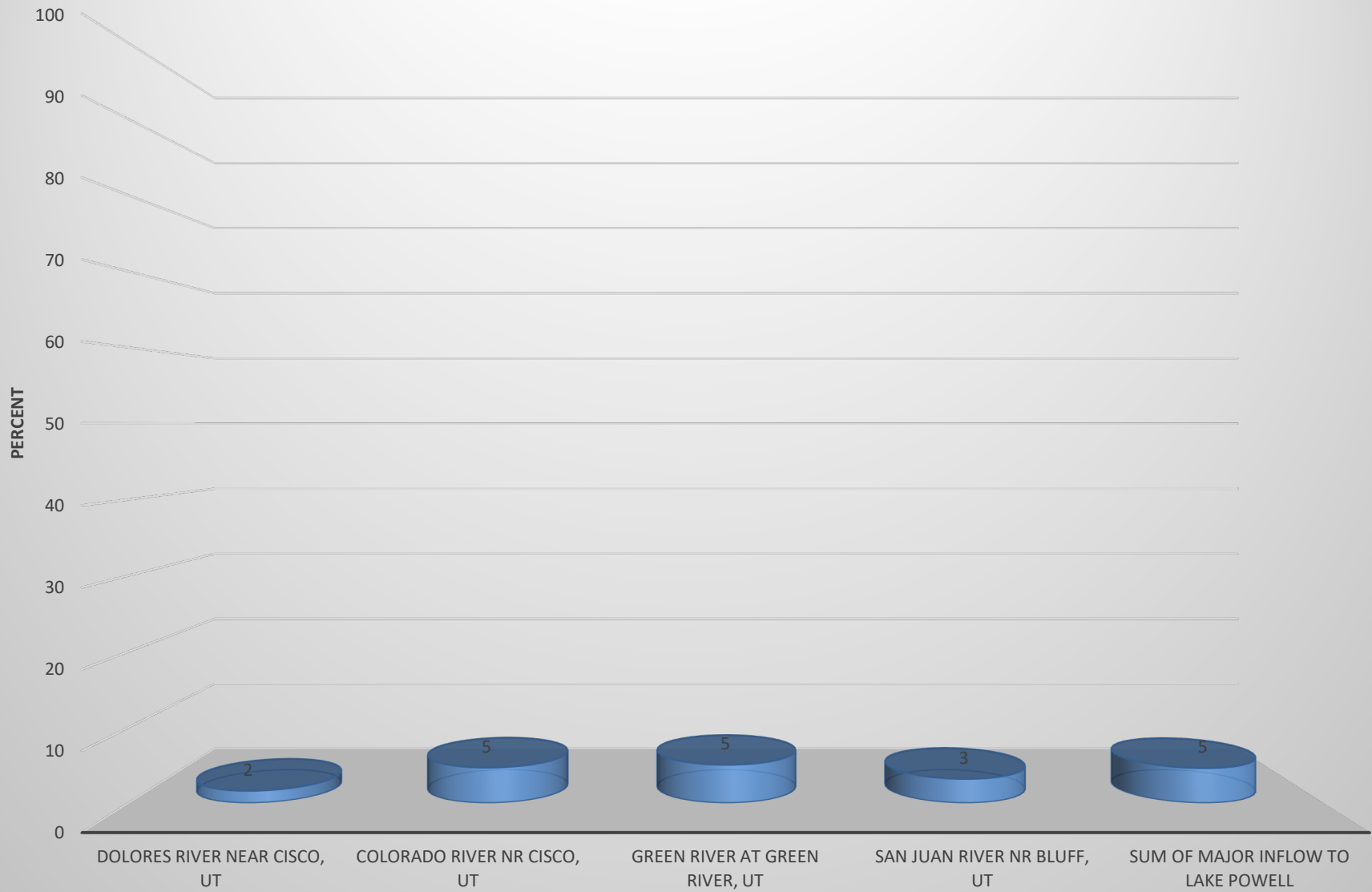
# SUM OF FLOWS TO LAKE POWELL TOTAL MONTHLY DISCHARGE AS PERCENT OF 30 YEAR (1981-2010) MEDIAN



# Annual Total Discharge (ac-ft)



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



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