



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

# Utah Water Science Center

## *Upper Colorado River Streamflow and Reservoir Contents*

*Provisional Data for:*  
**January 2019**

*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)		PERCENT 30 YEAR MEDIAN	TOTAL ft <sup>3</sup> /s DAYS	ACRE FEET	MAXIMUM ft <sup>3</sup> /s	DAILY DATE	MINIMUM ft <sup>3</sup> /s	DAILY DATE
	(A)MEDIAN ft <sup>3</sup> /s (1981-2010)	MEAN ft <sup>3</sup> /s THIS MONTH							
	January	2019							
COLORADO RIVER NR CISCO, UTAH	3,325	2,246	68%	69,741	138,088	2,820	8-Jan	1,710	5-Jan
ADJUSTED (B)		2,293	69%	71,080	140,988				
GREEN RIVER AT GREEN RIVER, UT	2,499	2,851	114%	88,541	175,312	3,420	13-Jan	1,400	4-Jan
ADJUSTED (C)		1,387	56%	43,011	85,312				
SAN JUAN RIVER NEAR BLUFF, UT	1,026	566	55%	17,567	34,783	684	7-Jan	490	11-Jan
ADJUSTED (D)		410	40%	12,696	25,183				
DOLORES RIVER NR CISCO, UTAH	160	99	62%	3,087	6,113	172	19-Jan	48	3-Jan
ADJUSTED (E)		108	68%	3,345	6,634				

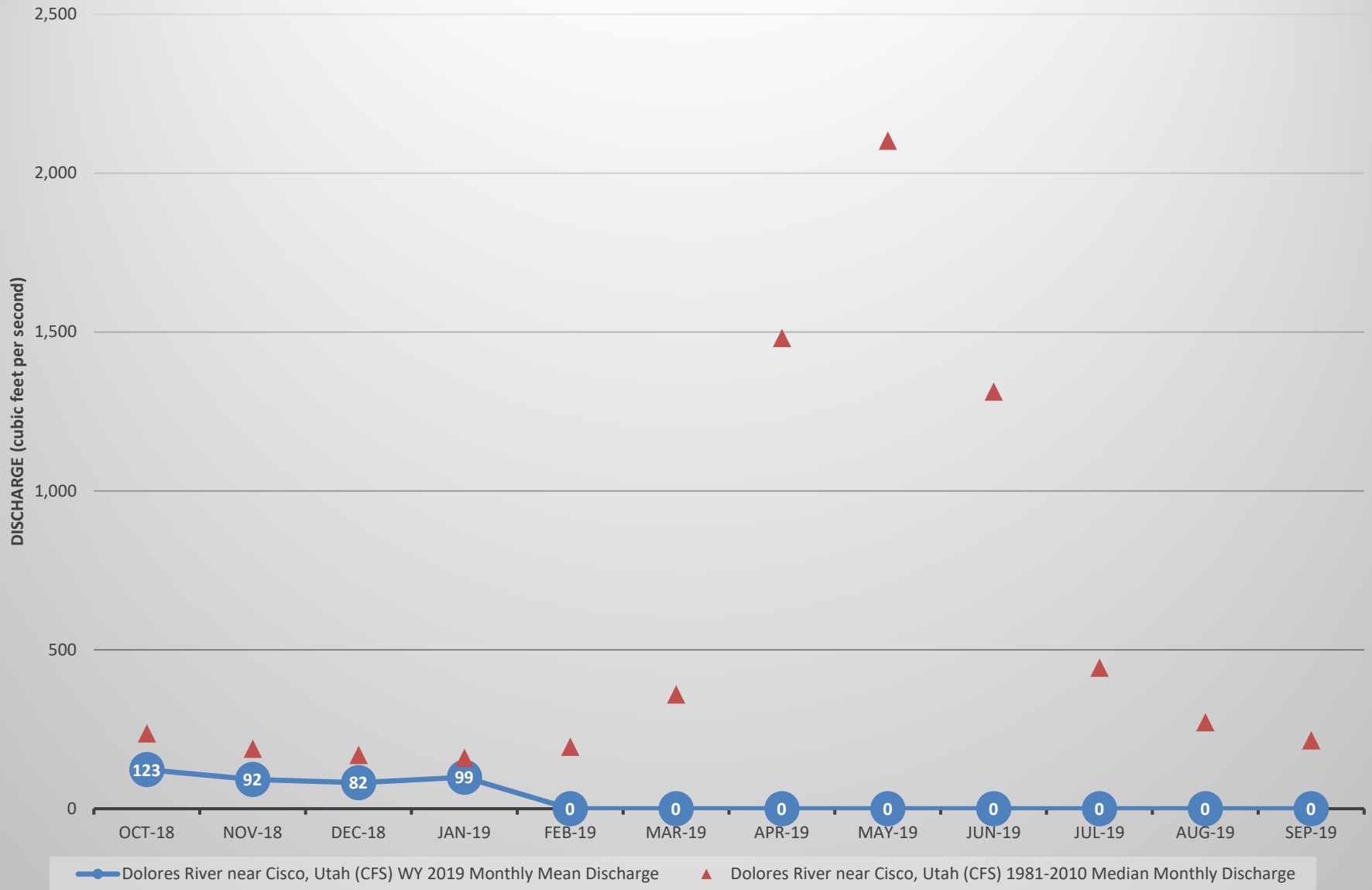
- (A) MEDIAN OF MEAN DISCHARGES FOR THE MONTH FOR 30-YR PERIOD 1981-2010  
 (B) ADJUSTED FOR CHANGE IN STORAGE IN BLUE MESA RESERVOIR. STORAGE BEGAN OCT. 27, 1965  
 (C) ADJUSTED FOR CHANGE IN STORAGE IN FLAMING GORGE RESERVOIR & FONTENELLE RESERVOIR, STORAGE BEGAN NOV. 1, 1962 & OCT., 1964 RESPECTIVELY.  
 (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	168,554	521	168,033
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	251,700	2,900	248,800
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,197,700	-55,500	3,253,200
FONTENELLE RESERVOIR AT FONTENELLE, WYOMING (b)	4,280	344,300	149,600	-34,500	184,100
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	869,100	-9,600 NIIP 0	878,700
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	9,629,200	-469,700	10,098,900
TOTALS		31,620,800	14,097,300	-566,400	14,663,700

(a) Preliminary Data  
(b) Approximate

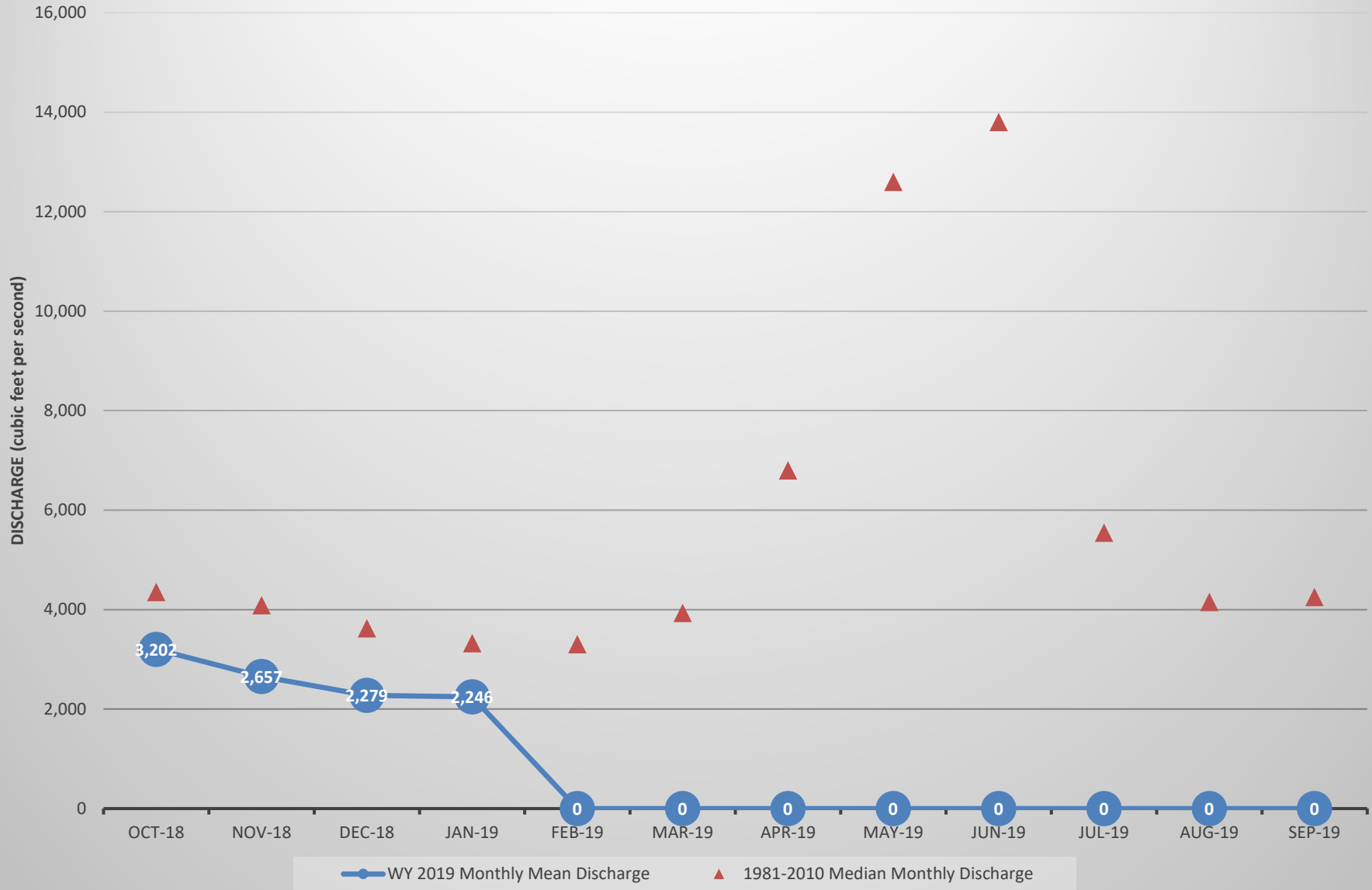
# Dolores River near Cisco, UT

## Monthly Mean Discharge (cubic feet per second)

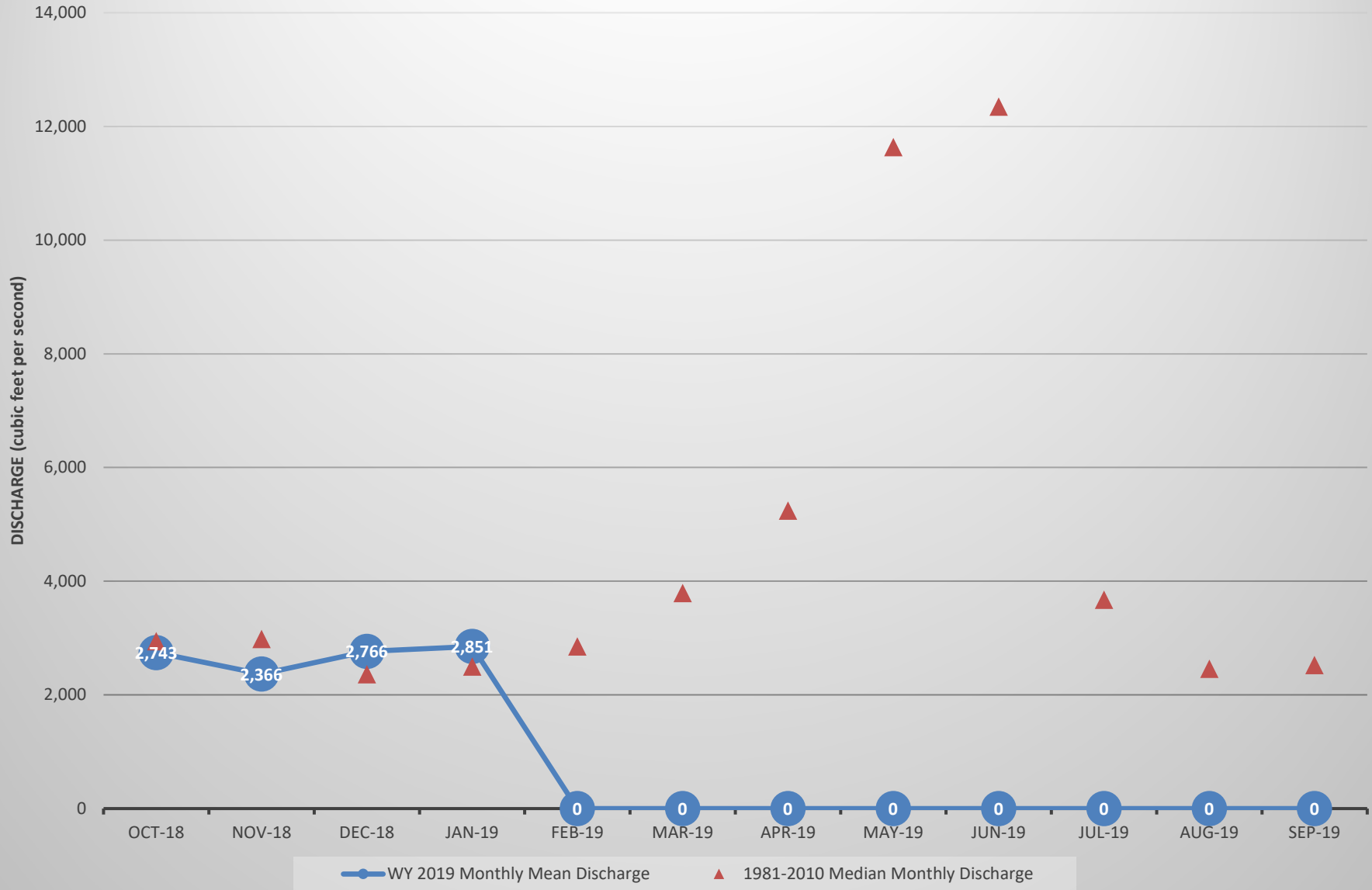


# Colorado River near Cisco, UT

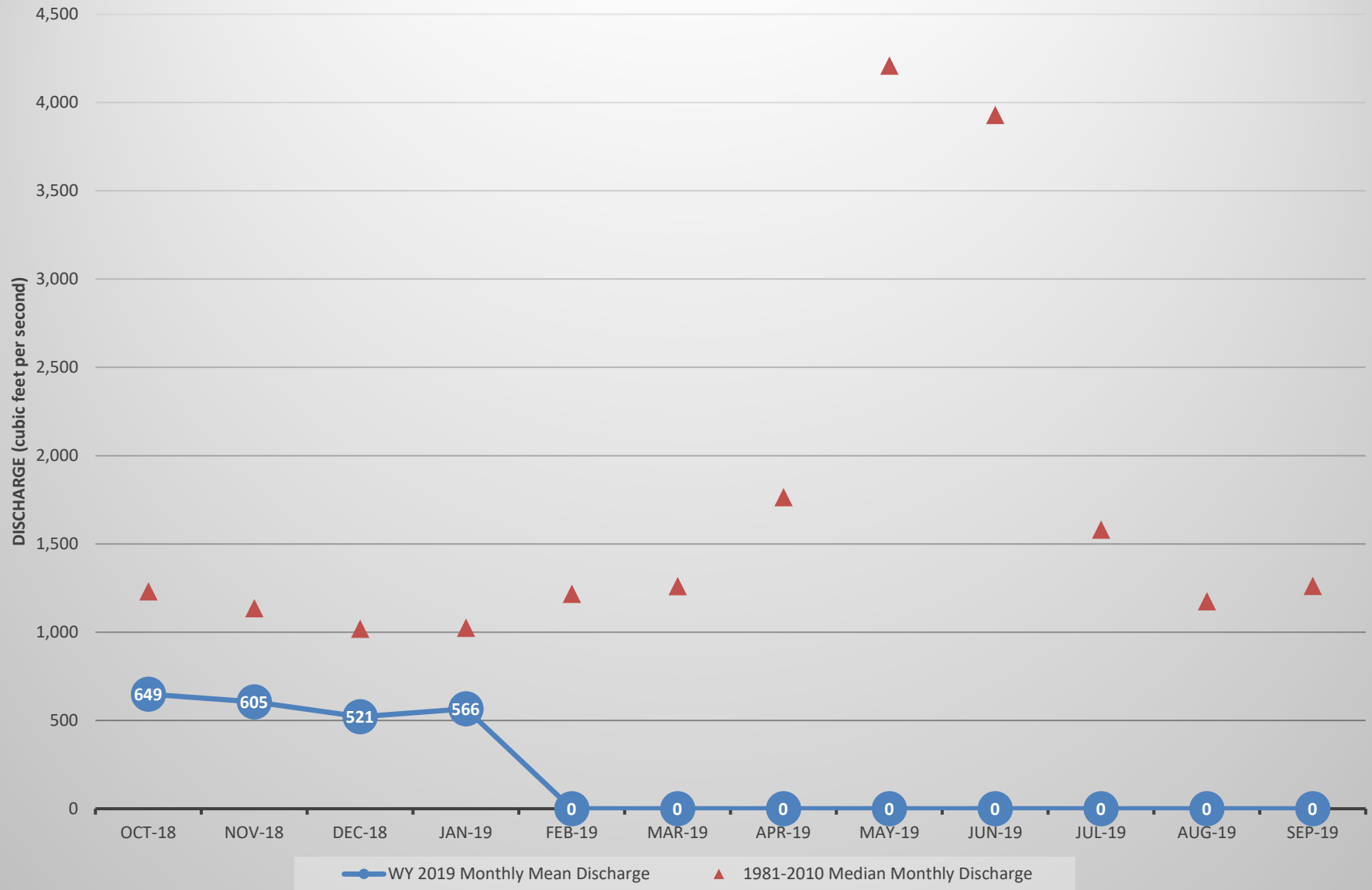
## Monthly Mean Discharge (cubic feet per second)



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

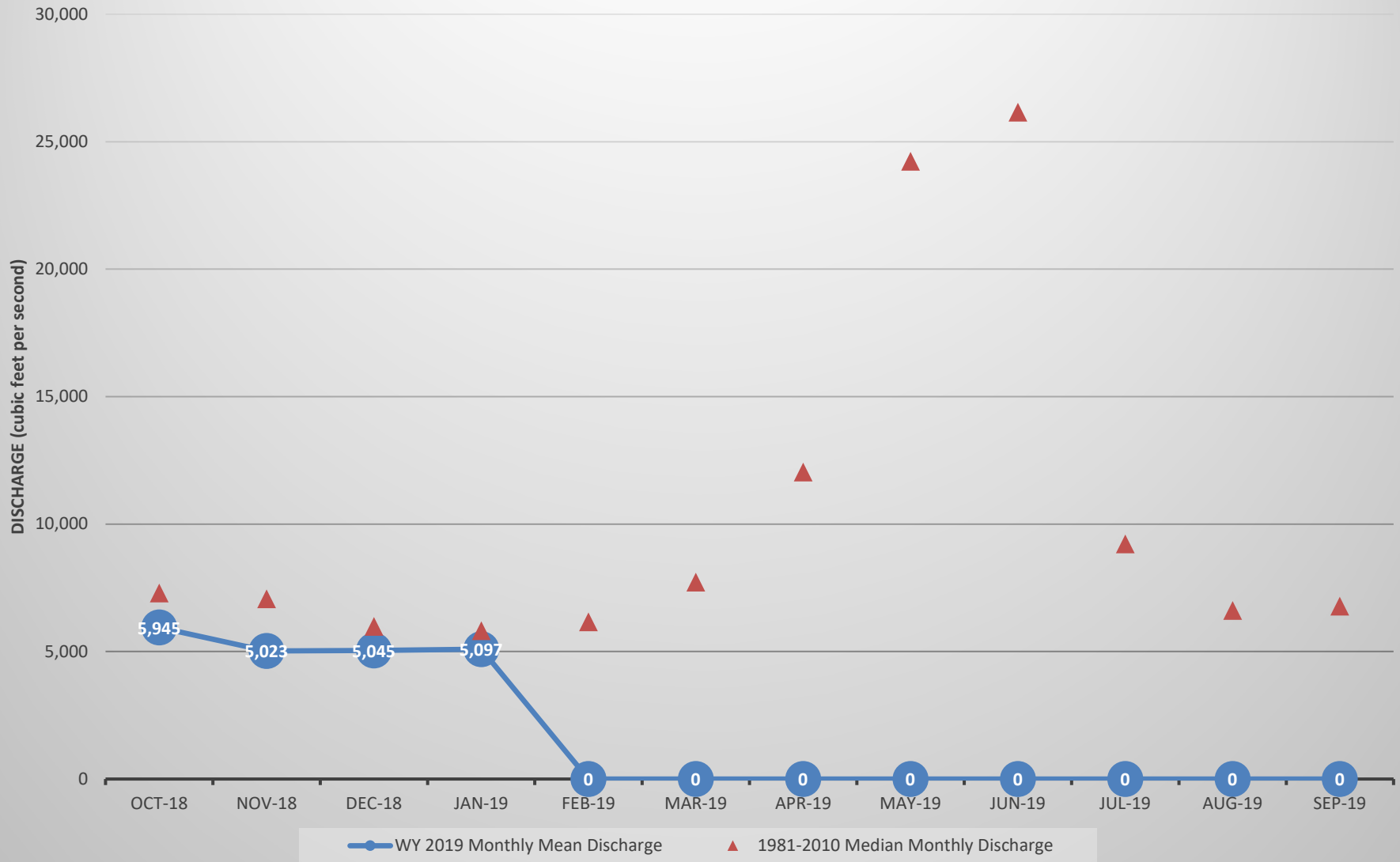


## San Juan River near Bluff, UT Monthly Mean Discharge (cubic feet per second)

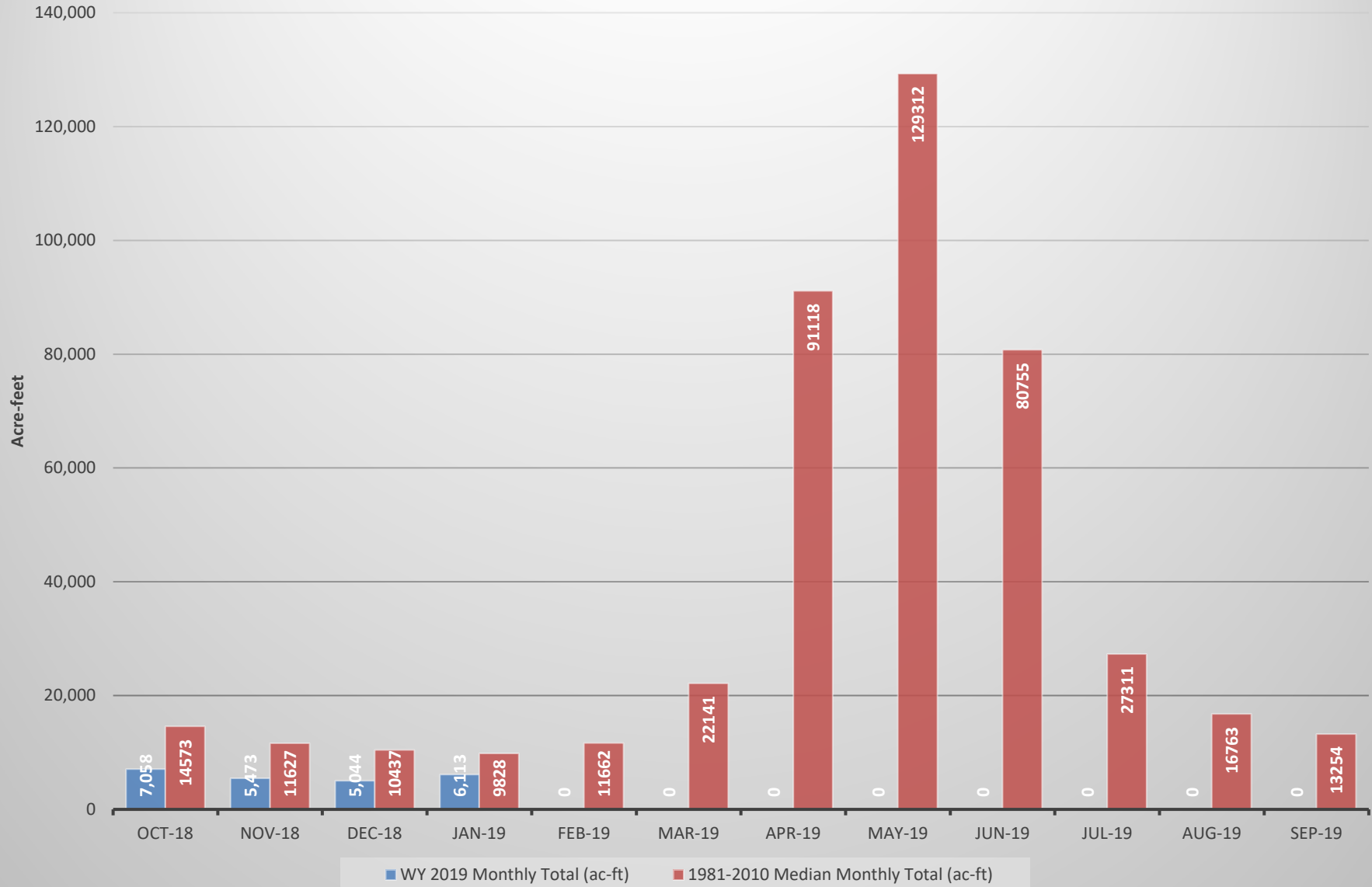


# Estimated Flow at Confluence

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

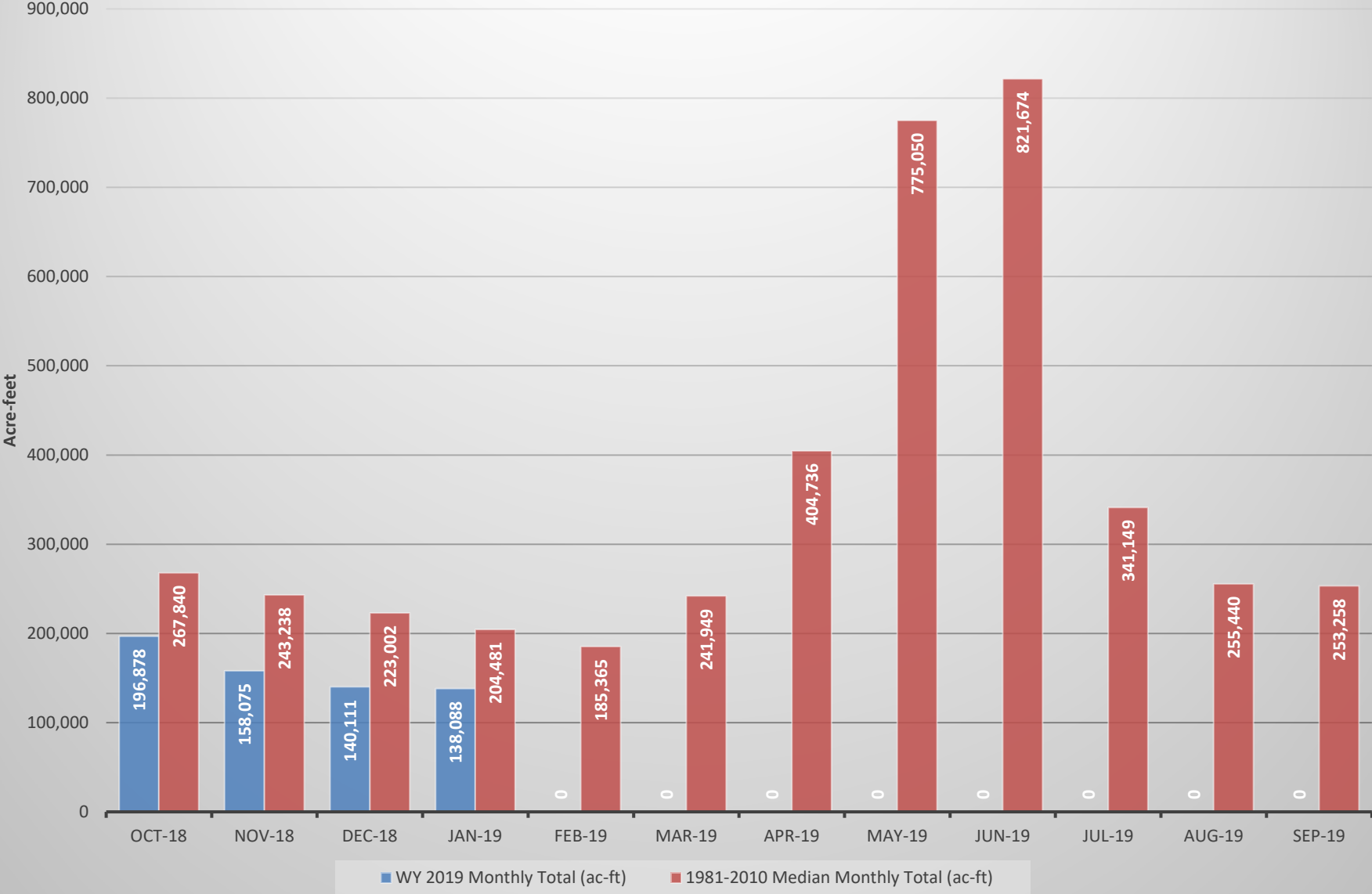


## Dolores River near Cisco, Utah Total Monthly Discharge (ac-ft)

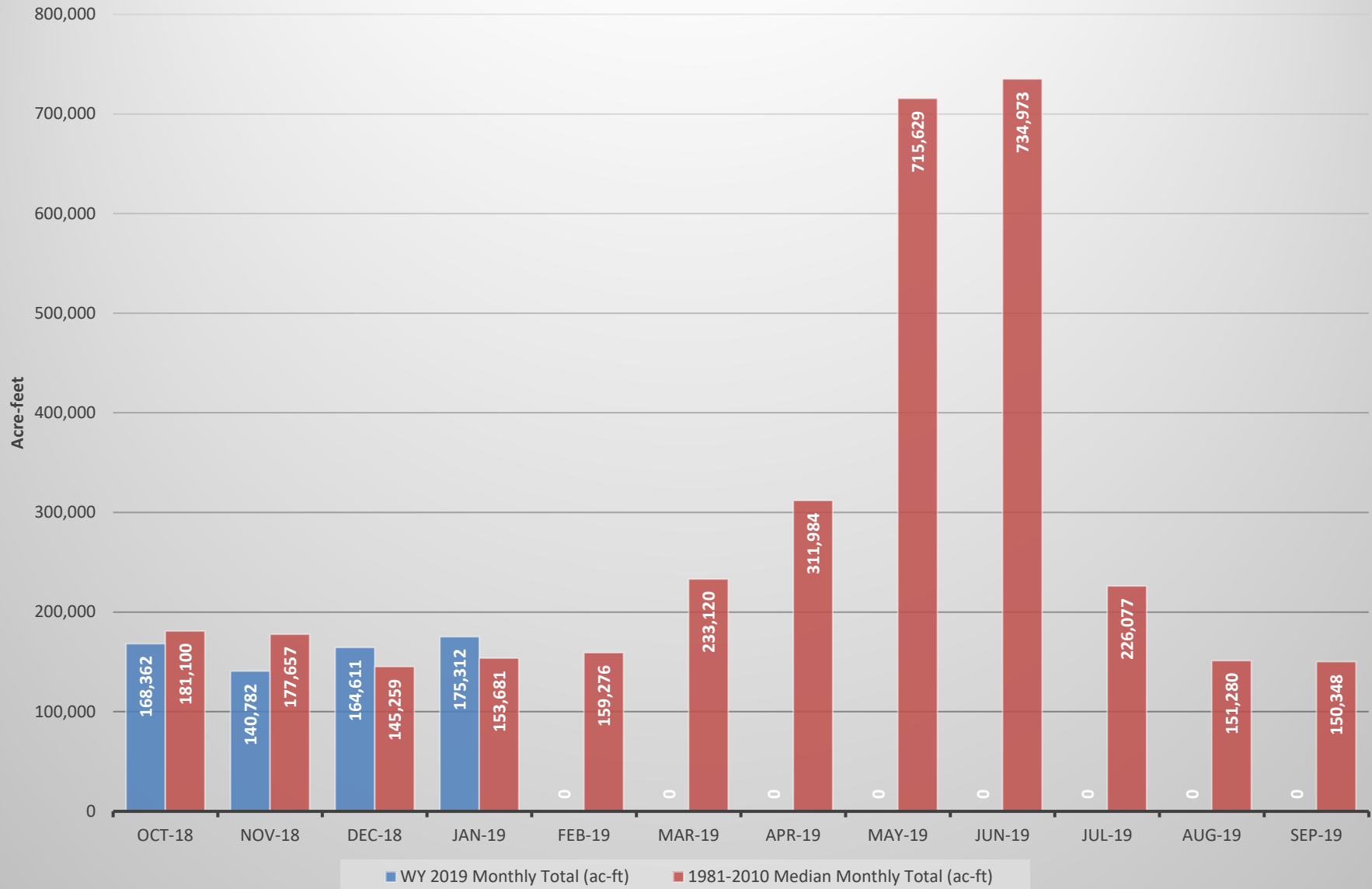




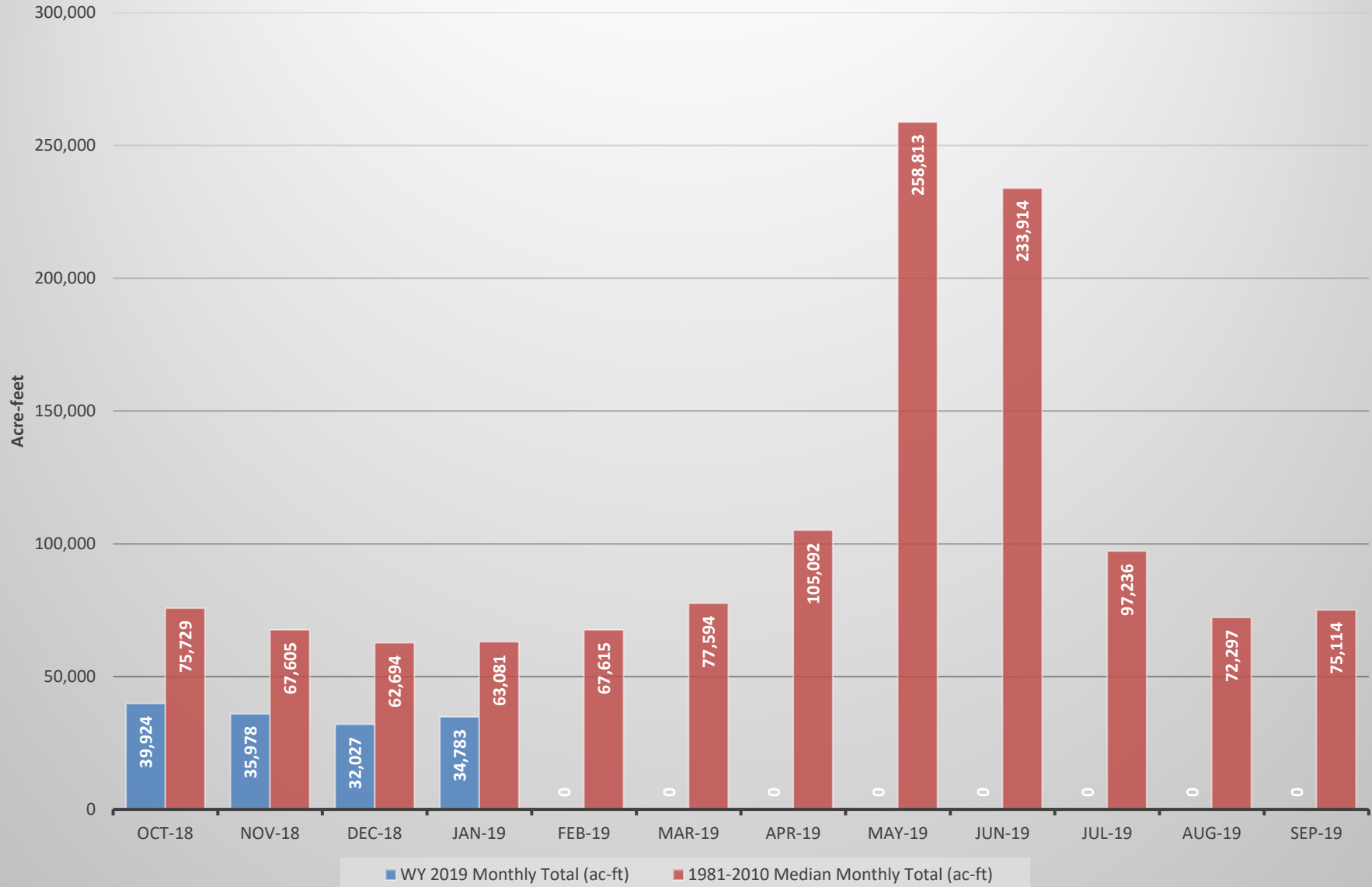
# Colorado River near Cisco, Utah Total Monthly Discharge (ac-ft)



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

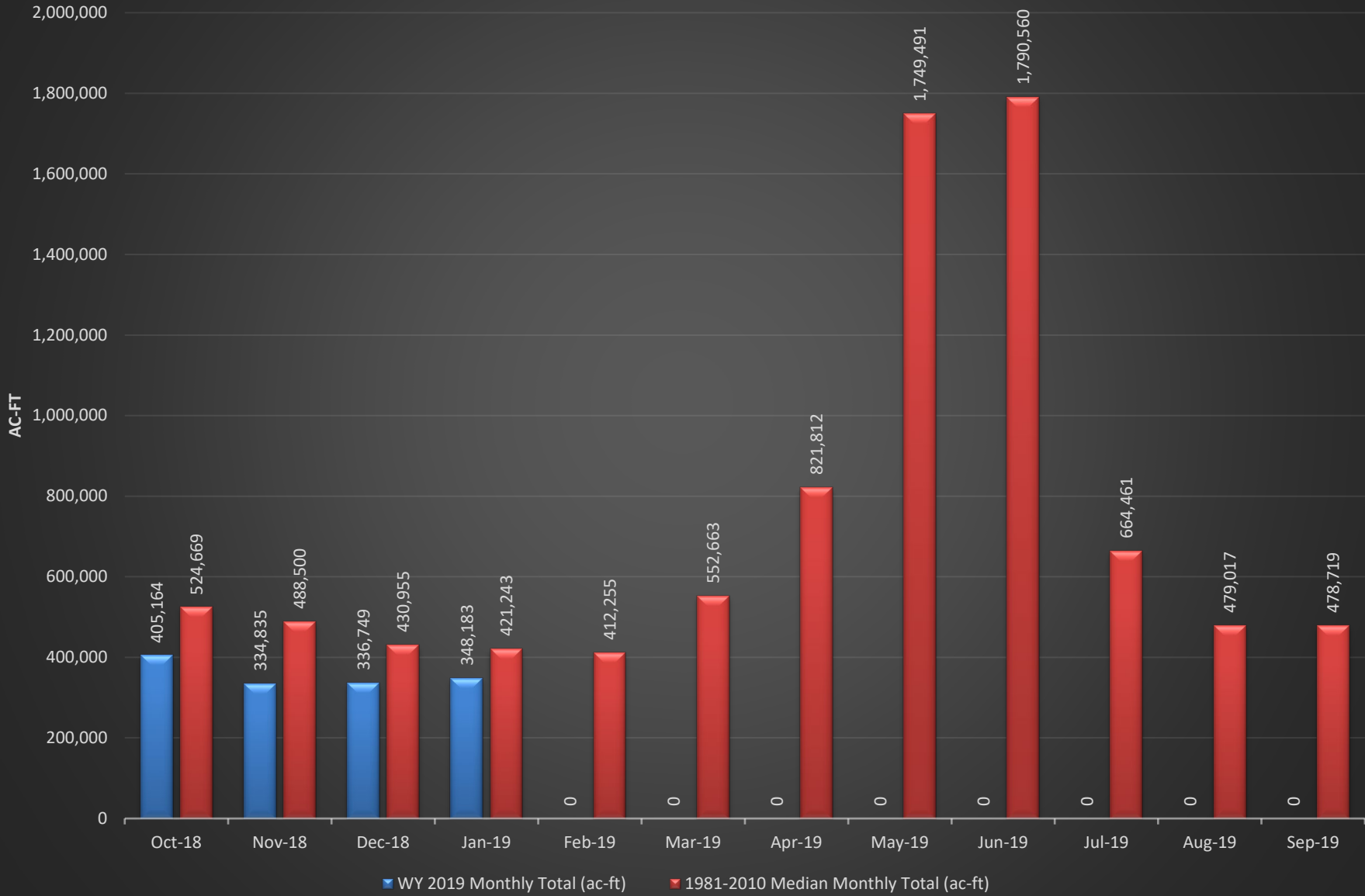


## San Juan River near Bluff, Utah Total Monthly Discharge (ac-ft)



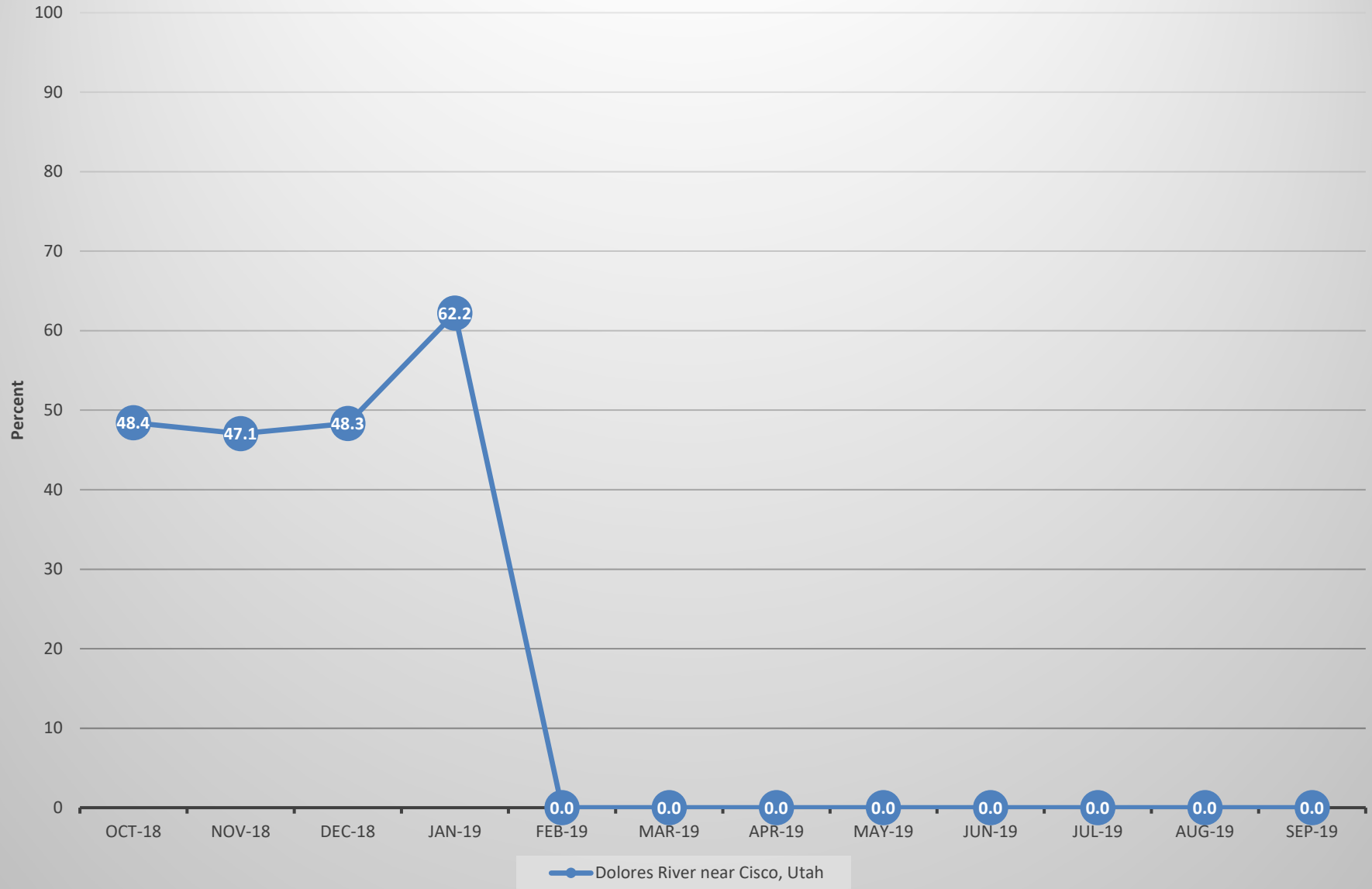
# SUM OF MAJOR INFLOWS TO LAKE POWELL

## Total Monthly Discharge (ac-ft)



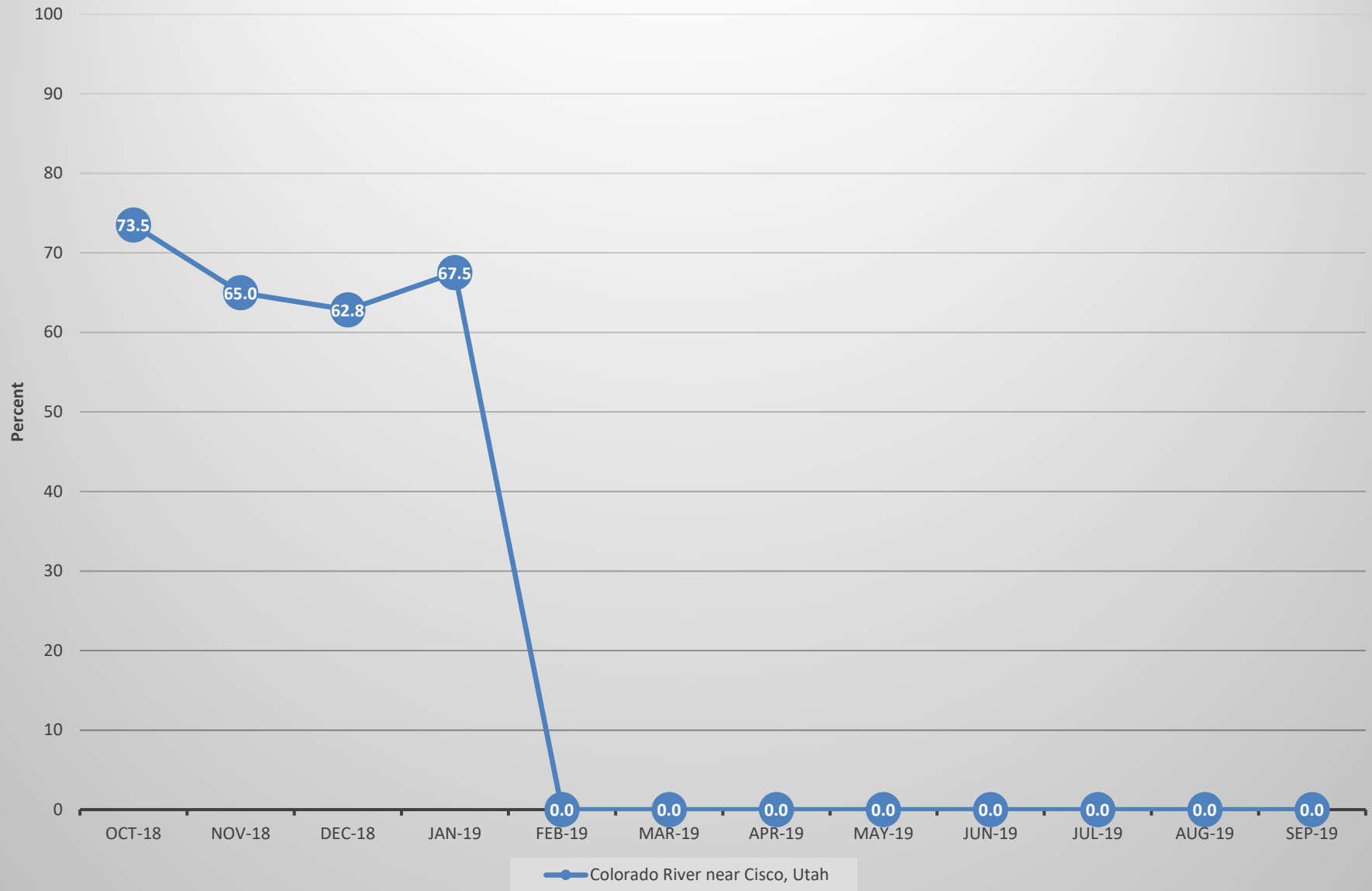
# Dolores River near Cisco, UT

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



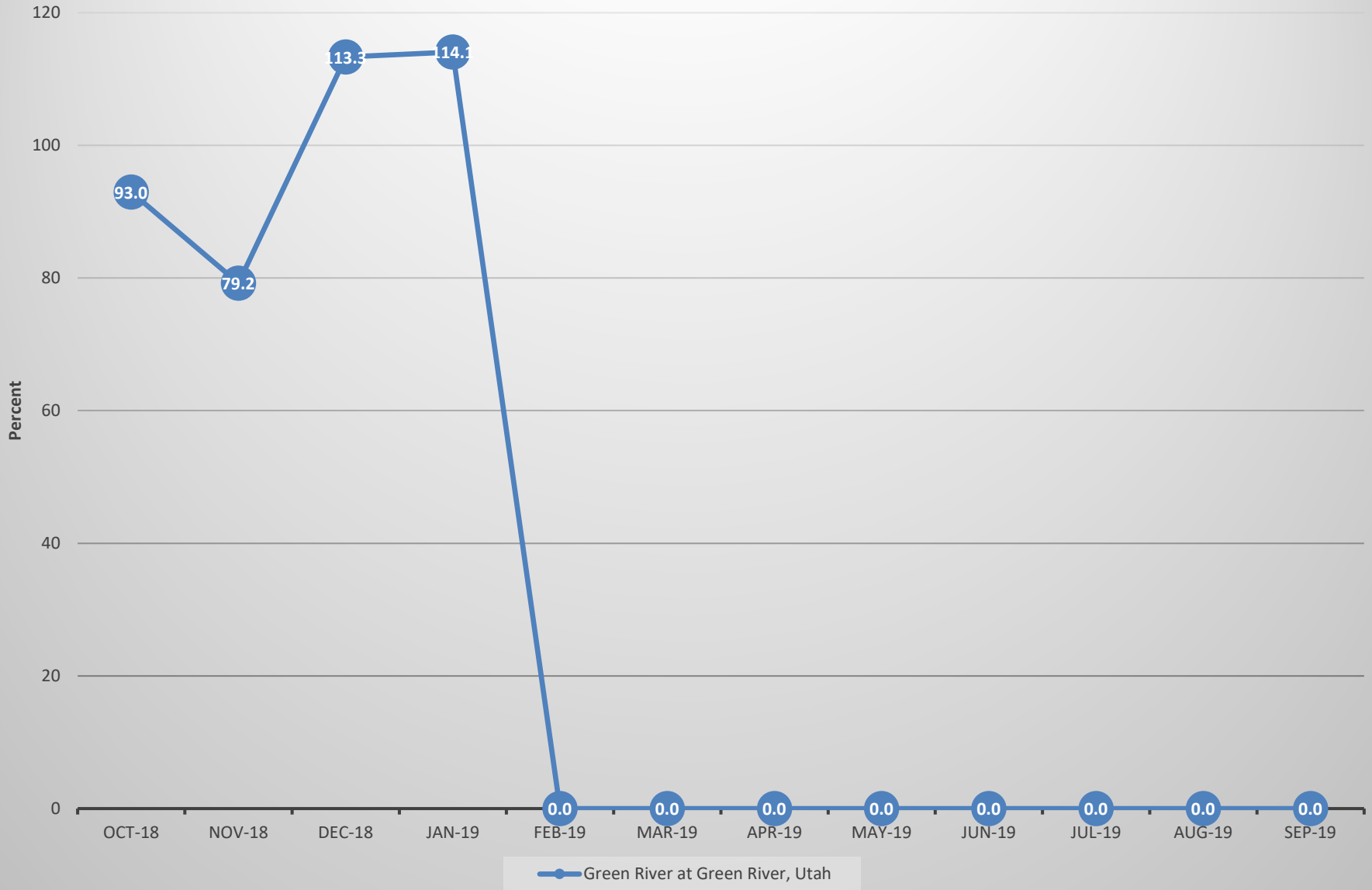
# Colorado River near Cisco, UT

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



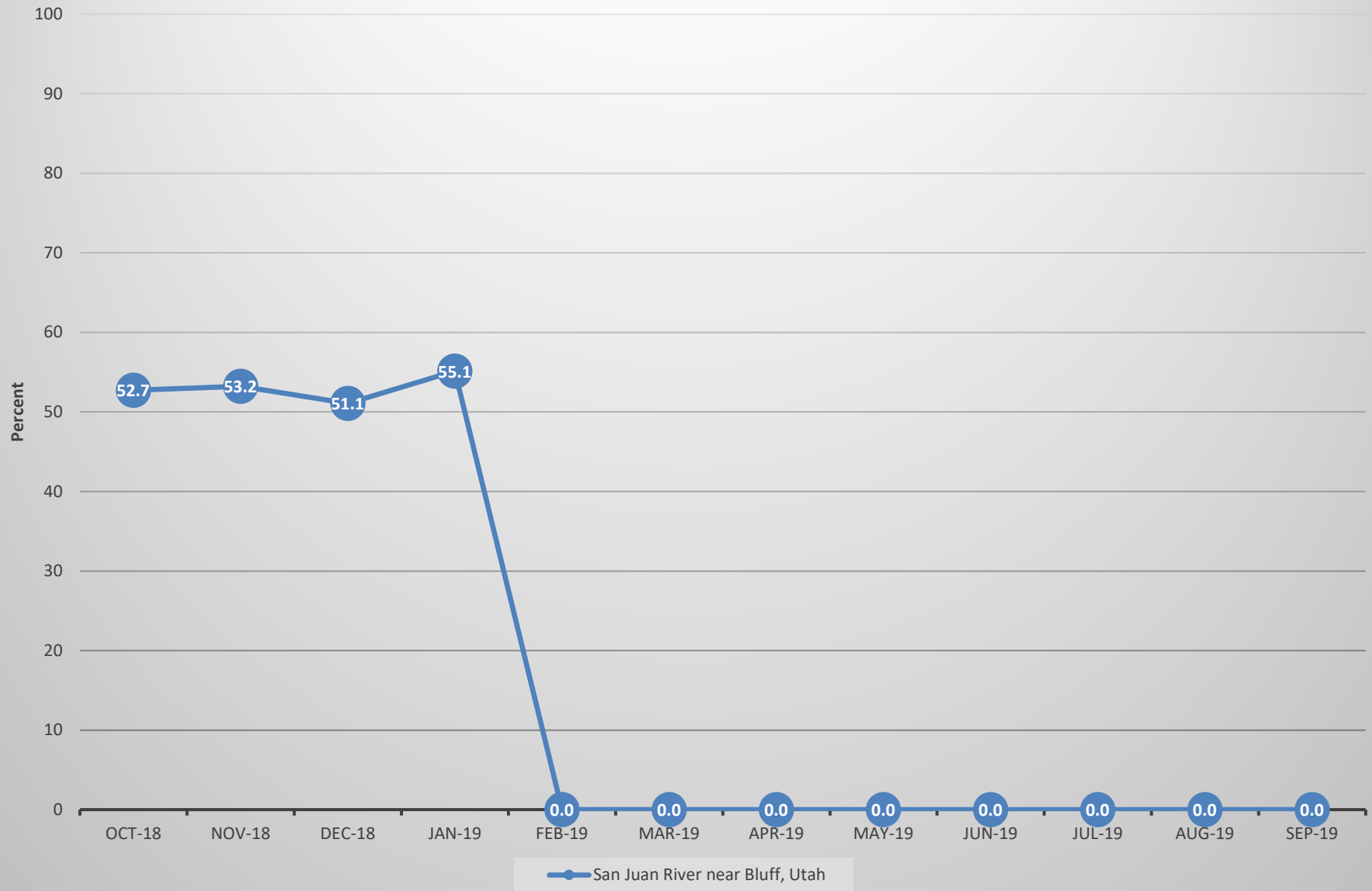
# Green River at Green River, UT

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



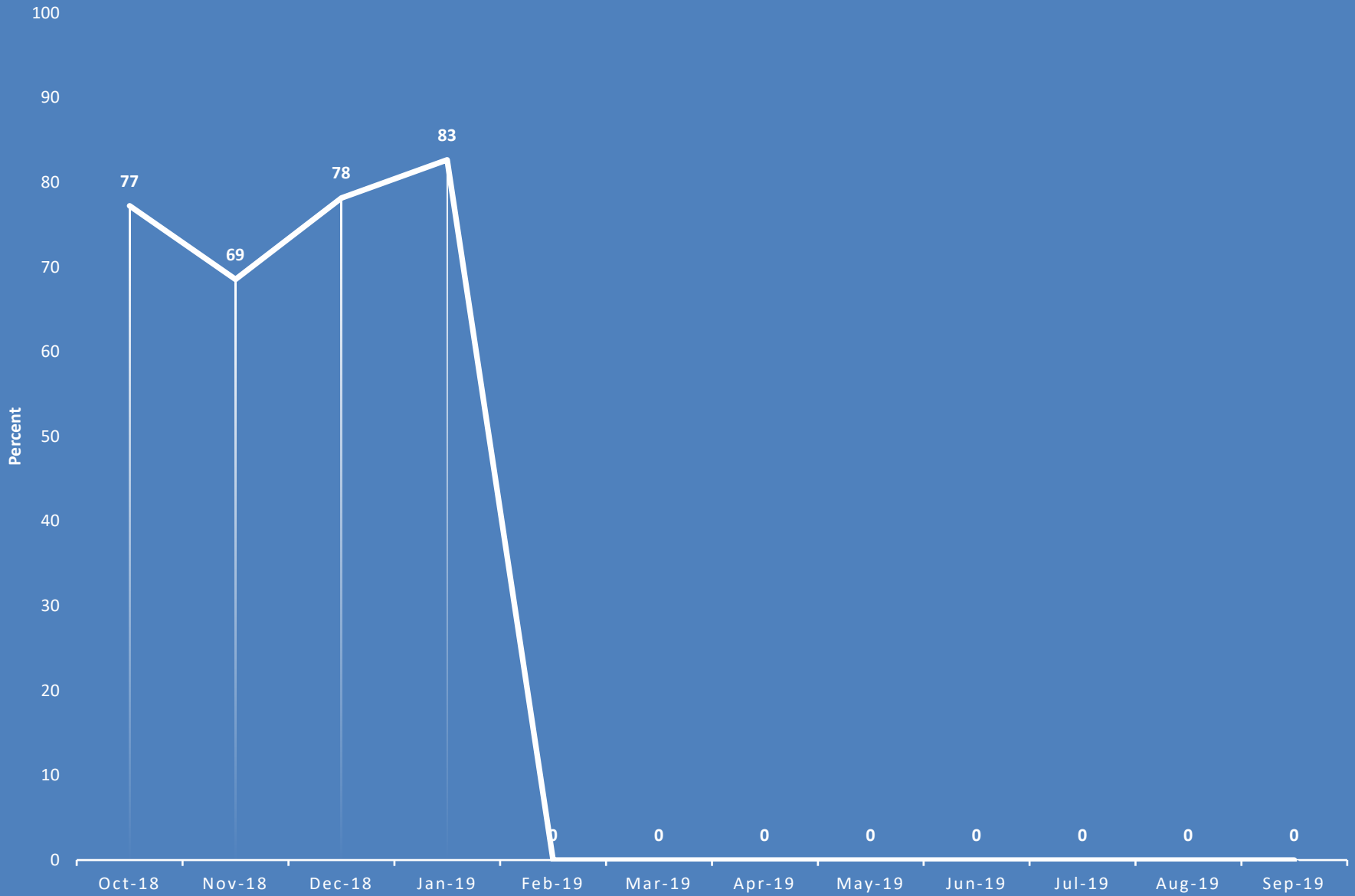
# San Juan near Bluff, UT

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

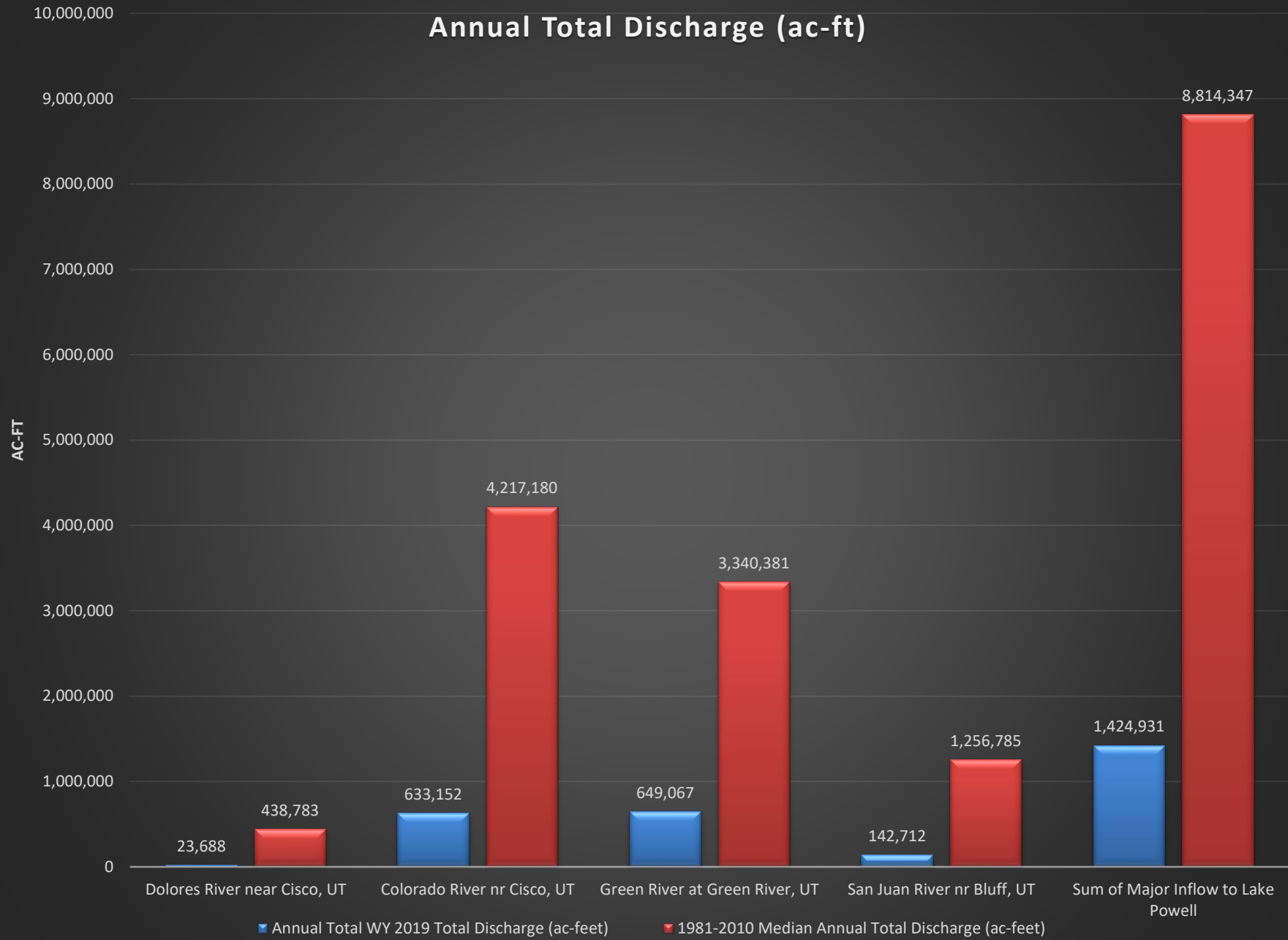




# SUM OF FLOWS TO LAKE POWELL TOTAL MONTHLY DISCHARGE AS PERCENT OF 30 YEAR (1981-2010) MEDIAN



# Annual Total Discharge (ac-ft)



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

