



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

Utah Water Science Center

Upper Colorado River Streamflow and Reservoir Contents

Provisional Data for:
December 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

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

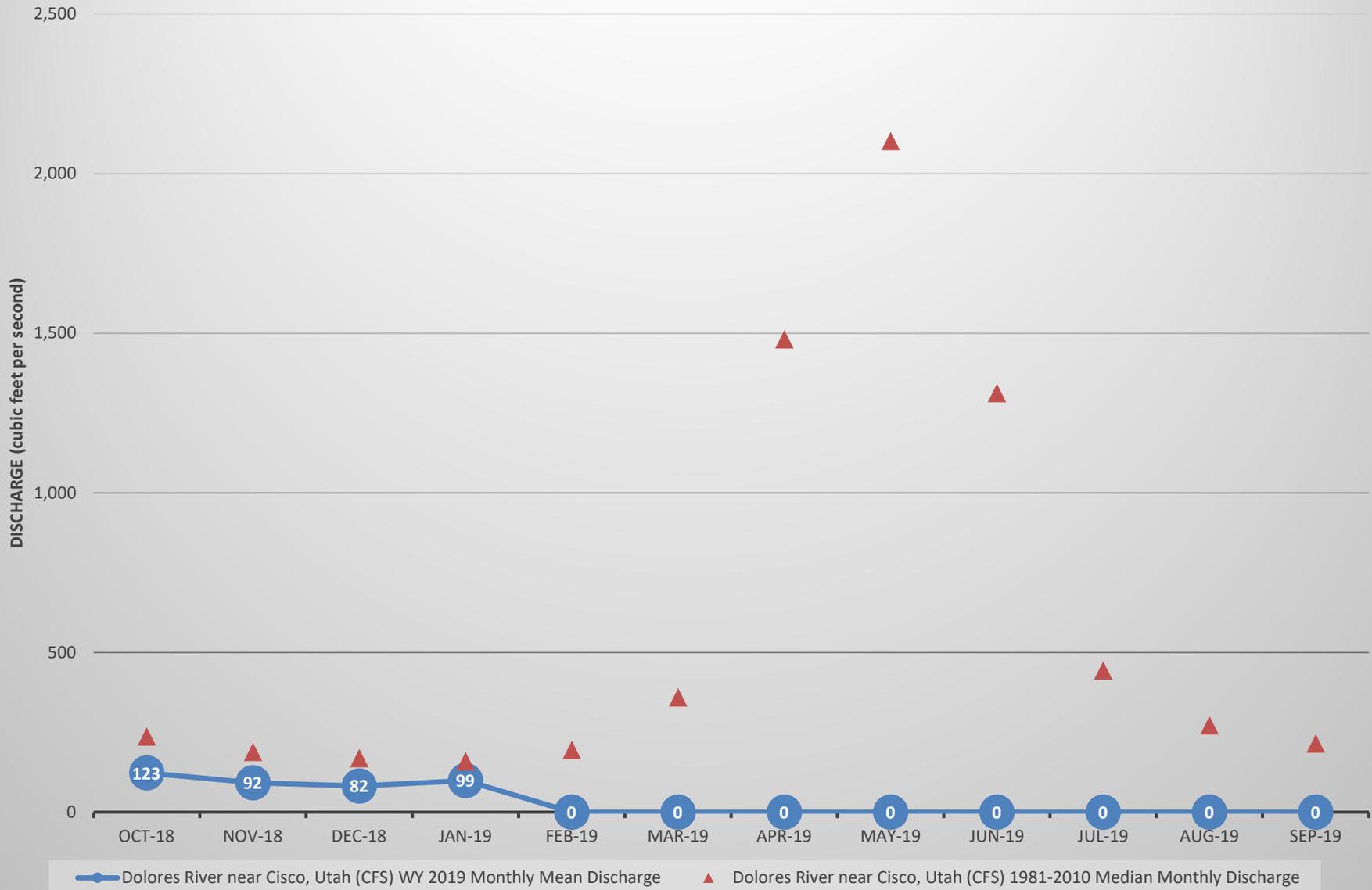
STREAM	MONTHLY DISCHARGE (a)				ACRE FEET	MAXIMUM ft ³ /s	DAILY DATE	MINIMUM ft ³ /s	DAILY DATE
	(A)MEDIAN ft ³ /s	MEAN ft ³ /s	PERCENT 30 YEAR	TOTAL ft ³ /s					
	(1981-2010)	THIS MONTH	MEDIAN	DAYS					
COLORADO RIVER NR CISCO, UTAH	3,627	2,279	63%	70,763	140,111	2,660	1-Dec	1,960	31-Dec
ADJUSTED (B)		2,258	62%	69,983	138,811				
GREEN RIVER AT GREEN RIVER , UT	2,362	2,766	117%	83,137	164,611	3,090	29-Dec	2,100	31-Dec
ADJUSTED (C)		1,135	48%	35,196	69,811				
SAN JUAN RIVER NEAR BLUFF, UT	1,019	521	51%	16,175	32,027	637	10-Dec	465	25-Dec
ADJUSTED (D)		368	36%	11,408	22,627				
DOLORES RIVER NR CISCO, UTAH	170	82	48%	2,548	5,044	138	1-Dec	56	30-Dec
ADJUSTED (E)		58	34%	1,813	3,596				

- (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

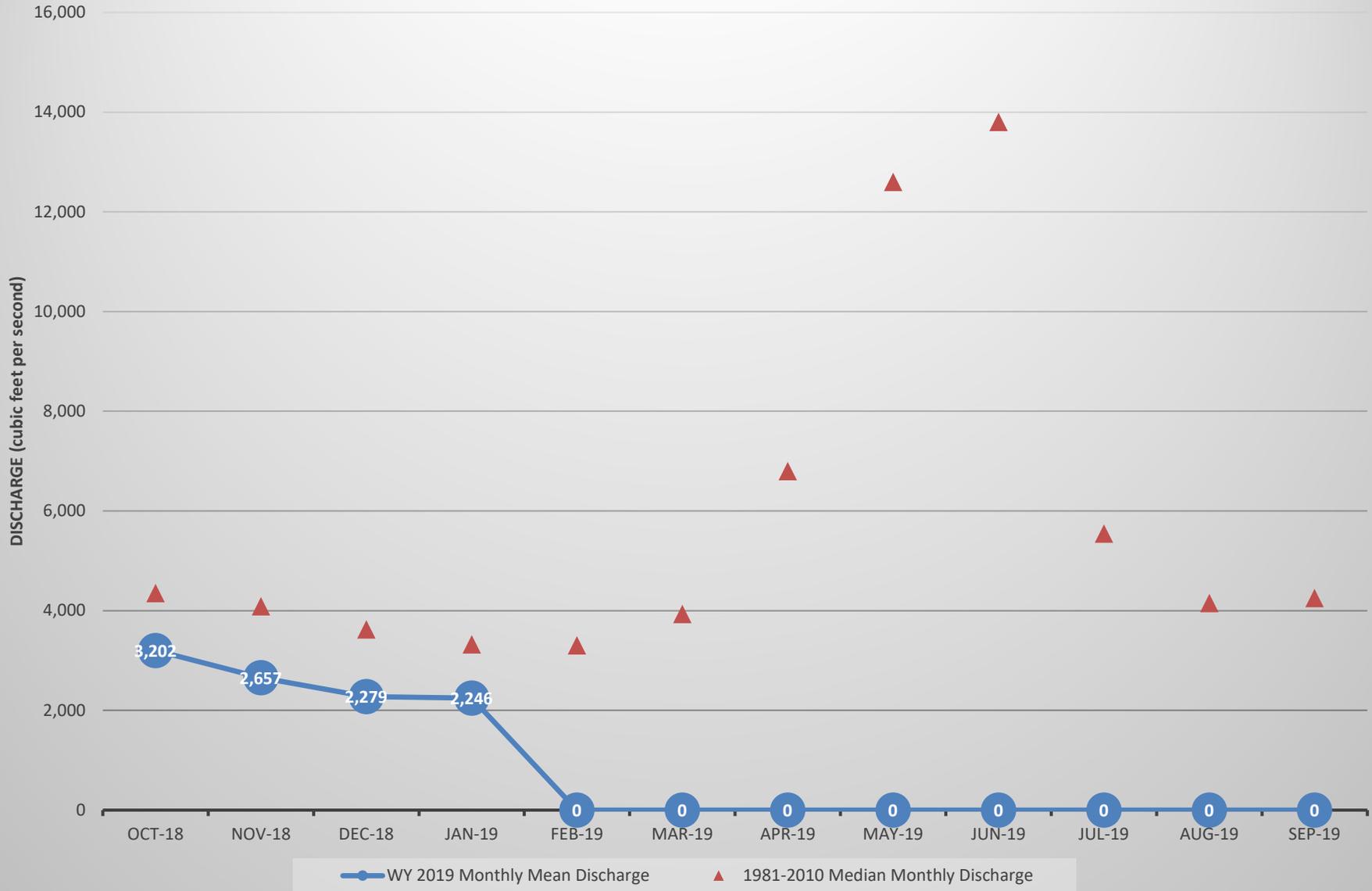
RESERVOIR	DRAINAGE ABOVE DAM (Mi ²)	USABLE CAPACITY (AC-FT)	END OF MO. USABLE CONTENTS (AC-FT)	CHANGE DURING MONTH (AC-FT)	PREVIOUS MONTH
MCPHEE RESERVOIR, MONTEZUMA COUNTY, CO	809	229,200	168,033	-1,448	169,481
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	248,800	-1,300	250,100
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,253,200	-63,100	3,316,300
FONTENELLE RESERVOIR AT FONTENELLE , WYOMING (b)	4,280	344,300	184,100	-31,700	215,800
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	878,700	-9,400 NIIP 0	888,100
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	10,098,900	-407,700	10,506,600
TOTALS		31,620,800	14,663,700	-513,200	15,176,900

(a) Preliminary Data
(b) Approximate

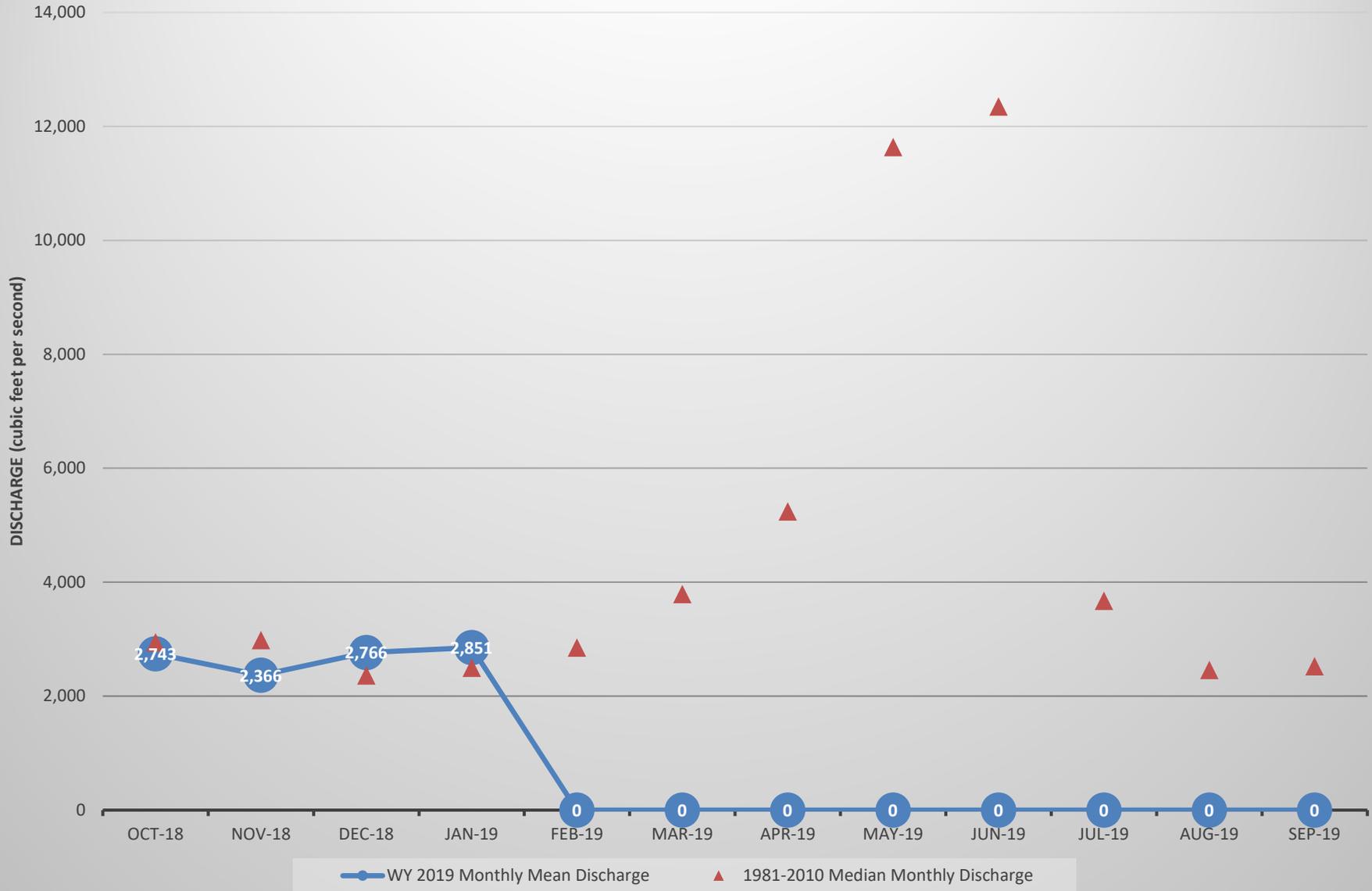
Dolores River near Cisco, UT Monthly Mean Discharge (cubic feet per second)



Colorado River near Cisco, UT Monthly Mean Discharge (cubic feet per second)

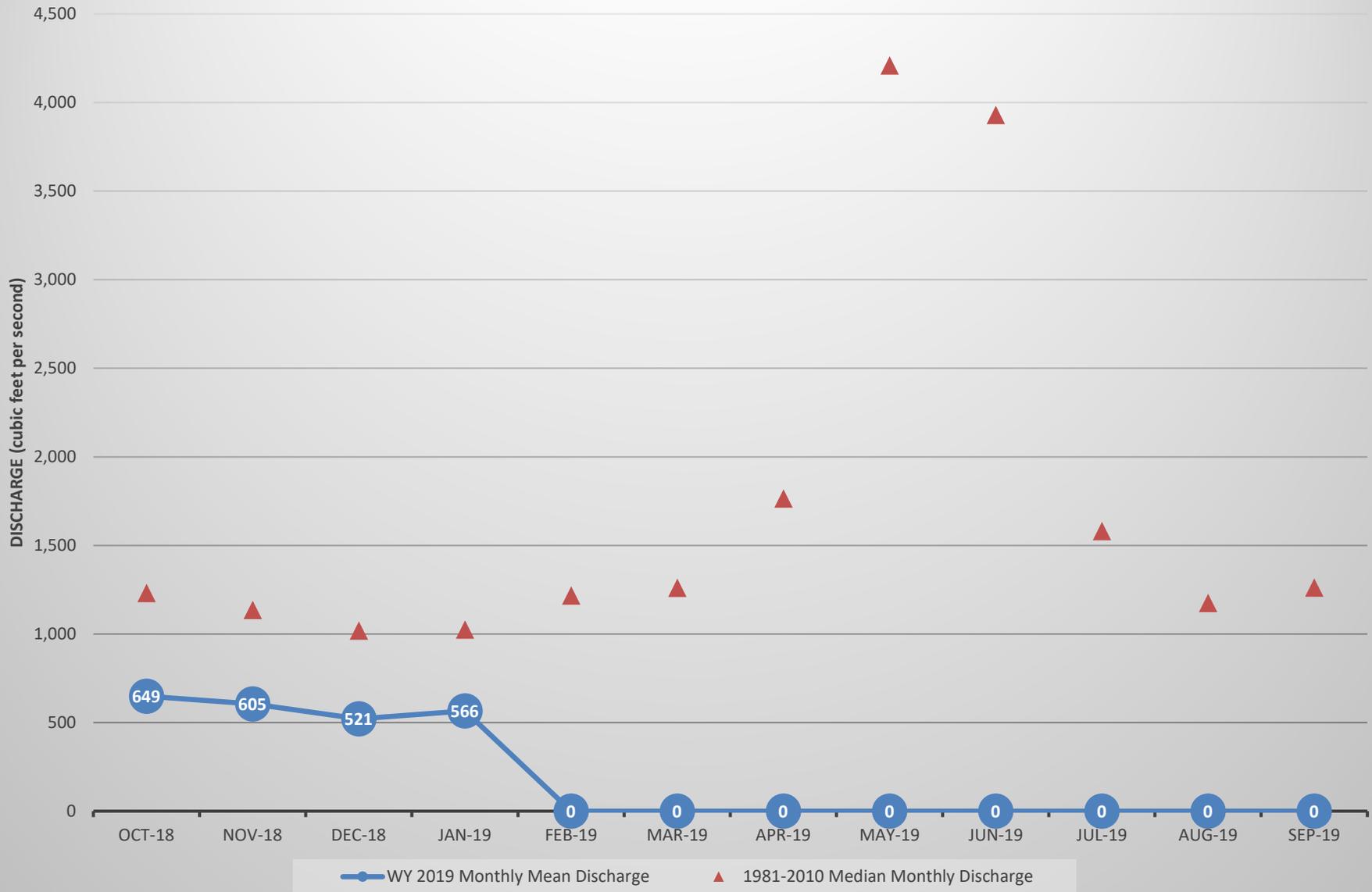


Green River at Green River, UT Monthly Mean Discharge (cubic feet per second)



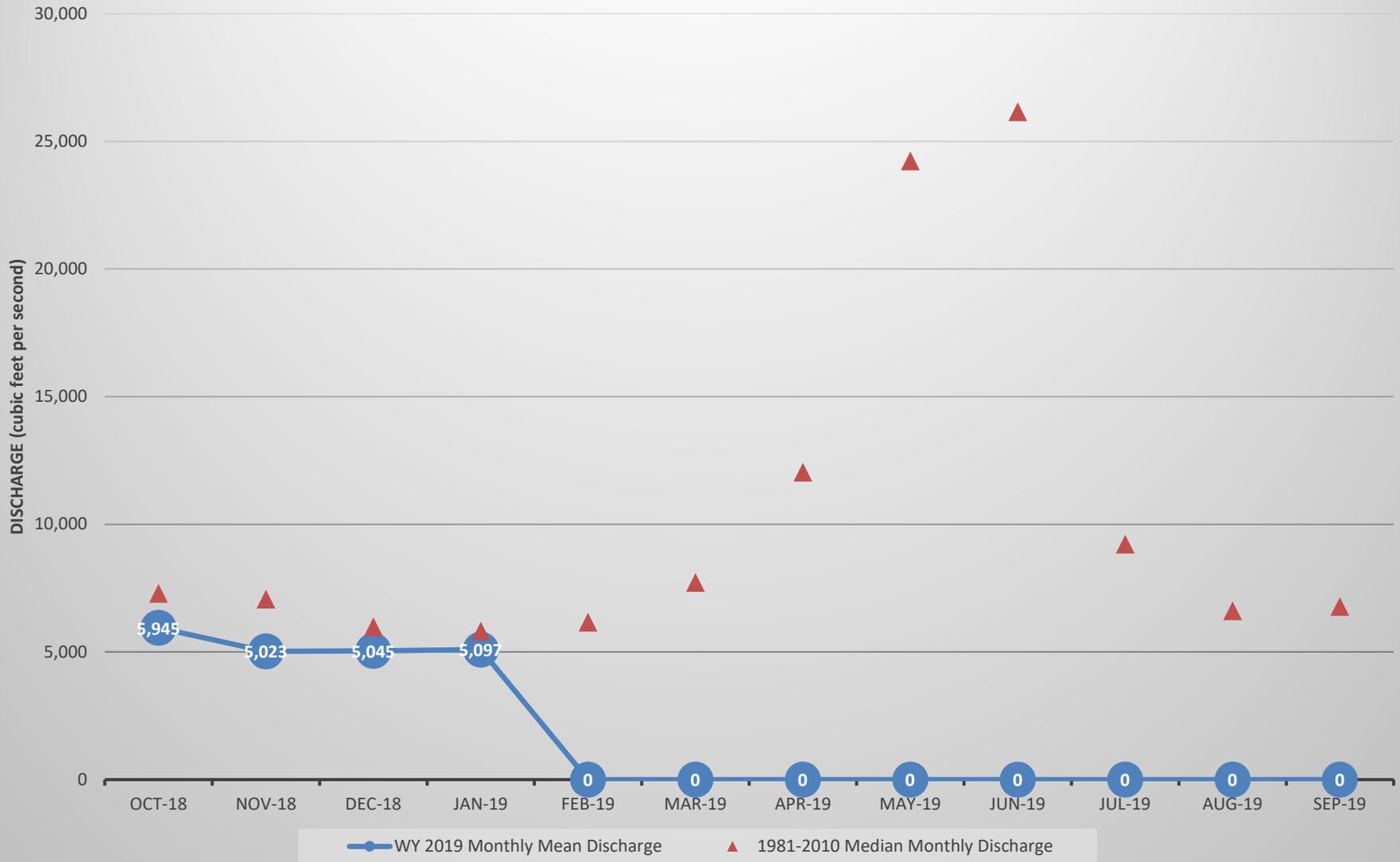
San Juan River near Bluff, UT

Monthly Mean Discharge (cubic feet per second)

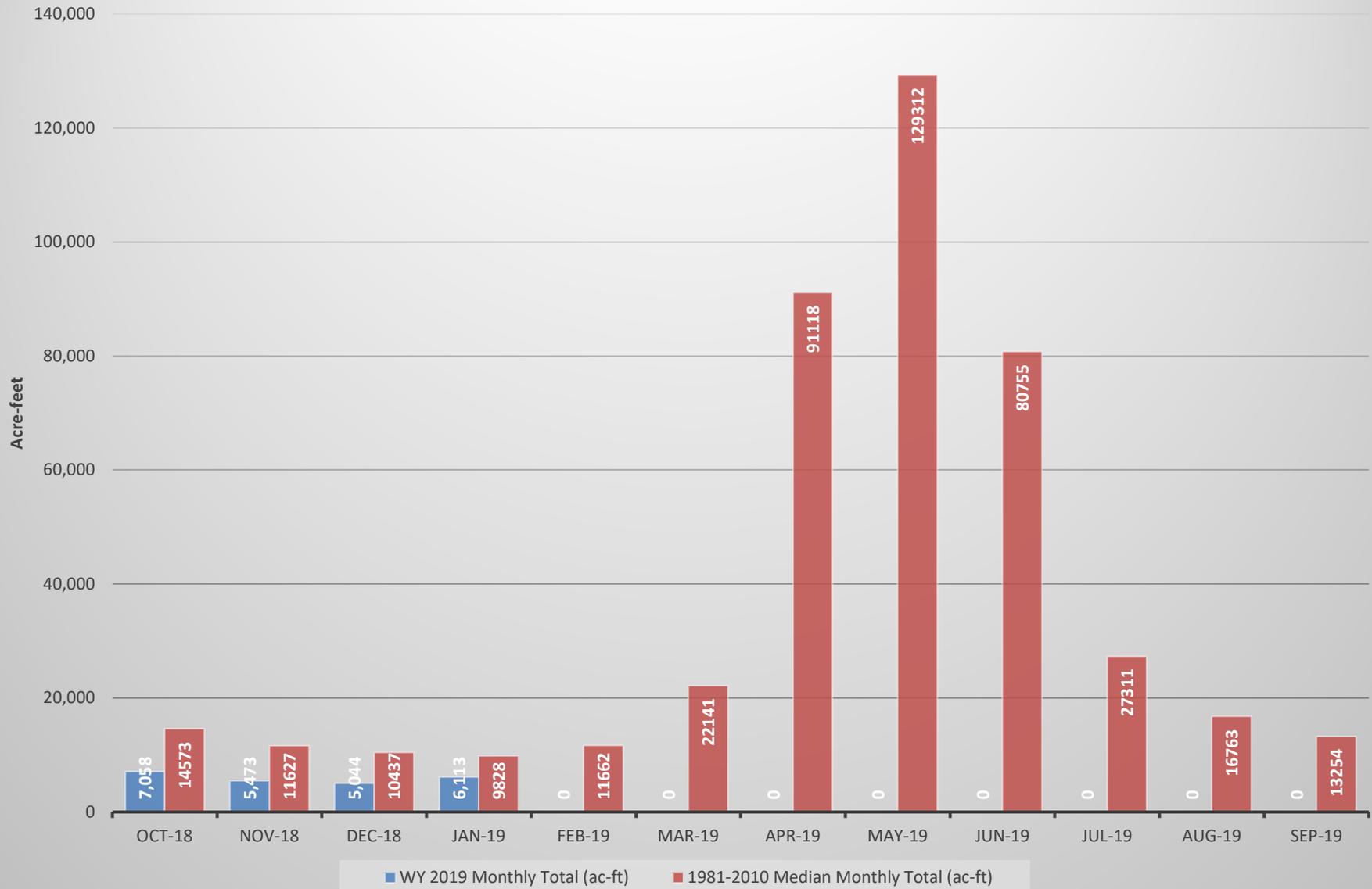


Estimated Flow at Confluence

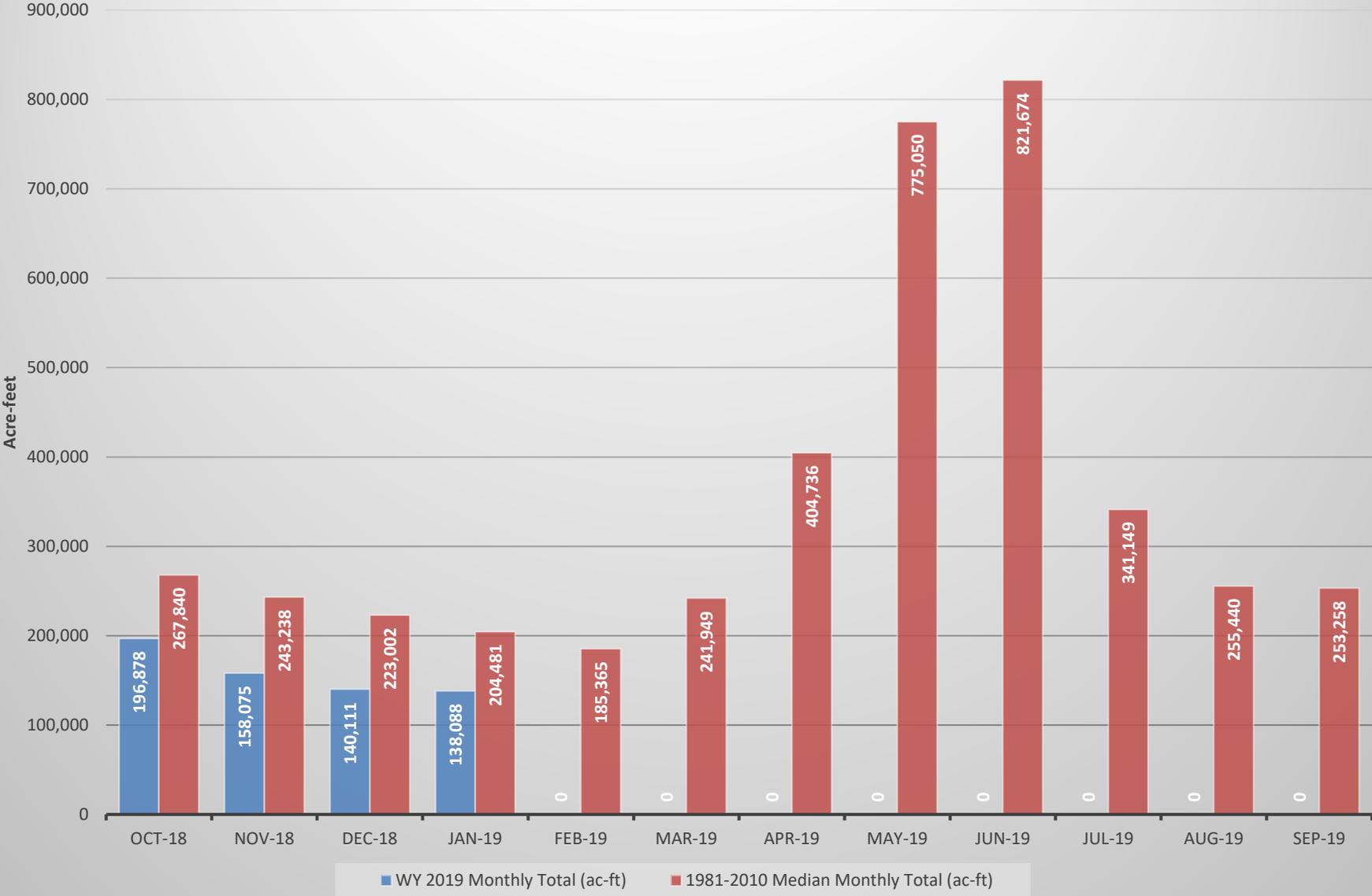
Sum of Colorado River near Cisco, UT and Green River at Green River, UT Monthly Mean Discharge (cubic feet per second)



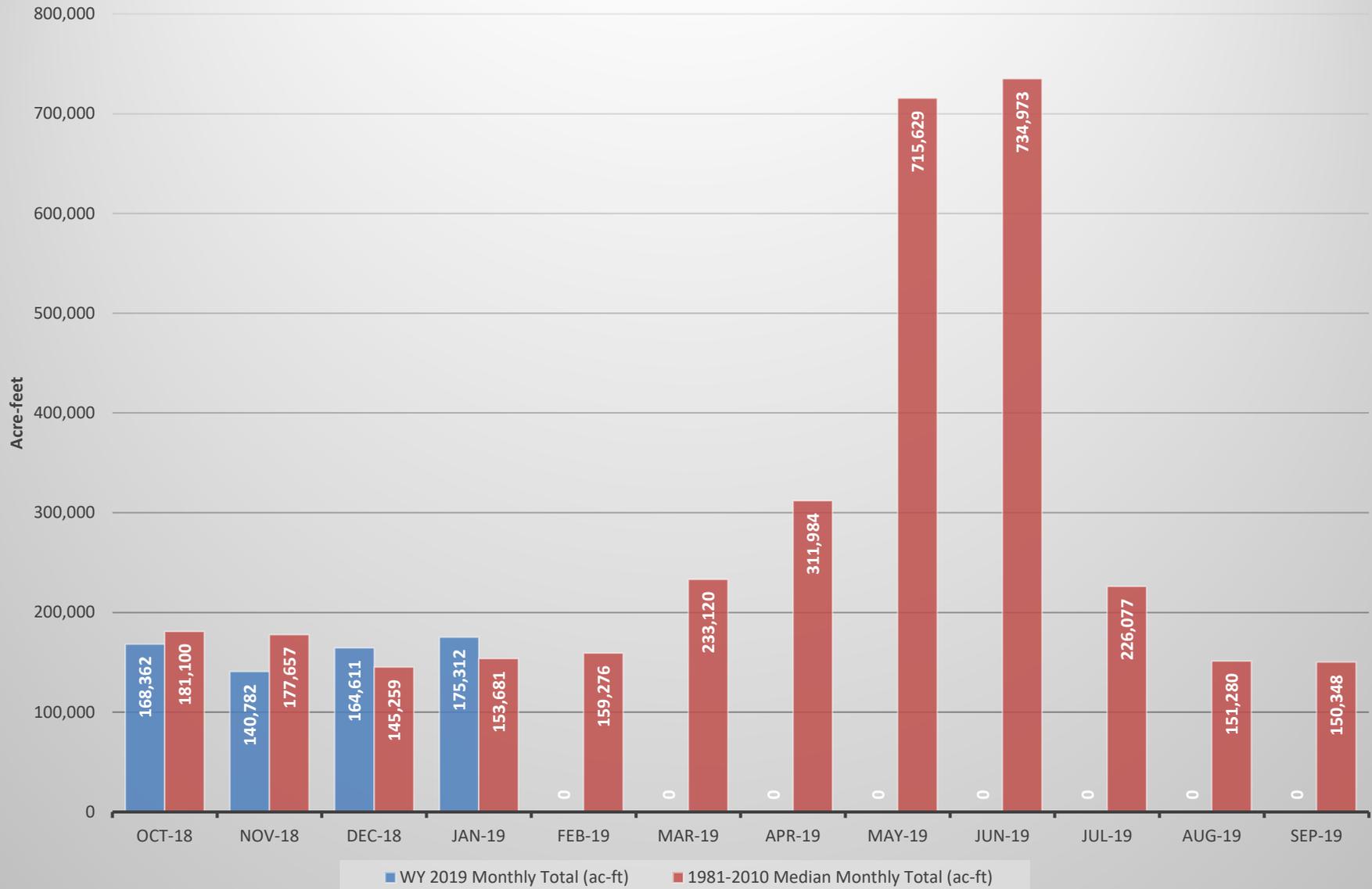
Dolores River near Cisco, Utah Total Monthly Discharge (ac-ft)



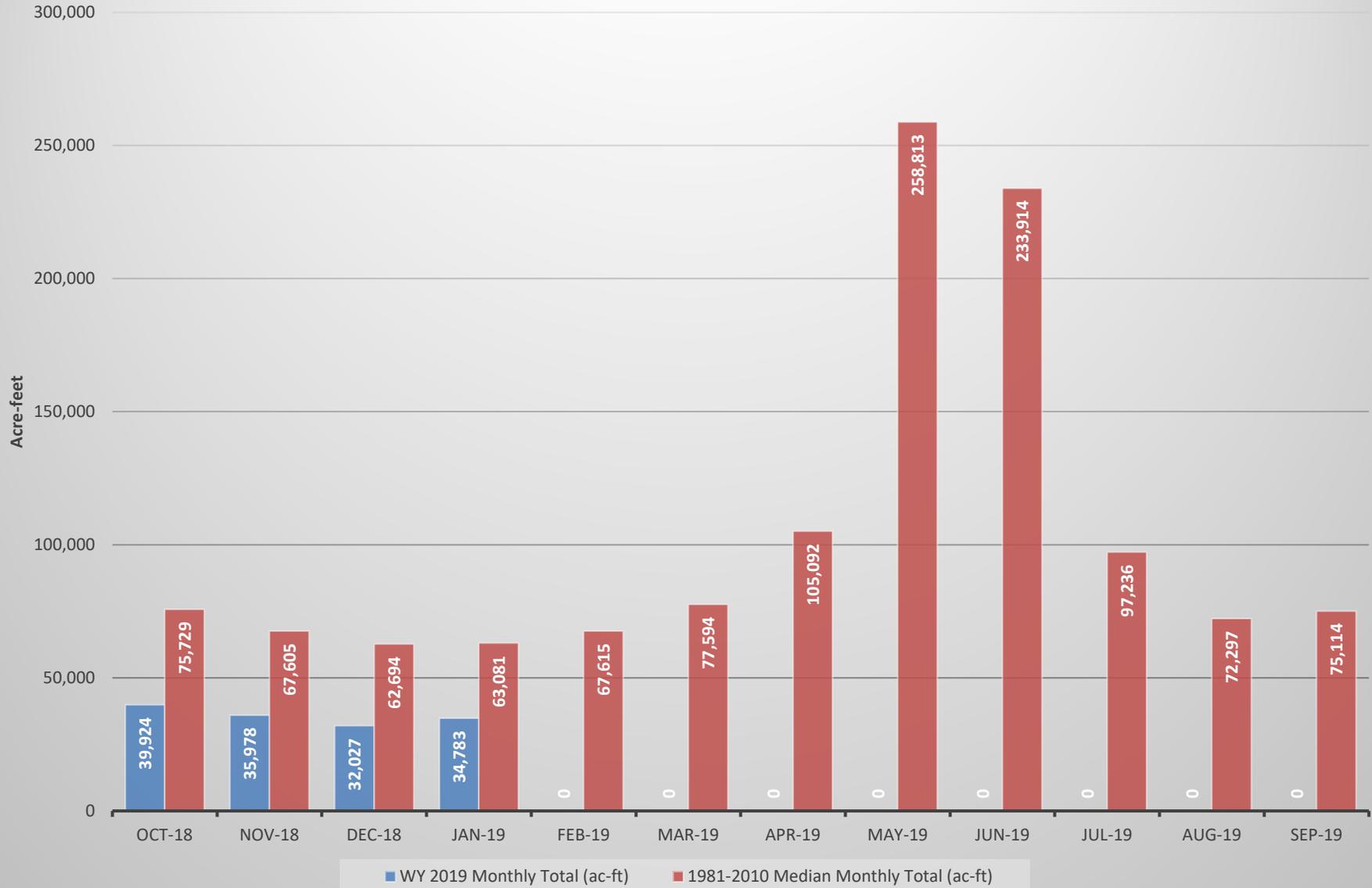
Colorado River near Cisco, Utah Total Monthly Discharge (ac-ft)



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

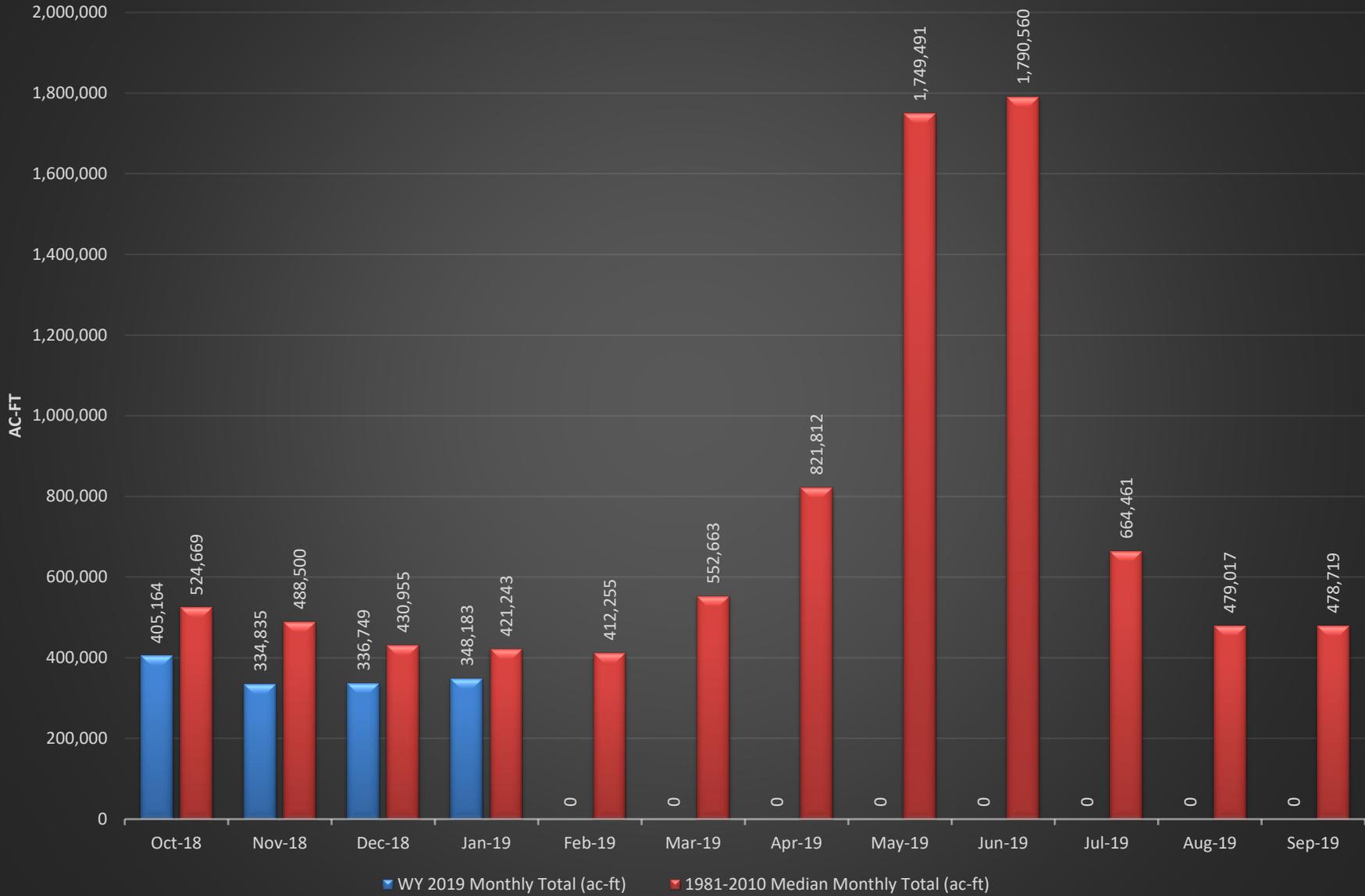


San Juan River near Bluff, Utah Total Monthly Discharge (ac-ft)



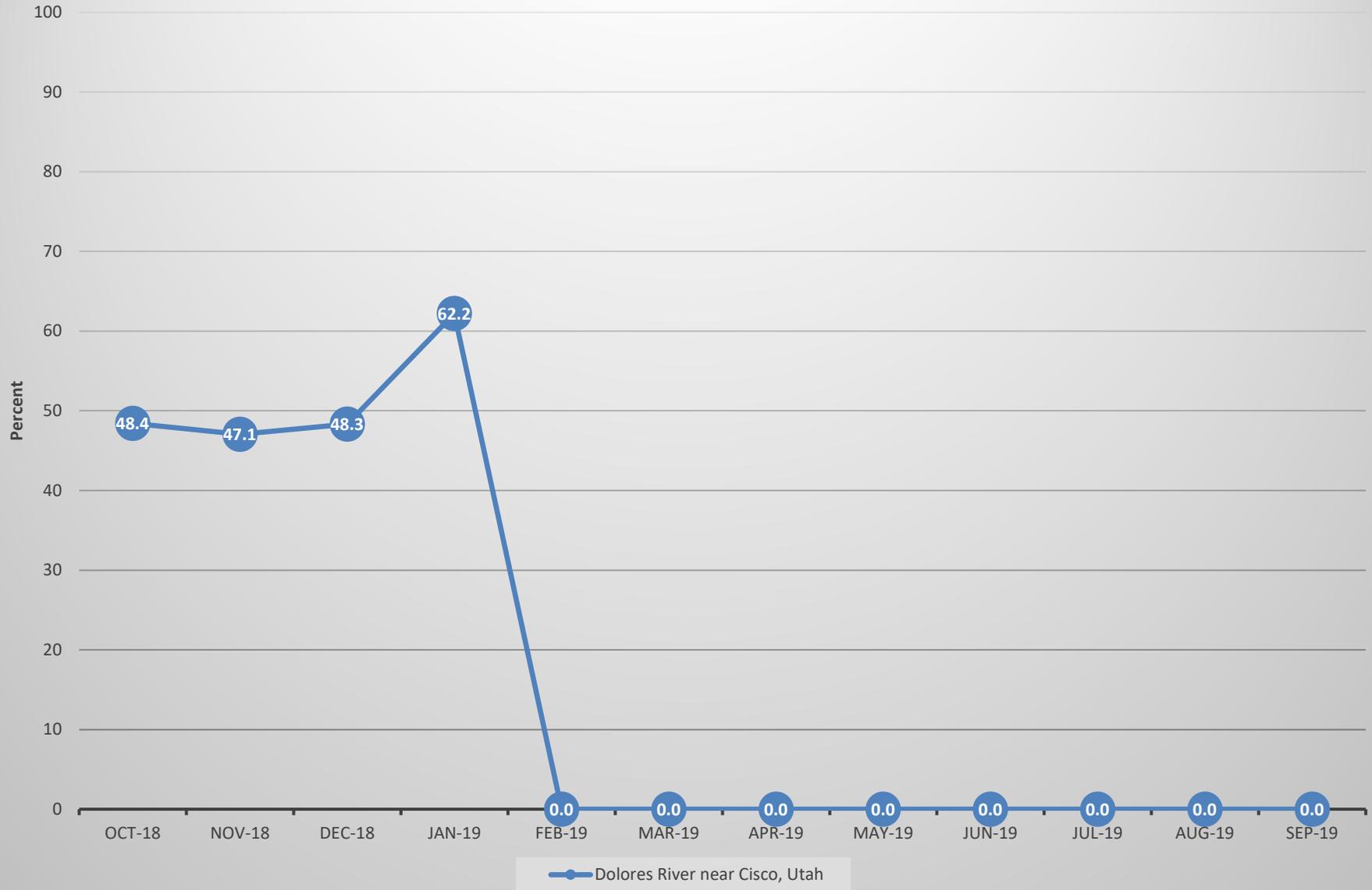
SUM OF MAJOR INFLOWS TO LAKE POWELL

Total Monthly Discharge (ac-ft)



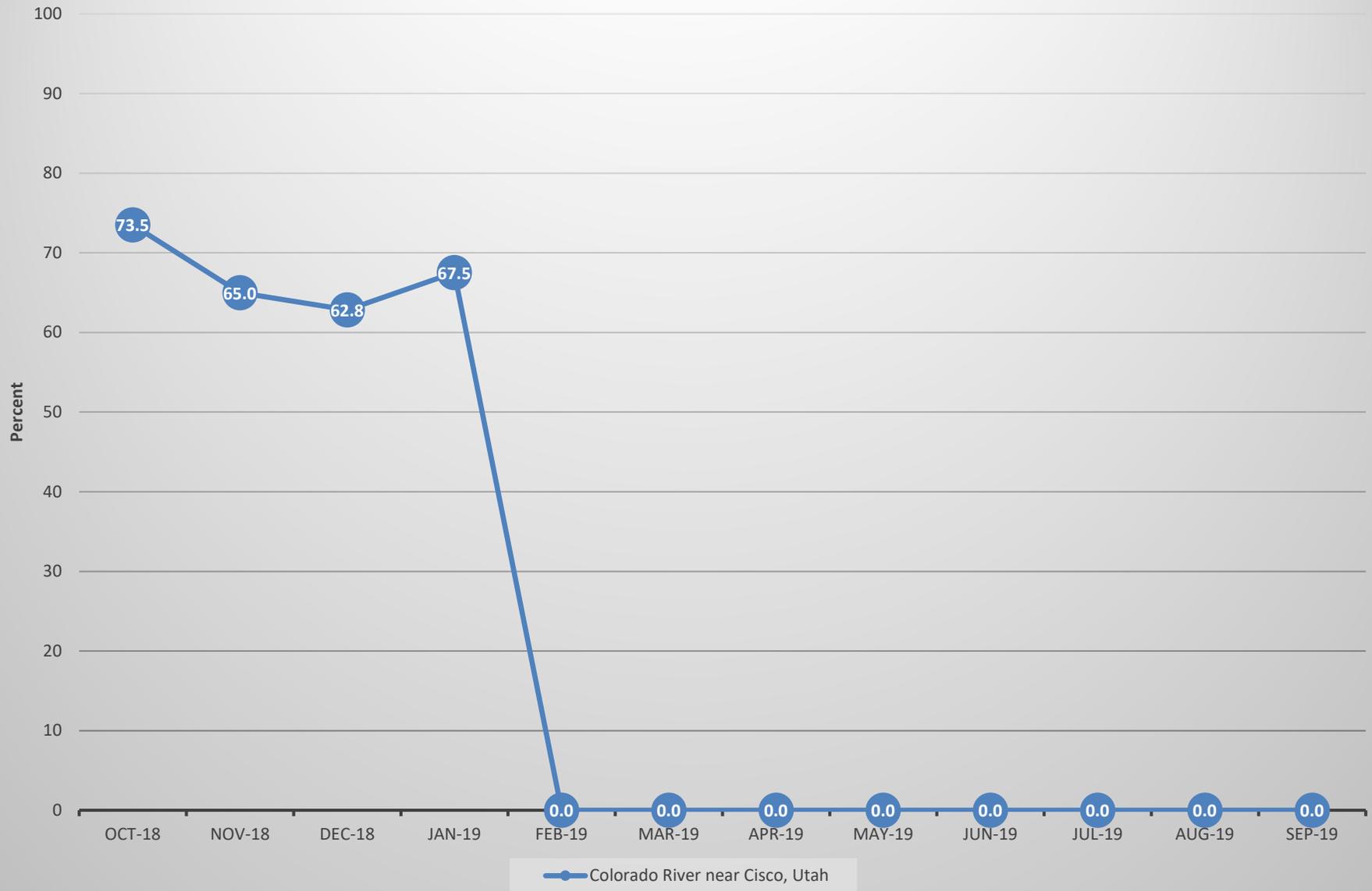
Dolores River near Cisco, UT

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



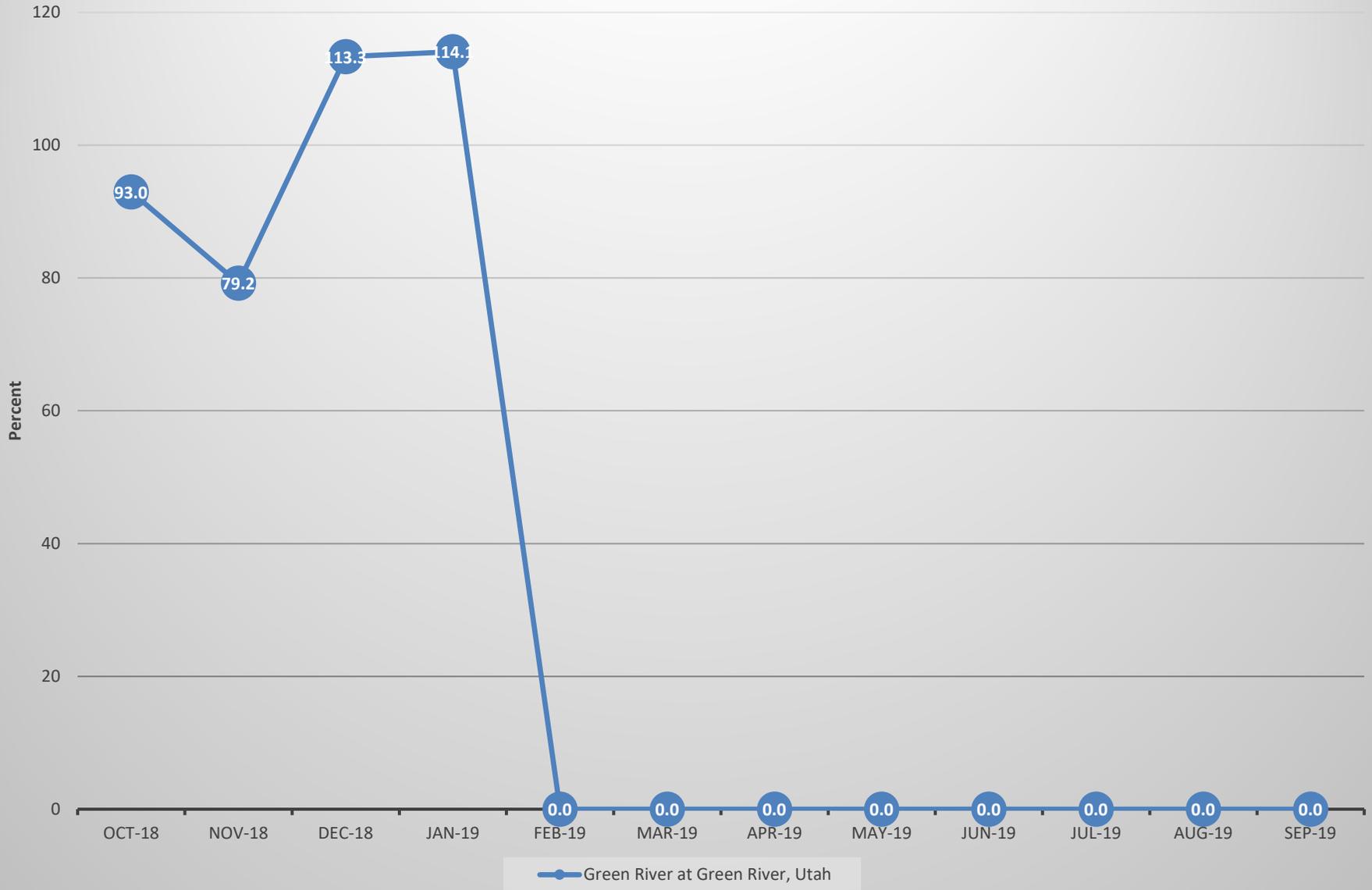
Colorado River near Cisco, UT

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



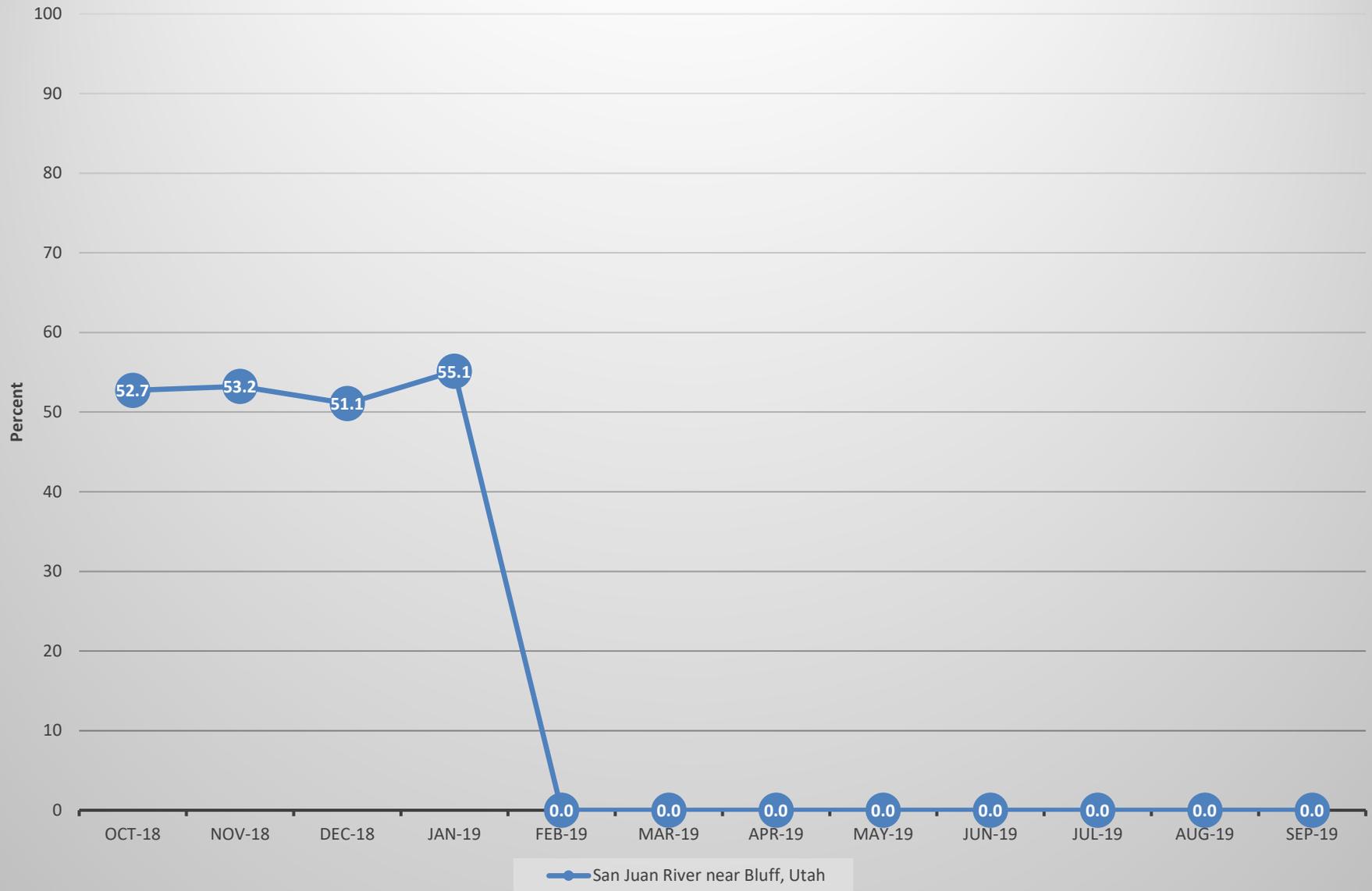
Green River at Green River, UT

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

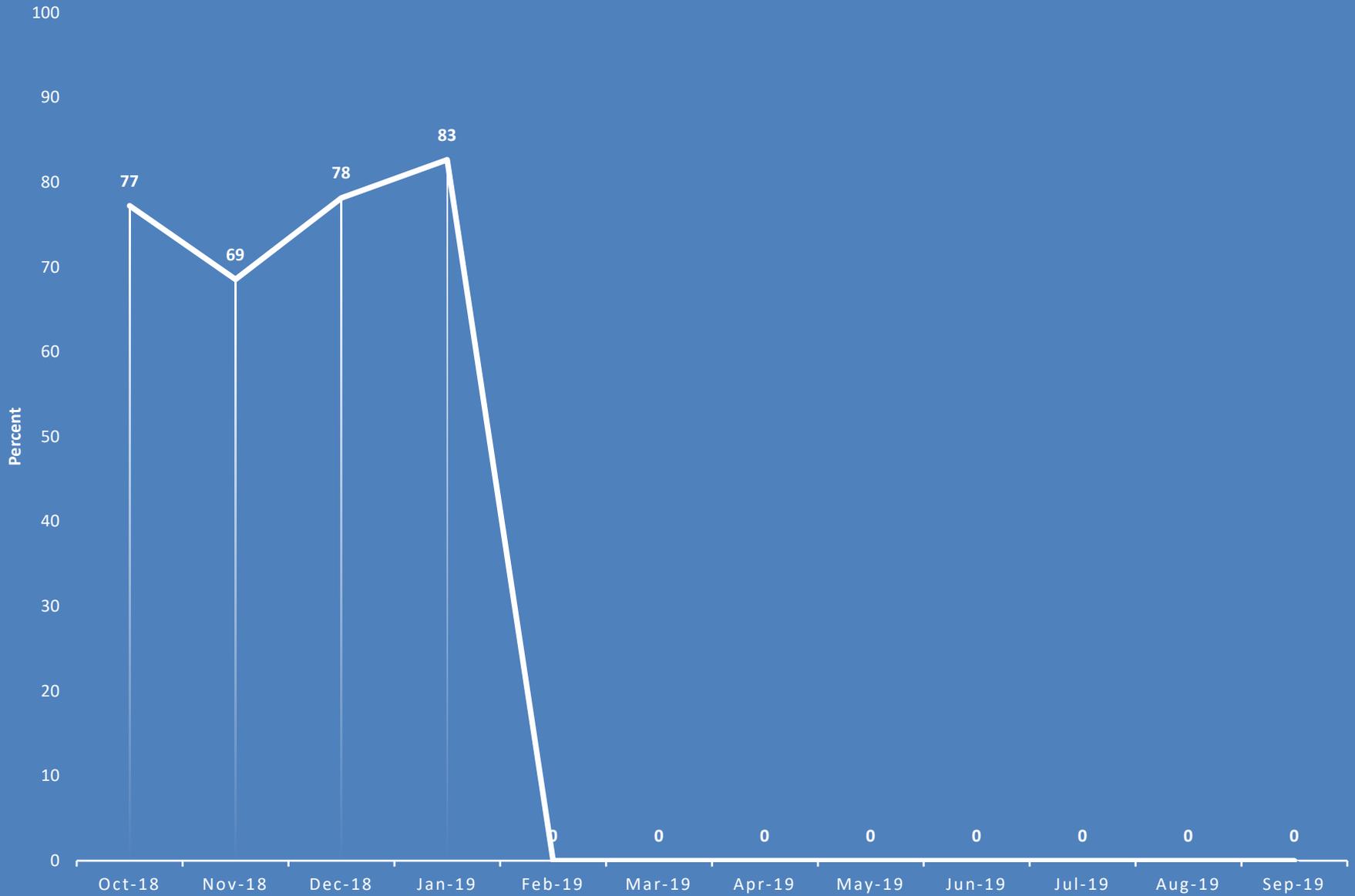


San Juan near Bluff, UT

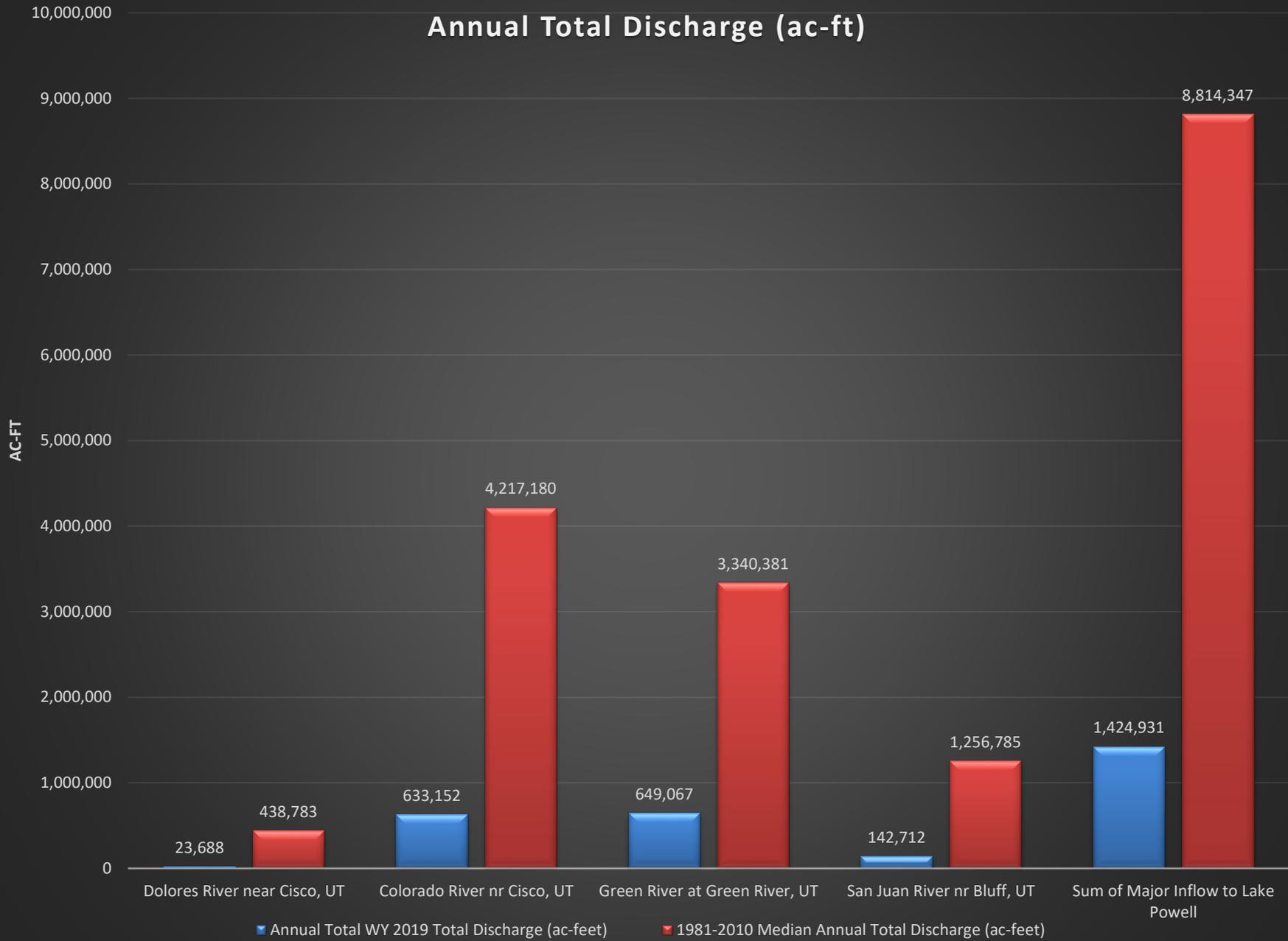
Total Monthly Discharge as Percent of 30 year (1981-2010) Median



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)

