



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

Utah Water Science Center

Upper Colorado River Streamflow and Reservoir Contents

Provisional Data
for: **April 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
30

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 (A)	DAYS					
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	6,800	2,792	41%	83,770	165,865	4,150	10	2,140	25
		2,196	32%	65,876	130,665				
GREEN RIVER AT GREEN RIVER , UT ADJUSTED (C)	5,242	4,356	83%	130,670	258,727	6,480	30	3,270	5
		4,592	88%	137,750	273,227				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,766	532	30%	15,955	31,591	737	16	404	5
		628	36%	18,851	37,391				
DOLORES RIVER NR CISCO, UTAH NOT ADJUSTED	1,482	124	8%	3,718	7,361	198	10	80	22

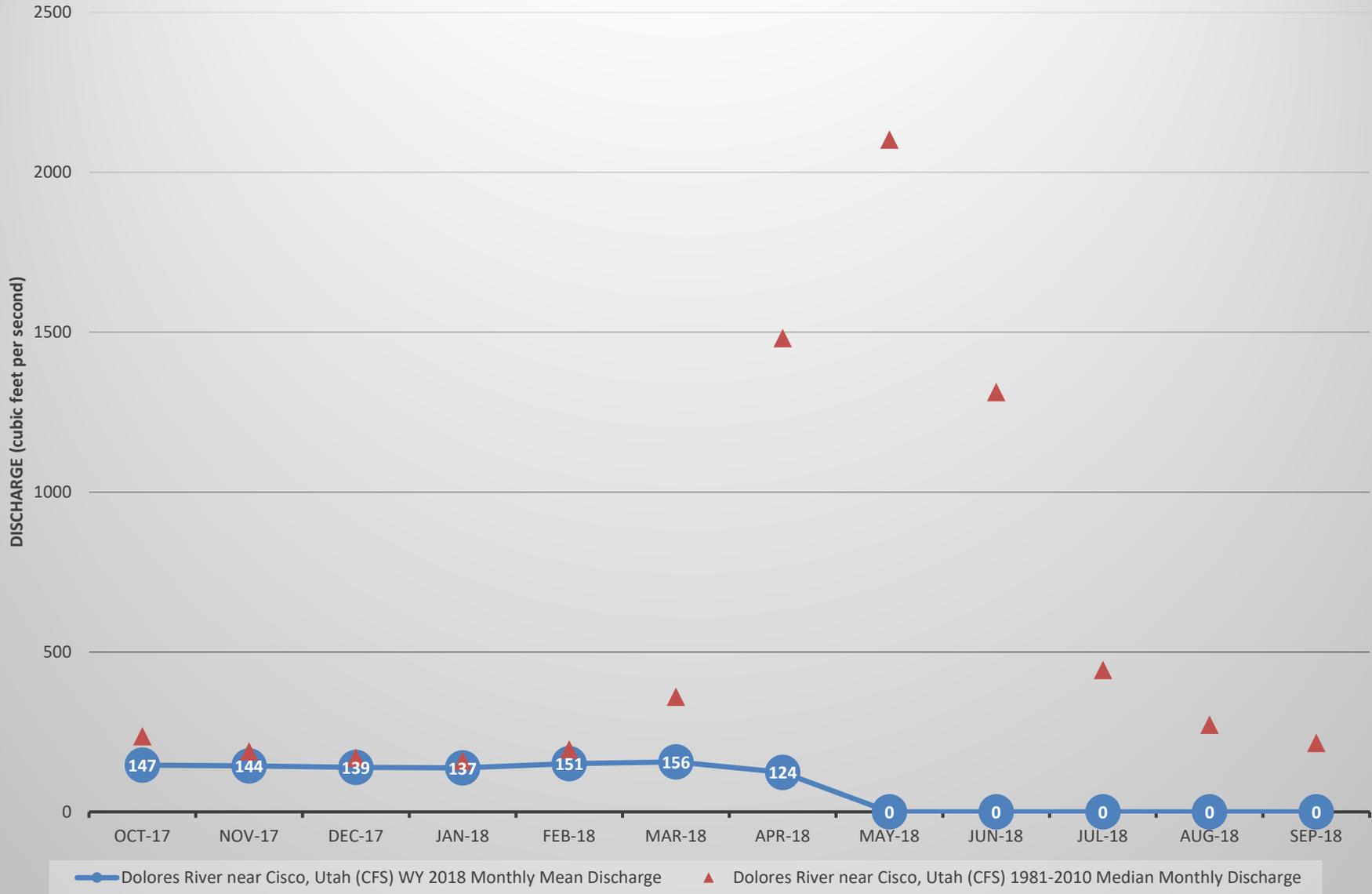
- (A) MEDIAN OF MEAN DISCHARGES FOR THE MONTH FOR 30-YR PERIOD 1981-2010
 (B) ADJUSTED FOR CHANGE IN STORAGE IN BLUE MESA RESERVOIR. STORAGE BEGAN OCT. 27, 1965
 (C) ADJUSTED FOR CHANGE IN STORAGE IN FLAMING GORGE RESERVOIR & FONTENELLE RESERVOIR, STORAGE BEGAN NOV. 1, 1962 & OCT., 1964 RESPECTIVELY.
 (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.
 DOLORES RIVER NOT ADJUSTED FOR STORAGE AT MCPHEE RES, COMPLETED 1985

RESERVOIR	DRAINAGE ABOVE DAM (Mi ²)	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	498,300	-35,200	533,500
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,185,800	1,500	3,184,300
FONTENELLE RESERVOIR AT FONTENELLE , WYOMING (b)	4,280	344,300	130,400	13,000	117,400
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	1,222,400	-14,000 NIIP 19,800	1,236,400
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	12,669,000	-287,100	12,956,100
TOTALS		31,620,800	17,705,900	-321,800	18,027,700

- (a) Preliminary Data
(b) Approximate

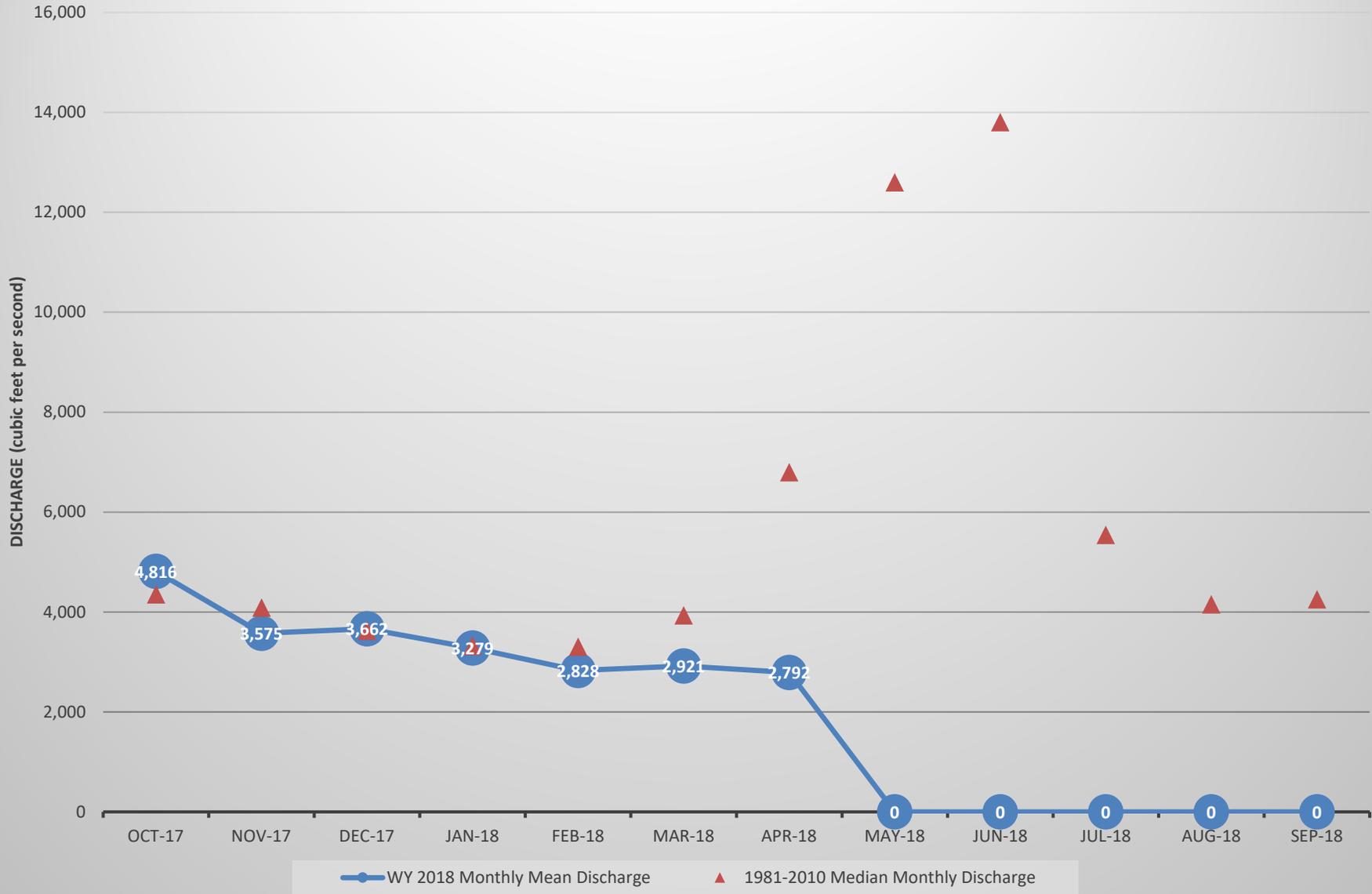
Dolores River near Cisco, UT

Monthly Mean Discharge (cubic feet per second)

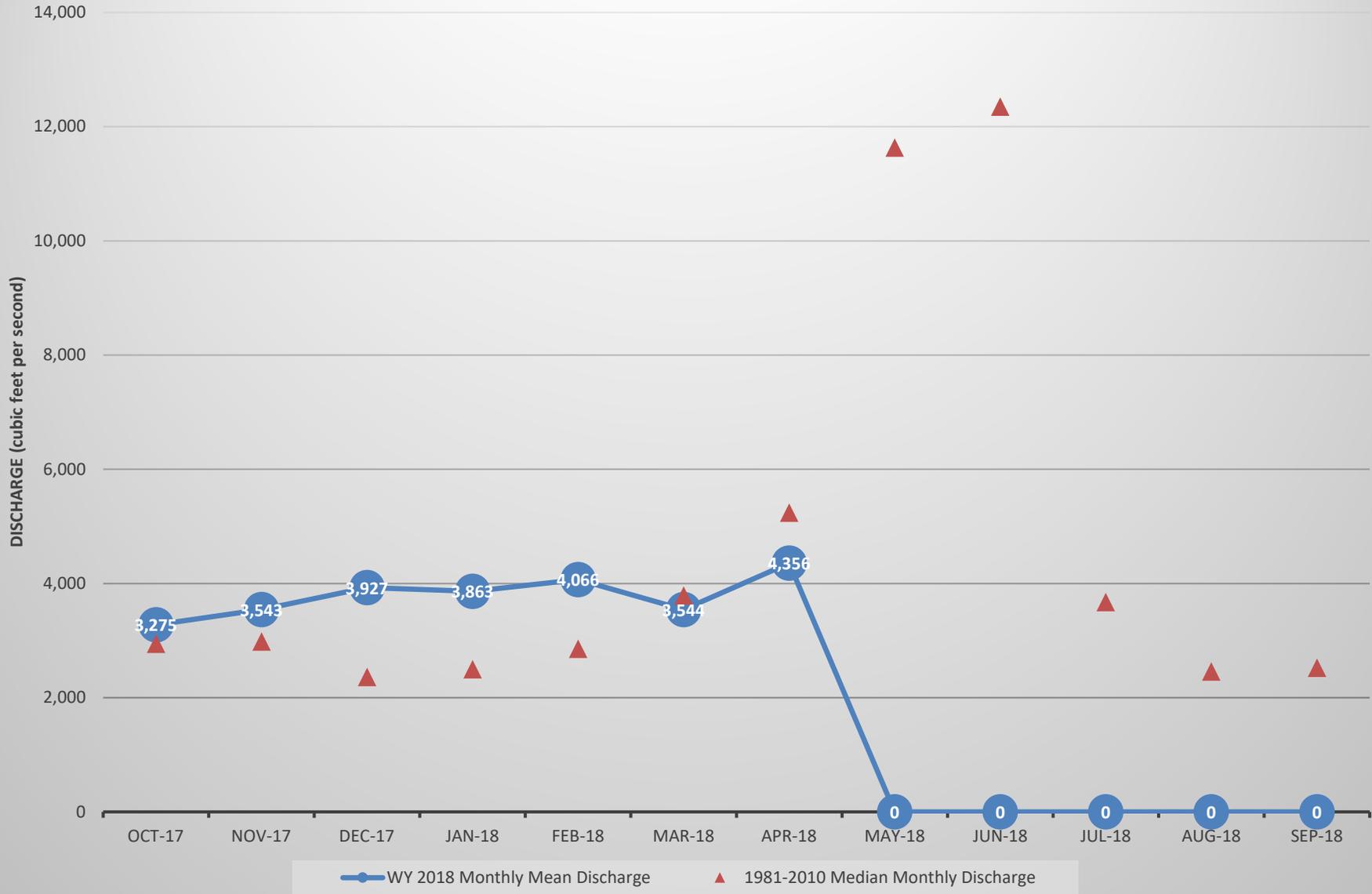


Colorado River near Cisco, UT

Monthly Mean Discharge (cubic feet per second)

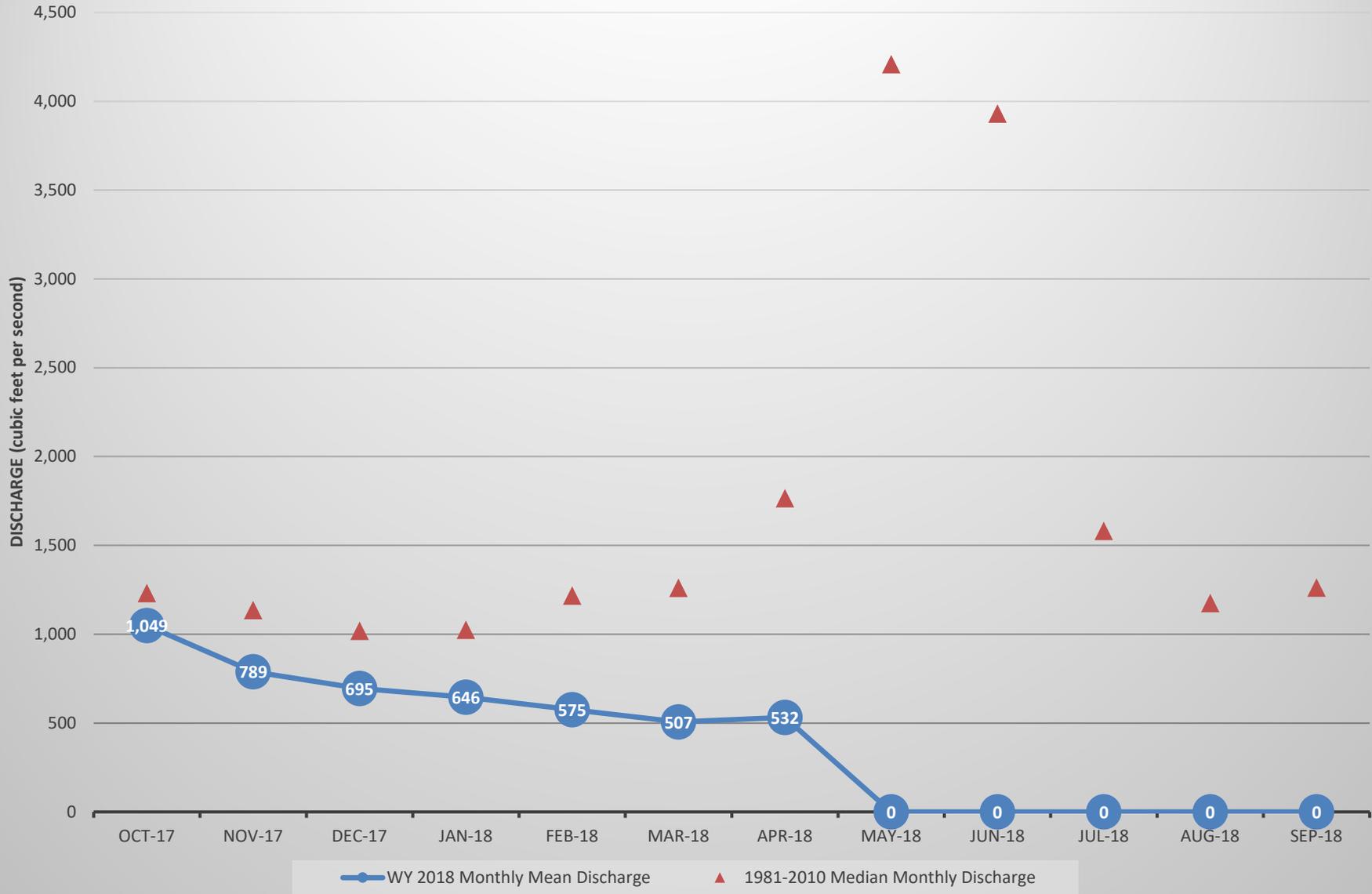


Green River at Green River, UT Monthly Mean Discharge (cubic feet per second)



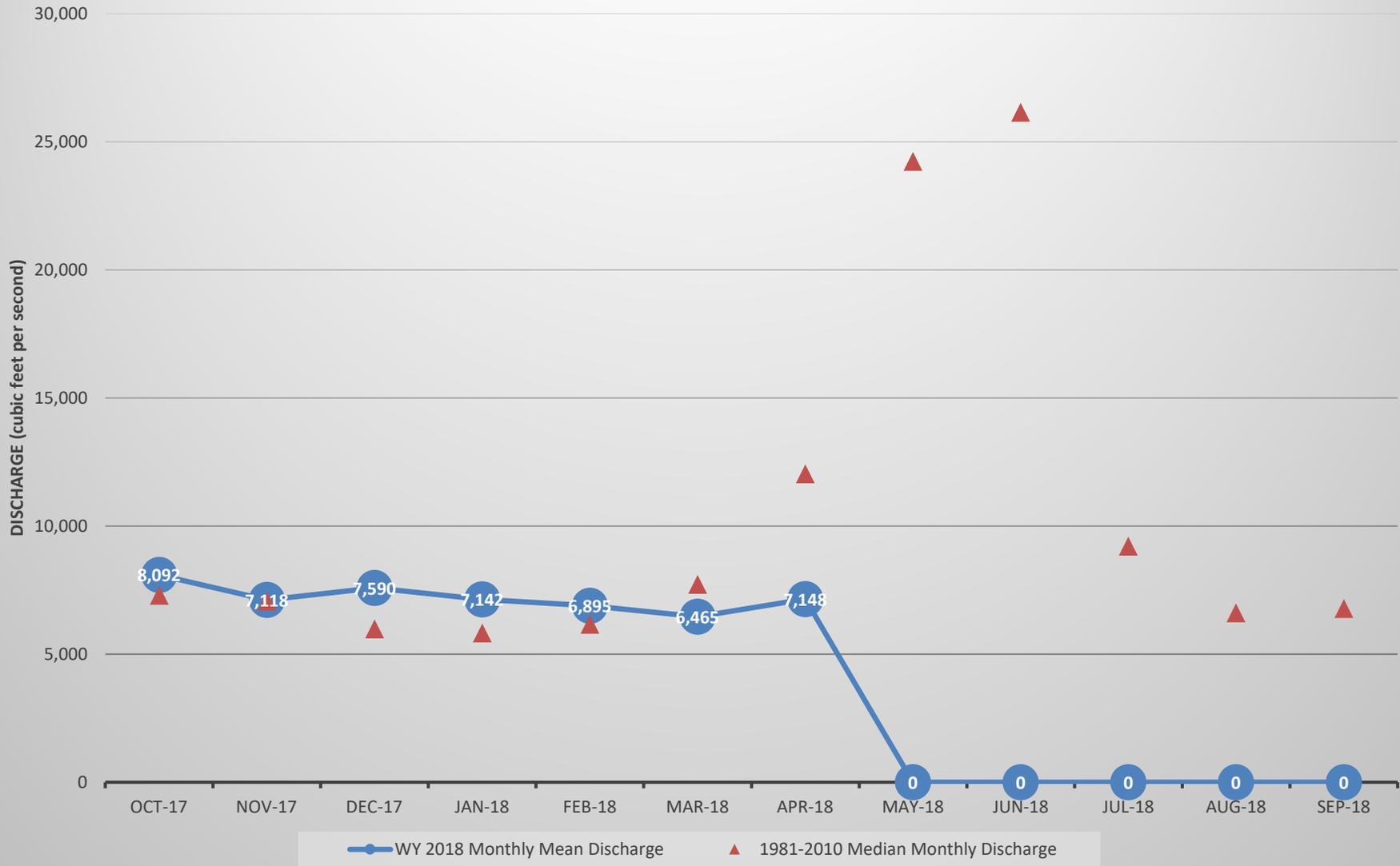
San Juan River near Bluff, UT

Monthly Mean Discharge (cubic feet per second)

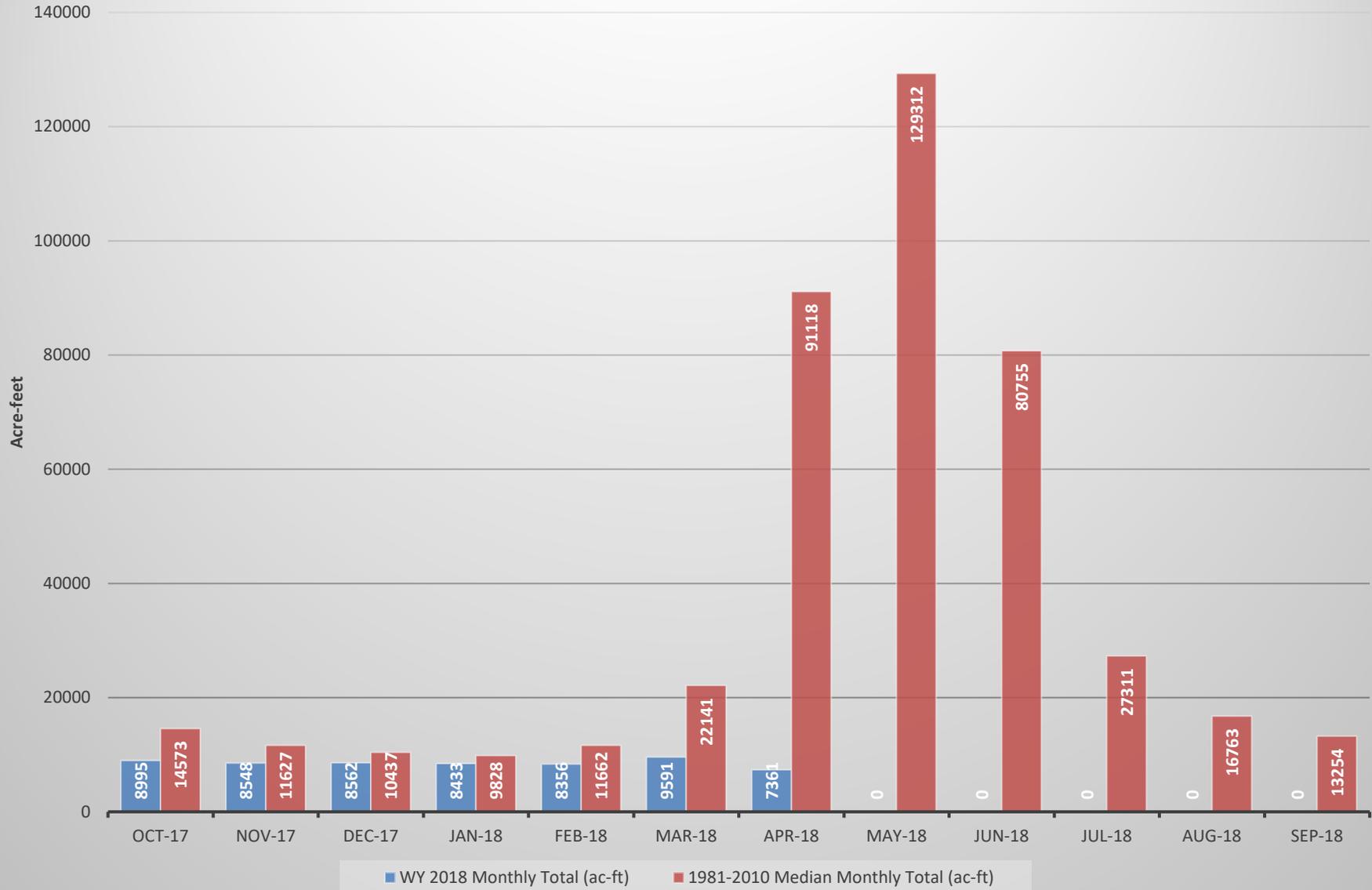


Estimated Flow at Confluence

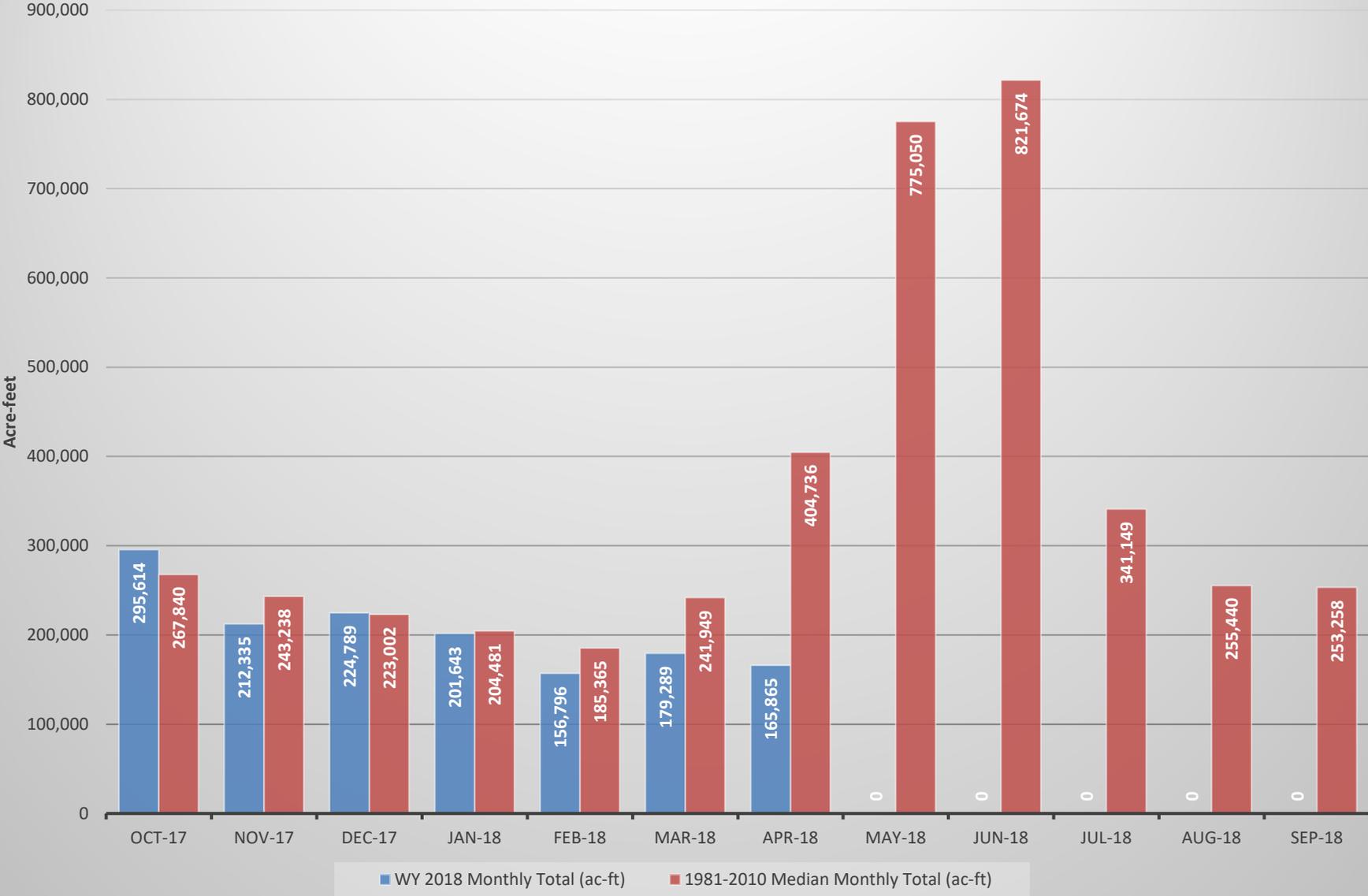
Sum of Colorado River near Cisco, UT and Green River at Green River, UT Monthly Mean Discharge (cubic feet per second)



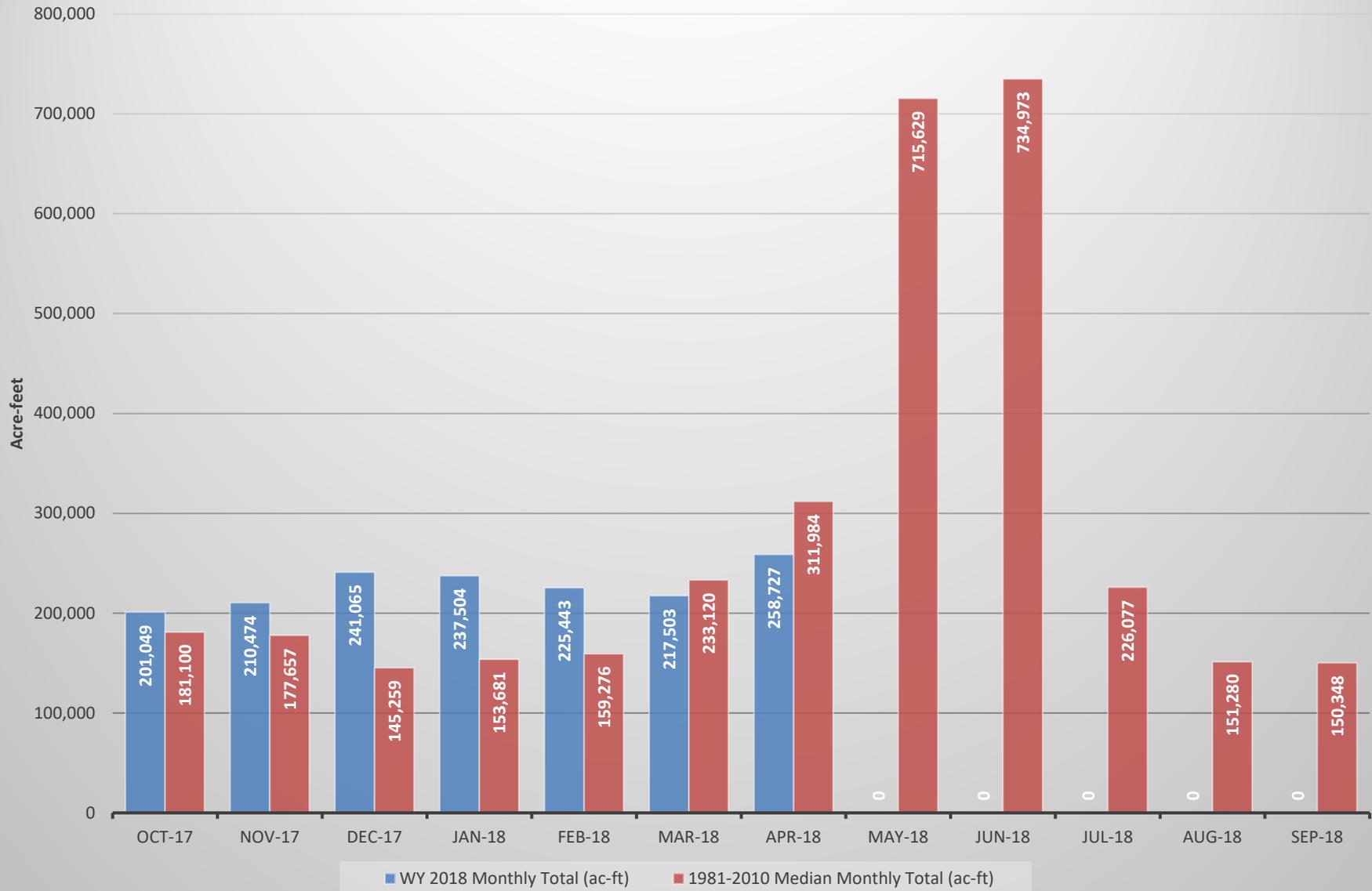
Dolores River near Cisco, Utah Total Monthly Discharge (ac-ft)



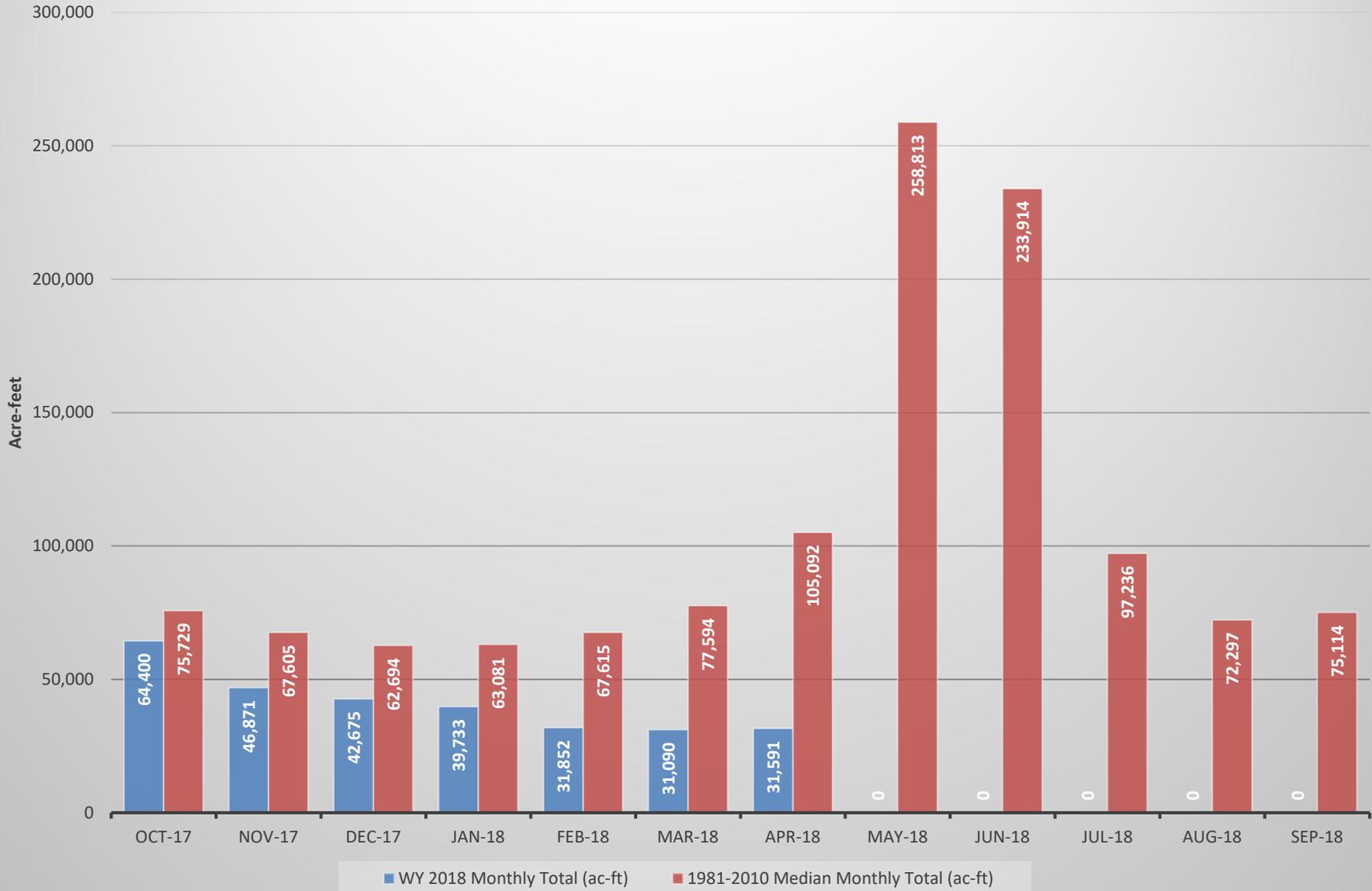
Colorado River near Cisco, Utah Total Monthly Discharge (ac-ft)



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

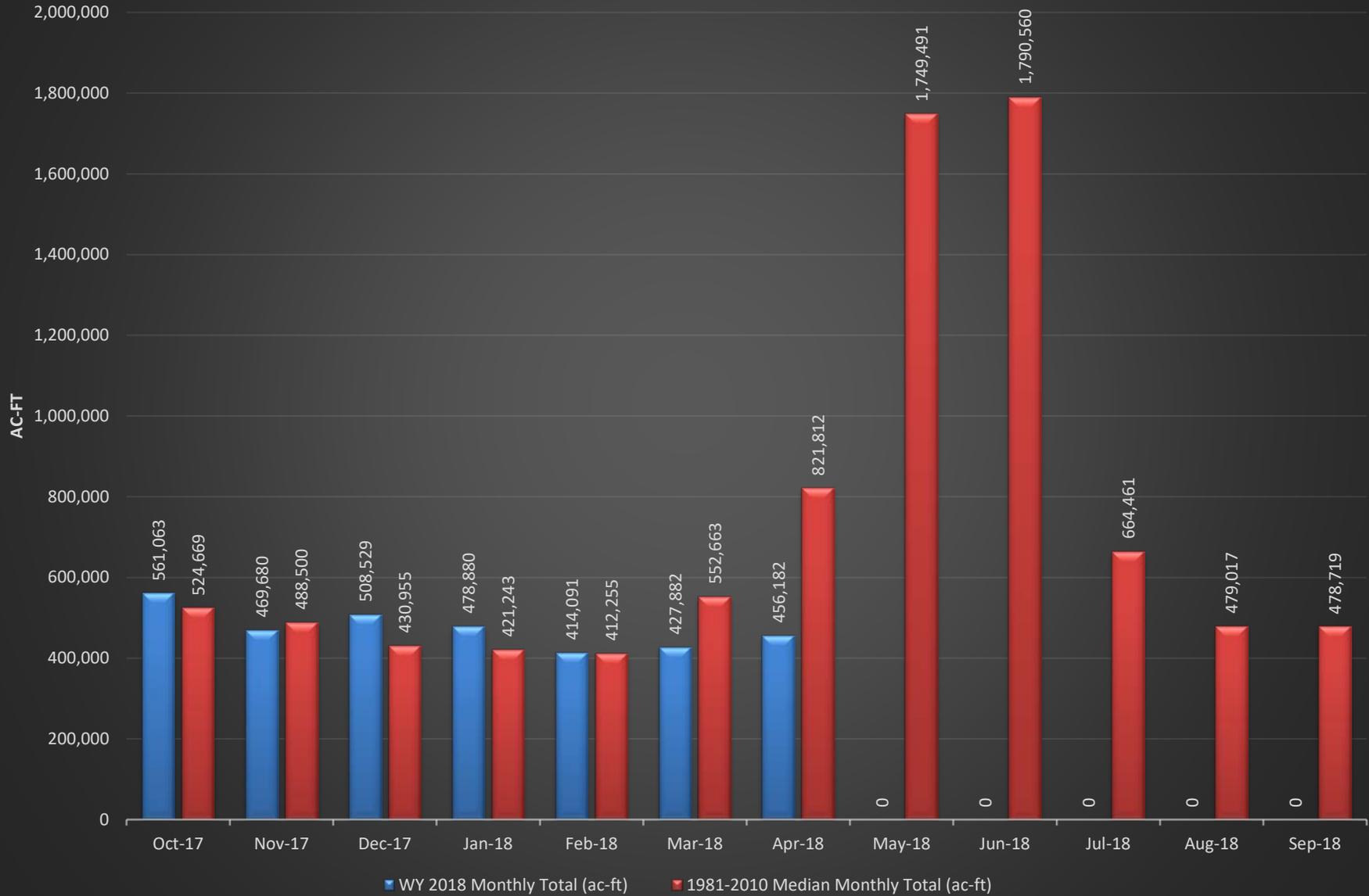


San Juan River near Bluff, Utah Total Monthly Discharge (ac-ft)



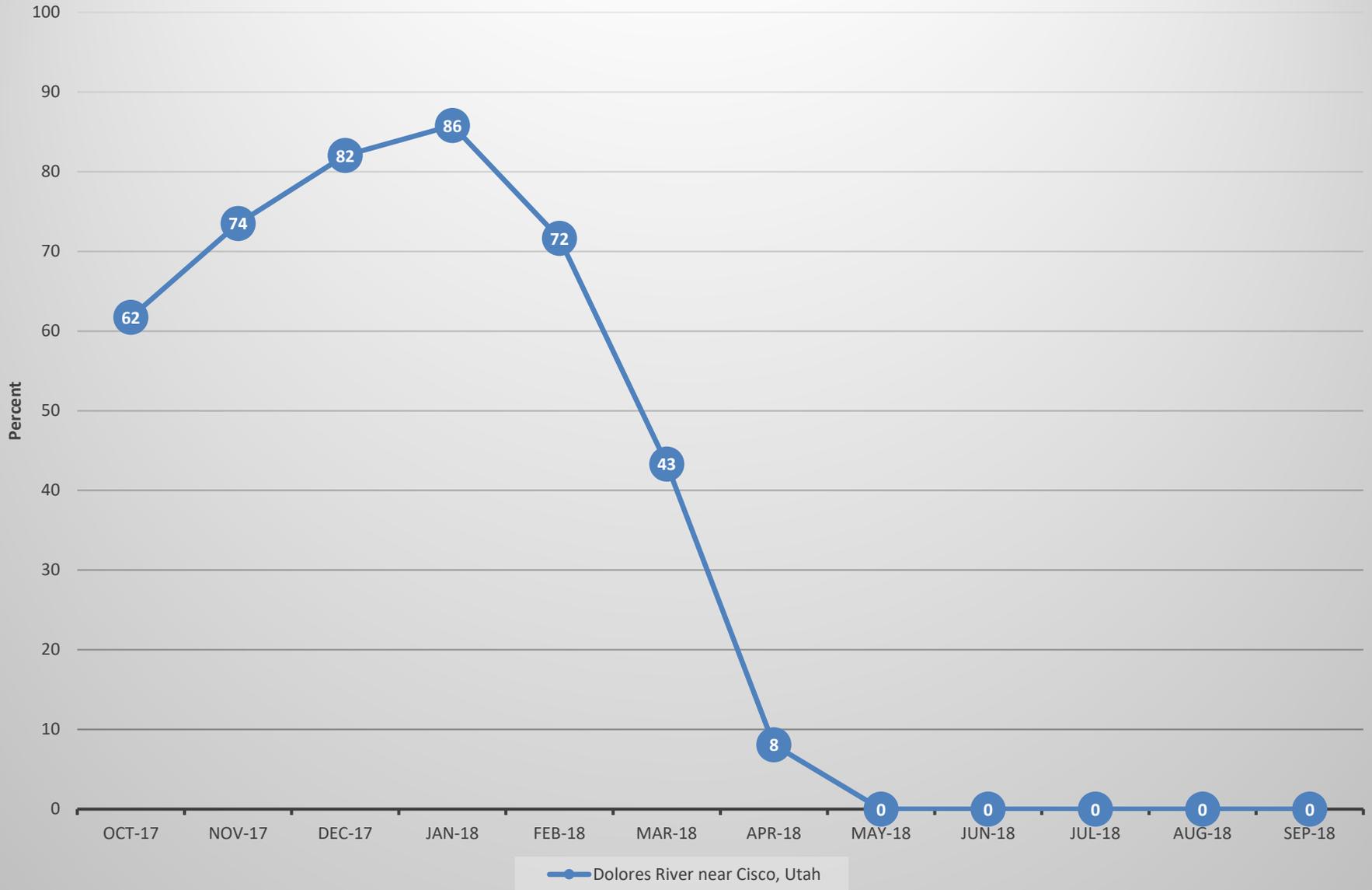
SUM OF MAJOR INFLOWS TO LAKE POWELL

Total Monthly Discharge (ac-ft)



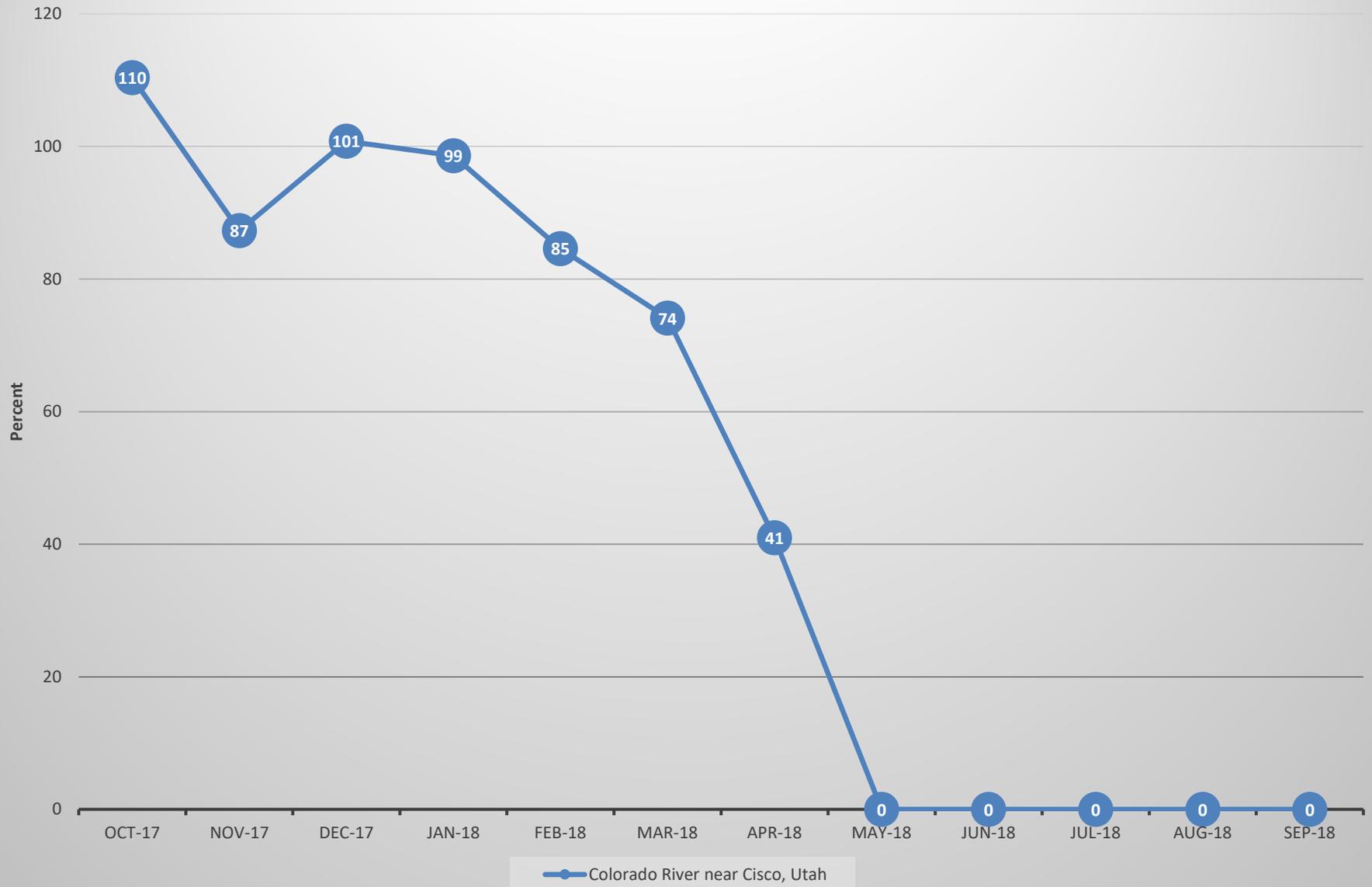
Dolores River near Cisco, UT

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



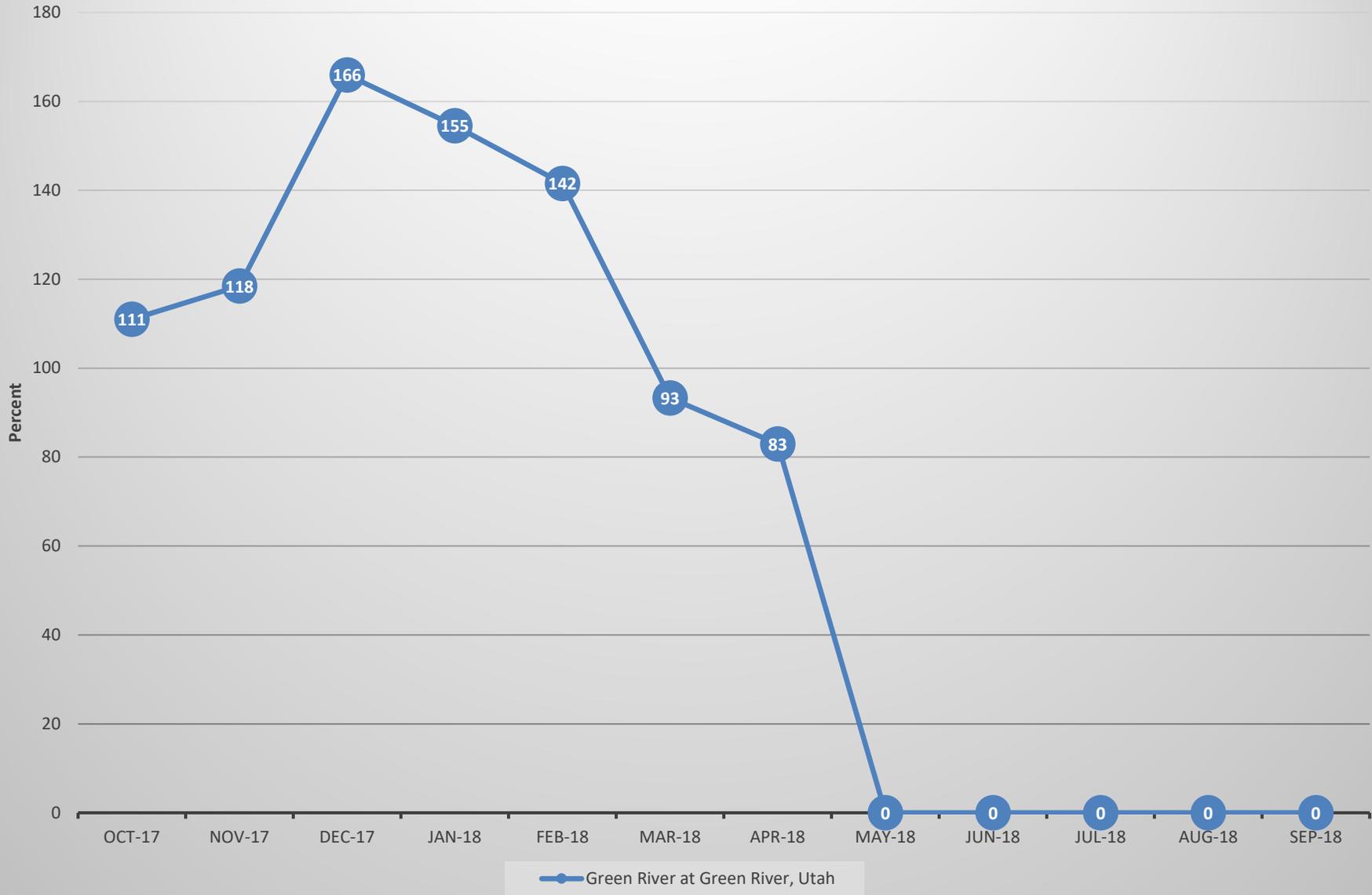
Colorado River near Cisco, UT

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



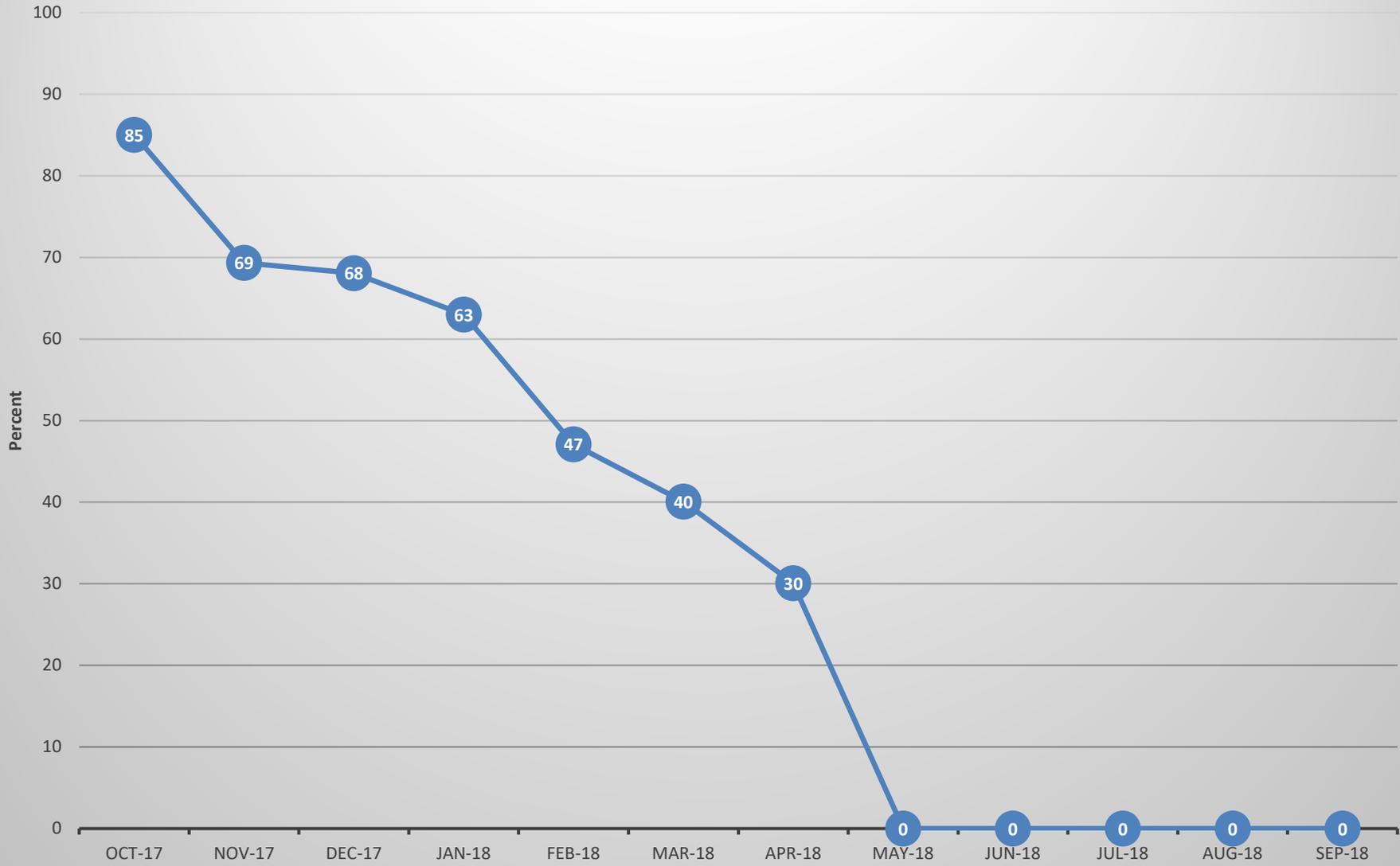
Green River at Green River, UT

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



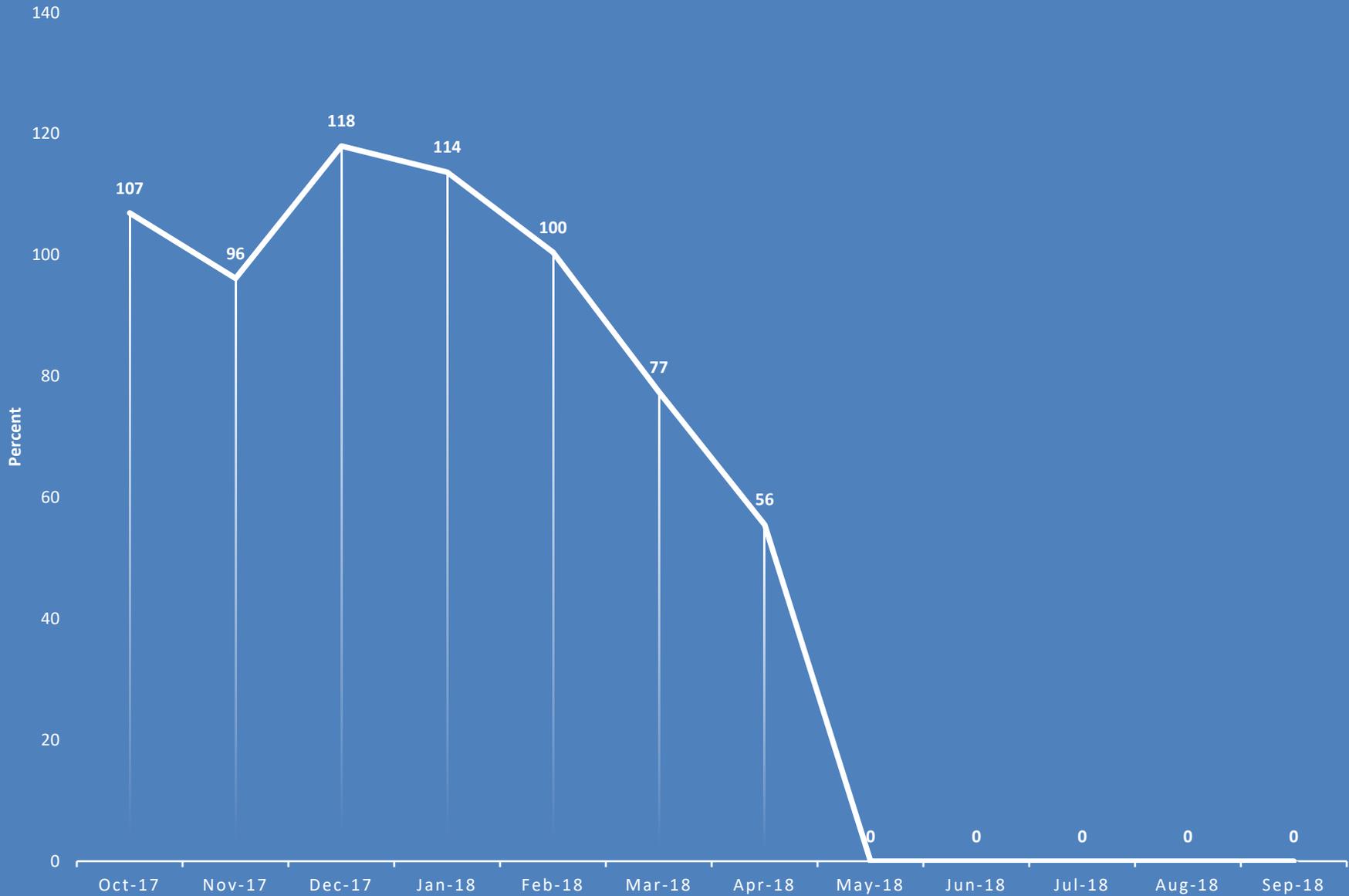
San Juan near Bluff, UT

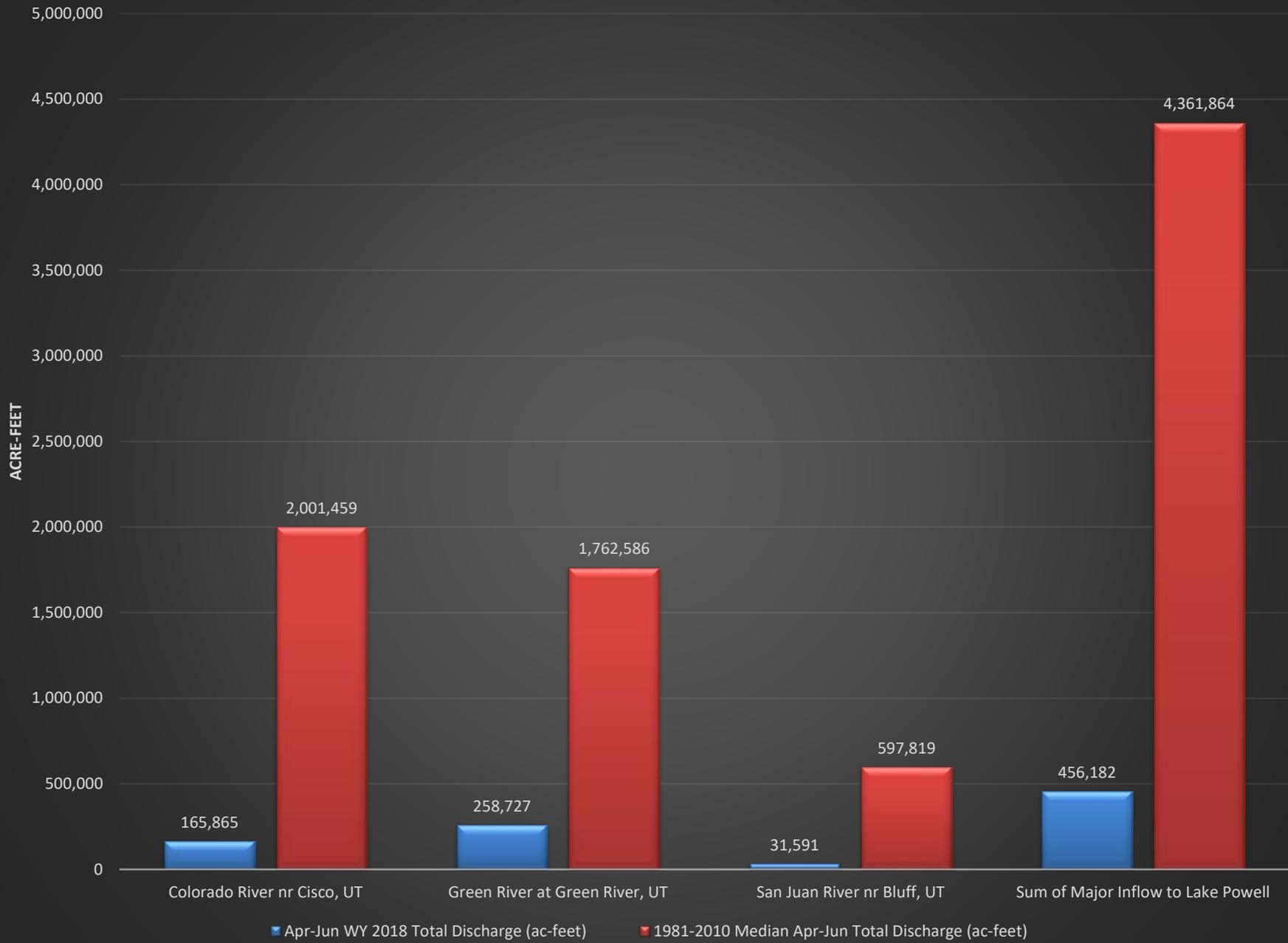
Total Monthly Discharge as Percent of 30 year (1981-2010) Median



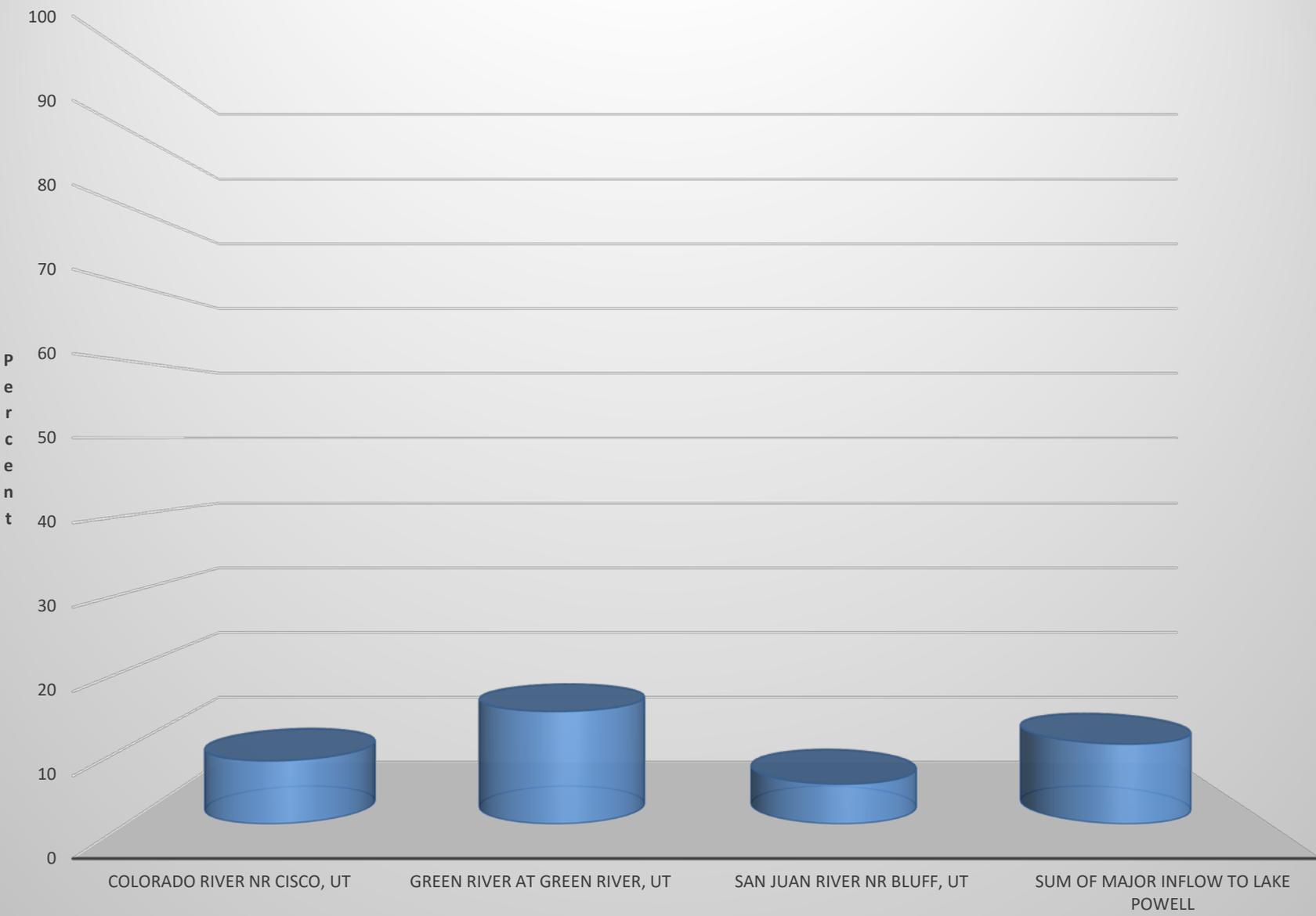
San Juan River near Bluff, Utah

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

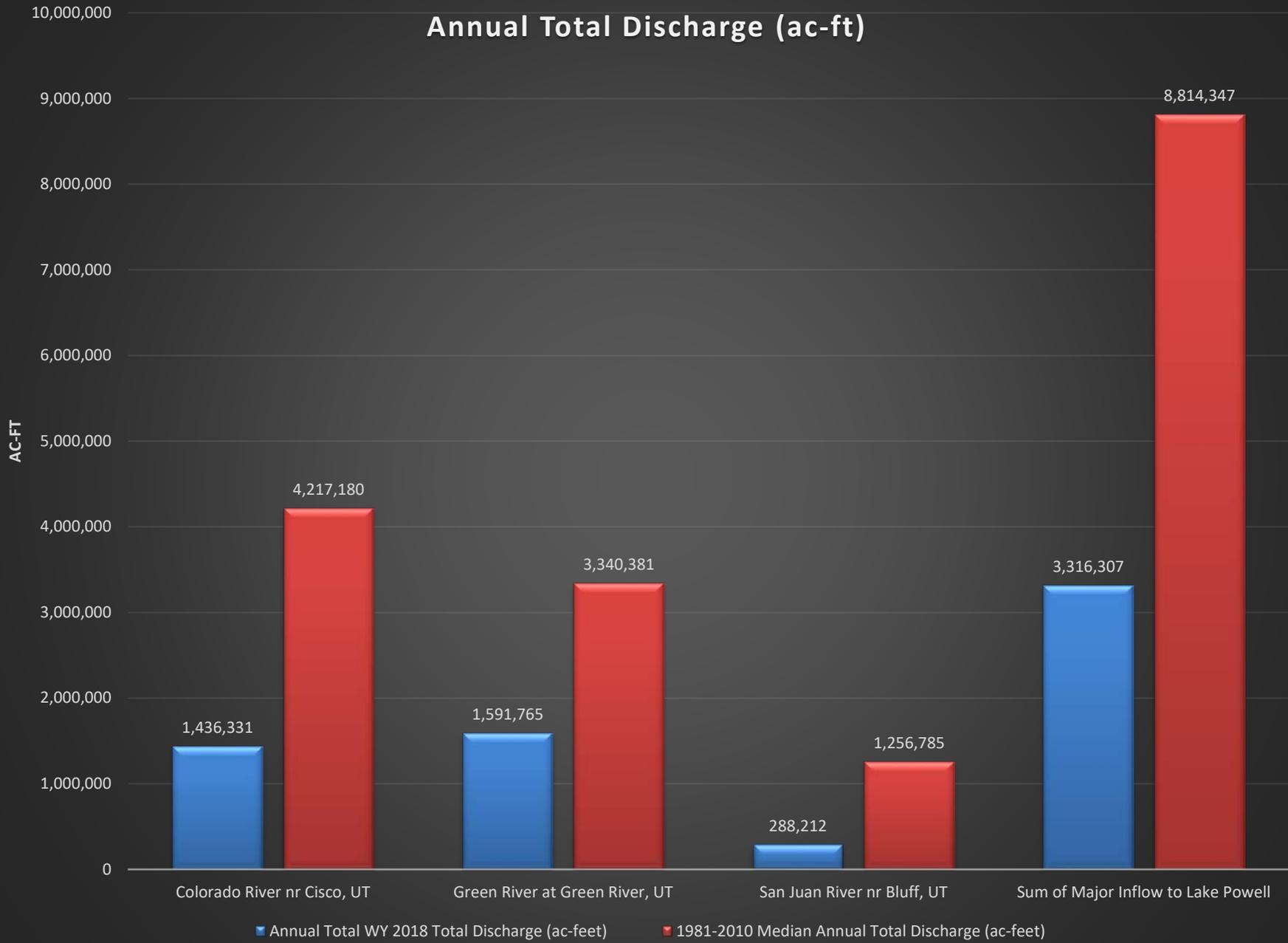




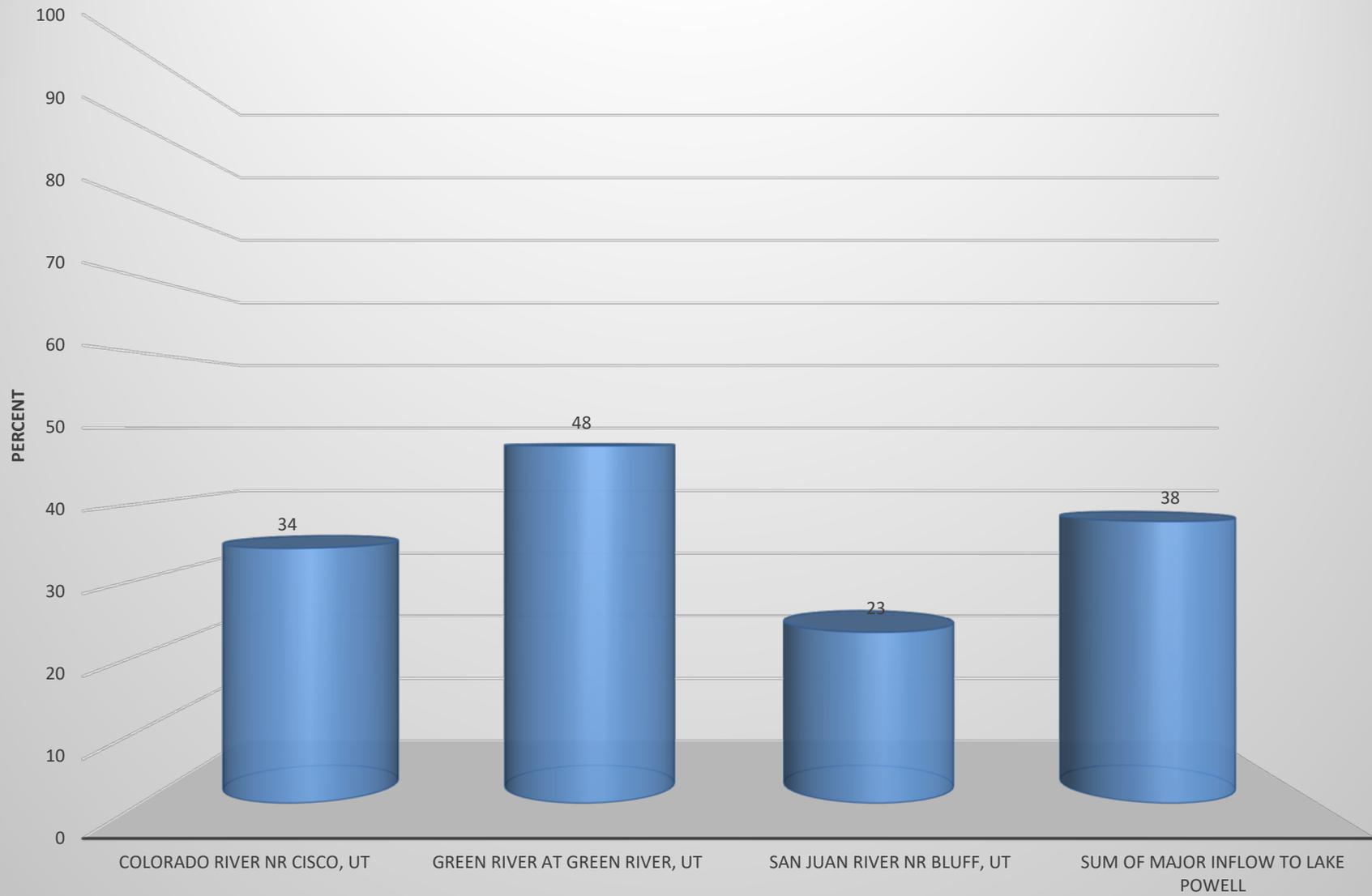
Apr-Jun Total Discharge as Percent of 30 year Median (1981-2010)



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)