



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

# Utah Water Science Center

## *Upper Colorado River Streamflow and Reservoir Contents*

*Provisional Data for:*

***WATER YEAR 2019***

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

*Available online at [usgs.gov/centers/ut-water](https://usgs.gov/centers/ut-water)*

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							
	October	2018							
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	4,355	3,202	74%	99,433	196,878	5,090	8-Oct	1,990	1-Oct
		2,638	61%	81,764	162,178				
GREEN RIVER AT GREEN RIVER, UT ADJUSTED (C)	2,945	2,743	93%	85,031	168,362	3,430	6-Oct	2,030	1-Oct
		1,889	64%	58,564	116,162				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,232	649	53%	20,164	39,924	1,010	7-Oct	429	6-Oct
		391	32%	12,112	24,024				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	237	123	52%	3,565	7,058	493	8-Oct	22	1-Oct
		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

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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 MEDIAN	TOTAL ft <sup>3</sup> /s					
	(1981-2010)	THIS MONTH		DAYS					
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	4,087	2,657	65%	79,836	158,075	3,350	3-Nov	2,170	29-Nov
		2,697	66%	80,905	160,475				
GREEN RIVER AT GREEN RIVER, UT ADJUSTED (C)	2,985	2,366	79%	71,102	140,782	2,540	29-Nov	2,240	18-Nov
		1,423	48%	42,693	84,682				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,136	605	53%	18,171	35,978	806	3-Nov	550	29-Nov
		463	41%	13,904	27,578				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	189	92	49%	2,764	5,473	120	2-Nov	58	23-Nov
		88	47%	2,651	5,258				

- (A) MEDIAN OF MEAN DISCHARGES FOR THE MONTH FOR 30-YR PERIOD 1981-2010  
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 (C) ADJUSTED FOR CHANGE IN STORAGE IN FLAMING GORGE RESERVOIR & FONTENELLE RESERVOIR, STORAGE BEGAN NOV. 1, 1962 & OCT., 1964 RESPECTIVELY.  
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 (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	169,481	-215	169,696
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	250,100	2,400	247,700
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,316,300	-33,900	3,350,200
FONTENELLE RESERVOIR AT FONTENELLE, WYOMING (b)	4,280	344,300	215,800	-22,200	238,000
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	888,100	-8,400 NIIP 0	896,500
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	10,506,600	-355,600	10,862,200
TOTALS		31,620,800	15,176,900	-417,700	15,594,600

(a) Preliminary Data  
(b) Approximate

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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							
	December	2018							
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	3,627	2,279	63%	70,763	140,111	2,660	1-Dec	1,960	31-Dec
		2,258	62%	69,983	138,811				
GREEN RIVER AT GREEN RIVER , UT ADJUSTED (C)	2,362	2,766	117%	83,137	164,611	3,090	29-Dec	2,100	31-Dec
		1,135	48%	35,196	69,811				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,019	521	51%	16,175	32,027	637	10-Dec	465	25-Dec
		368	36%	11,408	22,627				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	170	82	48%	2,548	5,044	138	1-Dec	56	30-Dec
		58	34%	1,813	3,596				

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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	168,033	-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  
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	(A)MEDIAN ft <sup>3</sup> /s (1981-2010)	MEAN ft <sup>3</sup> /s THIS MONTH							
	January	2019							
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	3,325	2,246	68%	69,741	138,088	2,820	8-Jan	1,710	5-Jan
		2,293	69%	71,080	140,988				
GREEN RIVER AT GREEN RIVER, UT ADJUSTED (C)	2,499	2,851	114%	88,541	175,312	3,420	13-Jan	1,400	4-Jan
		1,387	56%	43,011	85,312				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,026	566	55%	17,567	34,783	684	7-Jan	490	11-Jan
		410	40%	12,696	25,183				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	160	99	62%	3,087	6,113	172	19-Jan	48	3-Jan
		108	68%	3,345	6,634				

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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

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DAYS IN  
MONTH  
28

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							
	February	2019							
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	3,307	2,457	74%	68,917	136,455	4,210	16-Feb	1,850	1-Feb
		2,385	72%	66,779	132,455				
GREEN RIVER AT GREEN RIVER, UT ADJUSTED (C)	2,855	2,859	100%	80,187	158,770	3,220	20-Feb	2,220	12-Feb
		1,445	51%	40,469	80,270				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,217	794	65%	22,265	44,086	2,150	17-Feb	535	12-Feb
		747	61%	20,915	41,486				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	195	138	71%	3,866	7,654	838	16-Feb	57	1-Feb
		116	59%	3,240	6,427				

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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	167,327	-1,227	168,554
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	247,700	-4,000	251,700
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,148,800	-48,900	3,197,700
FONTENELLE RESERVOIR AT FONTENELLE, WYOMING (b)	4,280	344,300	120,000	-29,600	149,600
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	865,200	-3,900 NIIP 1,300	869,100
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	9,260,700	-368,500	9,629,200
TOTALS		31,620,800	13,642,400	-454,900	14,097,300

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DAYS IN  
MONTH  
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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 ADJUSTED (B)	3,934	3,492	89%	108,439	214,709	5,420	14-Mar	2,610	1-Mar
		3,524	90%	109,256	216,709				
GREEN RIVER AT GREEN RIVER, UT ADJUSTED (C)	3,790	3,423	90%	106,292	210,459	4,110	31-Mar	2,790	18-Mar
		3,607	95%	111,802	221,759				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,262	1,895	150%	58,853	116,529	5,290	14-Mar	1,090	1-Mar
		3,421	271%	106,039	210,329				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	360	377	105%	11,721	23,208	994	14-Mar	202	12-Mar
		391	109%	12,128	24,056				

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MCPHEE RESERVOIR, MONTEZUMA COUNTY, CO	809	229,200	168,175	848	167,327
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	249,700	2,000	247,700
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,185,000	36,200	3,148,800
FONTENELLE RESERVOIR AT FONTENELLE, WYOMING (b)	4,280	344,300	95,100	-24,900	120,000
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	955,500	90,300 NIIP 3,500	865,200
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	9,049,000	-211,700	9,260,700
TOTALS		31,620,800	13,534,300	-108,100	13,642,400

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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 MEDIAN	TOTAL ft <sup>3</sup> /s					
	(1981-2010)	THIS MONTH		DAYS					
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	6,800	7,882	116%	236,886	469,034	17,400	30-Apr	3,490	3-Apr
		9,312	137%	279,372	554,134				
GREEN RIVER AT GREEN RIVER , UT ADJUSTED (C)	5,242	6,005	115%	180,459	357,308	11,800	30-Apr	3,600	6-Apr
		8,678	166%	260,352	516,408				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,766	1,970	112%	59,197	117,211	3,340	30-Apr	1,350	4-Apr
		5,008	284%	150,245	298,011				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	1,482	2,186	148%	65,702	130,089	4,030	30-Apr	411	3-Apr
		3,703	250%	111,095	220,357				

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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	258,443	90,268	168,175
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	334,800	85,100	249,700
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,302,600	117,600	3,185,000
FONTENELLE RESERVOIR AT FONTENELLE , WYOMING (b)	4,280	344,300	136,600	41,500	95,100
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	1,116,700	161,200 NIIP 19,600	955,500
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	9,197,900	148,900	9,049,000
TOTALS		31,620,800	14,088,600	554,300	13,534,300

(a) Preliminary Data  
(b) Approximate

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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 ADJUSTED (B)	12,600	14,572	116%	452,530	896,010	21,600	1-May	10,900	13-May
		16,400	130%	508,399	1,008,410				
GREEN RIVER AT GREEN RIVER , UT ADJUSTED (C)	11,635	11,593	100%	360,009	712,819	15,100	2-May	9,130	16-May
		13,892	119%	430,662	854,219				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	4,209	2,563	61%	79,606	157,621	3,740	19-May	1,960	31-May
		5,613	133%	173,996	345,121				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	2,103	2,428	116%	75,414	149,319	5,020	1-May	1,630	21-May
		3,652	174%	113,216	224,563				

- (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	333,687	75,244	258,443
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	447,200	112,400	334,800
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,376,500	73,900	3,302,600
FONTENELLE RESERVOIR AT FONTENELLE , WYOMING (b)	4,280	344,300	204,100	67,500	136,600
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	1,278,800	162,100 NIIP 25,400	1,116,700
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	10,343,100	1,145,200	9,197,900
TOTALS		31,620,800	15,649,700	1,561,100	14,088,600

- (a) Preliminary Data  
 (b) Approximate

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DAYS IN  
MONTH  
30

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							
	June	2019							
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	13,805	28,983	210%	871,018	1,724,615	39,100	10-Jun	17,000	1-Jun
		33,160	240%	994,815	1,973,215				
GREEN RIVER AT GREEN RIVER, UT ADJUSTED (C)	12,350	21,915	177%	658,603	1,304,034	28,600	19-Jun	11,100	1-Jun
		24,078	195%	722,326	1,432,734				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	3,931	6,281	160%	188,774	373,773	11,100	16-Jun	1,830	1-Jun
		10,610	270%	318,313	631,373				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	1,313	3,367	256%	101,194	200,364	5,670	16-Jun	2,080	2-Jun
		4,167	317%	125,005	247,947				

- (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	381,270	47,583	333,687
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	695,800	248,600	447,200
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,448,500	72,000	3,376,500
FONTENELLE RESERVOIR AT FONTENELLE, WYOMING (b)	4,280	344,300	260,800	56,700	204,100
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	1,500,600	221,800 NIIP 35,800	1,278,800
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	12,914,400	2,571,300	10,343,100
TOTALS		31,620,800	18,820,100	3,170,400	15,649,700

- (a) Preliminary Data  
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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							
	July	2019							
COLORADO RIVER NR CISCO, UTAH ADJUSTED (B)	5,546	17,341	313%	538,526	1,066,281	31,300	3-Jul	9,950	31-Jul
		19,403	350%	601,503	1,193,081				
GREEN RIVER AT GREEN RIVER, UT ADJUSTED (C)	3,675	9,347	254%	290,277	574,748	18,100	3-Jul	3,870	31-Jul
		11,128	303%	344,970	684,248				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,581	3,436	217%	106,700	211,265	6,230	3-Jul	1,960	31-Jul
		4,693	297%	145,483	288,565				
DOLORES RIVER NR CISCO, UTAH ADJUSTED (E)	444	1,378	310%	42,808	84,760	3,390	2-Jul	587	31-Jul
		1,137	256%	35,243	69,904				

- (A) MEDIAN OF MEAN DISCHARGES FOR THE MONTH FOR 30-YR PERIOD 1981-2010  
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 (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	366,414	-14,856	381,270
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	822,600	126,800	695,800
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,501,700	53,200	3,448,500
FONTENELLE RESERVOIR AT FONTENELLE, WYOMING (b)	4,280	344,300	317,100	56,300	260,800
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	1,530,600	30,000 NIIP 47,300	1,500,600
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	13,933,500	1,019,100	12,914,400
TOTALS		31,620,800	20,105,500	1,285,400	18,820,100

(a) Preliminary Data  
(b) Approximate

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DAYS IN  
MONTH  
31

STREAM	MONTHLY DISCHARGE (a)				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	MEAN ft <sup>3</sup> /s	PERCENT 30 YEAR	TOTAL ft <sup>3</sup> /s					
	(1981-2010)	THIS MONTH	MEDIAN	DAYS					
COLORADO RIVER NR CISCO, UTAH	4,153	5,982	144%	179,769	355,943	10,100	1-Aug	3,460	30-Aug
ADJUSTED (B)		5,169	124%	160,244	317,843				
GREEN RIVER AT GREEN RIVER, UT	2,460	2,980	121%	92,527	183,203	3,810	1-Aug	2,410	31-Aug
ADJUSTED (C)		1,958	80%	60,702	120,403				
SAN JUAN RIVER NEAR BLUFF, UT	1,175	1,551	132%	48,164	95,364	1,900	4-Aug	1,230	22-Aug
ADJUSTED (D)		1,055	90%	32,702	64,864				
DOLORES RIVER NR CISCO, UTAH	273	357	131%	11,077	21,932	668	3-Aug	137	31-Aug
ADJUSTED (E)		-181	-66%	-5,607	-11,122				

- (A) MEDIAN OF MEAN DISCHARGES FOR THE MONTH FOR 30-YR PERIOD 1981-2010  
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 (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	333,360	-33,054	366,414
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	784,500	-38,100	822,600
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,458,000	-43,700	3,501,700
FONTENELLE RESERVOIR AT FONTENELLE, WYOMING (b)	4,280	344,300	298,000	-19,100	317,100
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	1,458,500	-72,100	1,530,600
				NIIP 41,600	
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	13,610,200	-323,300	13,933,500
TOTALS		31,620,800	19,609,200	-496,300	20,105,500

- (a) Preliminary Data  
 (b) Approximate

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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	4,255	3,784	89%	113,715	225,156	4,190	18-Sep	3,240	7-Sep
ADJUSTED (B)		2,965	70%	88,962	176,456				
GREEN RIVER AT GREEN RIVER, UT	2,526	2,685	106%	80,685	159,755	2,990	17-Sep	2,410	7-Sep
ADJUSTED (C)		1,429	57%	42,881	85,055				
SAN JUAN RIVER NEAR BLUFF, UT	1,262	1,209	96%	36,323	71,920	1,570	2-Sep, 3-Sep	682	30-Sep
ADJUSTED (D)		515	41%	15,437	30,620				
DOLORES RIVER NR CISCO, UTAH	216	98	45%	2,946	5,832	170	13-Sep	57	30-Sep
ADJUSTED (E)		-447	-207%	-13,401	-26,582				

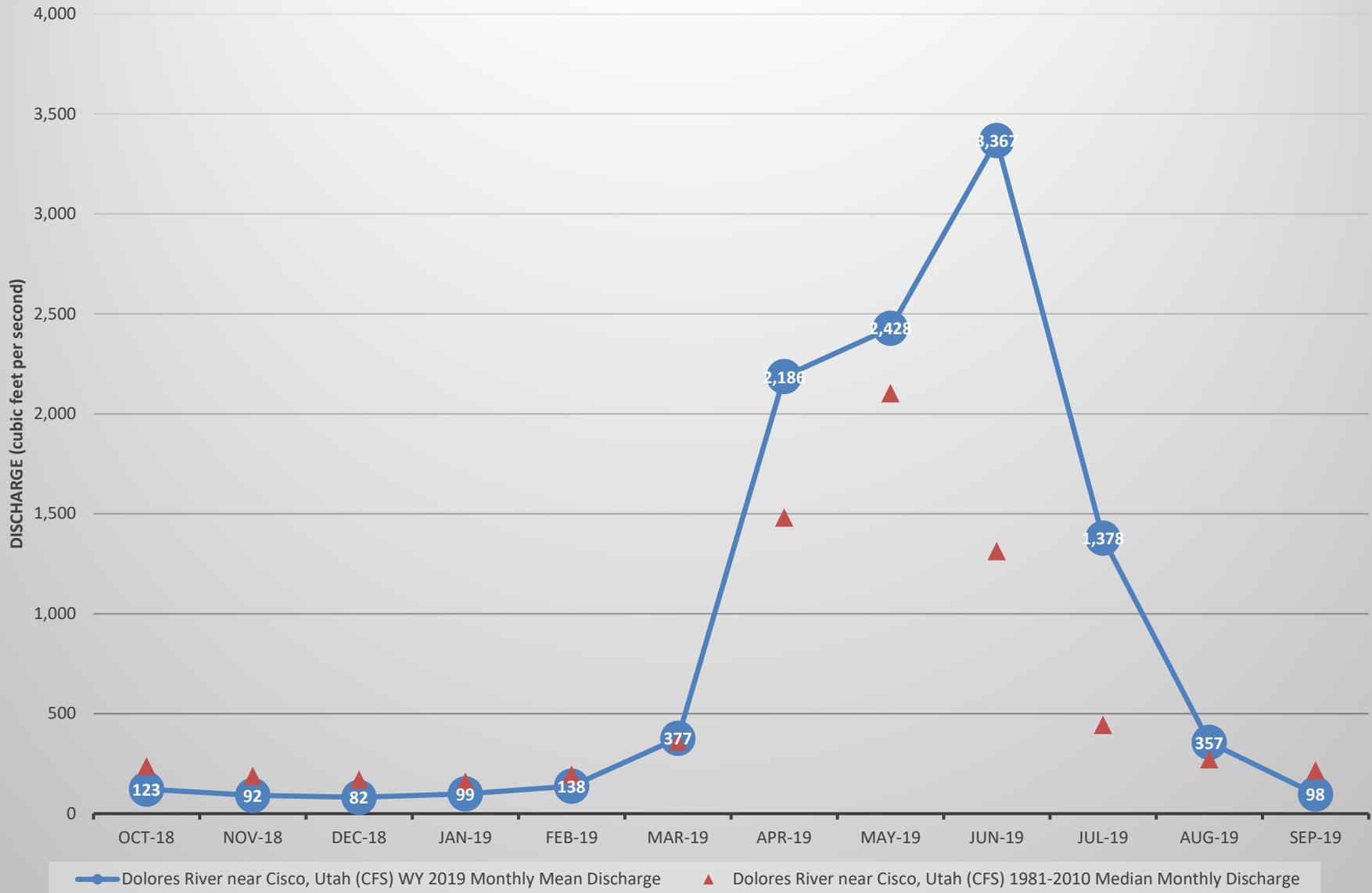
- (A) MEDIAN OF MEAN DISCHARGES FOR THE MONTH FOR 30-YR PERIOD 1981-2010  
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RESERVOIR	DRAINAGE ABOVE DAM (Mi <sup>2</sup> )	USABLE CAPACITY (AC-FT)	END OF MO. USABLE CONTENTS (AC-FT)	CHANGE DURING MONTH (AC-FT)	PREVIOUS MONTH
MCPHEE RESERVOIR, MONTEZUMA COUNTY, CO	809	229,200	300,946	-32,414	333,360
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO	3,426	829,500	735,800	-48,700	784,500
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT (b)	15,100	3,739,000	3,410,000	-48,000	3,458,000
FONTENELLE RESERVOIR AT FONTENELLE, WYOMING (b)	4,280	344,300	271,300	-26,700	298,000
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO (b)	3,320	1,696,000	1,388,100	-70,400 NIIP 29,100	1,458,500
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA (b)	107,700	25,002,000	13,277,400	-332,800	13,610,200
TOTALS		31,620,800	19,082,600	-526,600	19,609,200

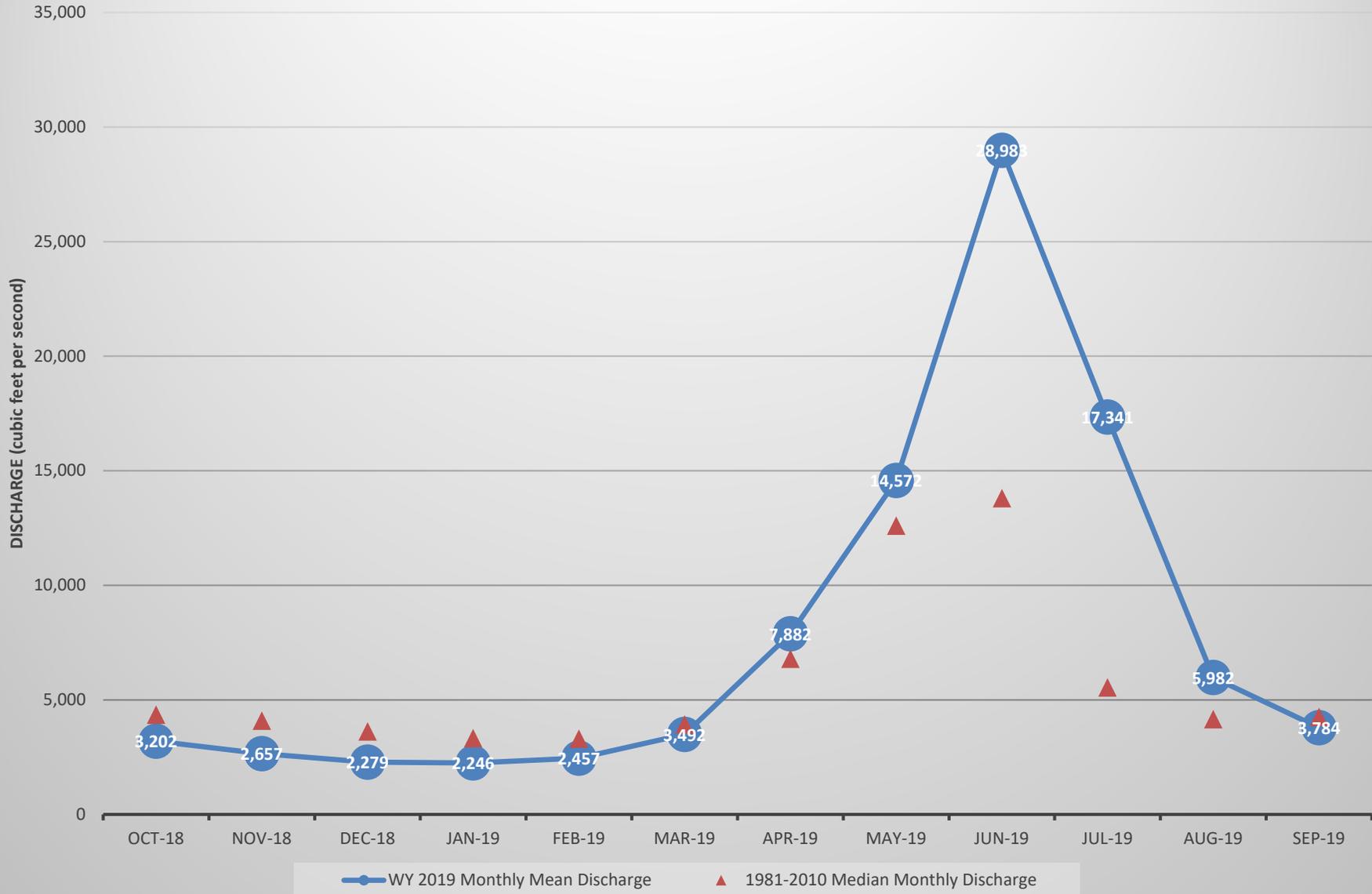
- (a) Preliminary Data  
 (b) Approximate

# Dolores River near Cisco, UT

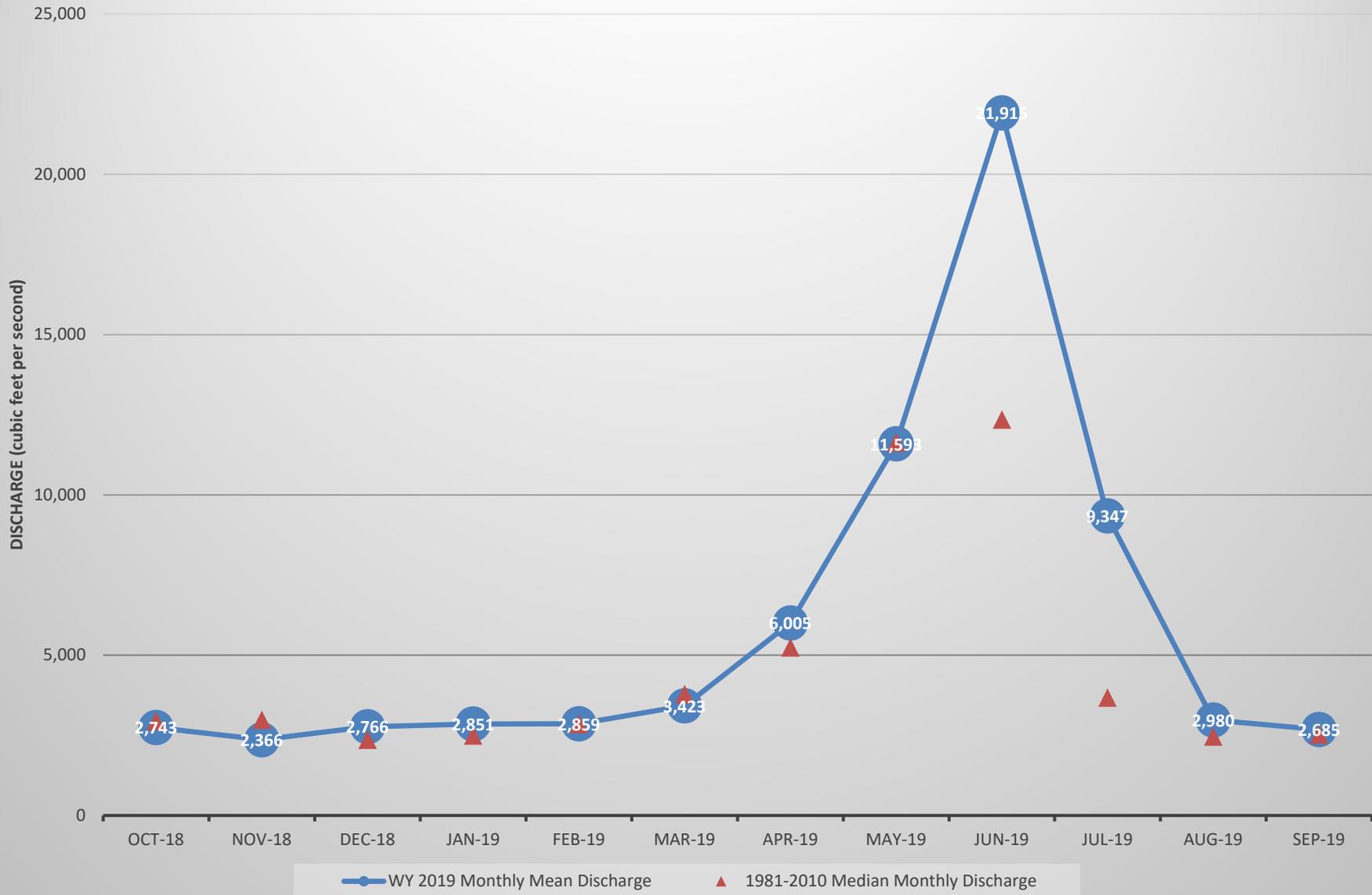
## Monthly Mean Discharge (cubic feet per second)



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

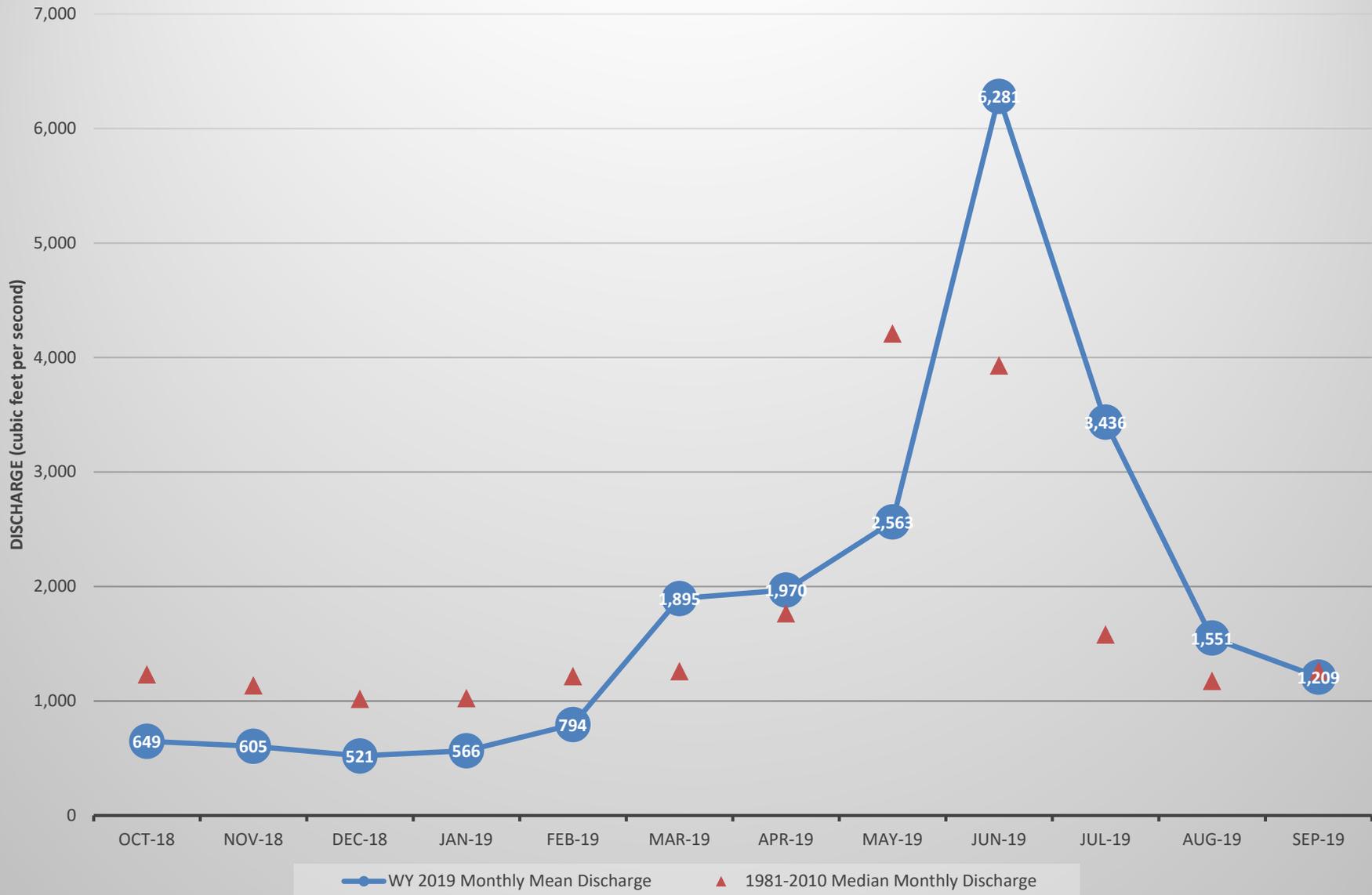


# Green River at Green River, UT Monthly Mean Discharge (cubic feet per second)



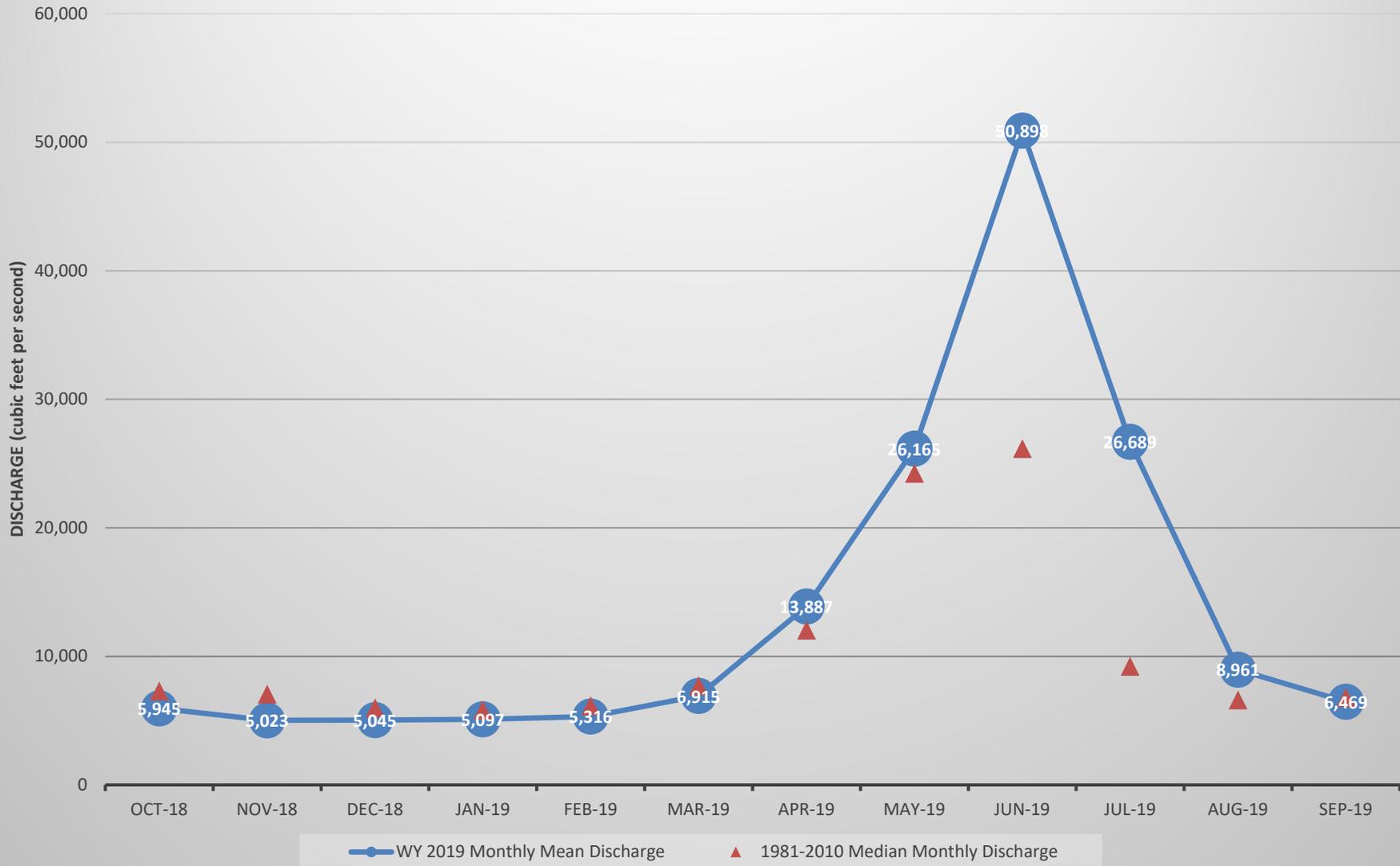
# San Juan River near Bluff, UT

## Monthly Mean Discharge (cubic feet per second)

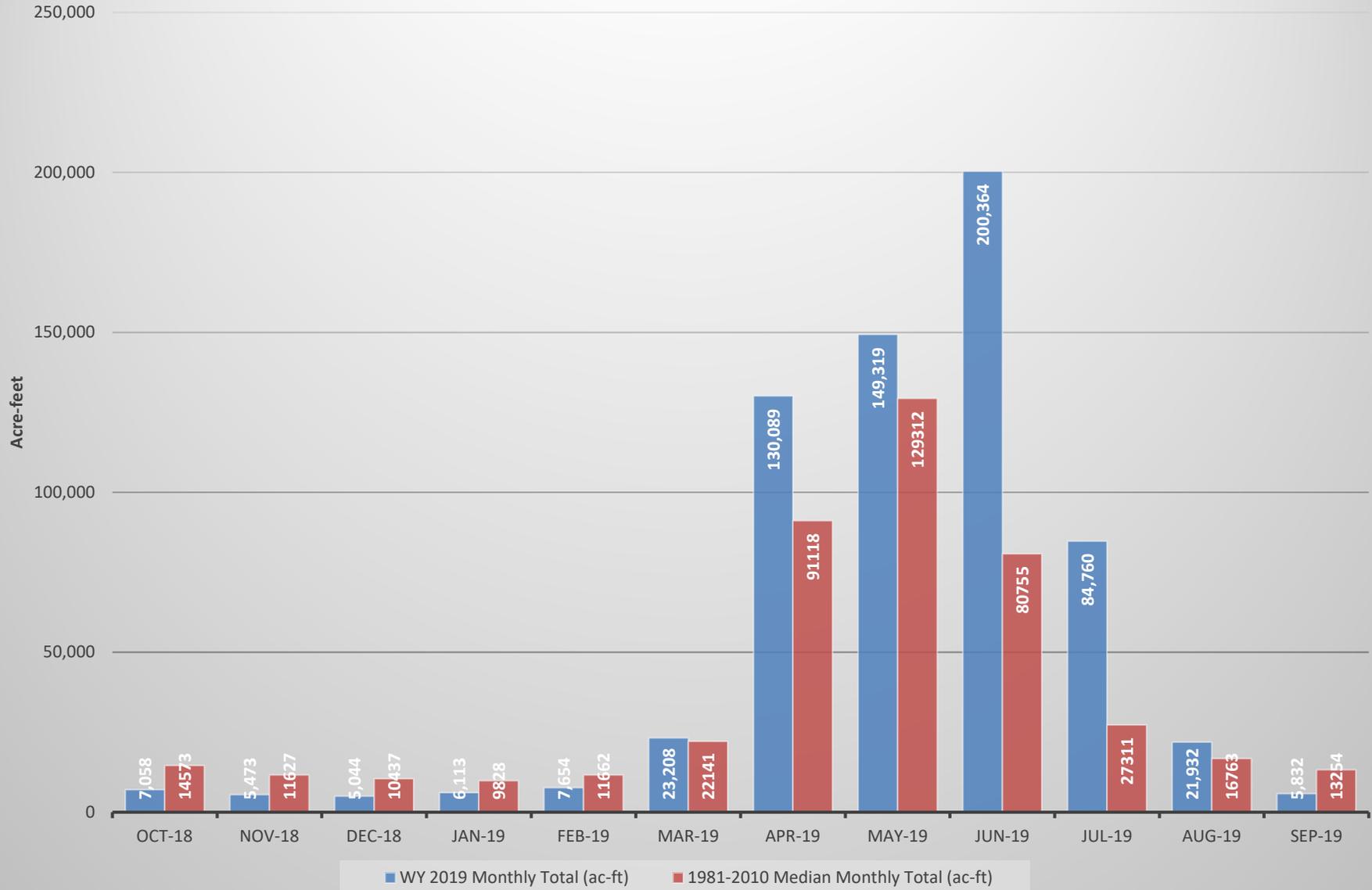


# Estimated Flow at Confluence

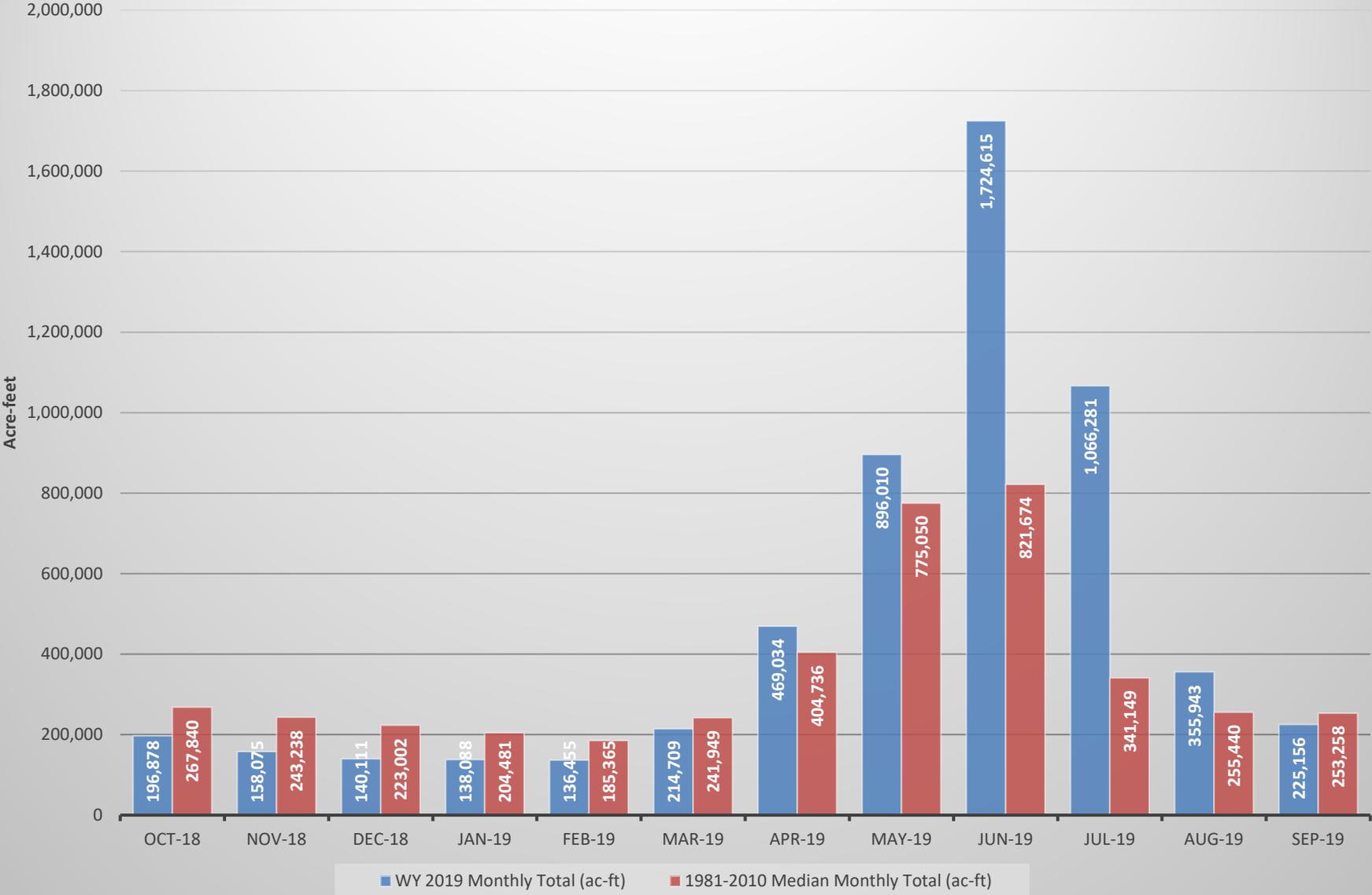
## Sum of Colorado River near Cisco, UT and Green River at Green River, UT Monthly Mean Discharge (cubic feet per second)



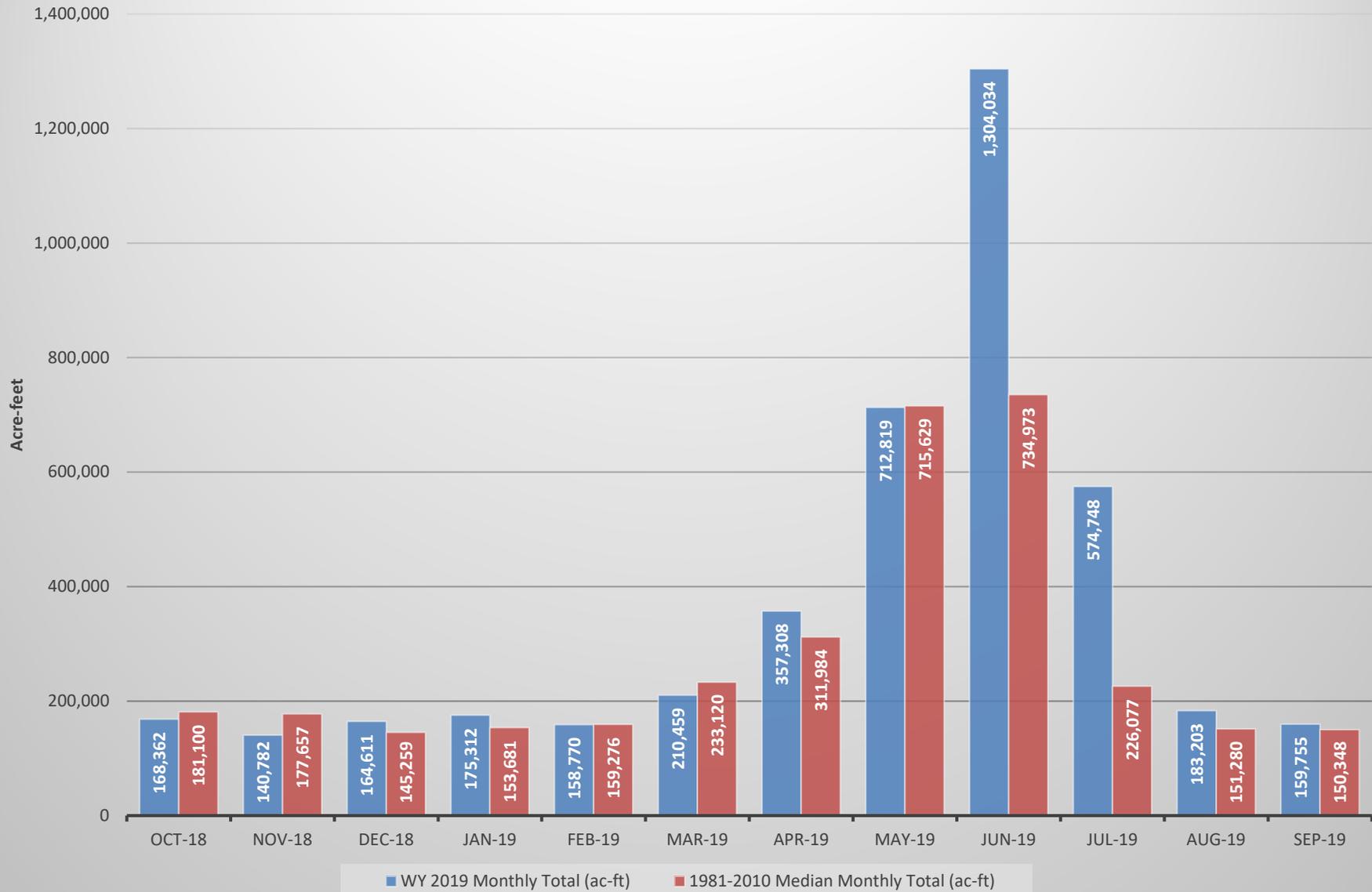
## Dolores River near Cisco, Utah Total Monthly Discharge (ac-ft)



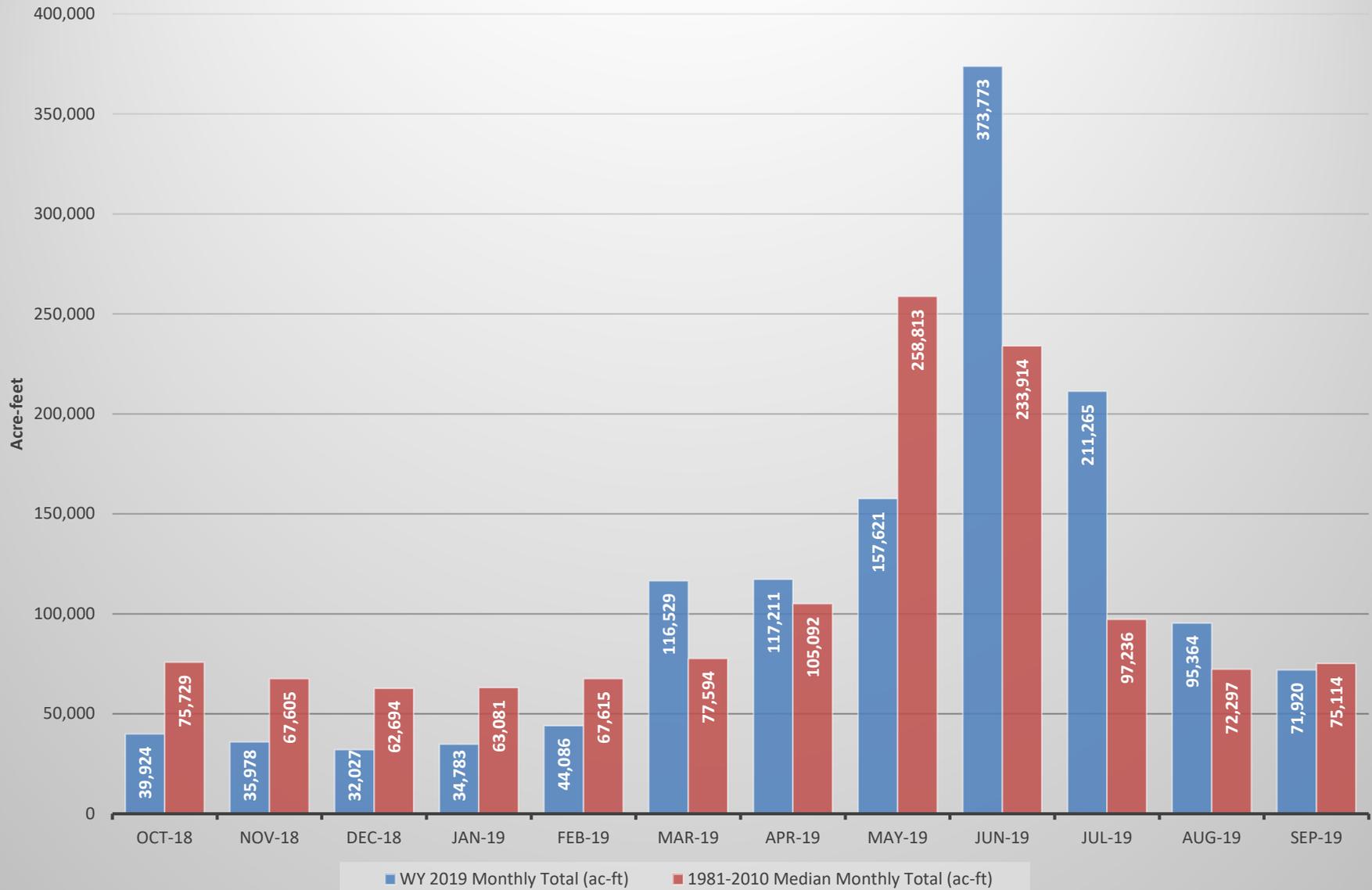
# Colorado River near Cisco, Utah Total Monthly Discharge (ac-ft)



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

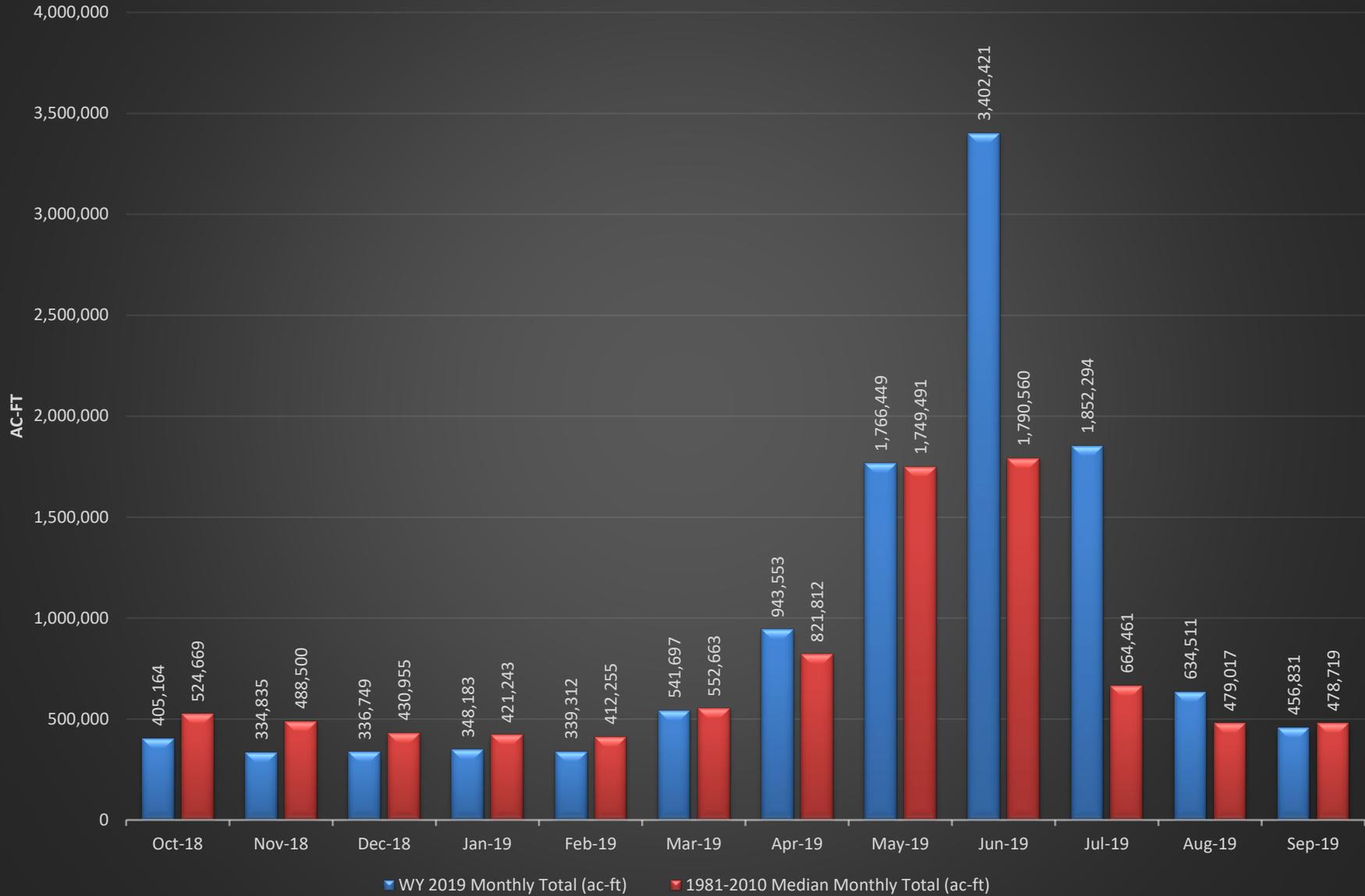


## San Juan River near Bluff, Utah Total Monthly Discharge (ac-ft)



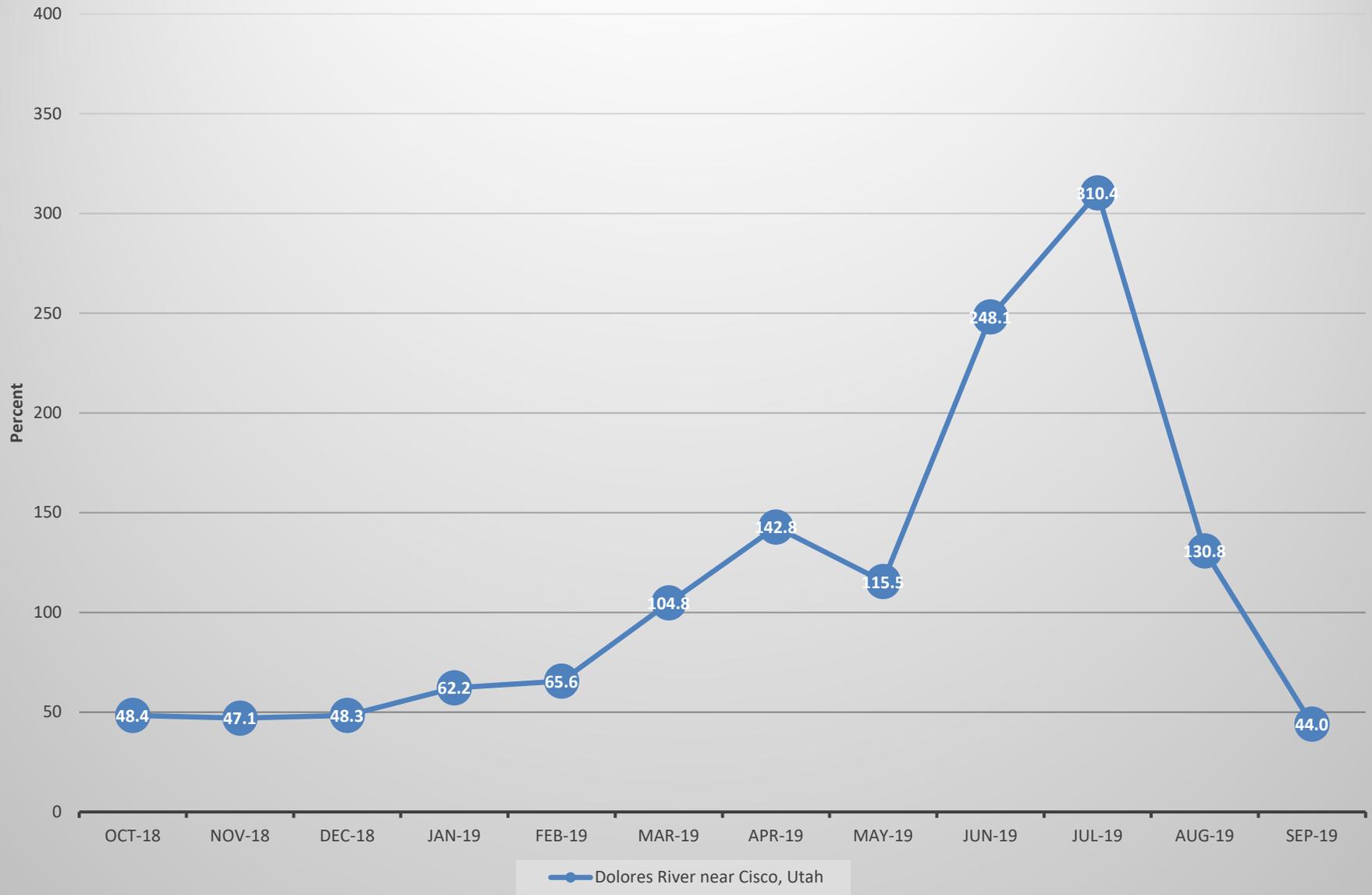
# SUM OF MAJOR INFLOWS TO LAKE POWELL

## Total Monthly Discharge (ac-ft)



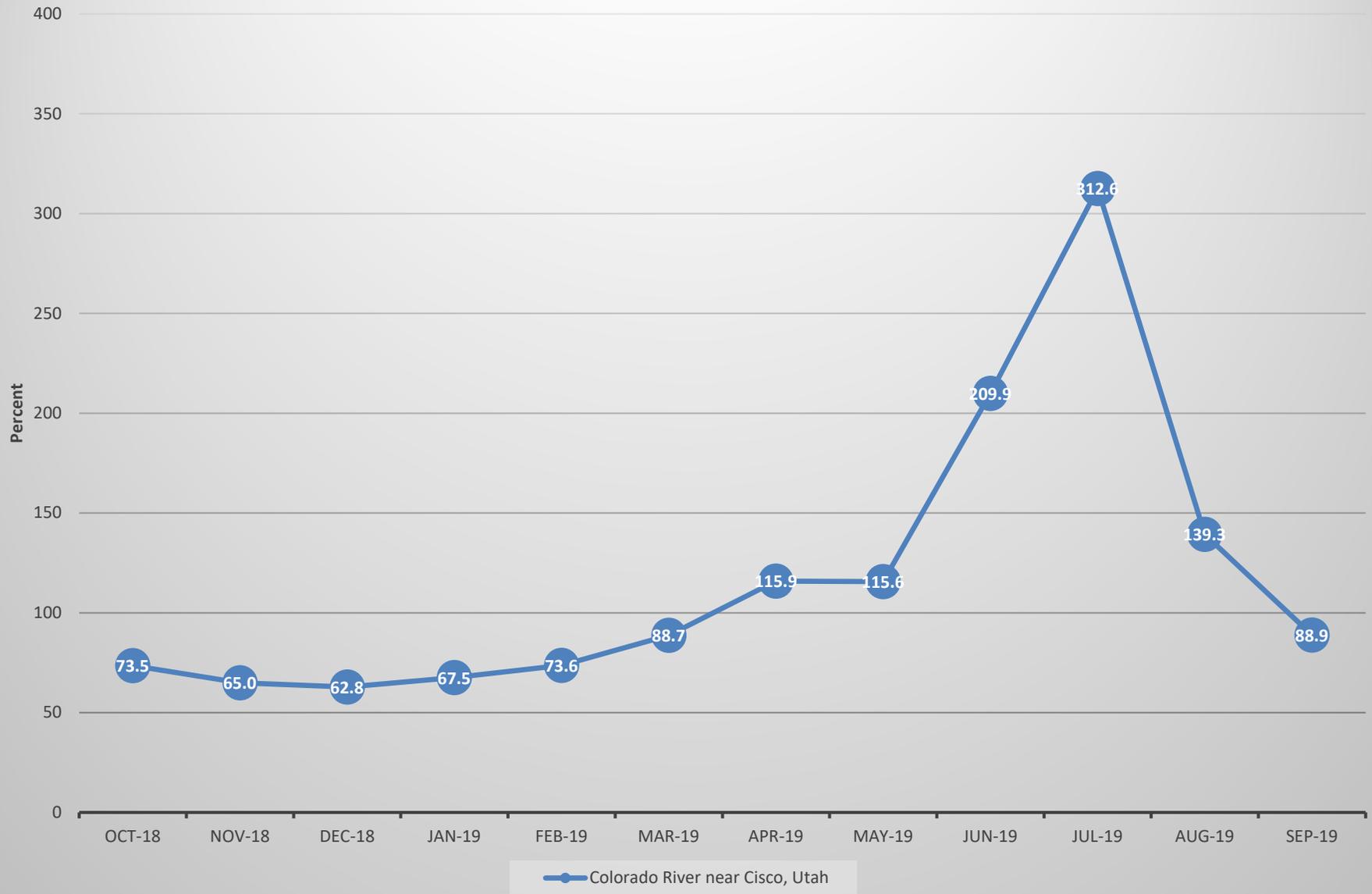
# Dolores River near Cisco, UT

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



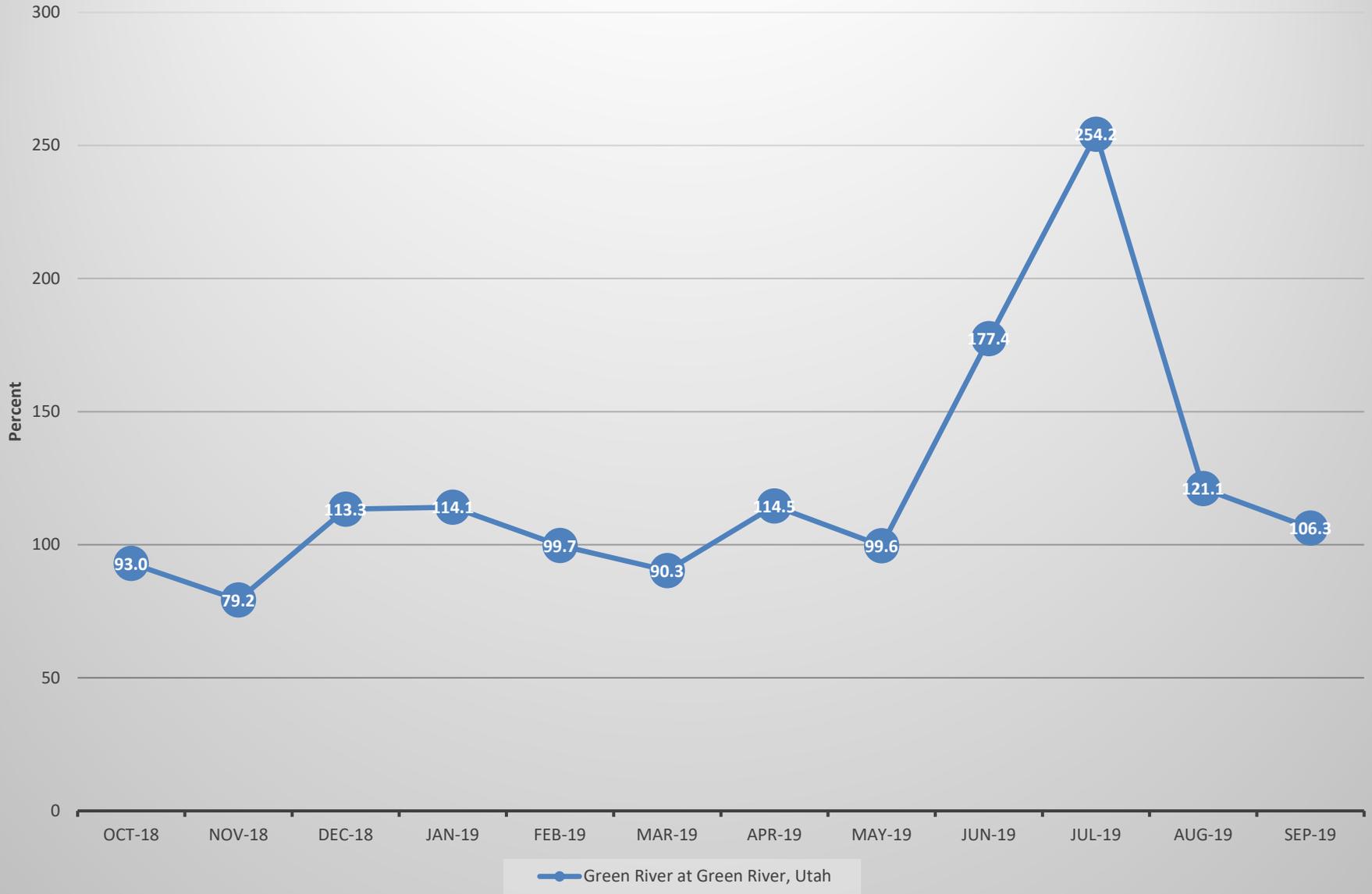
# Colorado River near Cisco, UT

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



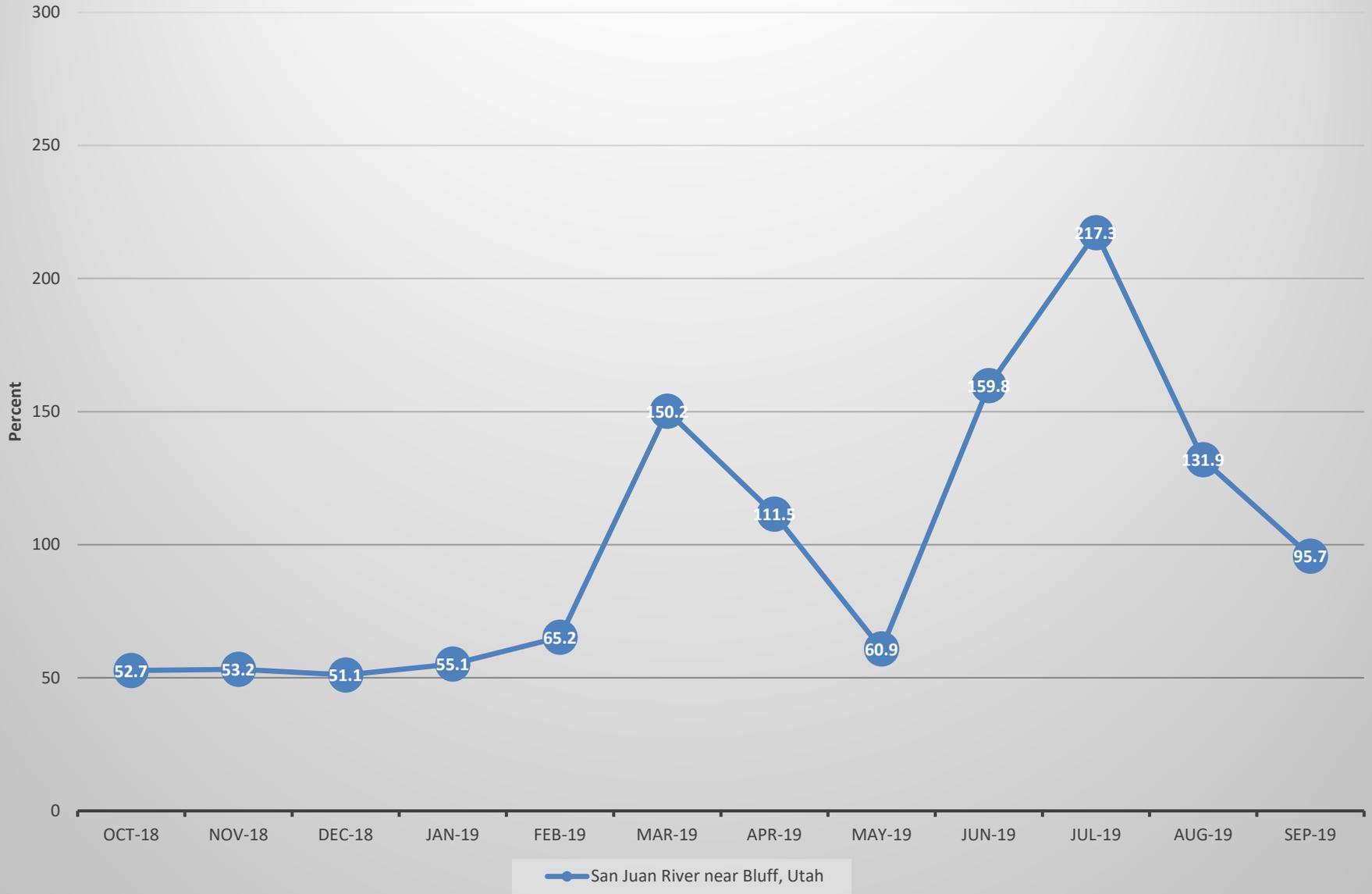
# Green River at Green River, UT

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

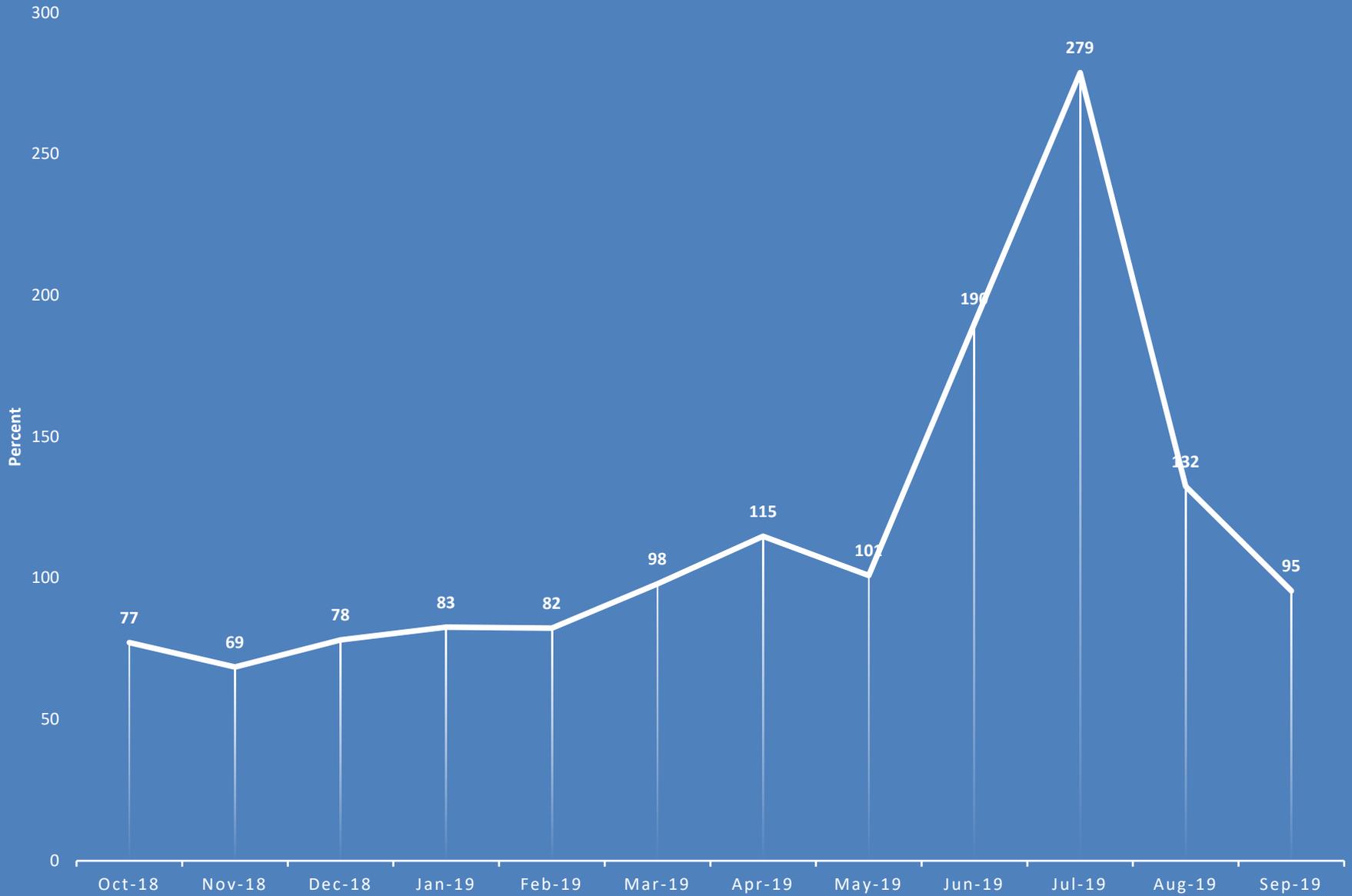


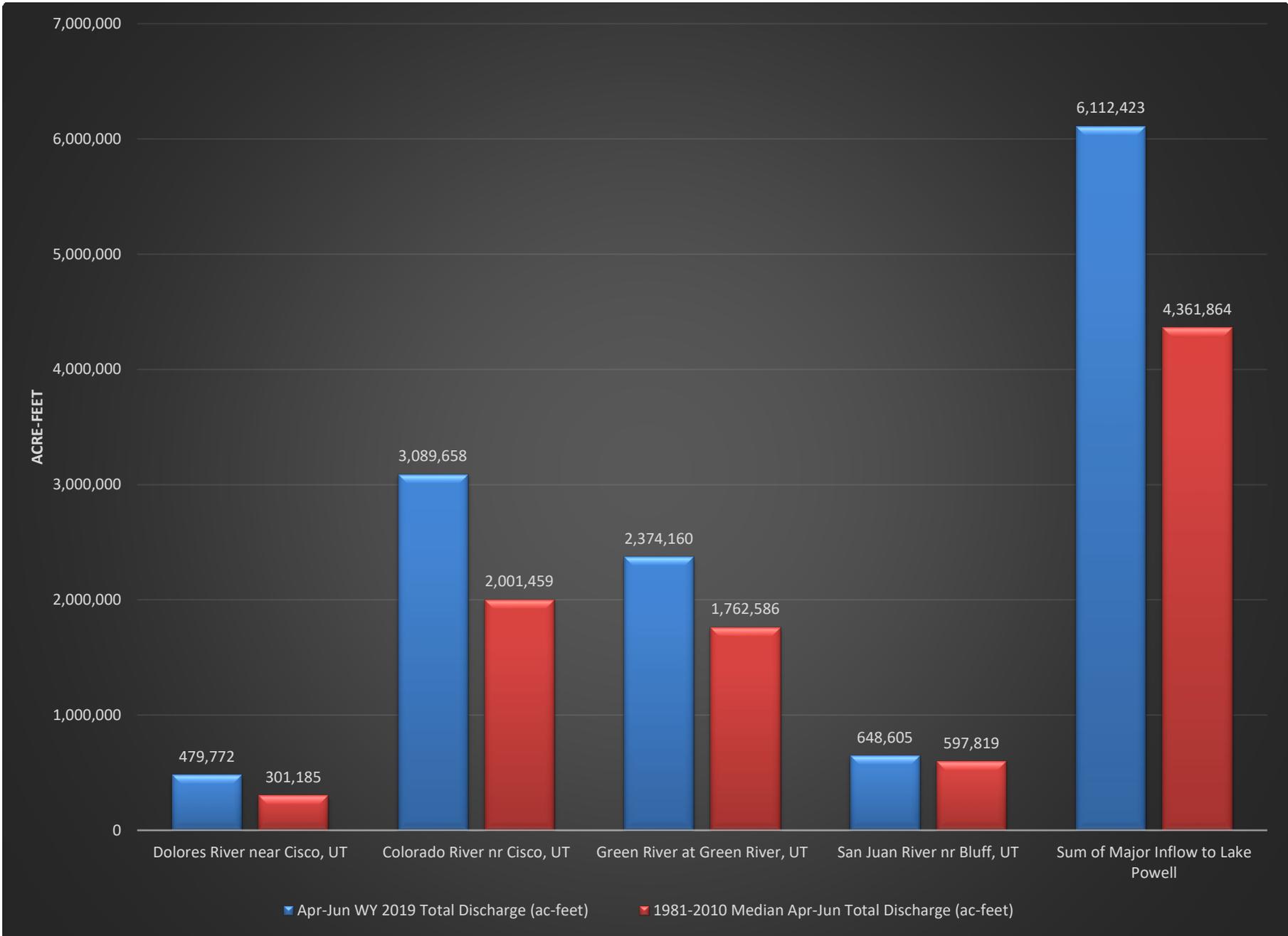
# San Juan near Bluff, UT

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

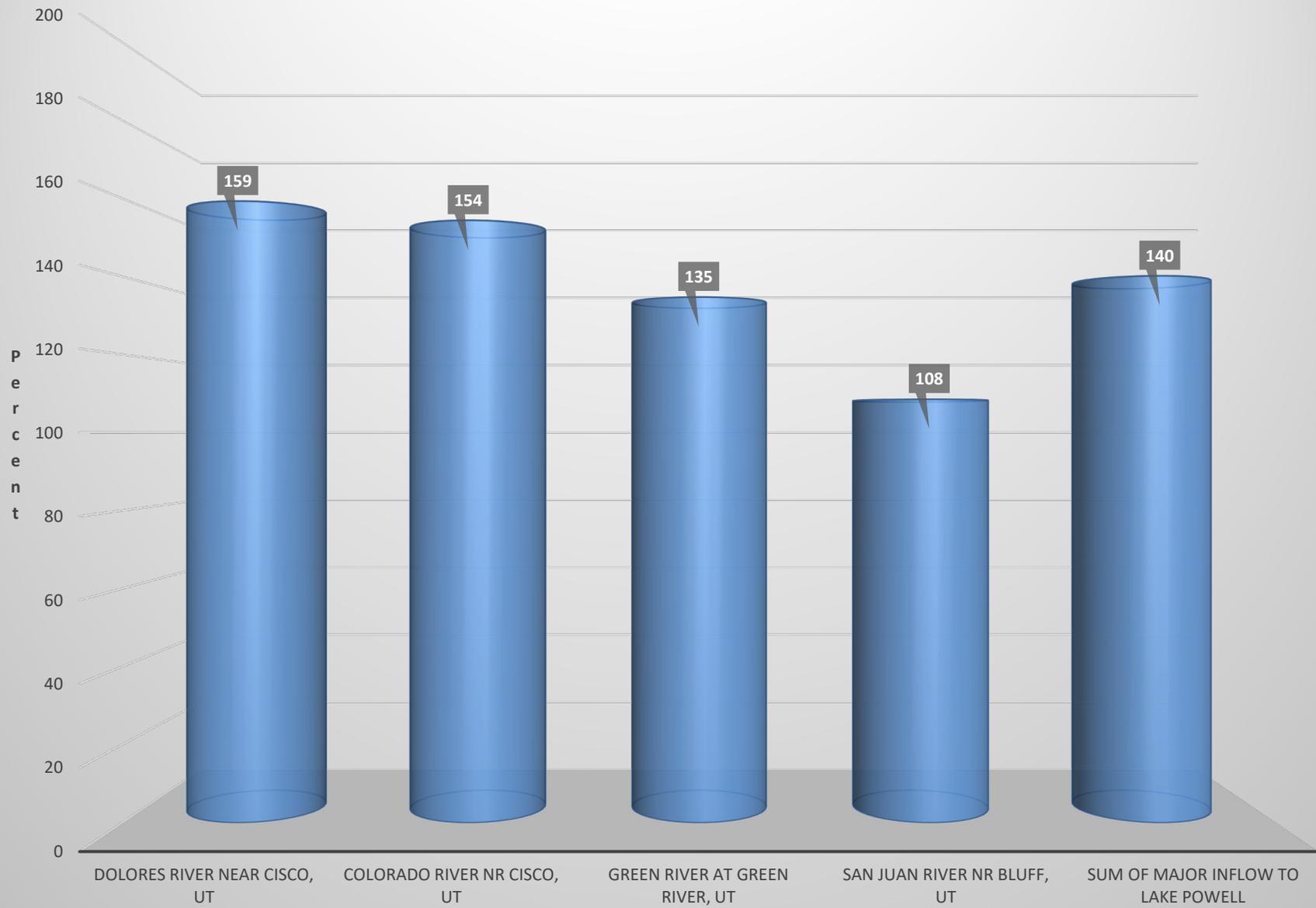


# SUM OF FLOWS TO LAKE POWELL TOTAL MONTHLY DISCHARGE AS PERCENT OF 30 YEAR (1981-2010) MEDIAN

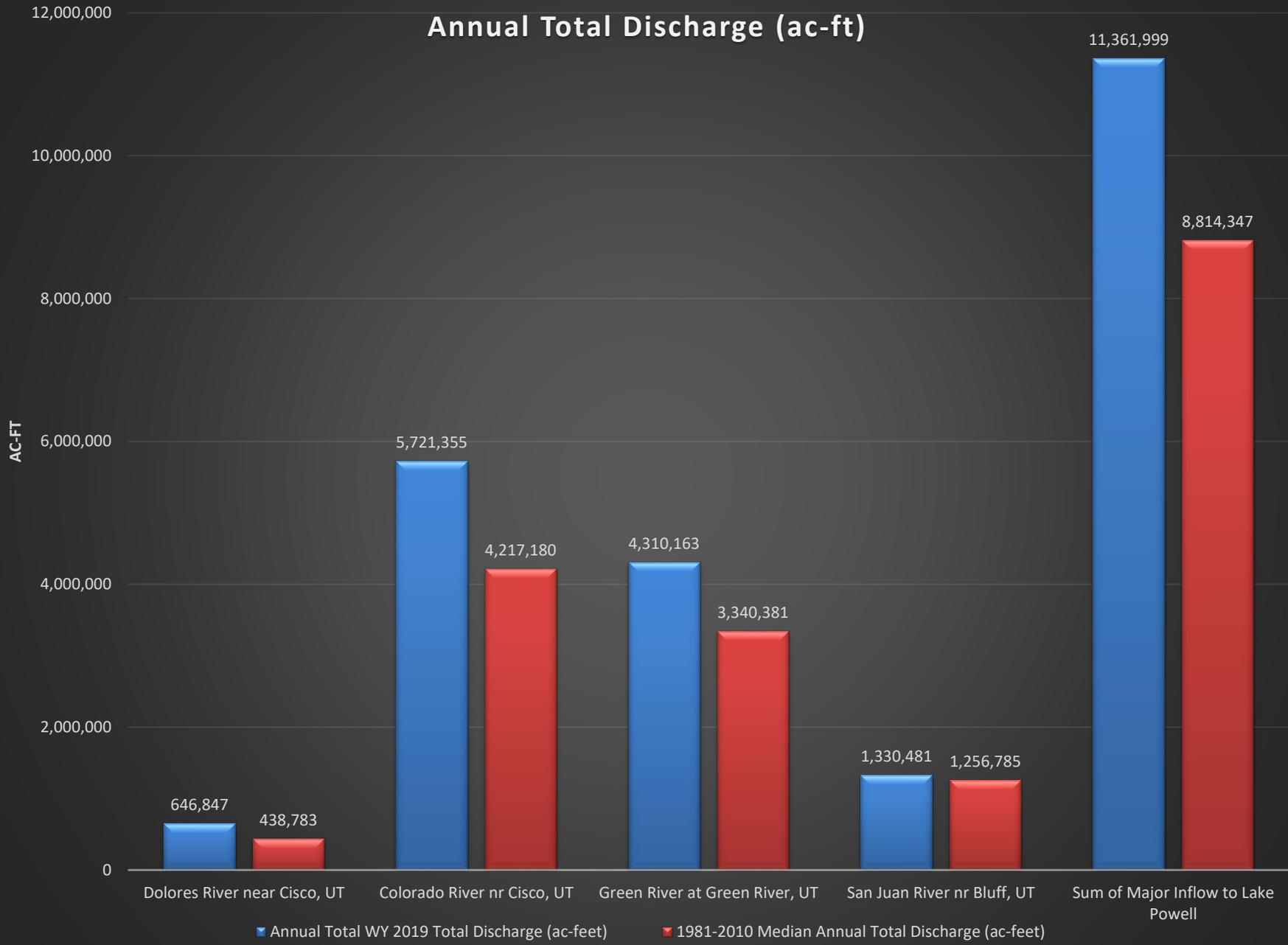




## Apr-Jun Total Discharge as Percent of 30 year Median (1981-2010)



# Annual Total Discharge (ac-ft)



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

