



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

Utah Water Science Center

Upper Colorado River Streamflow and Reservoir Contents

Provisional Data for:
March 2014

On the Web at: http://ut.water.usgs.gov/reports/ucr_monthly.html

PROVISIONAL DATA
SUBJECT TO REVISION

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 ADJUSTED (B)	3,934	3,470	88%	107,560	213,300	3,740	18	2,950	26
		3,622	92%	112,276	222,700				
GREEN RIVER AT GREEN RIVER , UT ADJUSTED (C)	3,790	2,366	62%	73,340	145,500	3,400	1	1,980	30
		2,864	76%	88,782	176,100				
SAN JUAN RIVER NEAR BLUFF, UT ADJUSTED (D)	1,262	656	52%	20,325	40,310	1,050	4	513	27
		1,213	96%	37,615	74,610				

(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 ESTIMATED

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	407,700	9,400	398,300
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT	(b) 15,100	3,739,000	2,916,900	45,700	2,871,200
FONTENELLE RESERVOIR AT FONTENELLE , WYOMING	(b) 4,280	344,300	121,300	-15,100	136,400
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO	(b) 3,320	1,696,000	996,100	30,100 NIIP 4,200	966,000
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA	(b) 107,700	25,002,000	9,497,300	-65,800	9,563,100
TOTALS		31,620,800	13,939,300	4,300	13,935,000

(a) Preliminary Data

(b) Approximate

Colorado River near Cisco, Utah

Percent of 30 year
Median (1981-2010)

	WY 2013 Monthly Total (ac-ft)	1981-2010 Median Monthly Total (ac-ft)	Colorado River near Cisco, Utah
Oct-12	271,000	267,840	101
Nov-12	213,600	243,238	88
Dec-12	146,000	223,002	65
Jan-13	155,600	204,481	76
Feb-13	162,300	185,365	88
Mar-13	213,300	241,949	88
Apr-13	0	404,736	0
May-13	0	775,050	0
Jun-13	0	821,674	0
Jul-13	0	341,149	0
Aug-13	0	255,440	0
Sep-13	0	253,258	0
TOTAL	1,161,800	4,217,180	28
apr-jun total	0	2,001,459	0

Green River at Green River, Utah

Percent of 30 year Median
(1981-2010)

	WY 2013 Monthly Total (ac-ft)	1981-2010 Median Monthly Total (ac-ft)	Green River at Green River, Utah
Oct-12	125,100	181,100	69
Nov-12	111,500	177,657	63
Dec-12	75,830	145,259	52
Jan-13	79,720	153,681	52
Feb-13	98,880	159,276	62
Mar-13	145,500	233,120	62
Apr-13	0	311,984	0
May-13	0	715,629	0
Jun-13	0	734,973	0
Jul-13	0	226,077	0
Aug-13	0	151,280	0
Sep-13	0	150,348	0
TOTAL	636,530	3,340,381	19
apr-jun total	0	1,762,586	0

San Juan River near Bluff, Utah

Percent of 30
year Median
(1981-2010)

	WY 2013 Monthly Total (ac-ft)	1981-2010 Median Monthly Total (ac-ft)	San Juan River near Bluff, Utah
Oct-12	51,590	75,729	68
Nov-12	49,520	67,605	73
Dec-12	36,880	62,694	59
Jan-13	31,140	63,081	49
Feb-13	32,690	67,615	48
Mar-13	40,310	77,594	52
Apr-13	0	105,092	0
May-13	0	258,813	0
Jun-13	0	233,914	0
Jul-13	0	97,236	0
Aug-13	0	72,297	0
Sep-13	0	75,114	0
TOTAL	242,130	1,256,785	19
apr-jun tr	0	597,819	0

Percent of 30
year Median
(1981-2010)

Colorado-Green-San Juan Sum

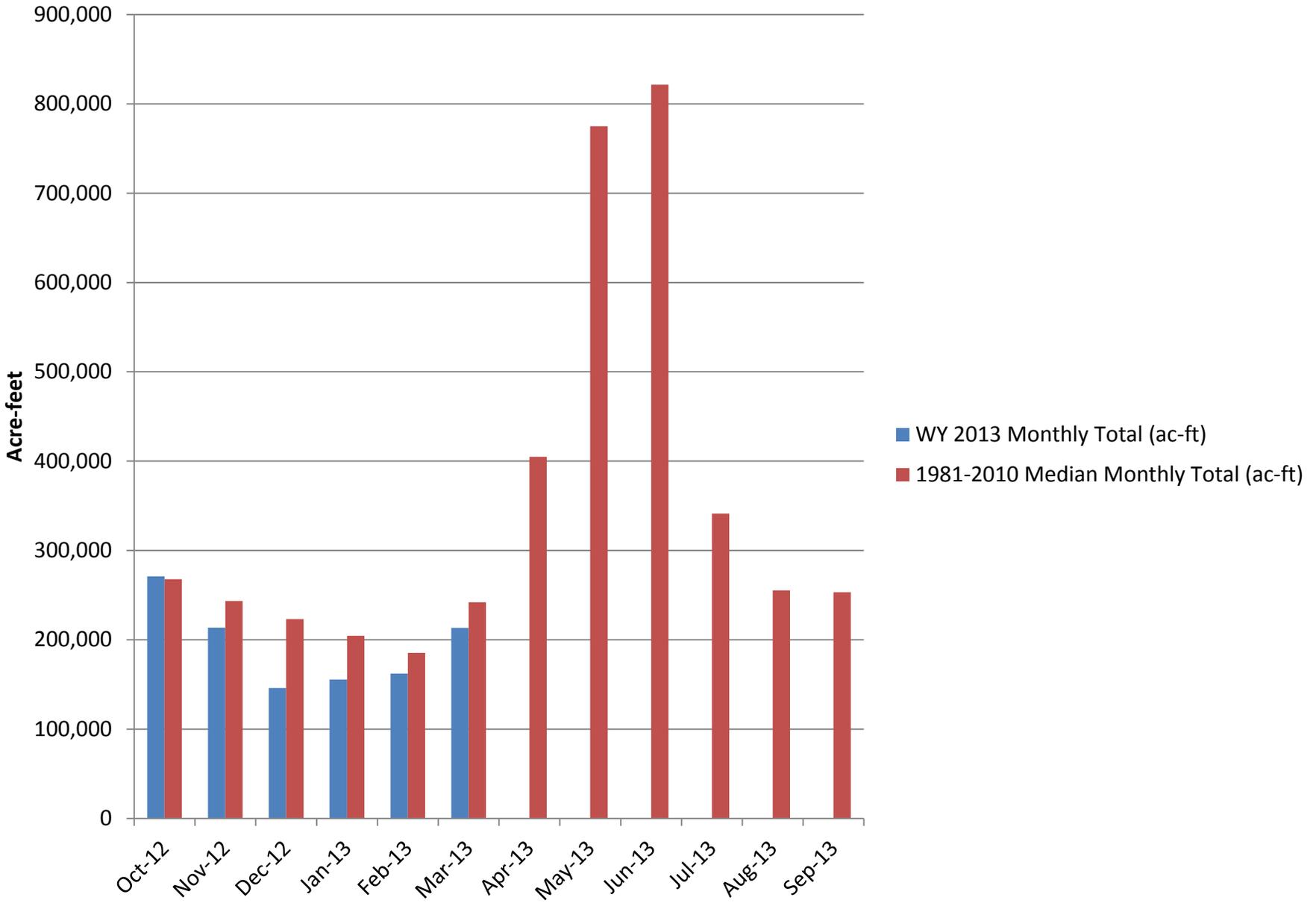
	WY 2013 Monthly Total (ac-ft)	1981-2010 Median Monthly Total (ac-ft)	Total Discharge of Major Inflows to Lake Powell
Oct-12	447,690	524,669	85
Nov-12	374,620	488,500	77
Dec-12	258,710	430,955	60
Jan-13	266,460	421,243	63
Feb-13	293,870	412,255	71
Mar-13	399,110	552,663	72
Apr-13	0	821,812	0
May-13	0	1,749,491	0
Jun-13	0	1,790,560	0
Jul-13	0	664,461	0
Aug-13	0	479,017	0
Sep-13	0	478,719	0
TOTAL	2,040,460	8,814,347	23
apr-jun tc	0	4,361,864	0

Apr-Jun WY 2013 Total Discharge (ac-feet)	1981-2010 Median Apr- Jun Total Discharge (ac-feet)	Total Discharge as Percent of 30 year
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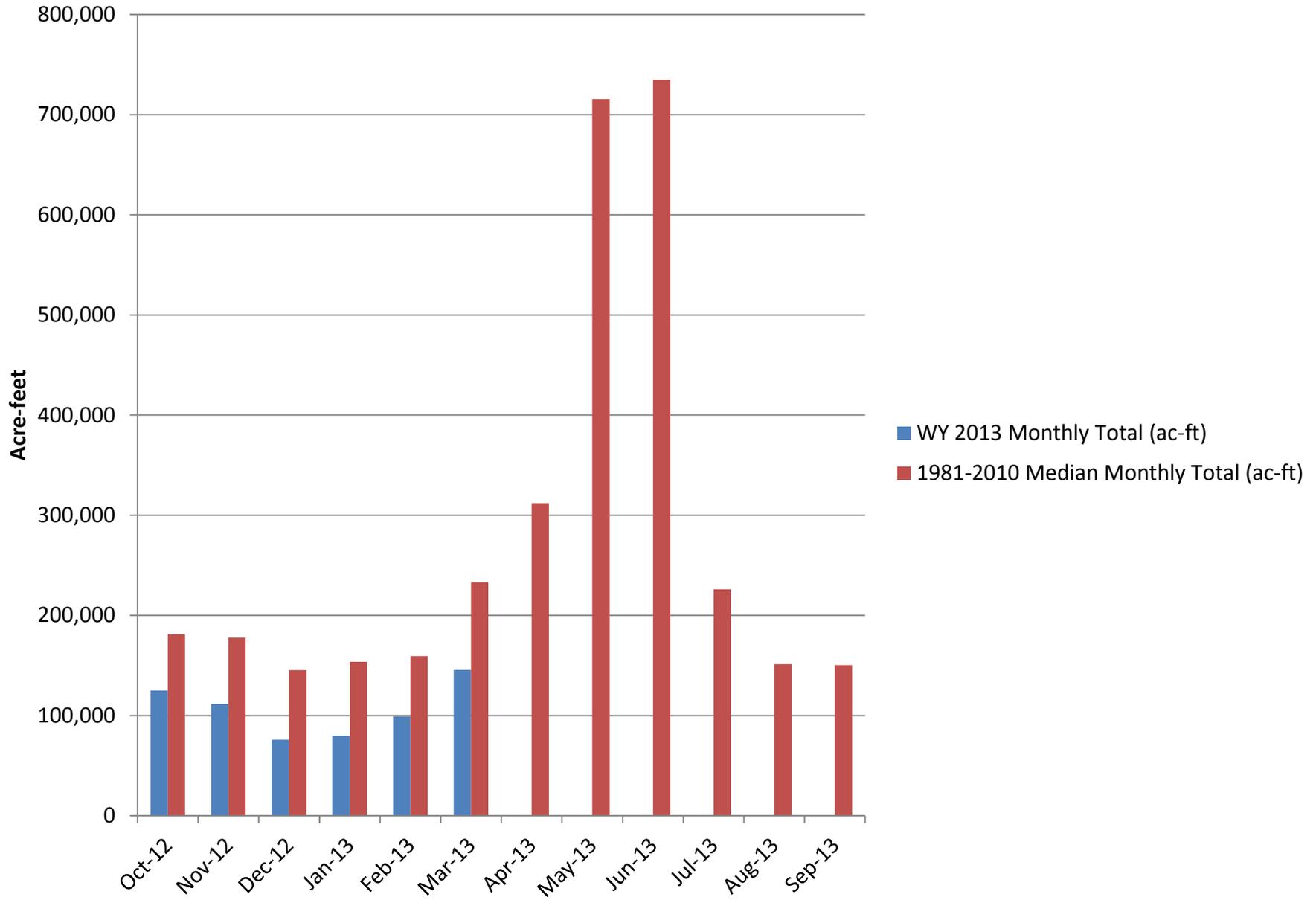
Colorado River nr Cisco, UT	0	2,001,459	0
Green River at Green River, UT	0	1,762,586	0
San Juan River nr Bluff, UT	0	597,819	0
Sum of Major Inflow to Lake Powell	0	4,361,864	0

		1981-2010	
	Annual Total WY 2013 Total Discharge (ac- feet)	Median Annual Total Discharge (ac- feet)	Annual Total Discharge as Percent of 30 year Median (1981-2010)
Colorado River nr Cisco, UT	1,161,800	4,217,180	28
Green River at Green River, UT	636,530	3,340,381	19
San Juan River nr Bluff, UT	242,130	1,256,785	19
Sum of Major Inflow to Lake Powell	2,040,460	8,814,347	23

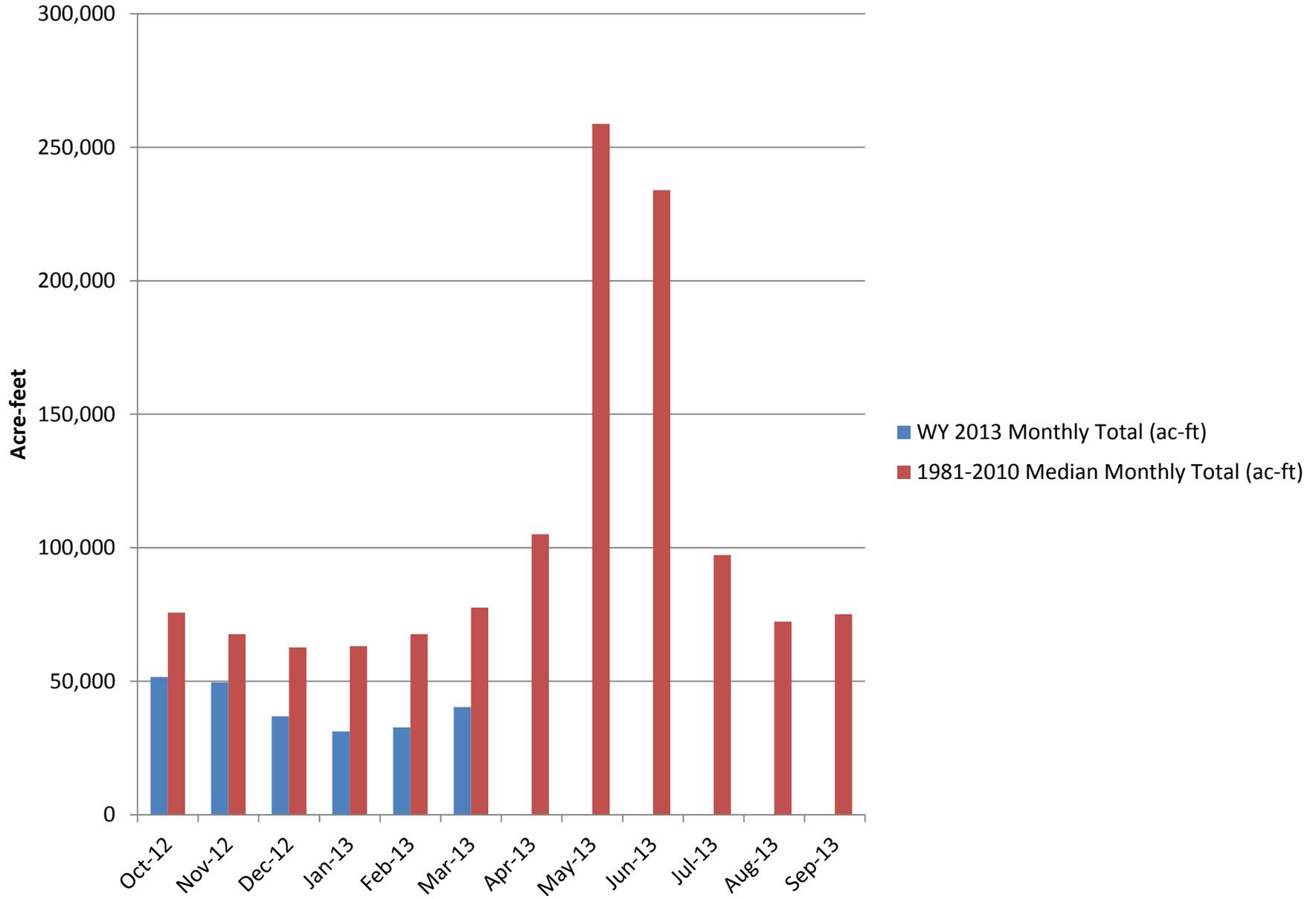
Colorado River near Cisco, Utah



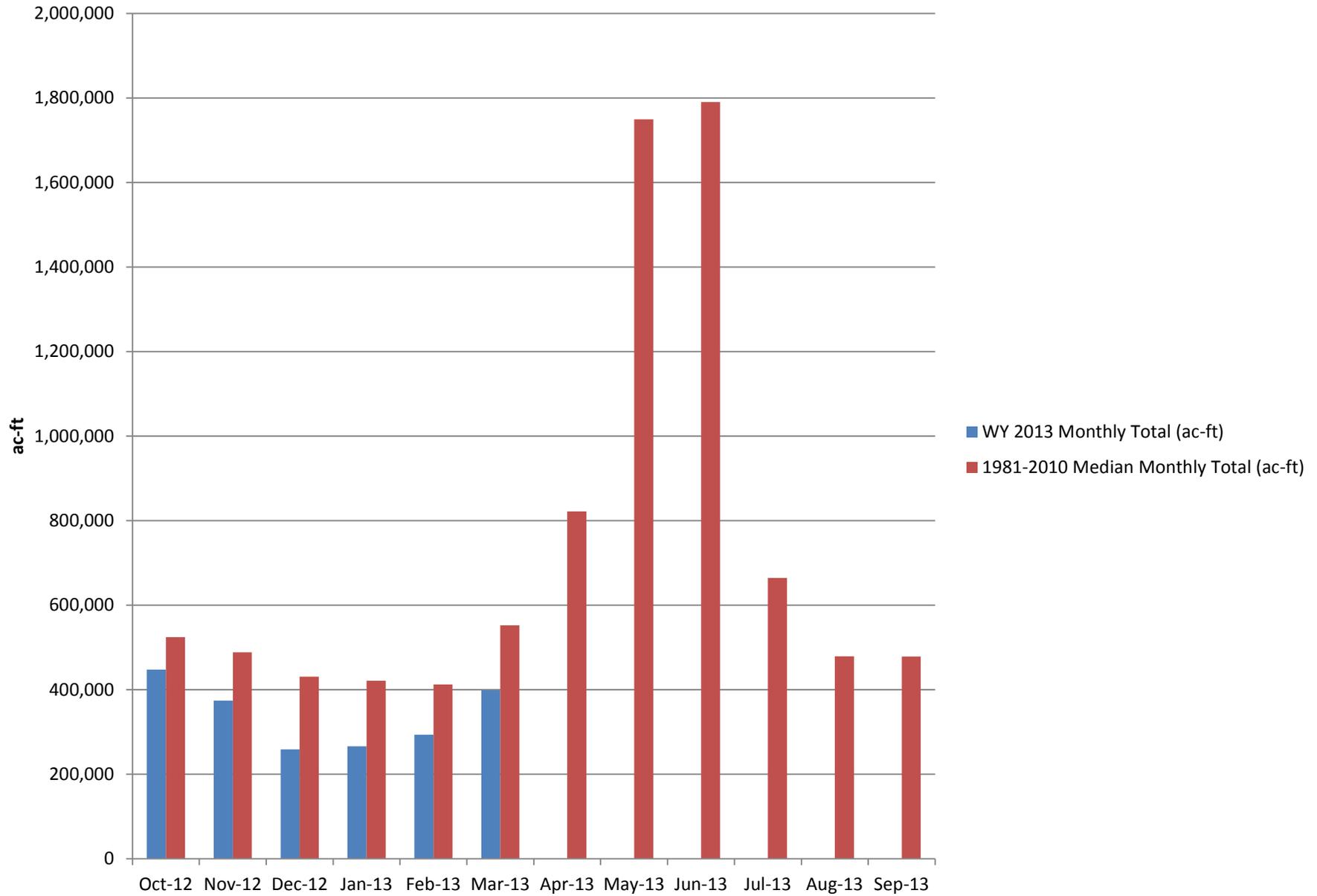
Green River at Green River, Utah



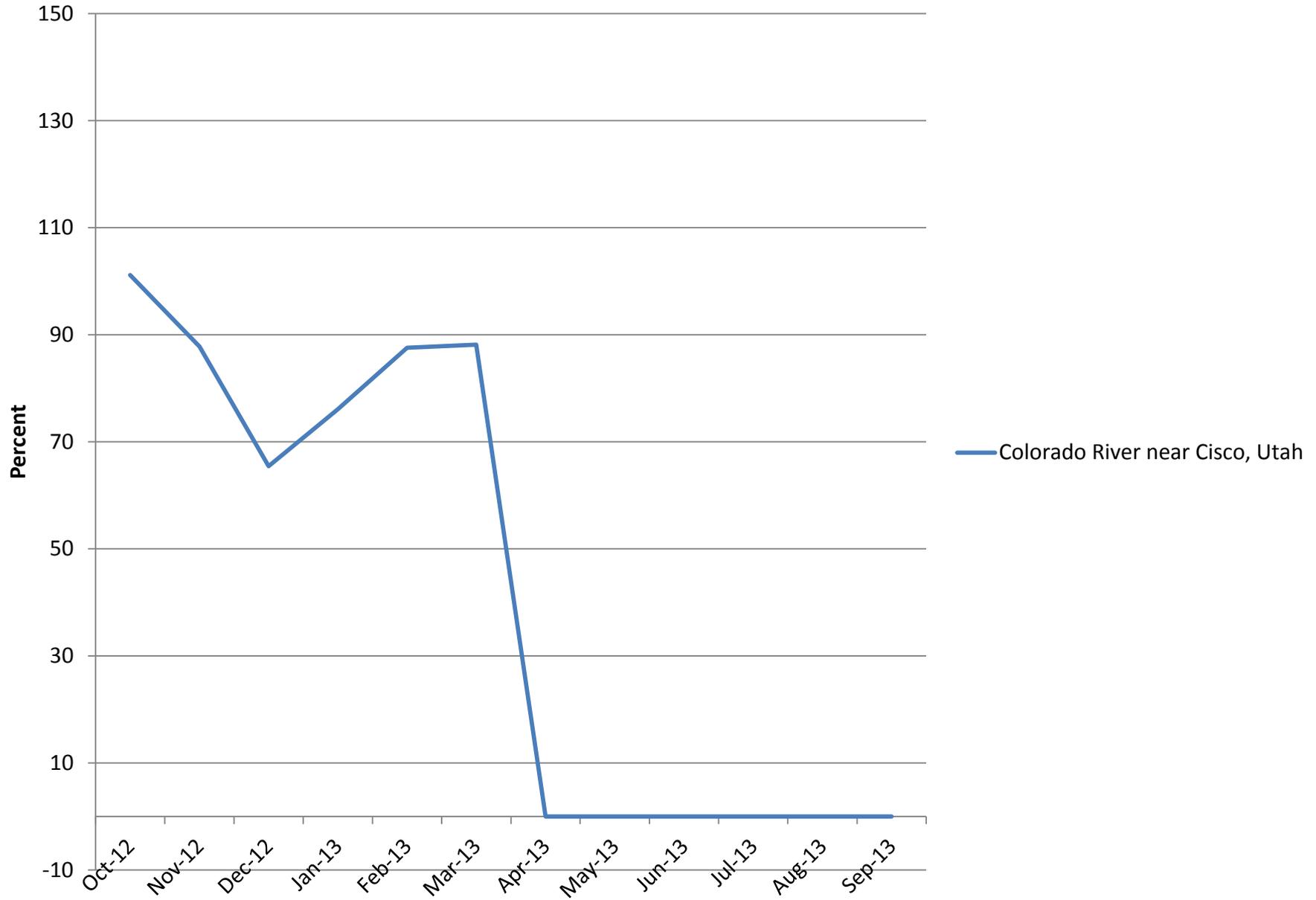
San Juan River near Bluff, Utah



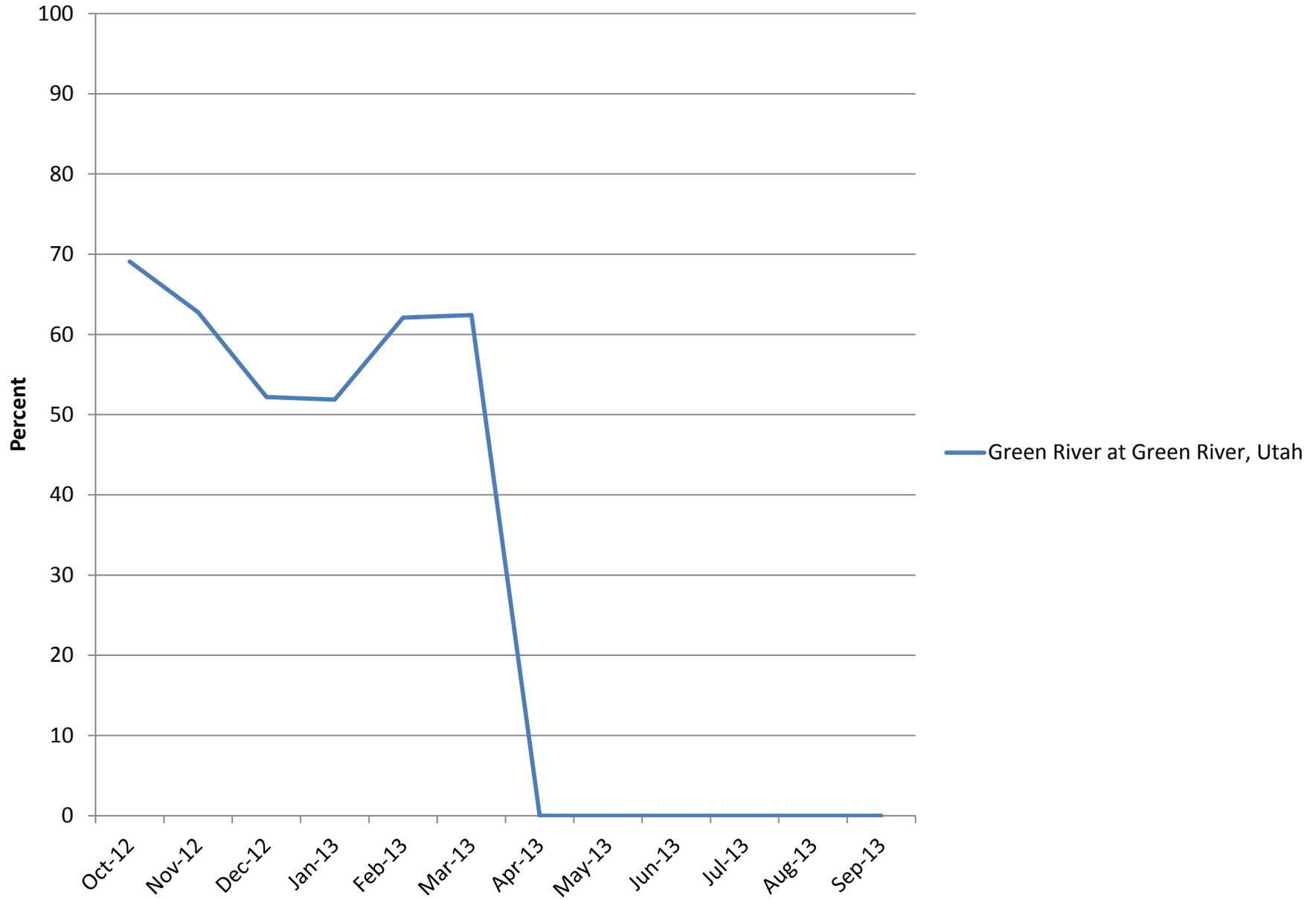
SUM OF MAJOR INFLOWS TO LAKE POWELL



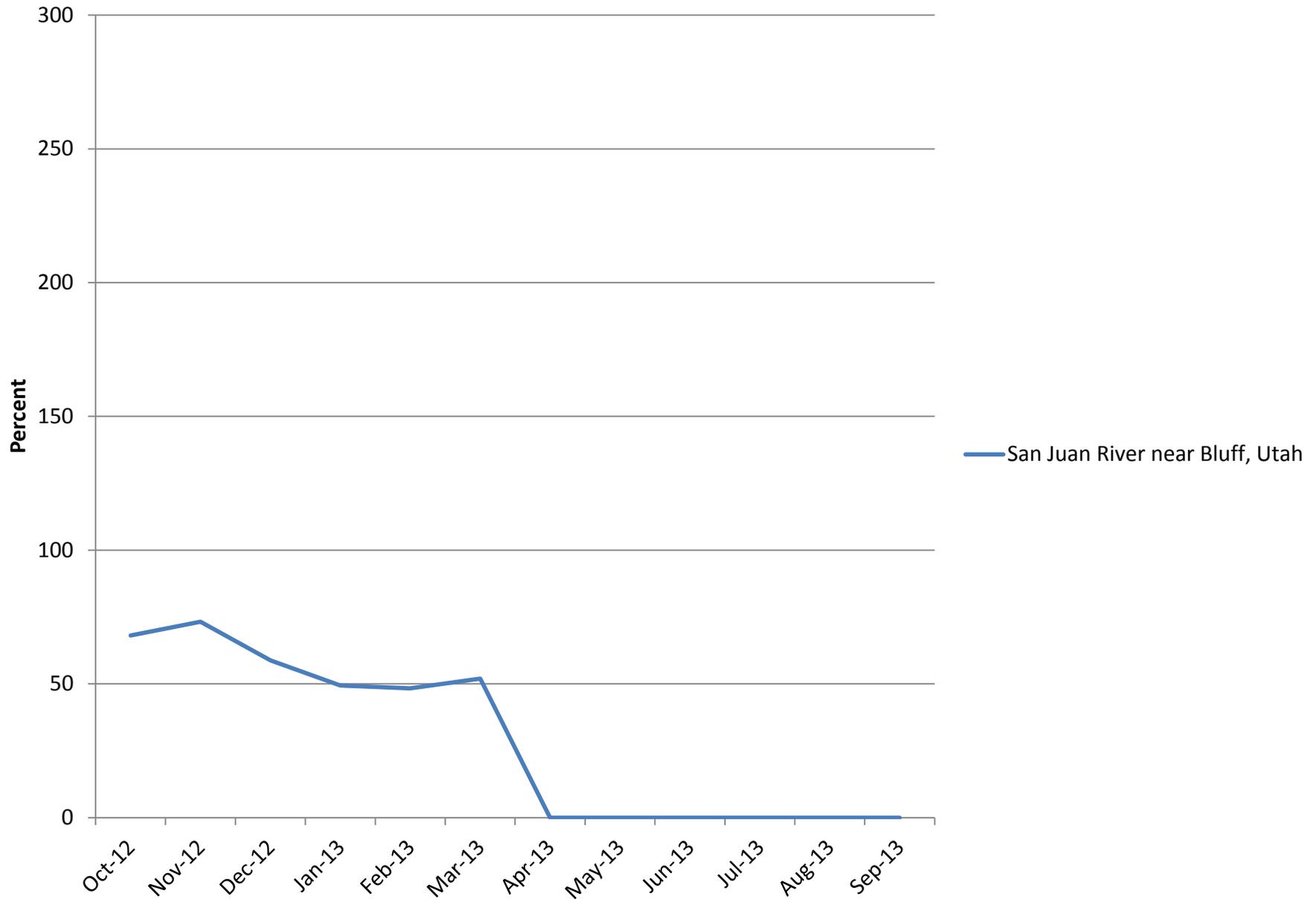
Total Monthly Discharge as Percent of 30 year (1981-2010) Median



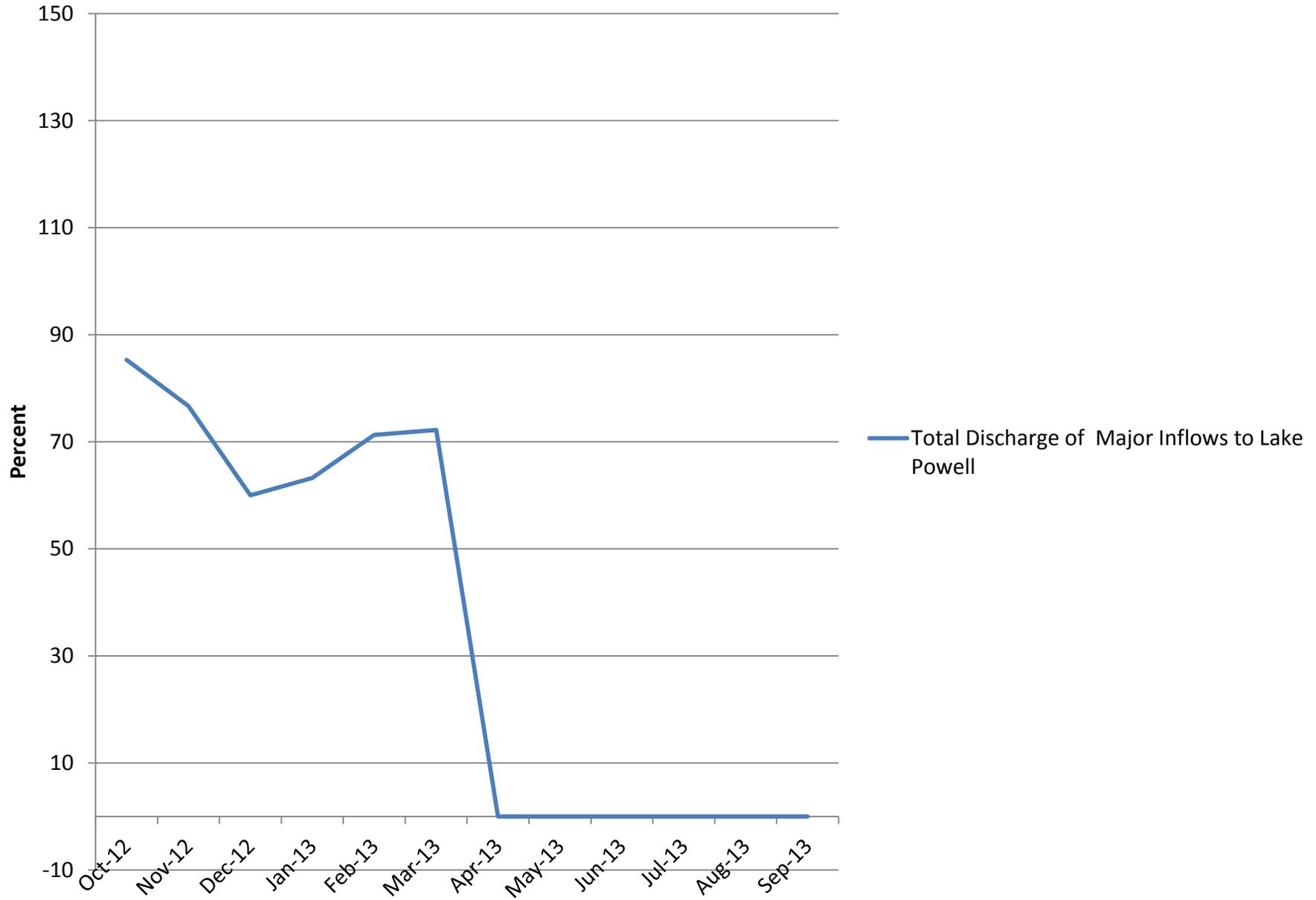
Total Monthly Discharge as Percent of 30 year (1981-2010) Median

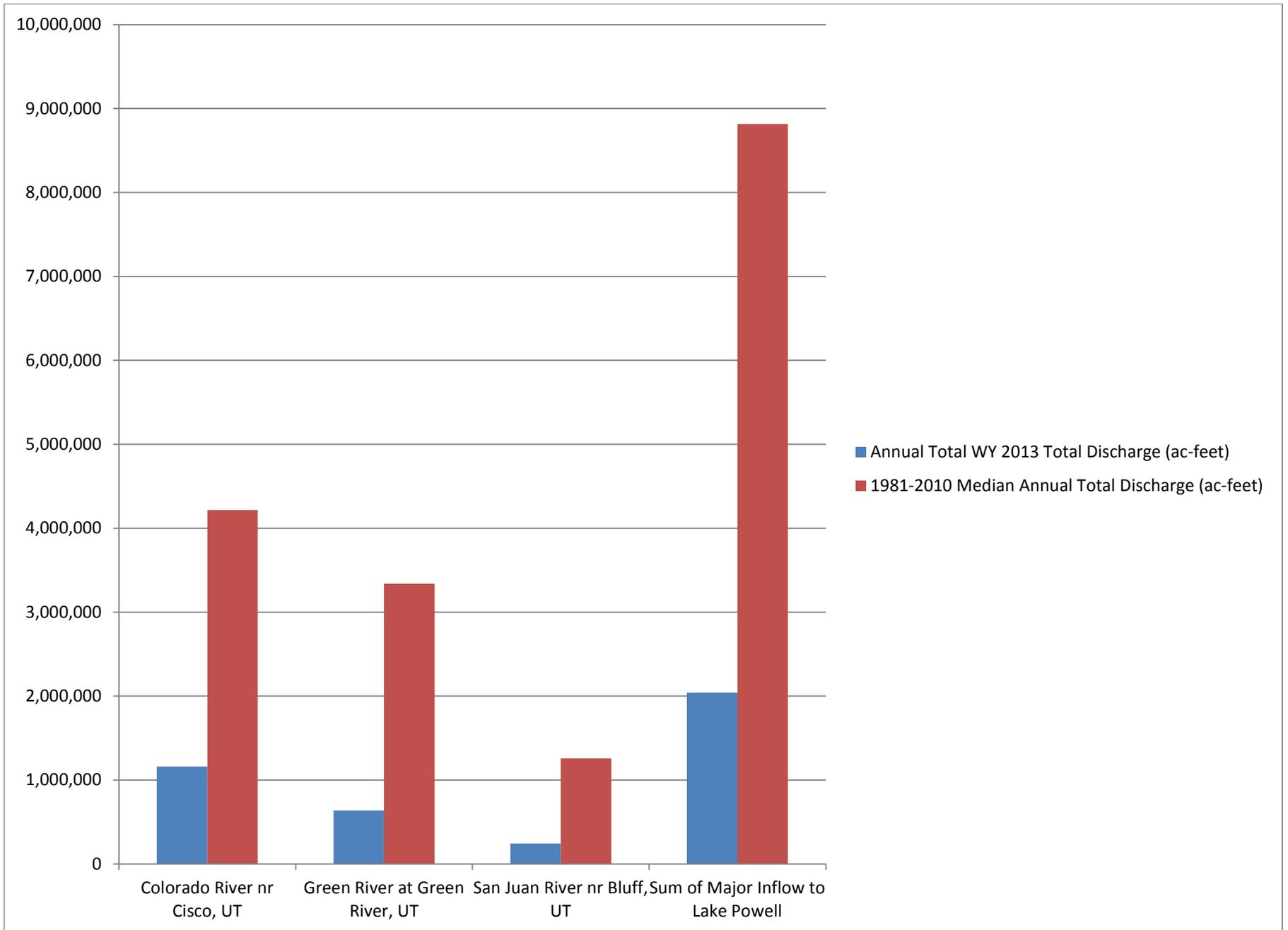


Total Monthly Discharge as Percent of 30 year (1981-2010) Median



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





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

