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

Utah Water Science Center

Upper Colorado River Streamflow and Reservoir Contents

Provisional Data for:

October 2012

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

October 2012

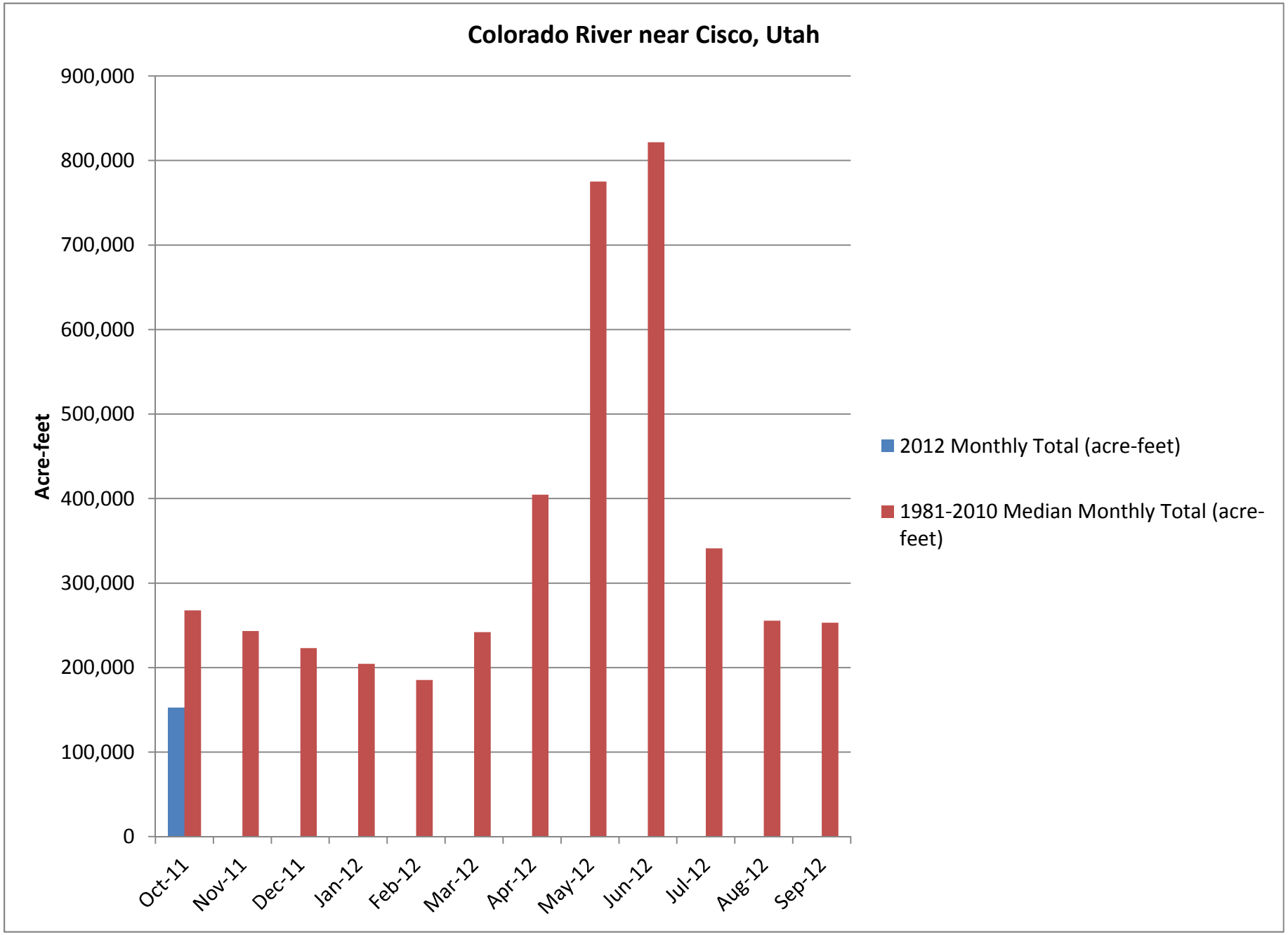
DAYS IN MONTH 31

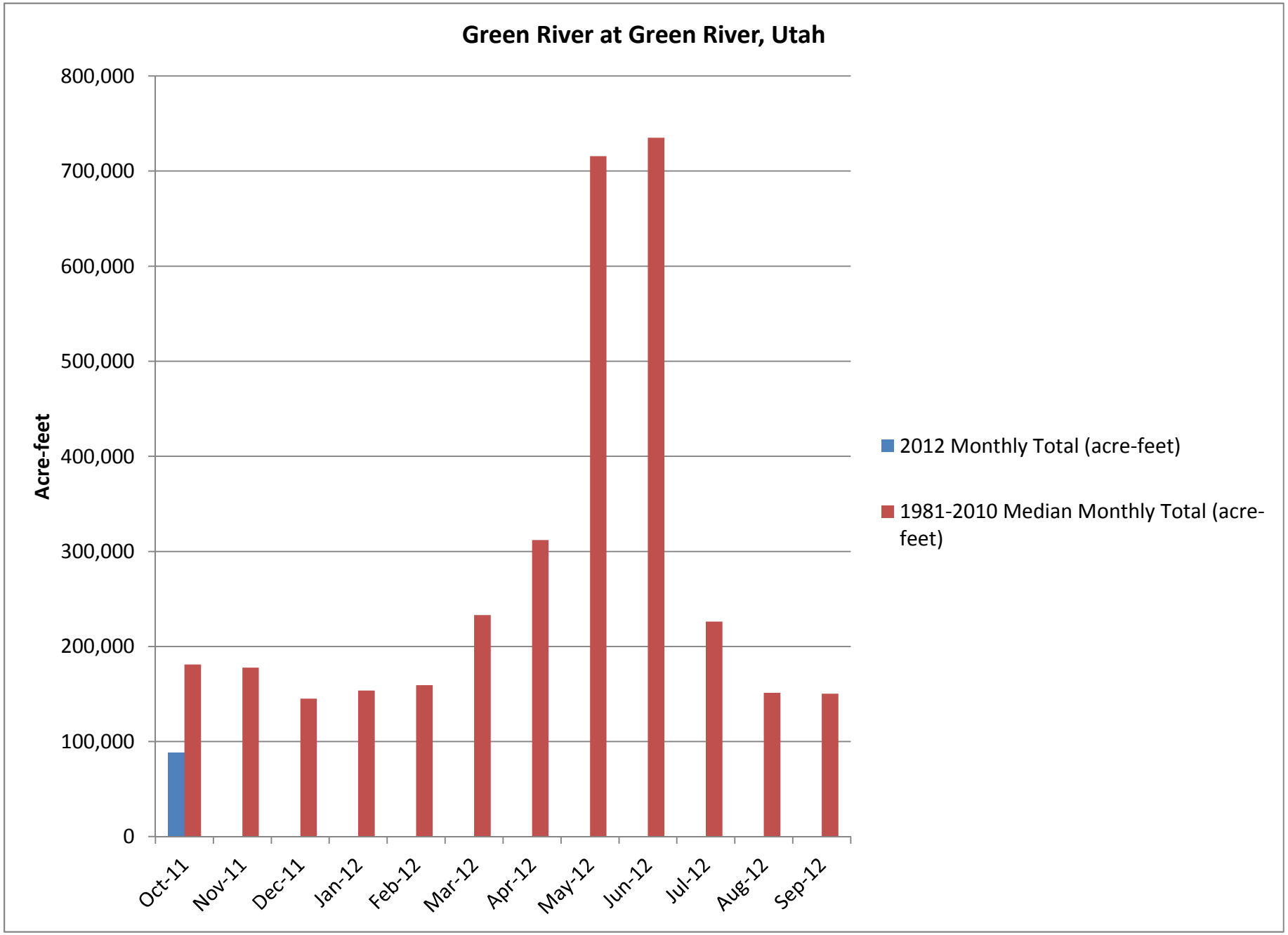
STREAM	MONTHLY DISCHARGE (a) (A)MEDIAN ft^3/s (1981-2010)	MEAN ft^3/s THIS MONTH	PERCENT 30 YEAR MEDIAN	TOTAL ft^3/s DAYS	ACRE FEET	MAXIMUM ft^3/s	DAILY DATE	MINIMUM ft^3/s	DAILY DATE
COLORADO RIVER NR									
CISCO, UTAH	4,355	2,488	57%	77,140	153,000	2,820	17	2,040	7
ADJUSTED (B)		2,275	52%	70,532	139,900				
GREEN RIVER AT									
GREEN RIVER , UT	2,945	1,436	49%	44,530	88,330	1,710	15	1,270	9
ADJUSTED (C)		858	29%	26,584	52,730				
SAN JUAN RIVER									
NEAR BLUFF, UT	1,232	637	52%	19,735	39,140	711	22	545	14
ADJUSTED (D)		19	2%	575	1,140				

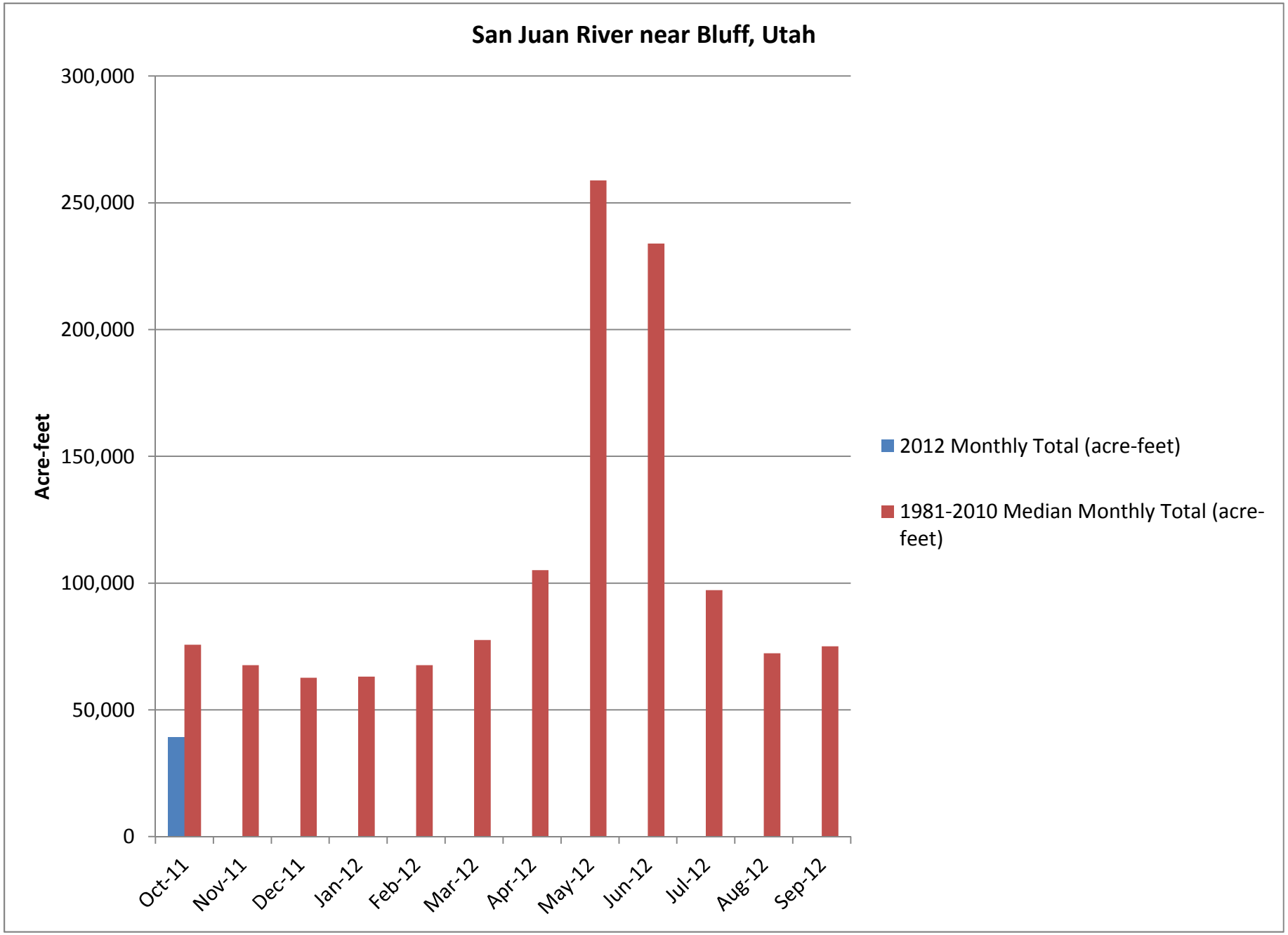
(A) MEDIAN OF MEAN DISCHARGES FOR THE MONTH FOR 30-YR PERIOD 1981-2010
(B) ADJUSTED FOR CHANGE IN STORAGE IN BLUE MESA RESERVOIR. STORAGE BEGAN OCT. 27, 1965
(C) ADJUSTED FOR CHANGE IN STORAGE IN FLAMING GORGE RESERVOIR & FONTENELLE RESERVOIR, STORAGE BEGAN NOV. 1, 1962 & OCT., 1964 RESPECTIVELY.
(D) 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.

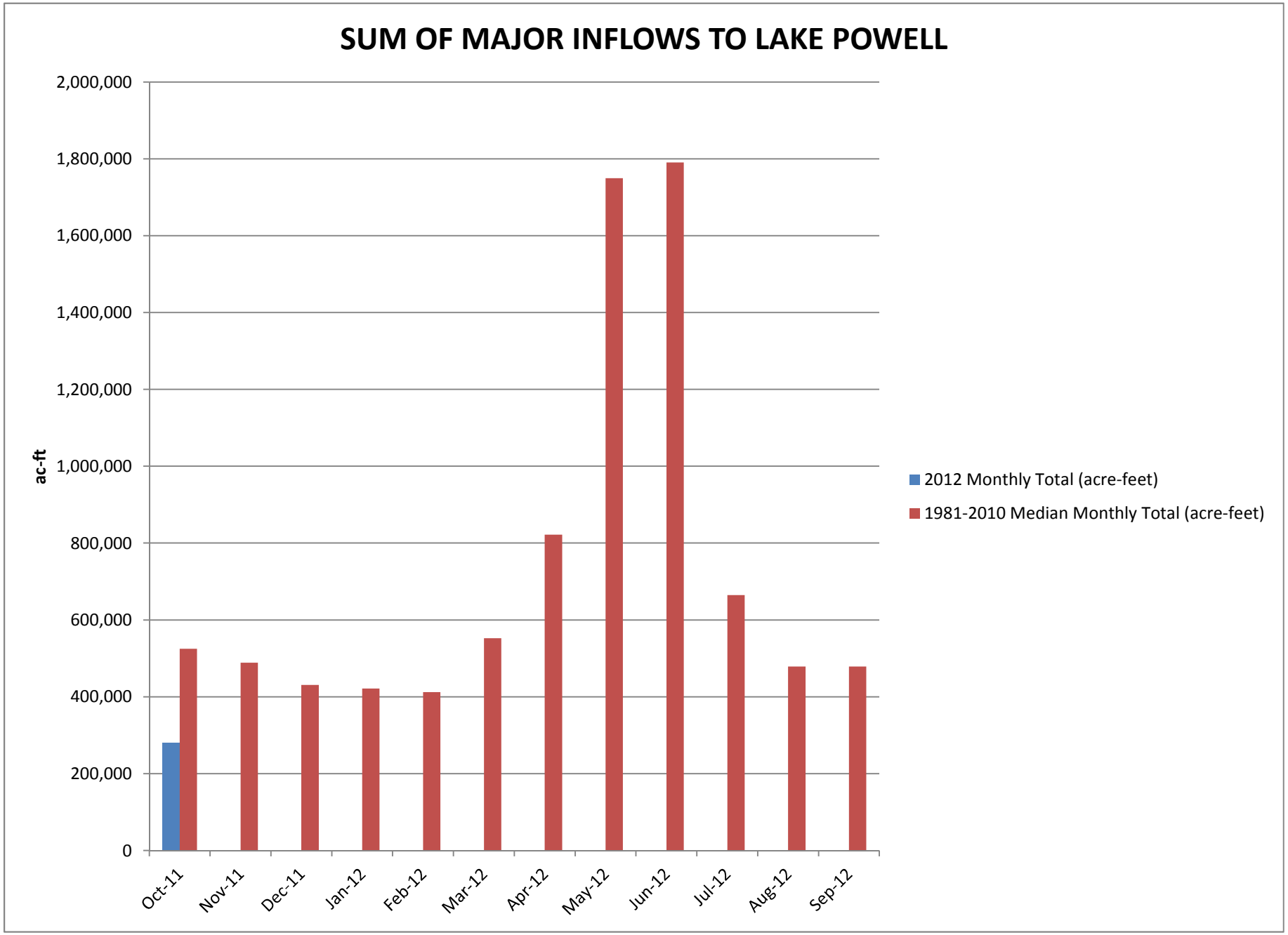
RESERVOIR		DRAINAGE ABOVE DAM (MI^2)	USABLE CAPACITY (AC-FT)	END OF MO. USABLE CONTENTS (AC-FT)	CHANGE DURING MONTH (AC-FT)	PREVIOUS MONTH
BLUE MESA RESERVOIR NEAR SAPINERO, COLORADO		3,426	829,500	327,000	-13,100	340,100
FLAMING GORGE RESERVOIR AT FLAMING GORGE DAM, UT	(b)	15,100	3,739,000	3,020,400	-10,000	3,030,400
FONTENELLE RESERVOIR AT FONTENELLE , WYOMING	(b)	4,280	344,300	237,600	-25,600	263,200
NAVAJO RESERVOIR NEAR ARCHULETA, NEW MEXICO	(b)	3,320	1,696,000	986,400	-48,700	1,035,100
					NIIP 10,700	
LAKE POWELL RESERVOIR AT GLEN CANYON DAM, ARIZONA	(b)	107,700	25,002,000	13,706,100	-223,100	13,929,200
TOTALS			31,620,800	18,277,500	-320,500	18,598,000

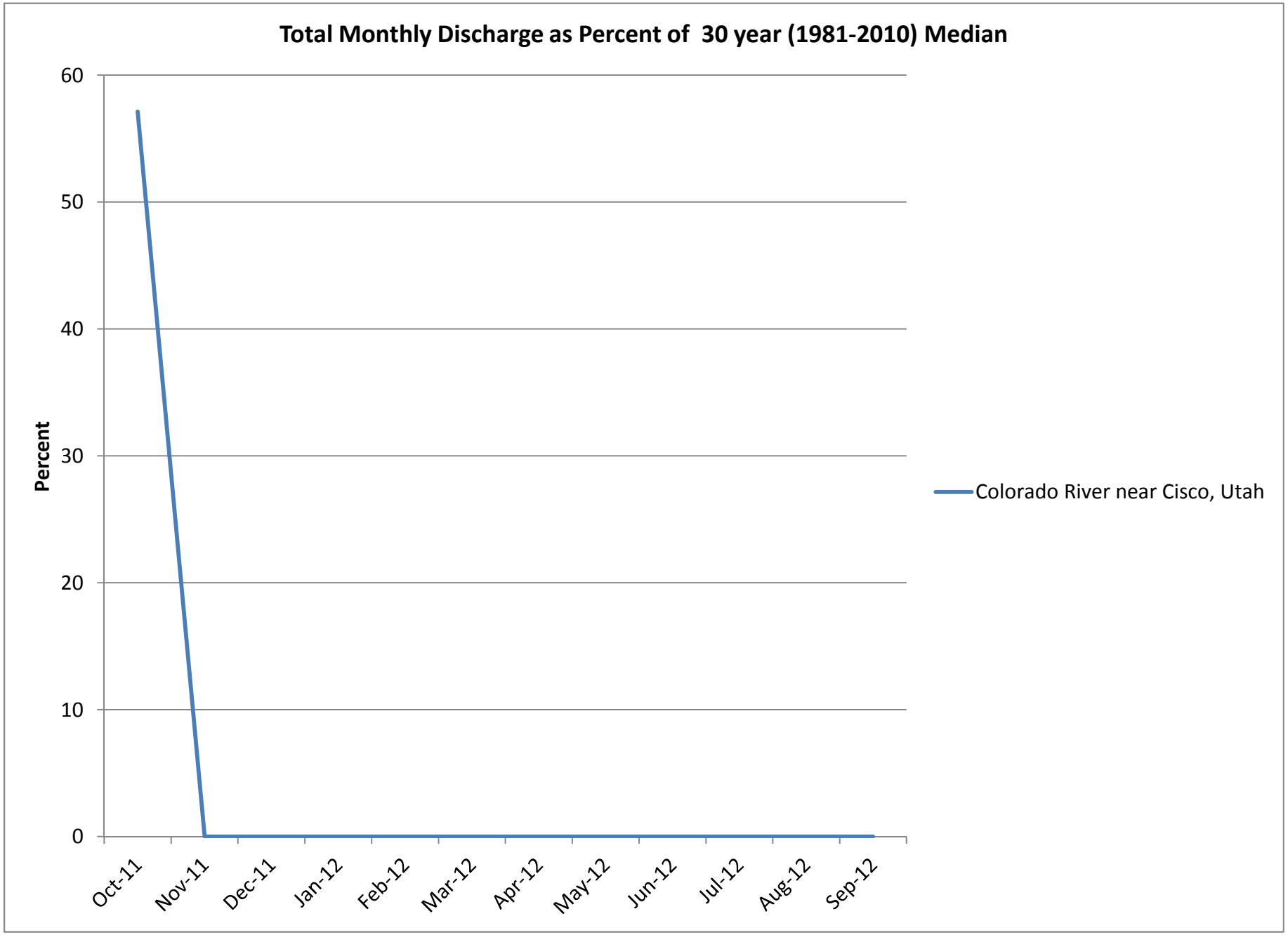
(a) Preliminary Data
(b) Approximate

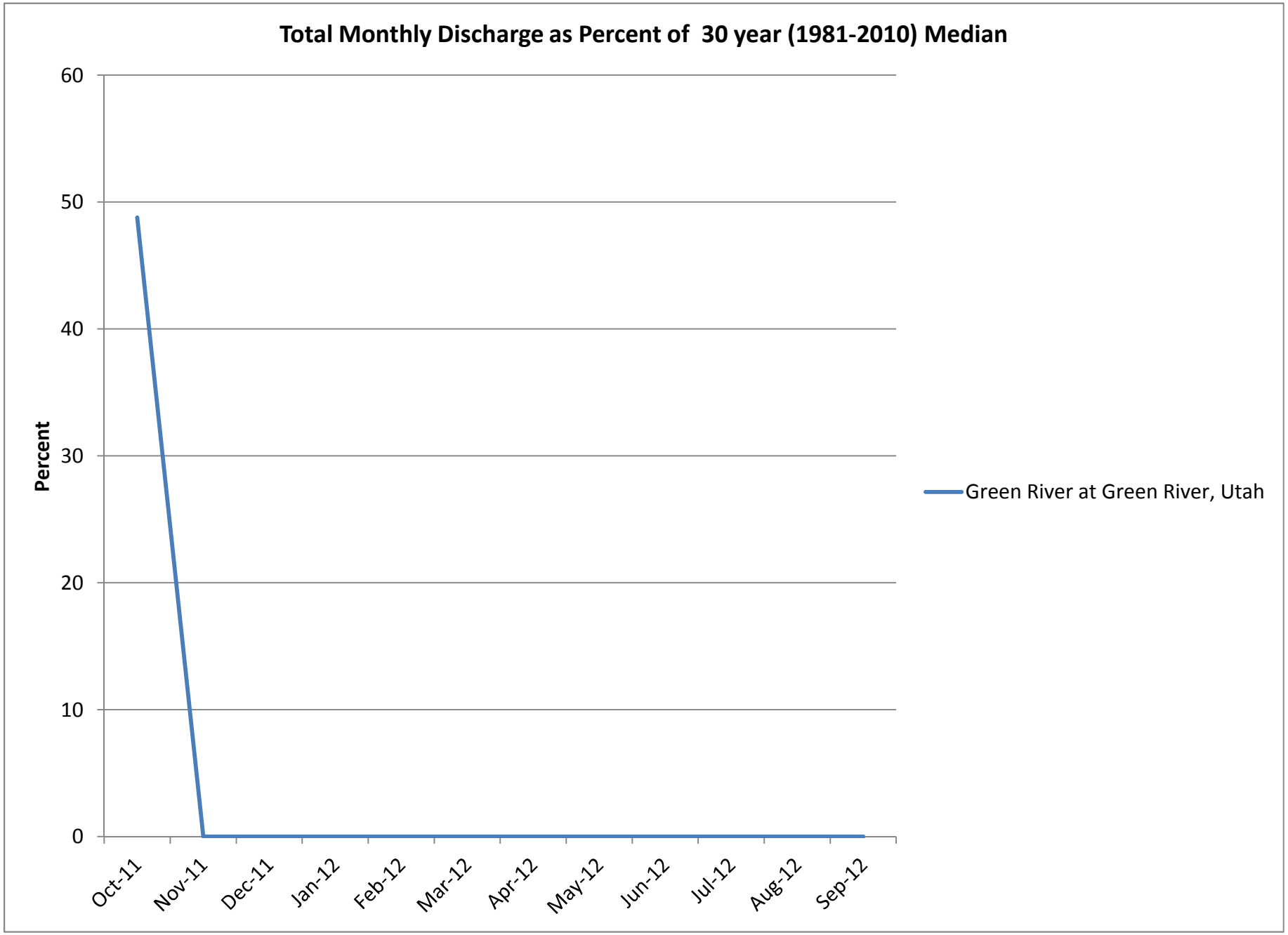

Colorado River near Cisco, Utah
Acre-feet
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
2012 Monthly Total (acre-feet)
1981-2010 Median Monthly Total (acre-feet)

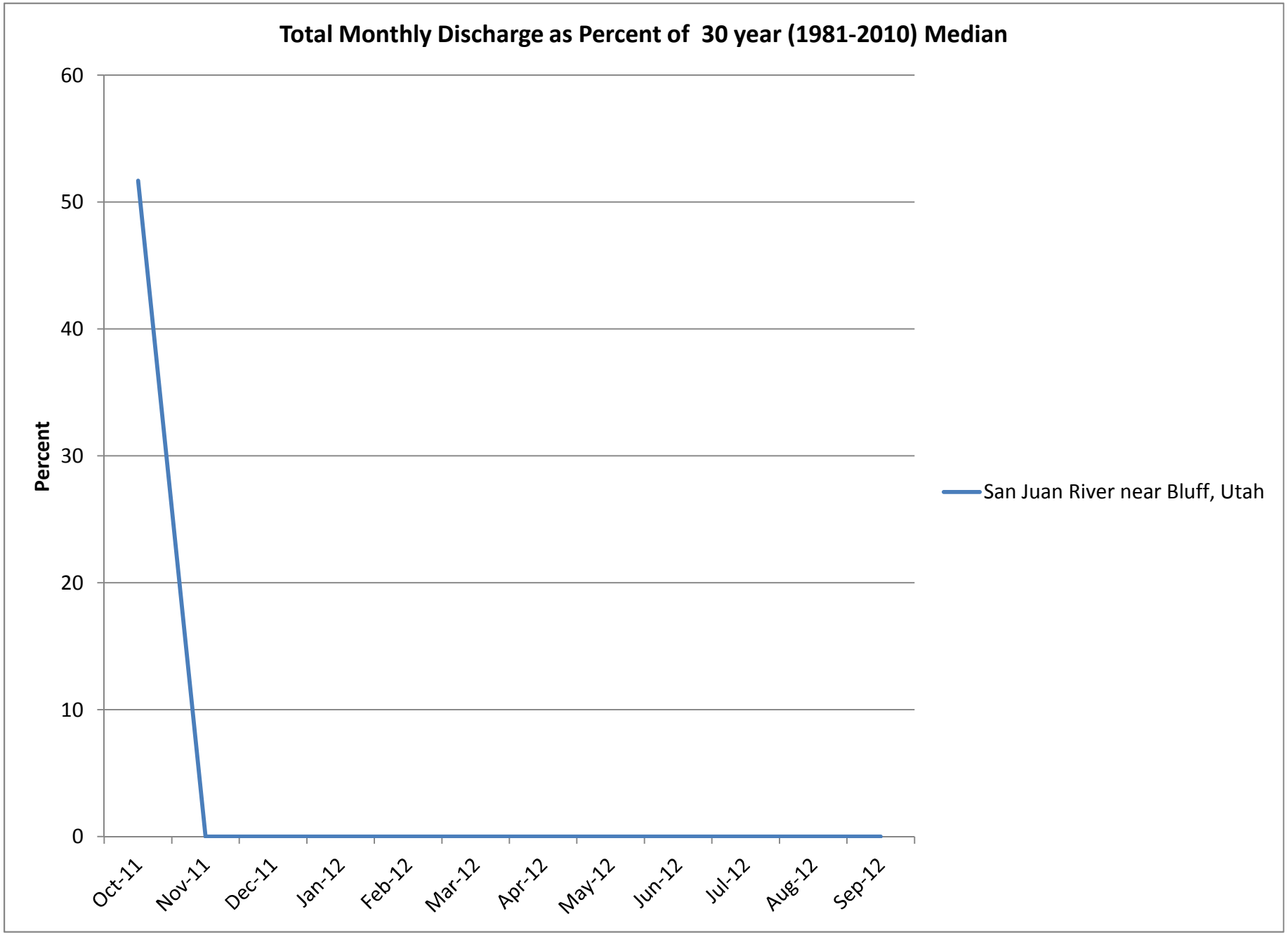

Green River at Green River, Utah
Acre-feet
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
2012 Monthly Total (acre-feet)
1981-2010 Median Monthly Total (acre-feet)

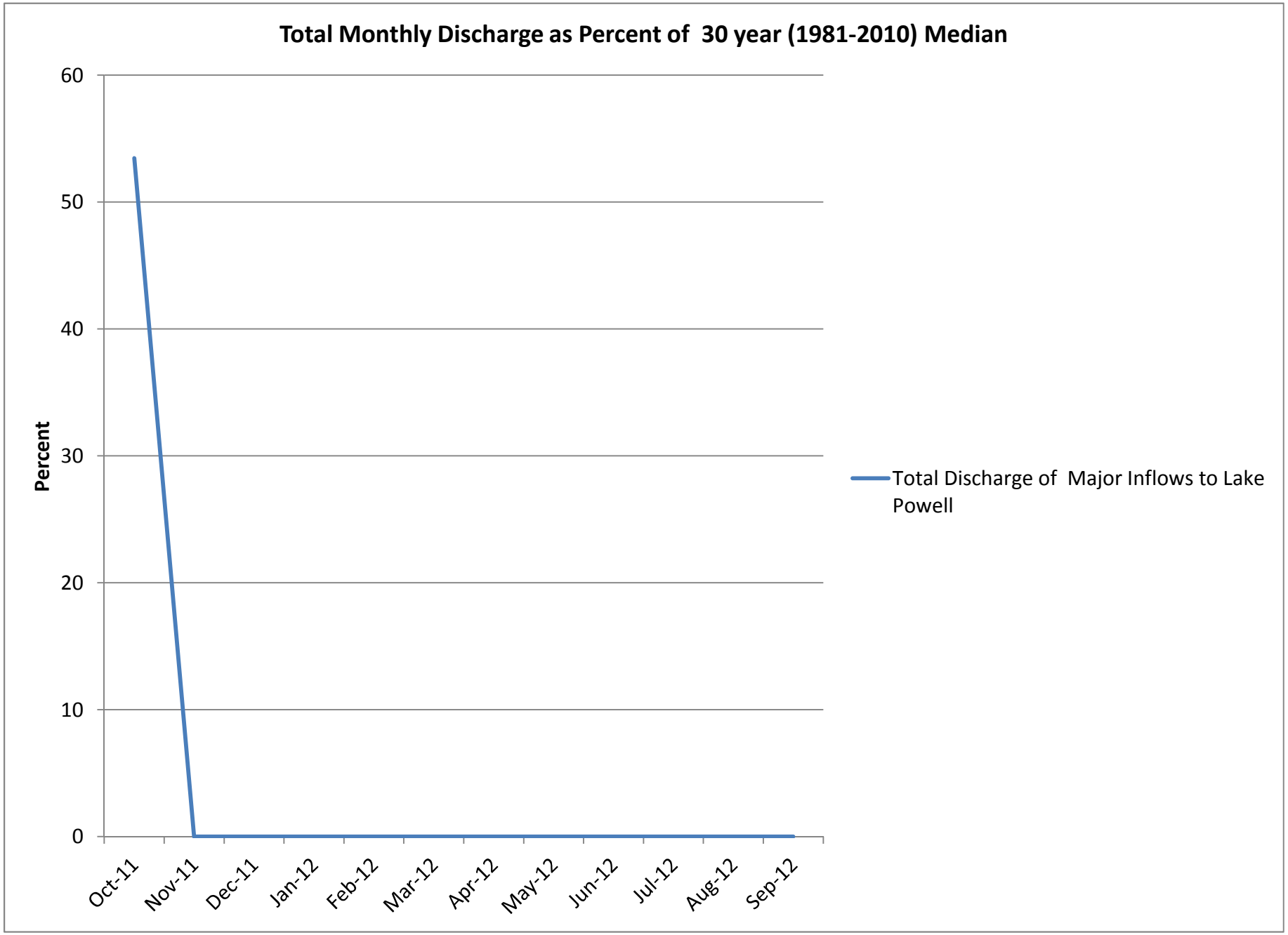

San Juan River near Bluff, Utah
Acre-feet
300,000
250,000
200,000
150,000
100,000
50,000
0
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
2012 Monthly Total (acre-feet)
1981-2010 Median Monthly Total (acre-feet)


SUM OF MAJOR INFLOWS TO LAKE POWELL
ac-ft
2,000,000
1,800,000
1,600,000
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
2012 Monthly Total (acre-feet)
1981-2010 Median Monthly Total (acre-feet)


Total Monthly Discharge as Percent of 30 year (1981-2010) Median
Percent
60
50
40
30
20
10
0
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Colorado River near Cisco, Utah


Total Monthly Discharge as Percent of 30 year (1981-2010) Median
Percent
60
50
40
30
20
10
0
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Green River at Green River, Utah


Total Monthly Discharge as Percent of 30 year (1981-2010) Median
Percent
60
50
40
30
20
10
0
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
San Juan River near Bluff, Utah


Total Monthly Discharge as Percent of 30 year (1981-2010) Median
Percent
60
50
40
30
20
10
0
Oct-11
Nov-11
Dec-11
Jan-12
Feb-12
Mar-12
Apr-12
May-12
Jun-12
Jul-12
Aug-12
Sep-12
Total Discharge of Major Inflows to Lake Powell