

RECLAMATION

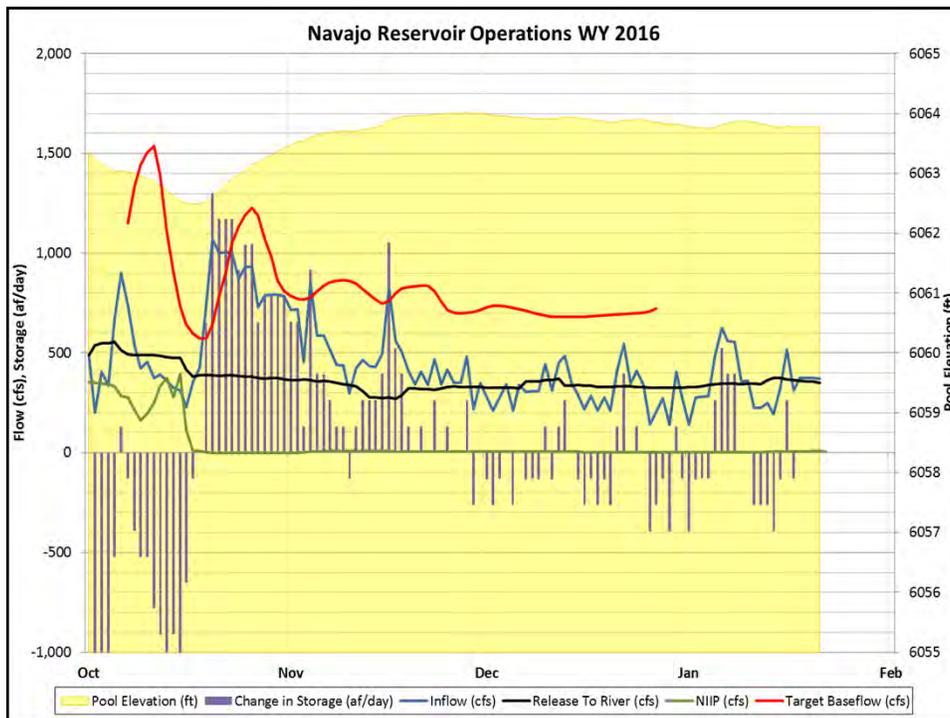
Managing Water in the West

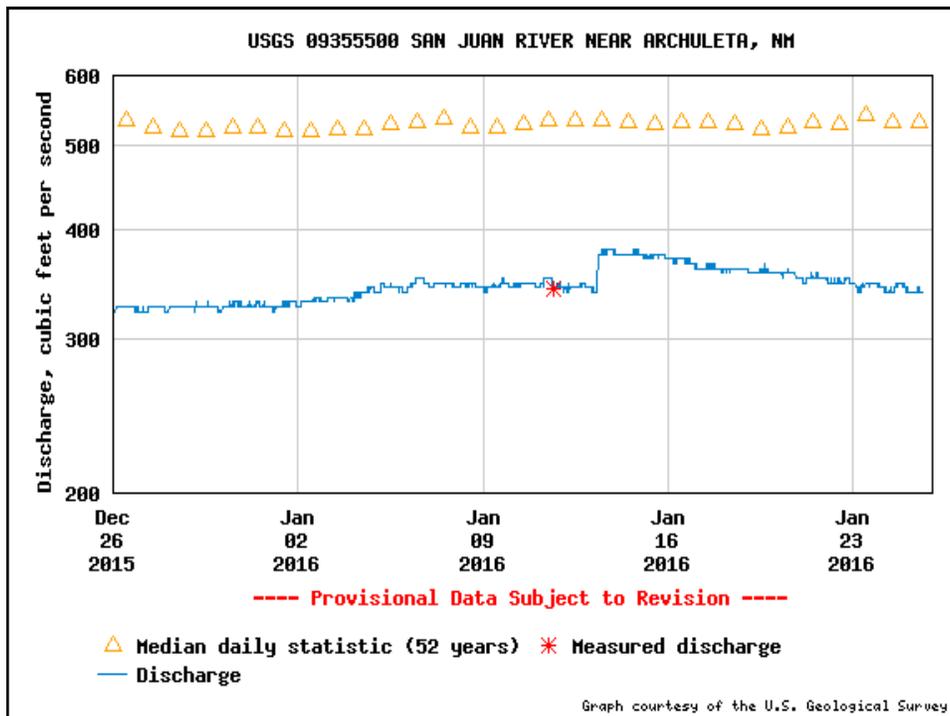
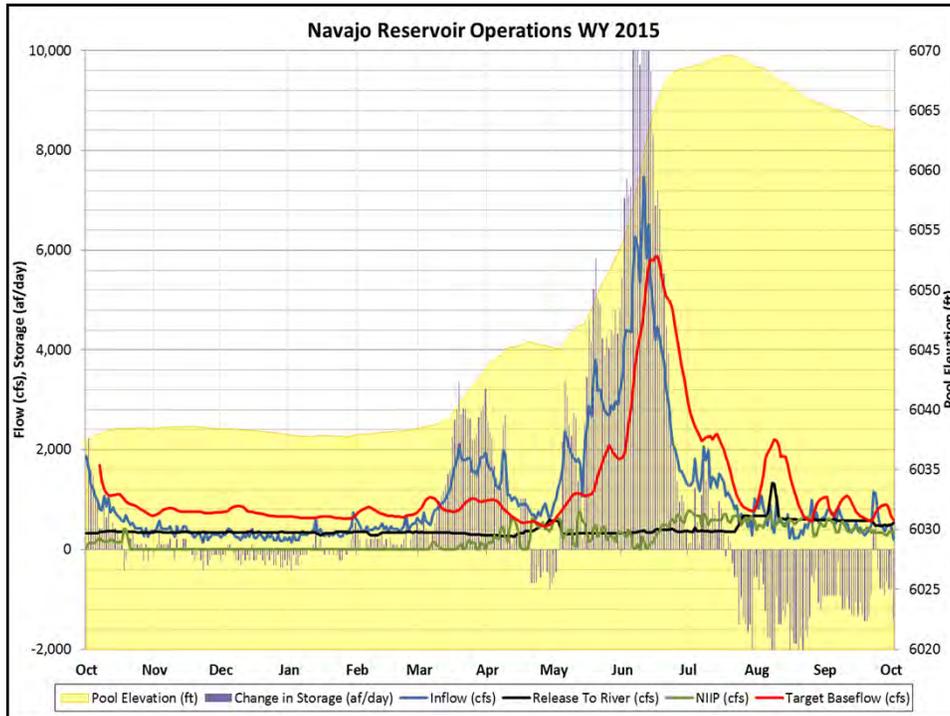


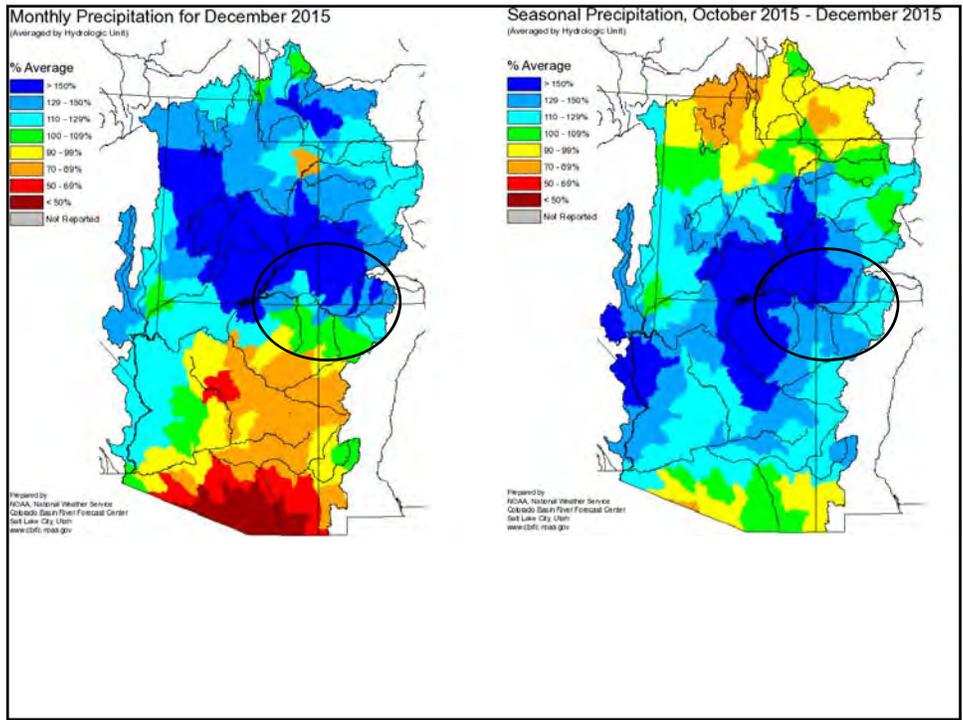
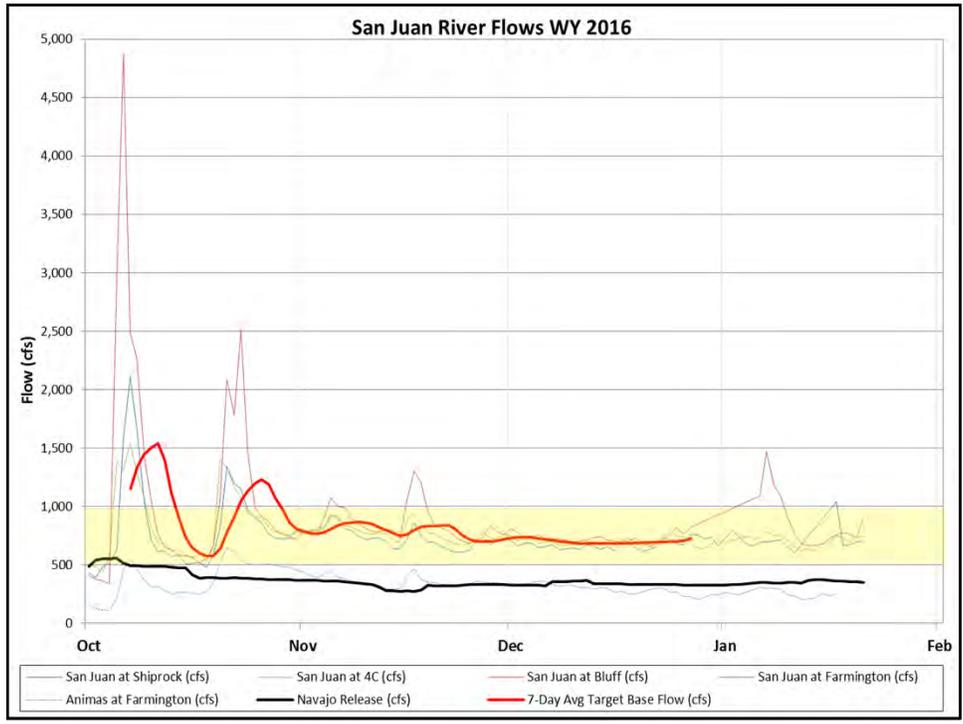
**Navajo Unit Operations
January 26, 2016
Coordination Meeting**

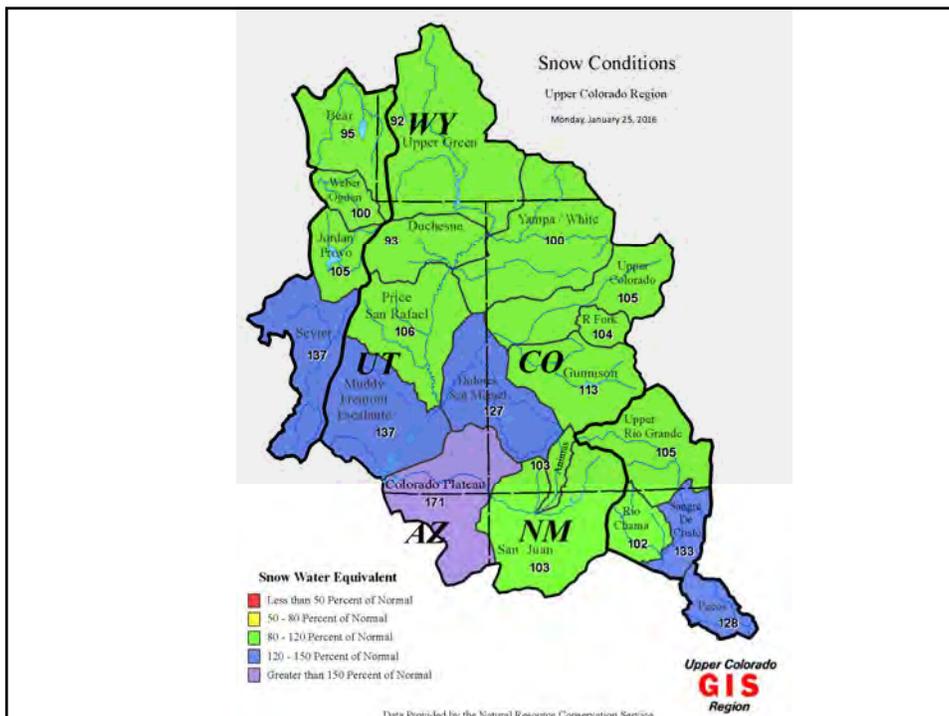
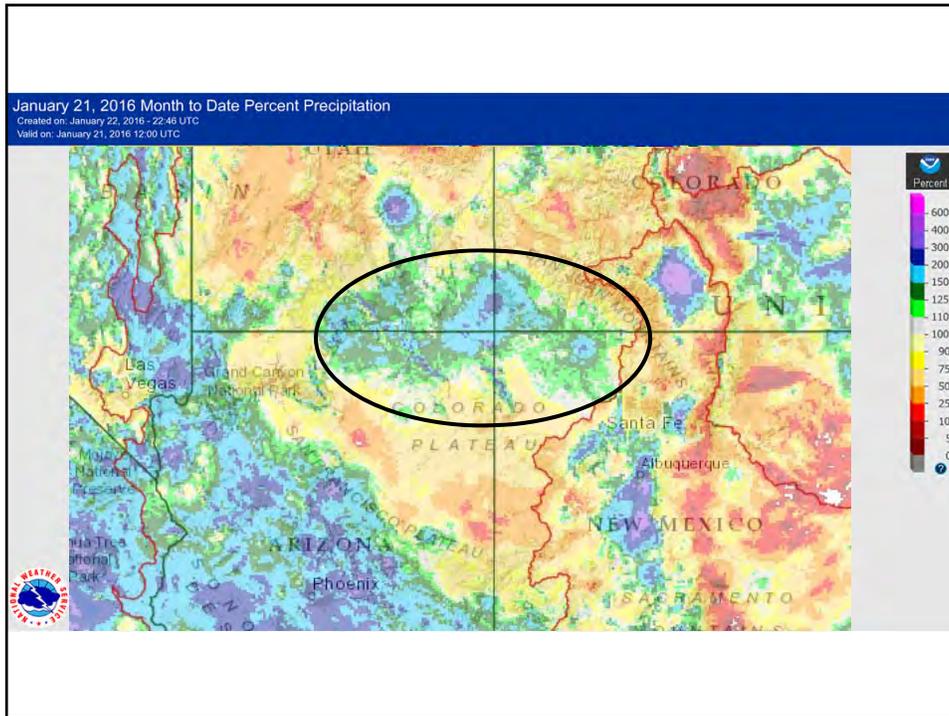


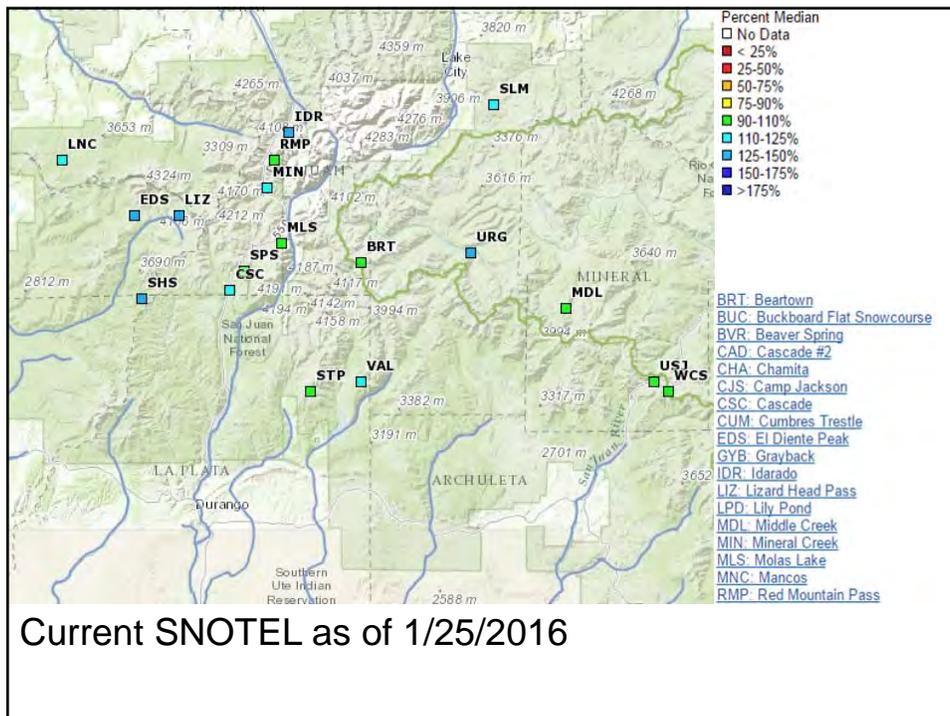
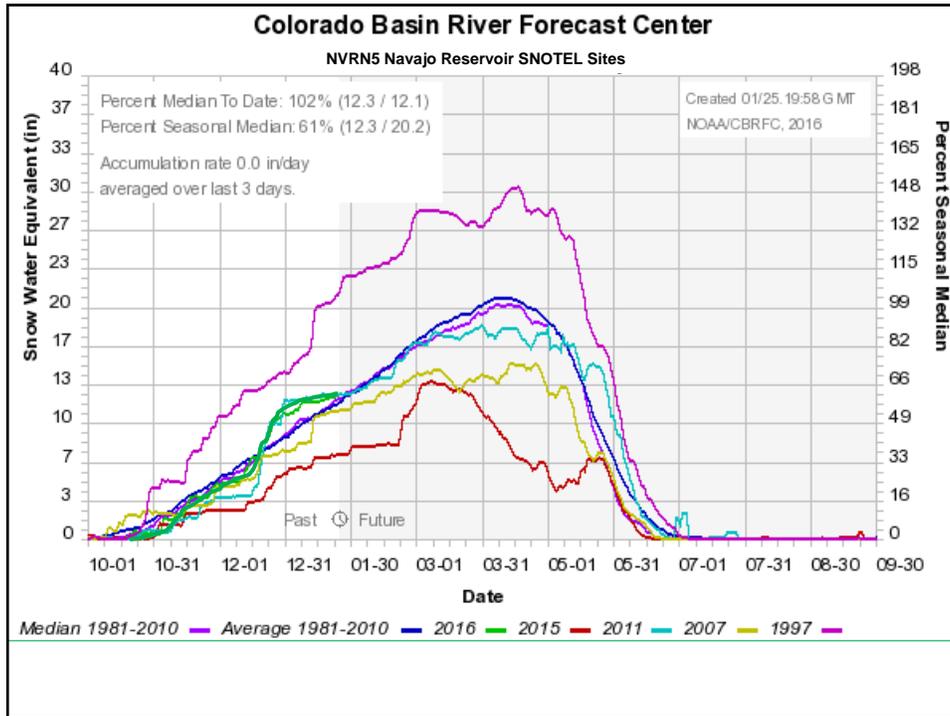
U.S. Department of the Interior
Bureau of Reclamation

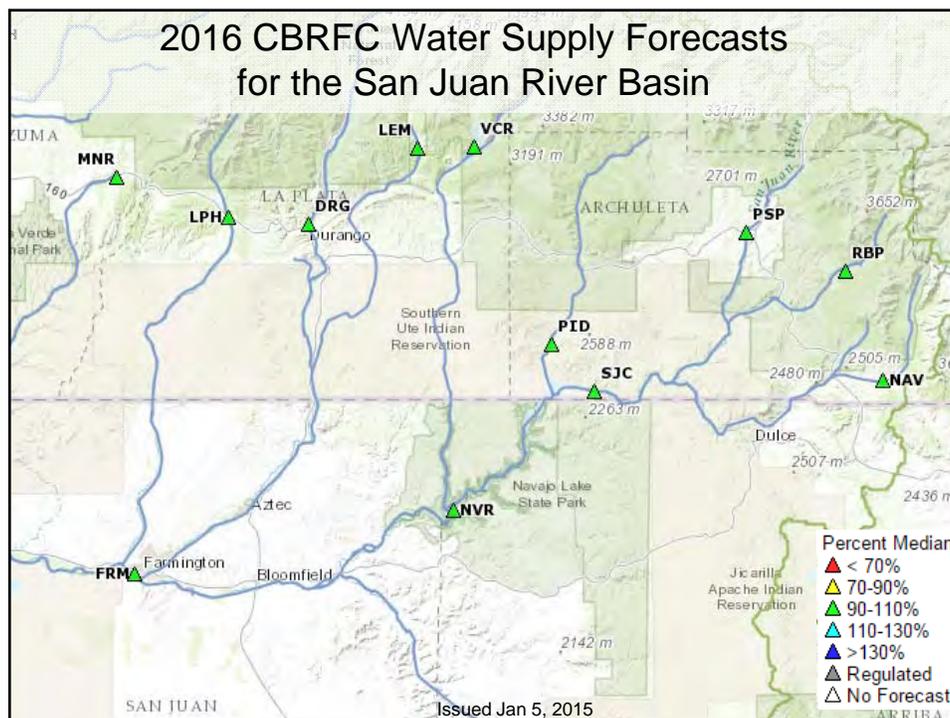
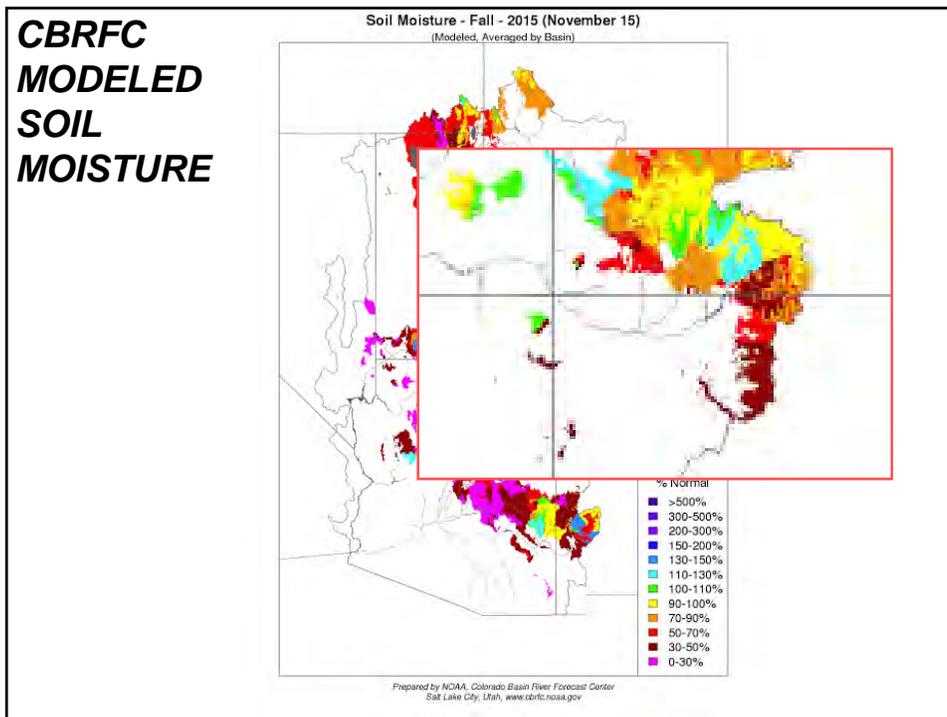










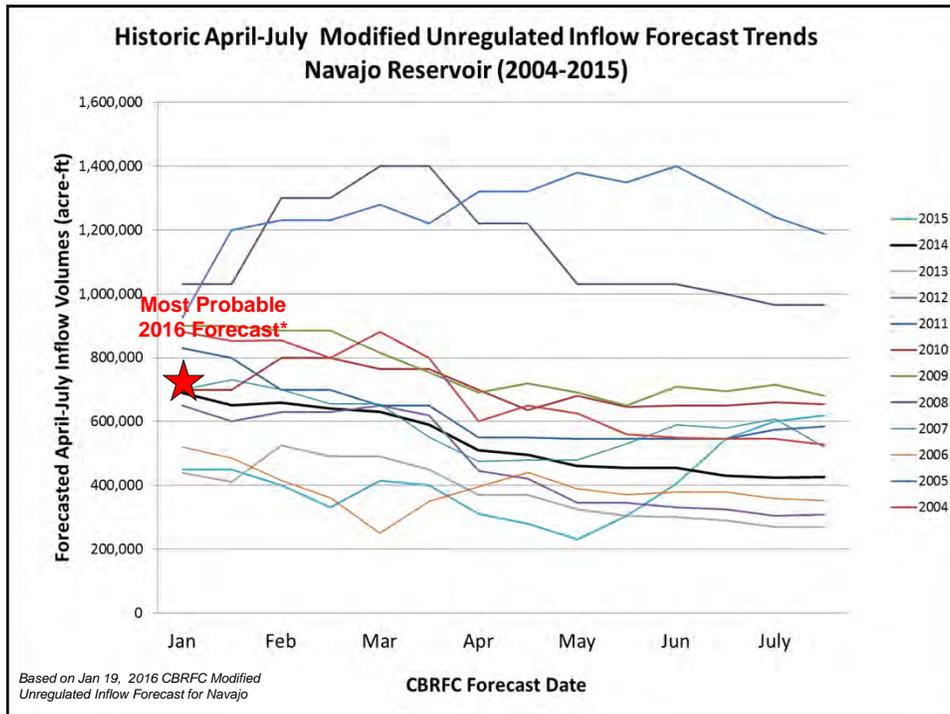


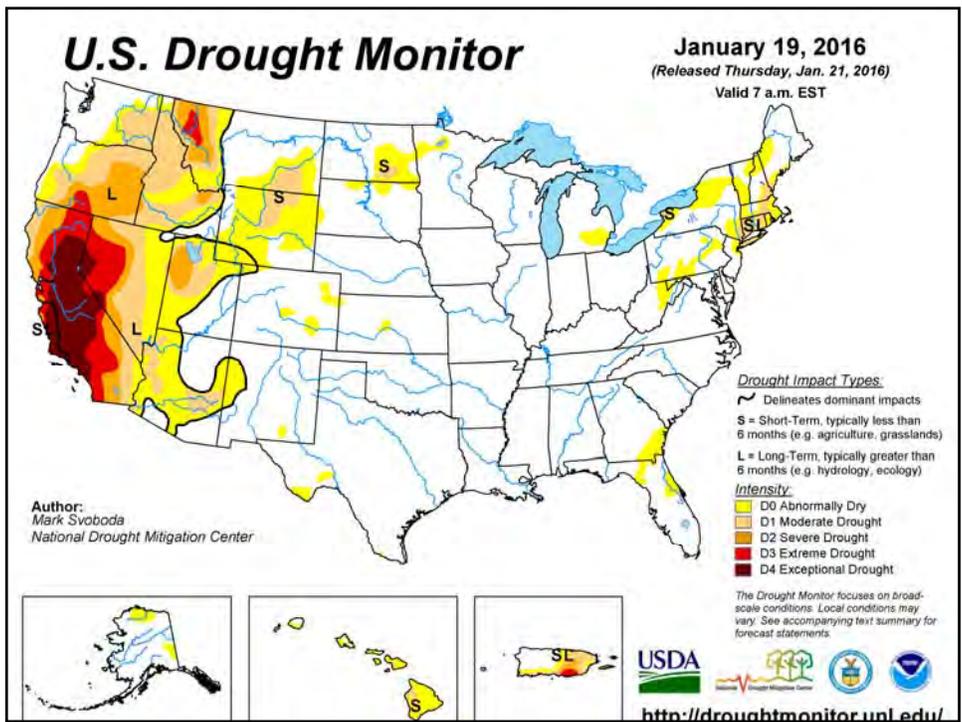
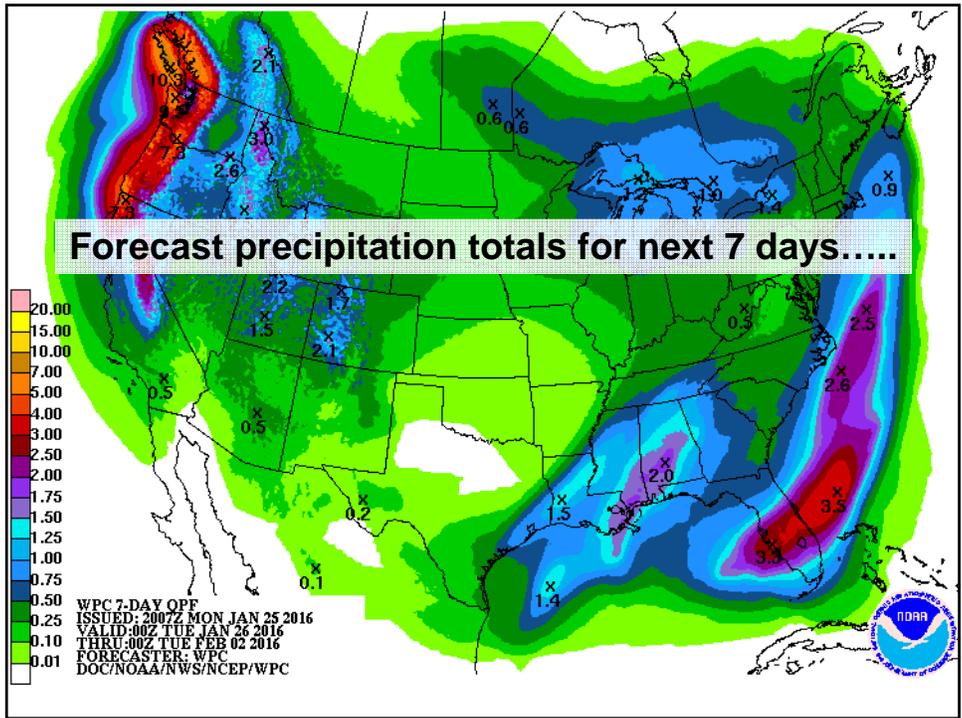
2016 CBRFC Forecasts

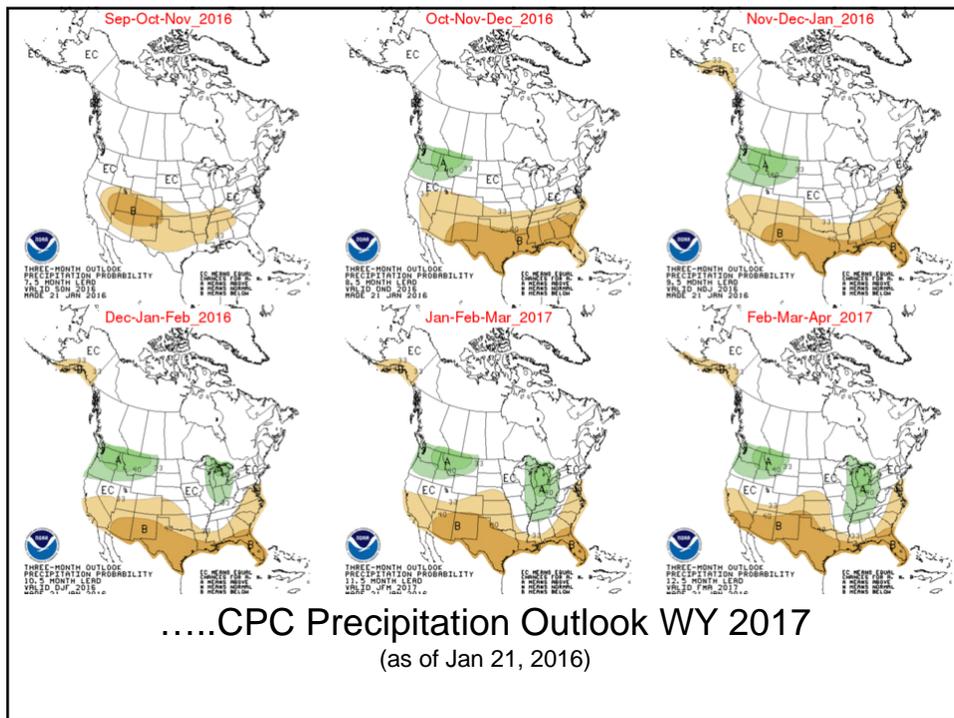
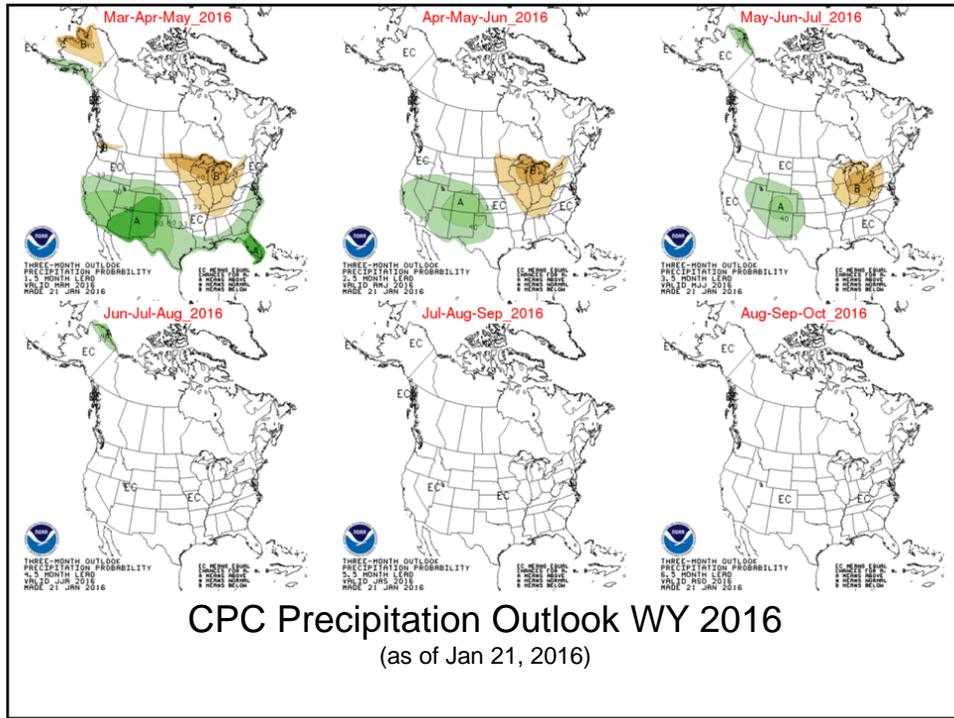
Issued Jan 19, 2015

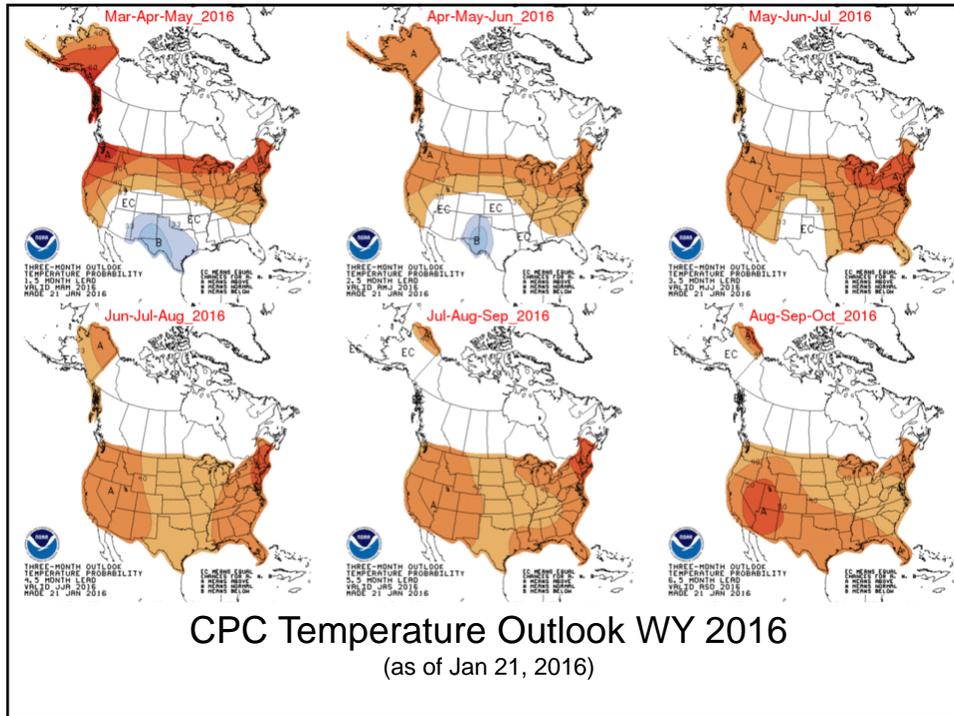
Forecast	Modified Unregulated Inflow Forecast (acre-ft) (% average)			
	January	February	March	April-July
MIN	20,000 94%	16,000 53%	50,000 54%	530,000 72%
MOST	22,000 100%	25,000 83%	85,000 92%	725,000 98%
MAX	24,000 114%	44,000 145%	130,000 141%	1,020,000 138%

2015 April-July final inflow: 621,000 af (84% avg)









Navajo Current Conditions

(as of 1/24/16)

Elevation = 6063.77 ft

Storage = 1,396,496 af (82% Full, 71% Active)

Inflow = 295 cfs

Release = 400 cfs

NIIP = 0 cfs

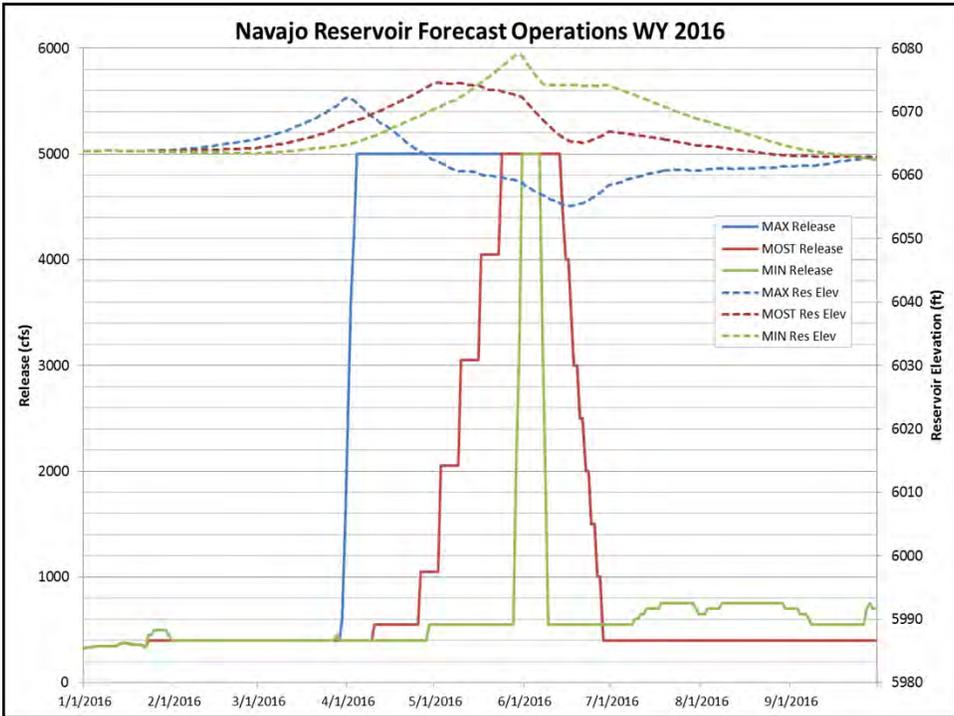
San Juan-Chama Diversion = 0 cfs

2016 Spring Peak Release

(Based on current forecast and the Interim 2016 Navajo Operations)

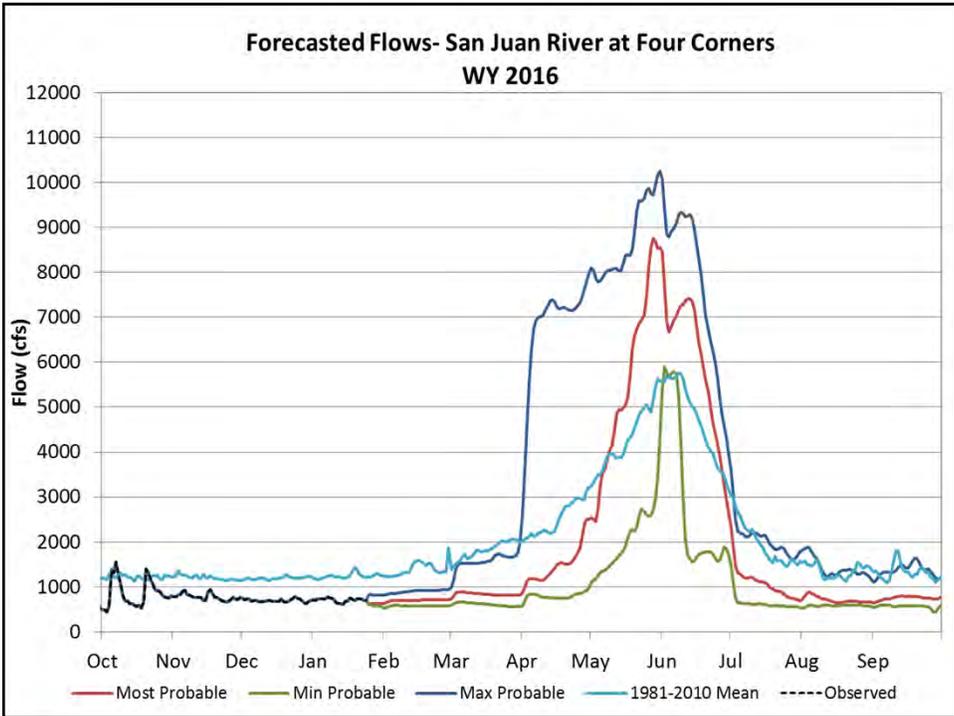
EWYST (ft)	MOST PROBABLE FORECAST		
	Available Water over 350 cfs base (af)	Matching Spring Peak Release	Max Possible Days at Peak (3-day ramps)
6063	379,027	Type 4	39
<i>6050</i>	<i>533,386</i>	<i>Type 4</i>	<i>56</i>

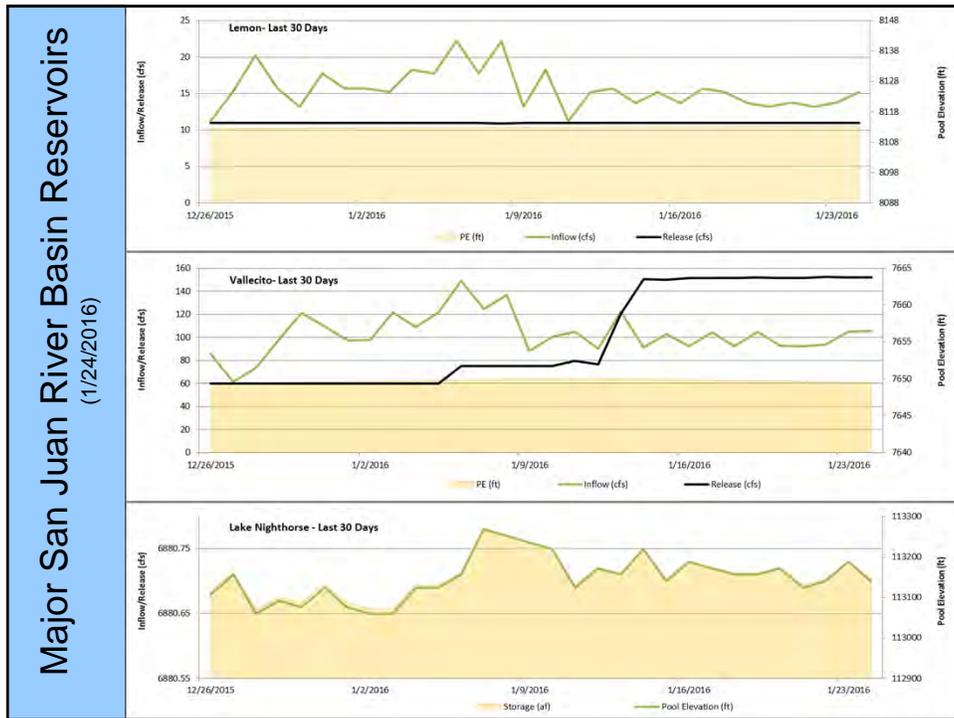
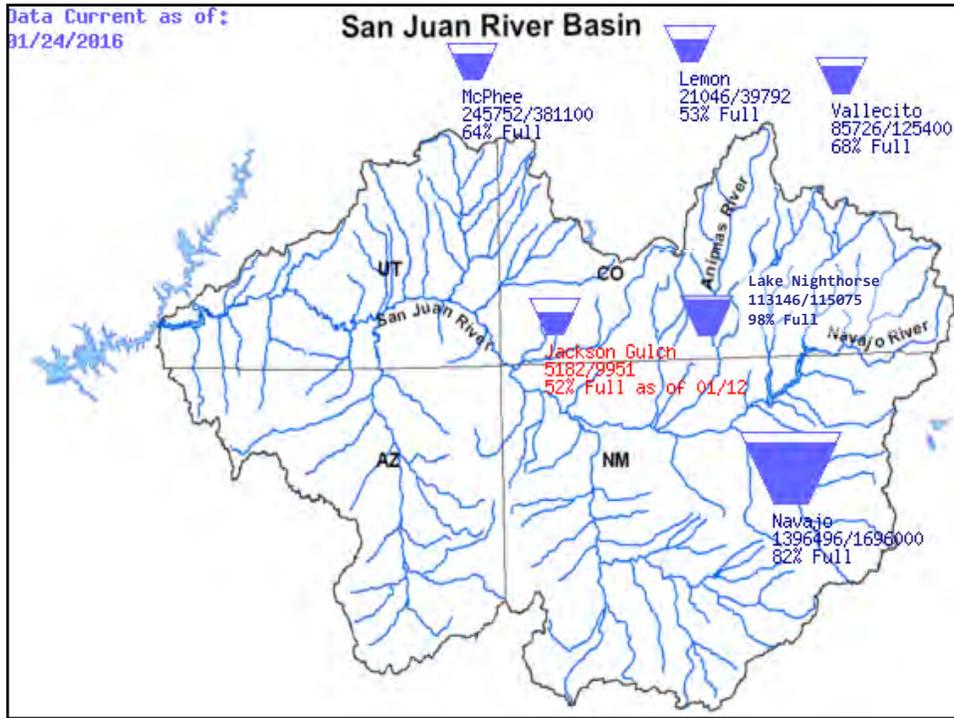
EWYST (ft)	MIN PROBABLE FORECAST			EWYST (ft)	MAX PROBABLE FORECAST		
	Available Water over 350 cfs base (af)	Matching Spring Peak Release	Max Possible Days at Peak (3-day ramps)		Available Water over 350 cfs base (af)	Matching Spring Peak Release	Max Possible Days at Peak (3-day ramps)
6063	86,644	Type 1	7	6063	749,466	Type 4	79
<i>6050</i>	<i>260,614</i>	<i>Type 3</i>	<i>26</i>	<i>6050</i>	<i>903,825</i>	<i>Type 4</i>	<i>96</i>



WATER YEAR 2016 PROPOSED OPERATIONS SUMMARY

- Likely a 400-500 cfs release throughout winter (depending on accumulation of snowpack)
- Spring peak release likely.
- Max probable forecast shows 5,000 cfs as early as April 1.





Navajo Maintenance Activities

Drilling at the downstream dam face and up to 500 yards downstream will be occurring May through August.

This operation may be audible and visible from the road and along the river immediately downstream of Navajo.

Other Maintenance Activities

City of Farmington Power Plant
Unit #1 Commissioning

February 1 through February 4:

Expect flow variations down as low as 250 cfs during the day on Feb 2nd, and up to 600 cfs on the evening of Feb 3rd, and up to 500 cfs during the day on Feb 4th. Flow variations should last no more than 1 hour. Target baseflows will be maintained.

How You Can Access Information

Bureau of Reclamation
www.usbr.gov/uc

USGS
<http://water.usgs.gov/nwis>

Colorado Basin River Forecast Center
www.cbrfc.noaa.gov



Reclamation Contacts:

Ryan Christianson
970-248-0652 rchristianson@usbr.gov

Marc Miller
970-385-6541 rchristianson@usbr.gov

Susan Novak Behery
970-385-6560 sbehery@usbr.gov

Ruth Swickard
970-385-6523 rswickard@usbr.gov

Summary

- The current snowpack above Navajo is 102% of average.
- Modeled soil moisture is near average for most of the snow-producing part of the basin, except for the eastern mountains, which are slightly below average.
- CPC is forecasting above-average precipitation through the summer.
- Current Most Probable April – July Inflow Forecast is 98% of average.
- Based on the most probable forecast, a Type 4 Full spring peak release is possible.
- Under the Max Probable forecast, a Type 4 Full spring peak release plus a long 5,000 cfs nose, reaching back as early as April 1 is possible. (if snow keeps falling, be prepared for the possibility of high spring flows for a long period of time)
- Downstream river flows are anticipated to be at or above average.
- Winter baseflows will likely remain at 400 cfs, but is dependent on snowpack accumulation.
- Next Operations Meeting: Tuesday, April 26th 2016