



Western
Area Power
Administration

2016 Final PRS

March 15, 2017

Bob Harris
Senior VP & UGP Regional Manager

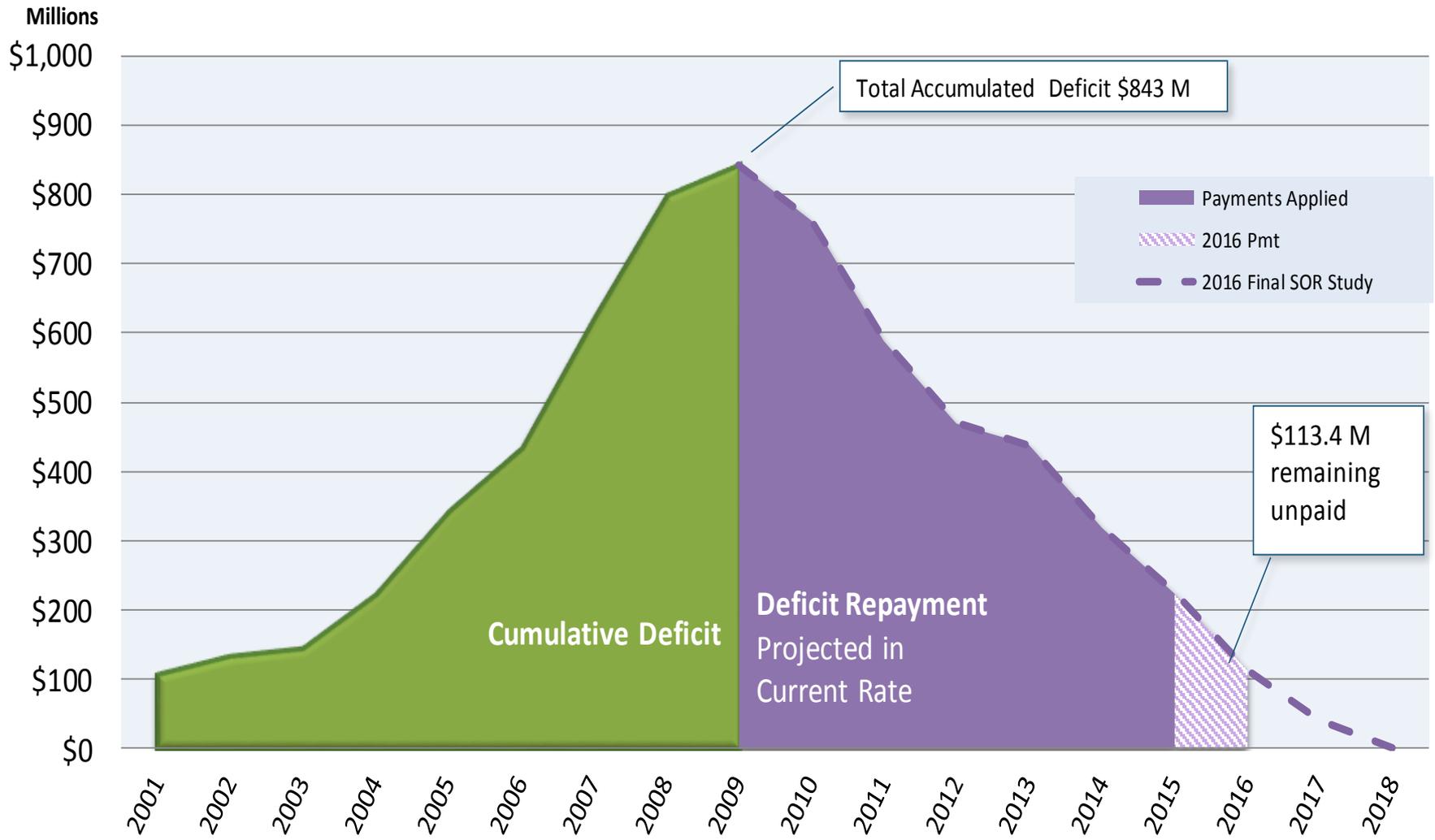
P-SMBP

2016 Final SOR PRS

- 2016 Deficit Payment is \$110 M
 - Pays off the 2017 unpaid deficit balance
 - Balance applied towards 2018 remaining deficit balance
- \$113 M unpaid on the Drought after 2016
- 2016 \$54 M Required Payments
 - Mostly in 2.5% to repay Corps investments
- 2020 is the PRS pinch point
- SOR Study solves at current rate of 28.54 mills/kwh
- Drought debt paid off in 2018
- 2016 Rate Setting Study for CY 2018 rate not finalized yet.

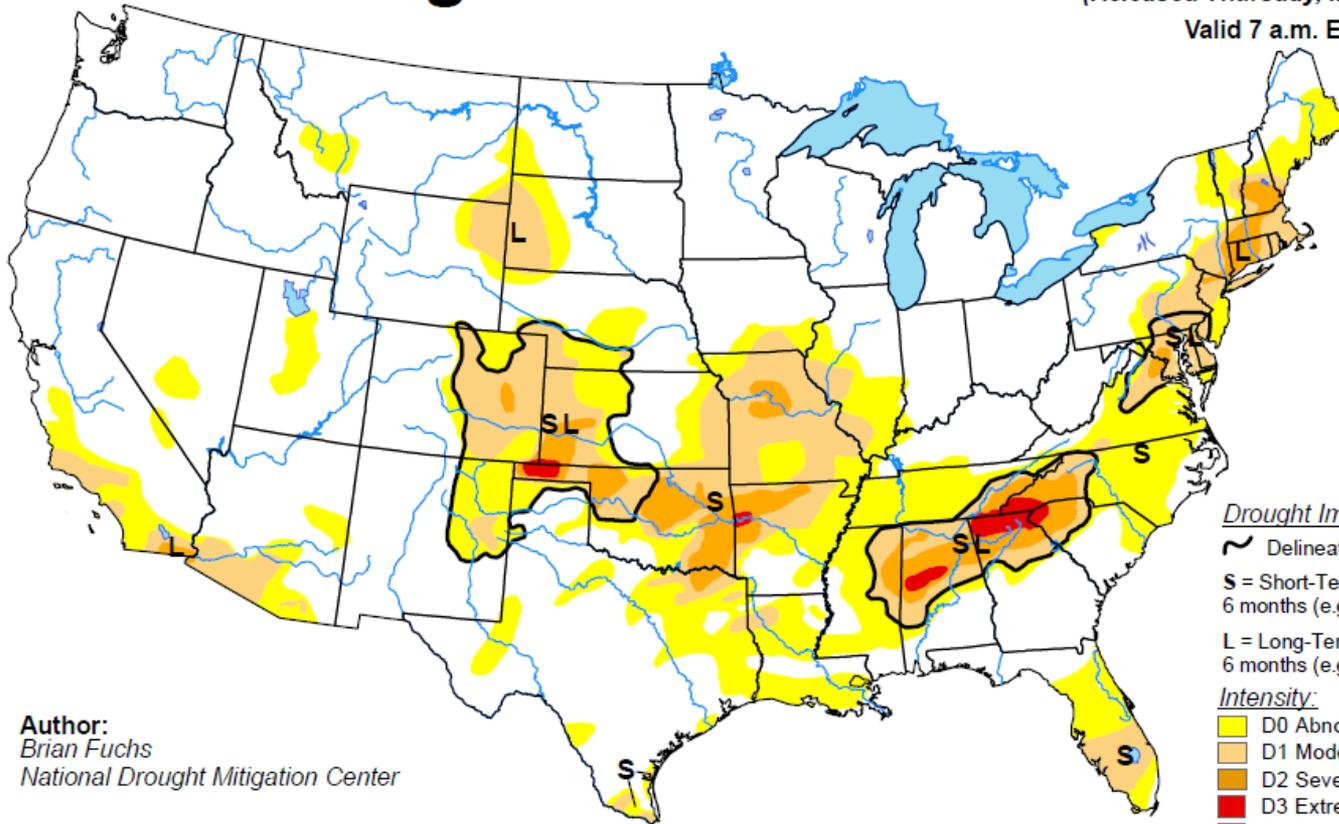


2016 Deficit Repayment



U.S. Drought Monitor

March 7, 2017
 (Released Thursday, Mar. 9, 2017)
 Valid 7 a.m. EST

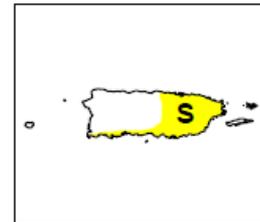
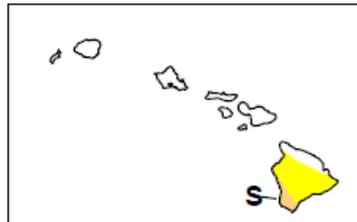
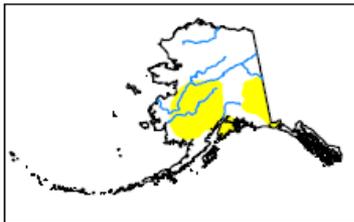


Drought Impact Types:
 ~ Delineates dominant impacts
 S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
 L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:
 Yellow: D0 Abnormally Dry
 Light Orange: D1 Moderate Drought
 Orange: D2 Severe Drought
 Red: D3 Extreme Drought
 Dark Red: D4 Exceptional Drought

Author:
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 National Drought Mitigation Center

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



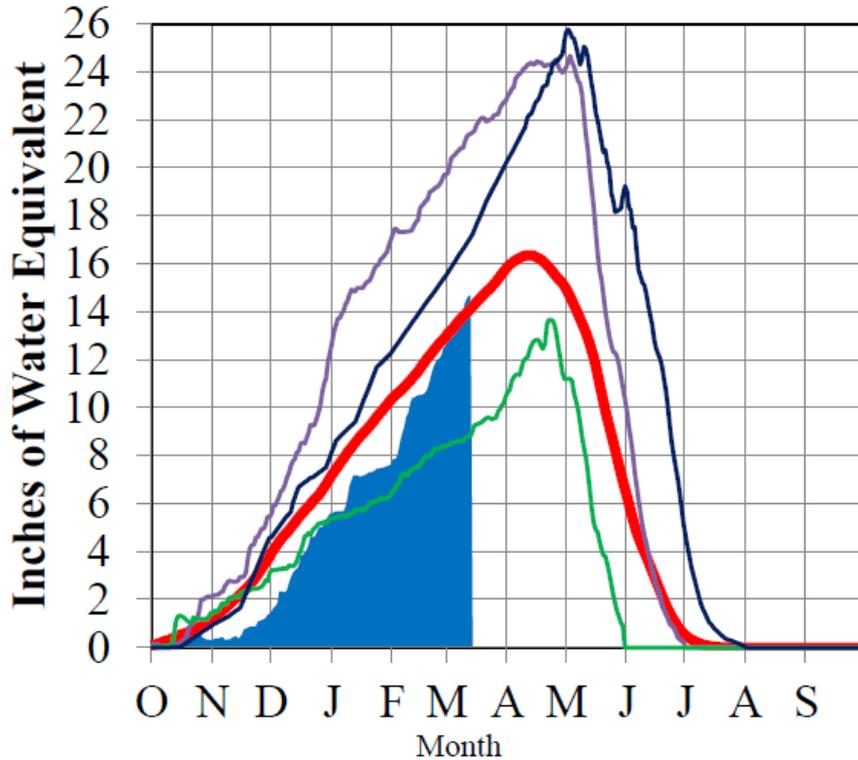
<http://droughtmonitor.unl.edu/>

Missouri River Basin –Mountain Snowpack

2016-2017 with comparison plots from 1997*, 2001*, and 2011

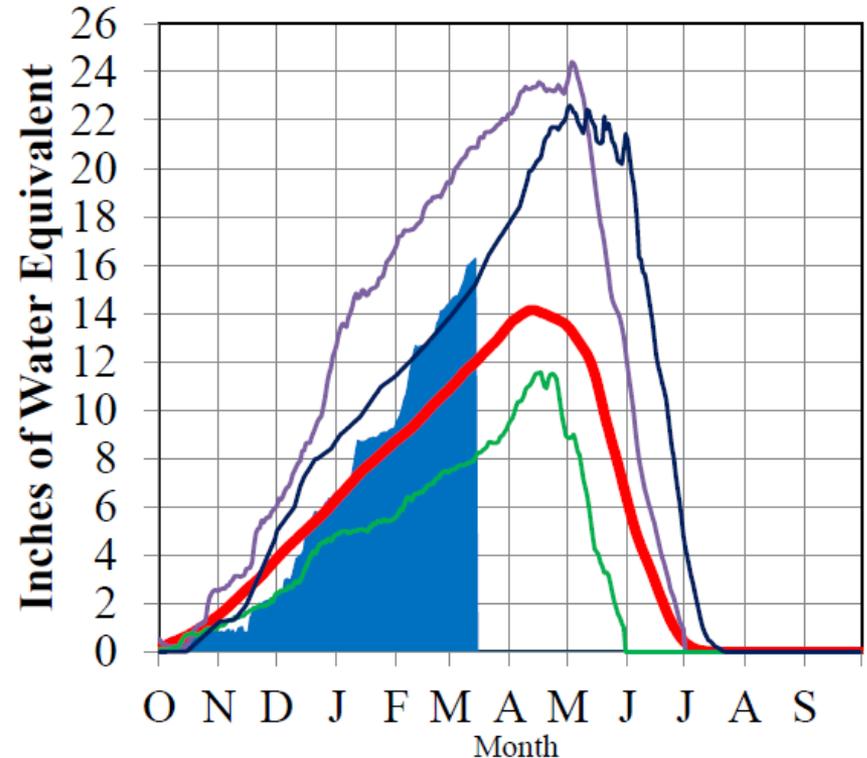
March 13, 2017

Total above Fort Peck



■ 2016-2017 ■ 1981-2010 Ave ■ 1997 ■ 2001 ■ 2011

Total Fort Peck to Garrison

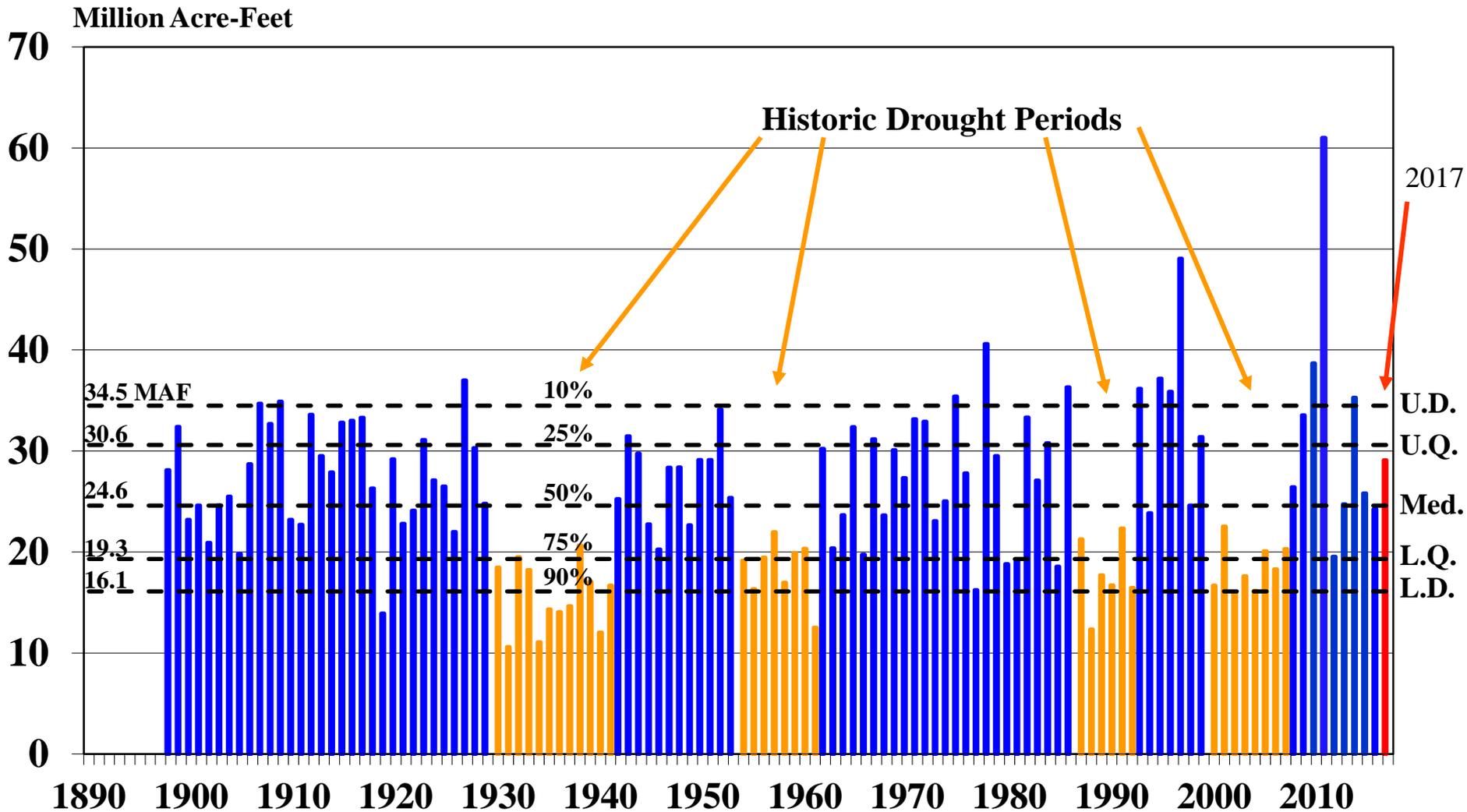


■ 2016-2017 ■ 1981-2010 Ave ■ 1997 ■ 2001 ■ 2011

The Missouri River Basin mountain snowpack normally peaks near April 15. On March 13, 2017 the mountain Snow Water Equivalent (SWE) in the “Total above Fort Peck” reach was 14.7”, 104% of average. The mountain SWE in the “Total Fort Peck to Garrison” reach was 16.3”, 137% of average. Normally by March 15 about 87% of the peak mountain SWE has occurred in both reaches.



Missouri River Mainstem System Annual Runoff above Sioux City, IA

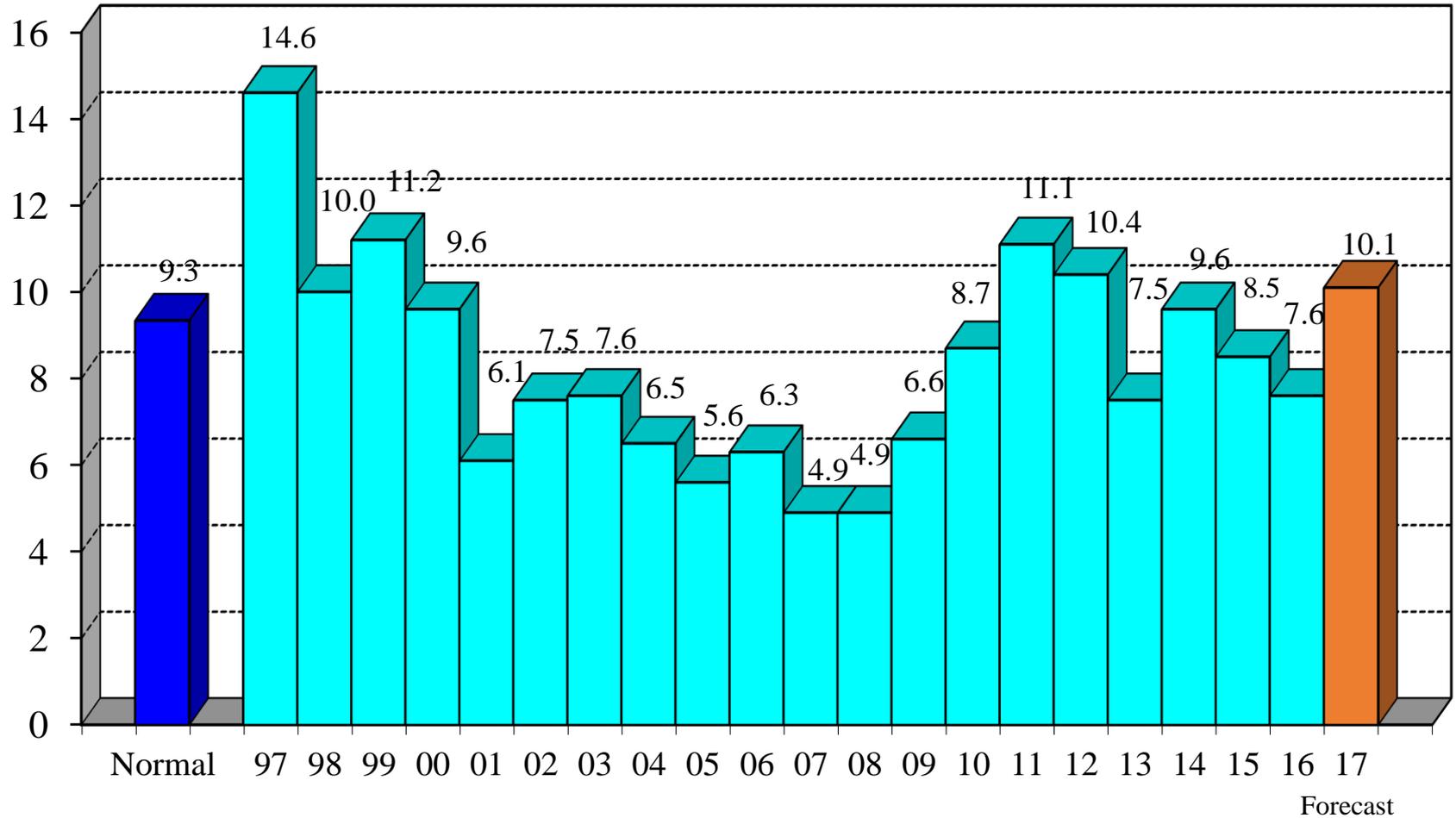


2016 Final SOR PRS

Chart provided by US Army Corps of Engineers

Mainstem System Generation

Million Megawatt Hours



Mar 1, 2017 Forecast

Upper Basic: 13.6

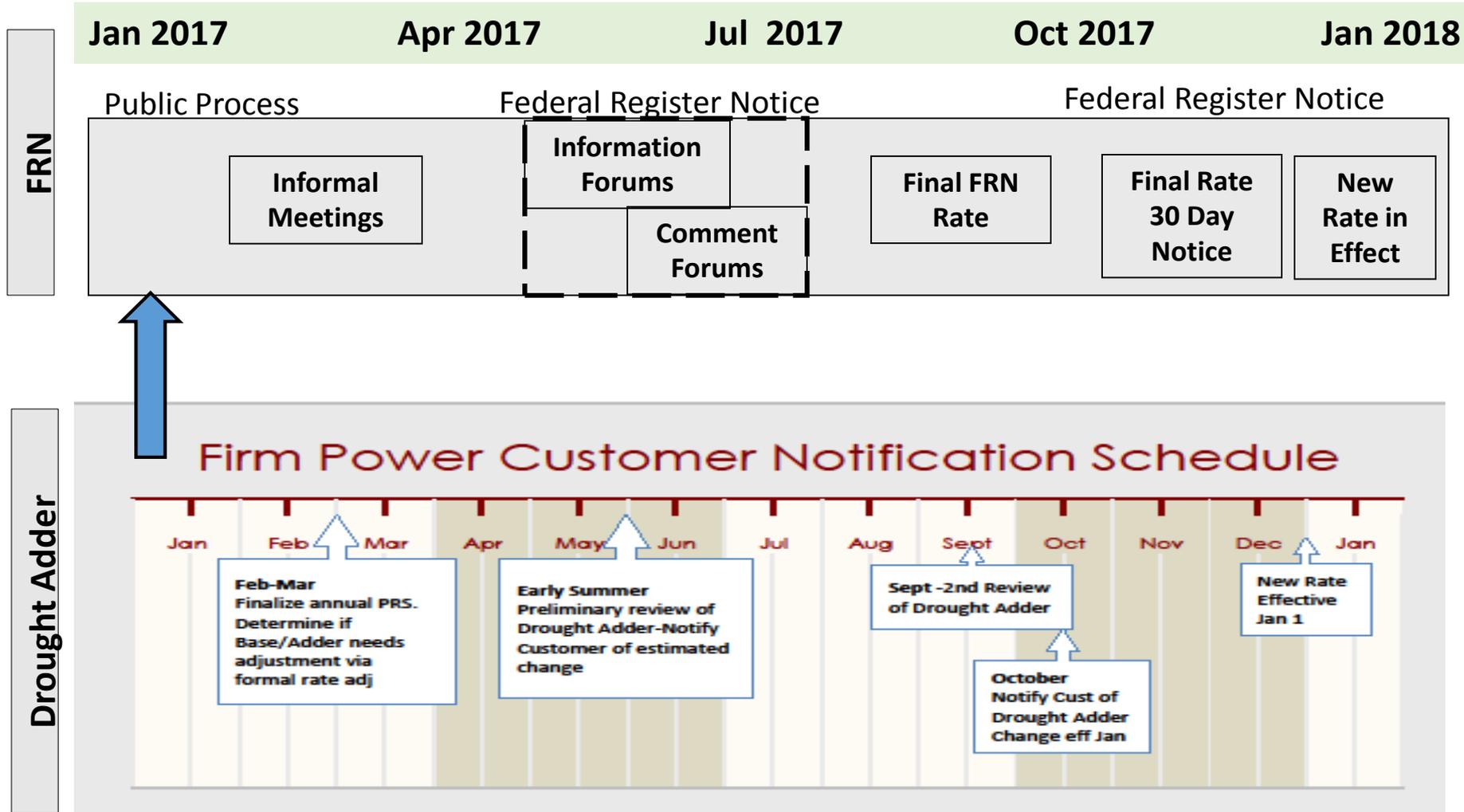
Lower Basic: 9.4



2016 Final SOR PRS

Chart provided by US Army Corps of Engineers

Draft Schedule for 2018 Rate Adjustment



Save the Date Information Webinar

- Sent out a March 9th letter announcing Webinar
 - Plan for Public Rate Process
 - Webinar is April 18, 2017, 1:00 – 3:00 PM MDT
 - Discuss the Pick-Sloan—ED and LAP Base and Drought Adder true up and the plan for the up coming public process to adjust the over all Pick-Sloan composite rate
 - Drought Adder component going to zero and increase to the Base Component

<https://www.wapa.gov/regions/UGP/rates/Pages/2018-firm-rate-adjustment.aspx>

- Webinar will be recorded and posted to the website.



Questions



www.wapa.gov



The Source

