

LIBBY DAM STURGEON AND SUMMER OPERATIONS

June 26th, 2019
TMT Meeting



"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."

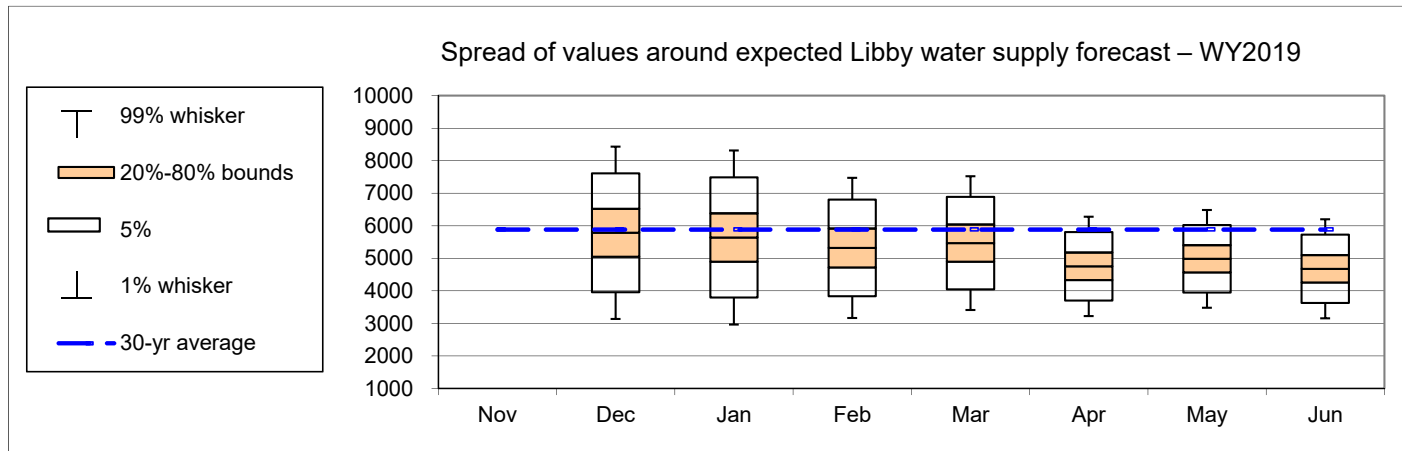


**US Army Corps
of Engineers** ®



MAY 1ST WATER SUPPLY FORECAST AND BIOP OBJECTIVES

- April-August inflow forecast for Libby Dam was 4.98 million acre-feet (MAF)
 - Forecast is 85% of average
 - Sturgeon Volume is 0.8 MAF
 - Bull trout minimum flows following the Sturgeon Pulse through Aug 31 is 7 kcfs
 - May VarQ Flow was 18,000 cfs
- Water supply forecast issued on 8 May for The Dalles is 82.4 MAF (94% of normal).
 - Libby flow augmentation draft to 10 ft from full (2449 ft) end of September
 - *Not applicable this year*



KOOTENAI TRIBE RESTORATION WORK

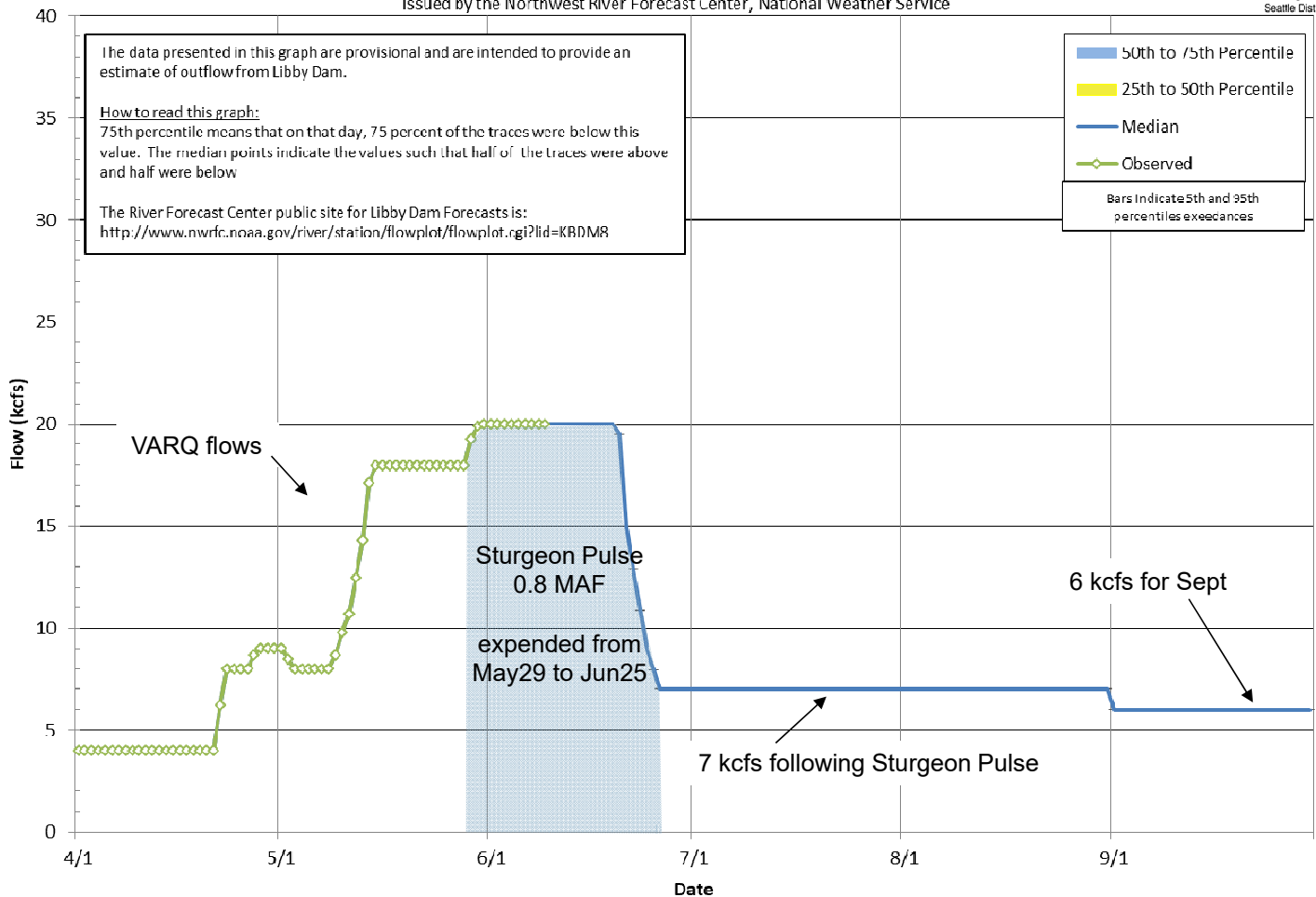
- No flow request this year
- Restoration work is occurring in tributaries



Modelled using current ESP traces as of 06/10/19

Libby Dam Outflow - Probability Chart

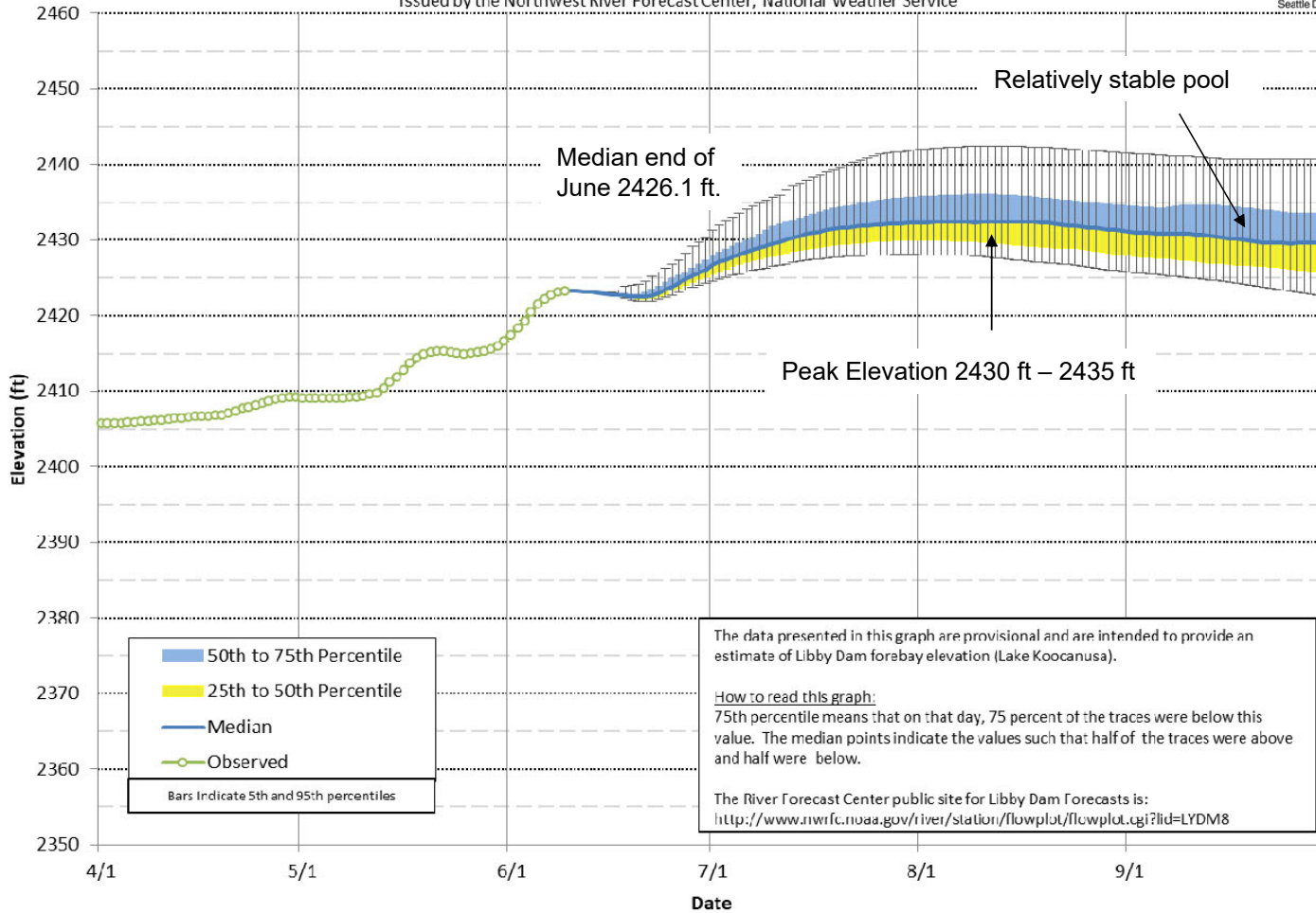
Corps of Engineers Projections Based on the 70 Ensemble Streamflow Prediction Traces
Issued by the Northwest River Forecast Center, National Weather Service



Modeled using current: ESP traces as of 06/10/19

Lake Koonanusa Elevation - Probability Chart

Corps of Engineers Projections Based on the 70 Ensemble Streamflow Prediction Traces
Issued by the Northwest River Forecast Center, National Weather Service



US Army Corps of Engineers®

