

# Libby Dam VarQ Deviation Request

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Joel Fenolio

Seattle District Water Management



US Army Corps of Engineers  
**BUILDING STRONG**®

# Deviation Request

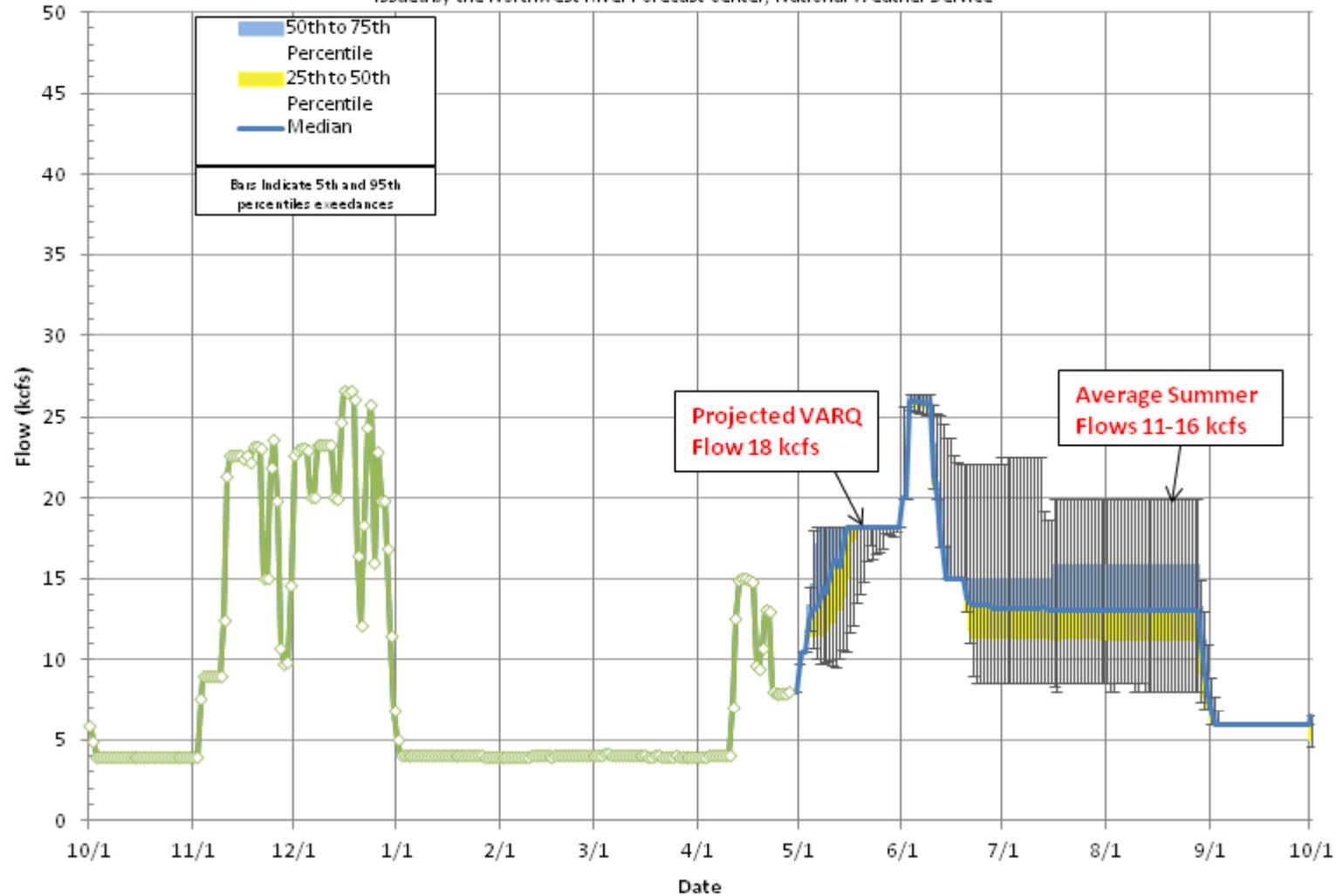
- Drop VarQ Releases from 18 kcfs to 13 kcfs
- Increase Summer Refill
- Flexibility for Summer Flows



Modeled using current ESP traces as of 04/29/15

### NO DEVIATION: Libby Dam Outflow - Probability Chart

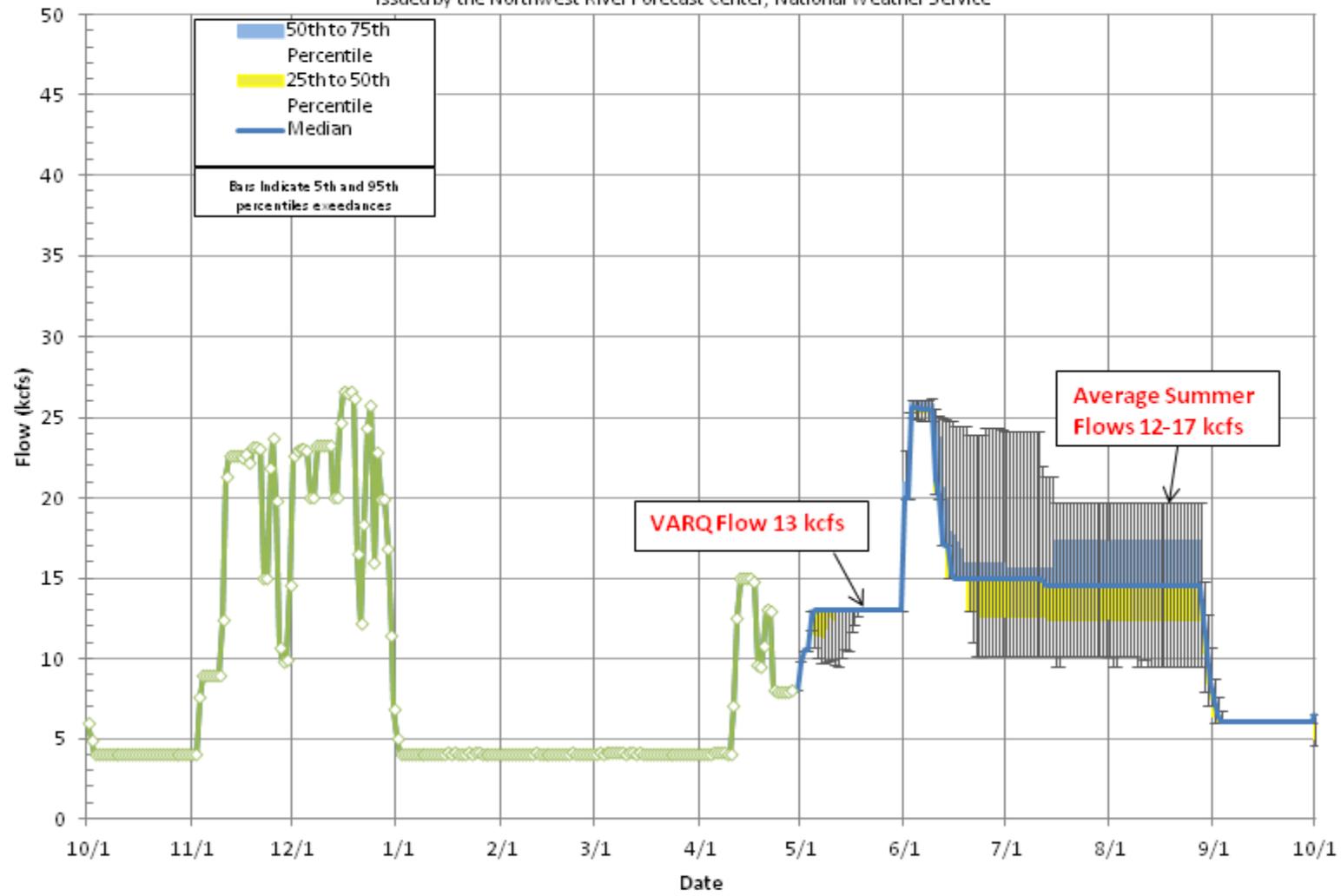
Corps of Engineers Projections Based on the 52 Ensemble Streamflow Prediction Traces  
Issued by the Northwest River Forecast Center, National Weather Service



Modeled using current ESP traces as of 04/29/15

### 13 KCFS DEVIATION: Libby Dam Outflow - Probability Chart

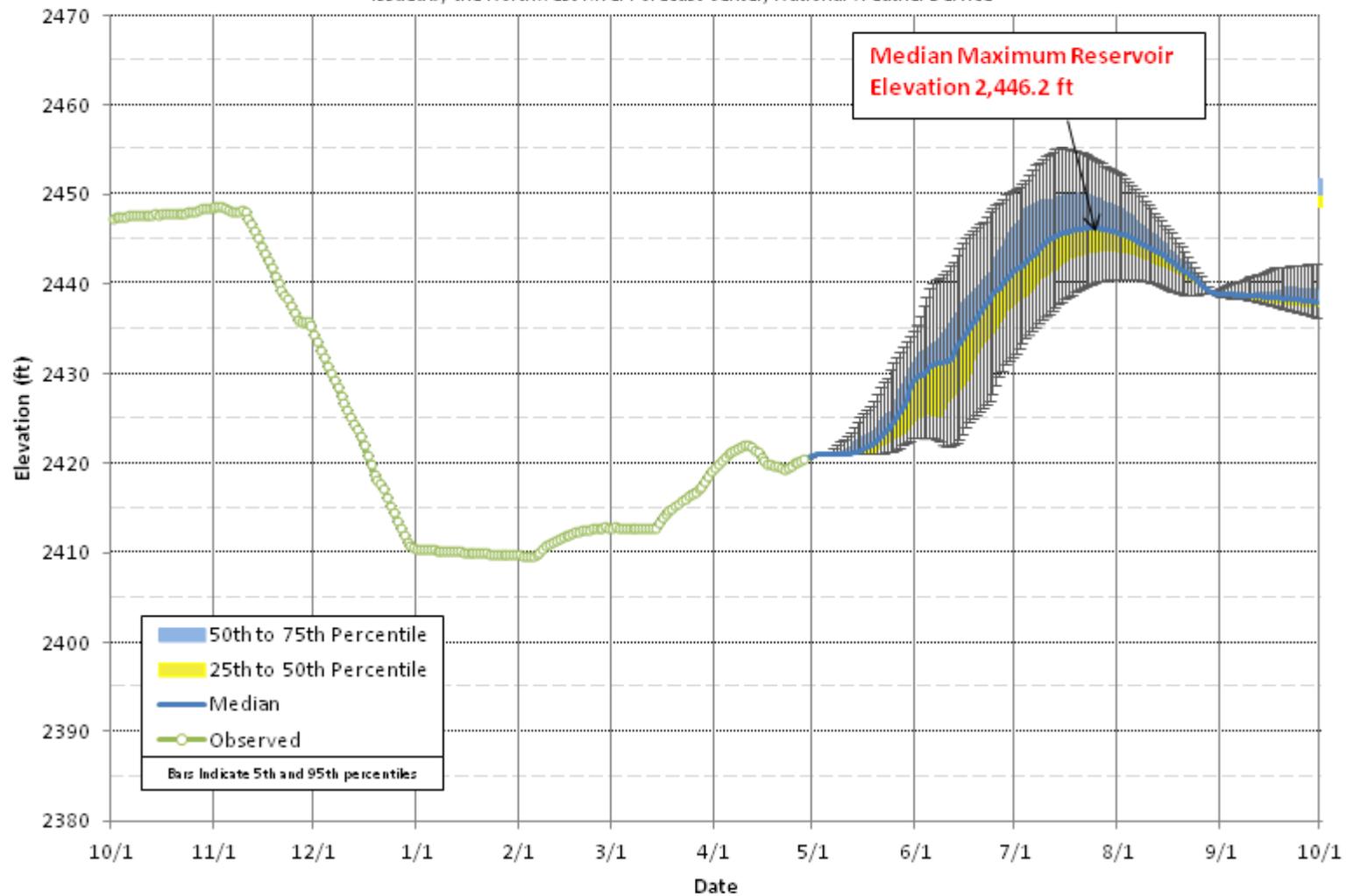
Corps of Engineers Projections Based on the 52 Ensemble Streamflow Prediction Traces  
Issued by the Northwest River Forecast Center, National Weather Service



Modeled using current ESP traces as of 04/29/15

### NO DEVIATION: Lake Koocanusa Elevation - Probability Chart

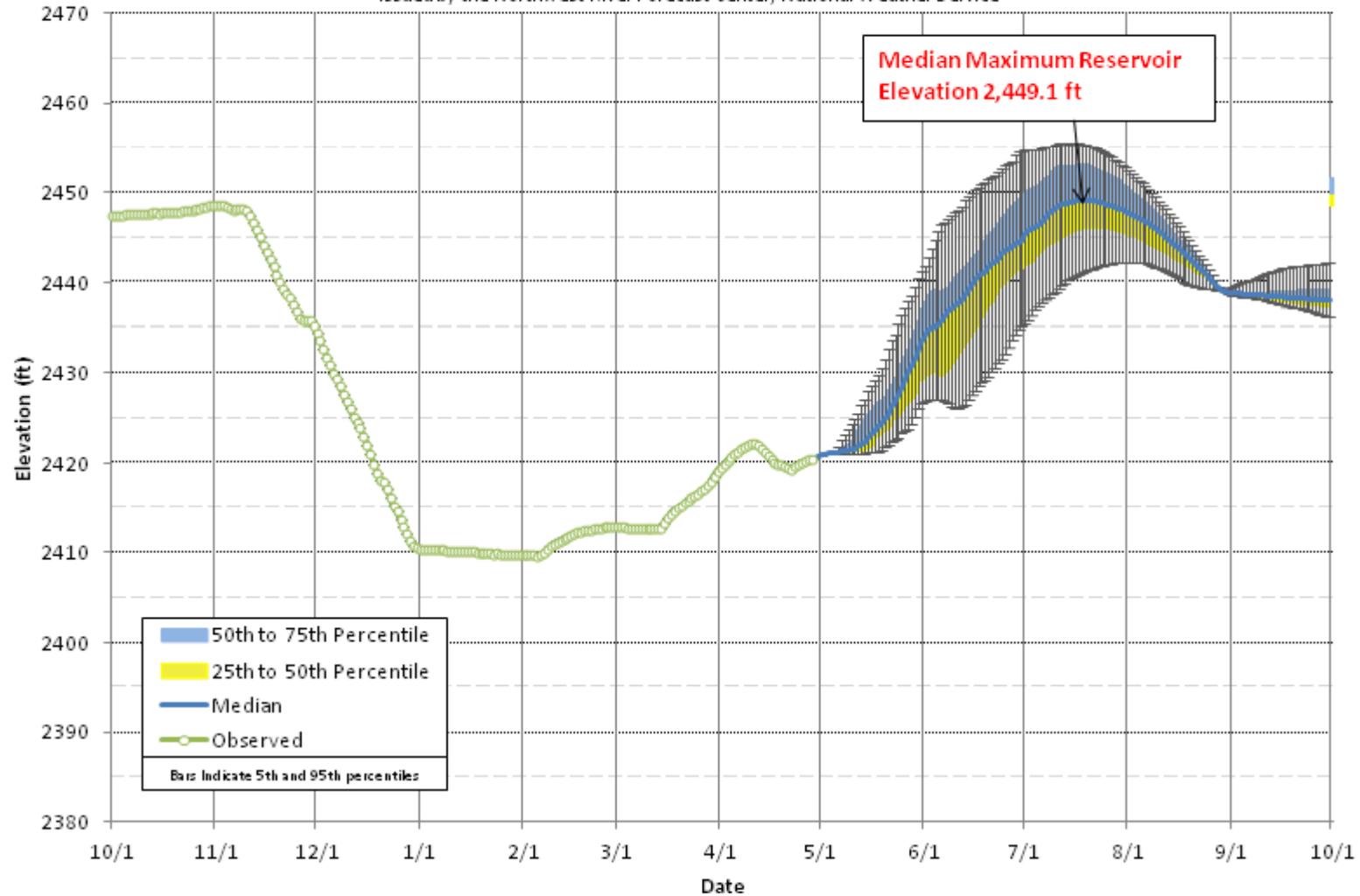
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Modeled using current ESP traces as of 04/29/15

### 13 KCFS DEVIATION: Lake Kocanusa Elevation - Probability Chart

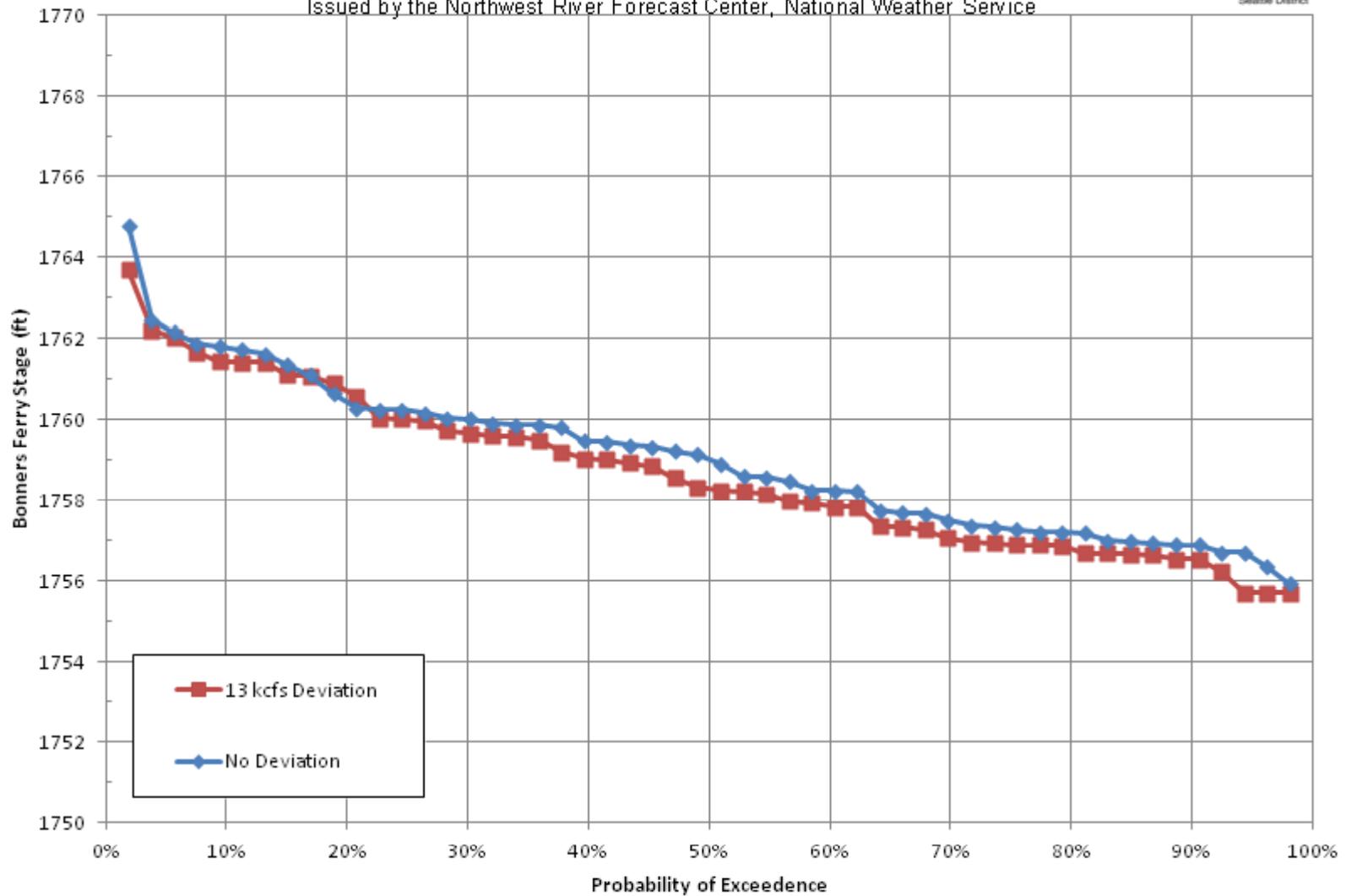
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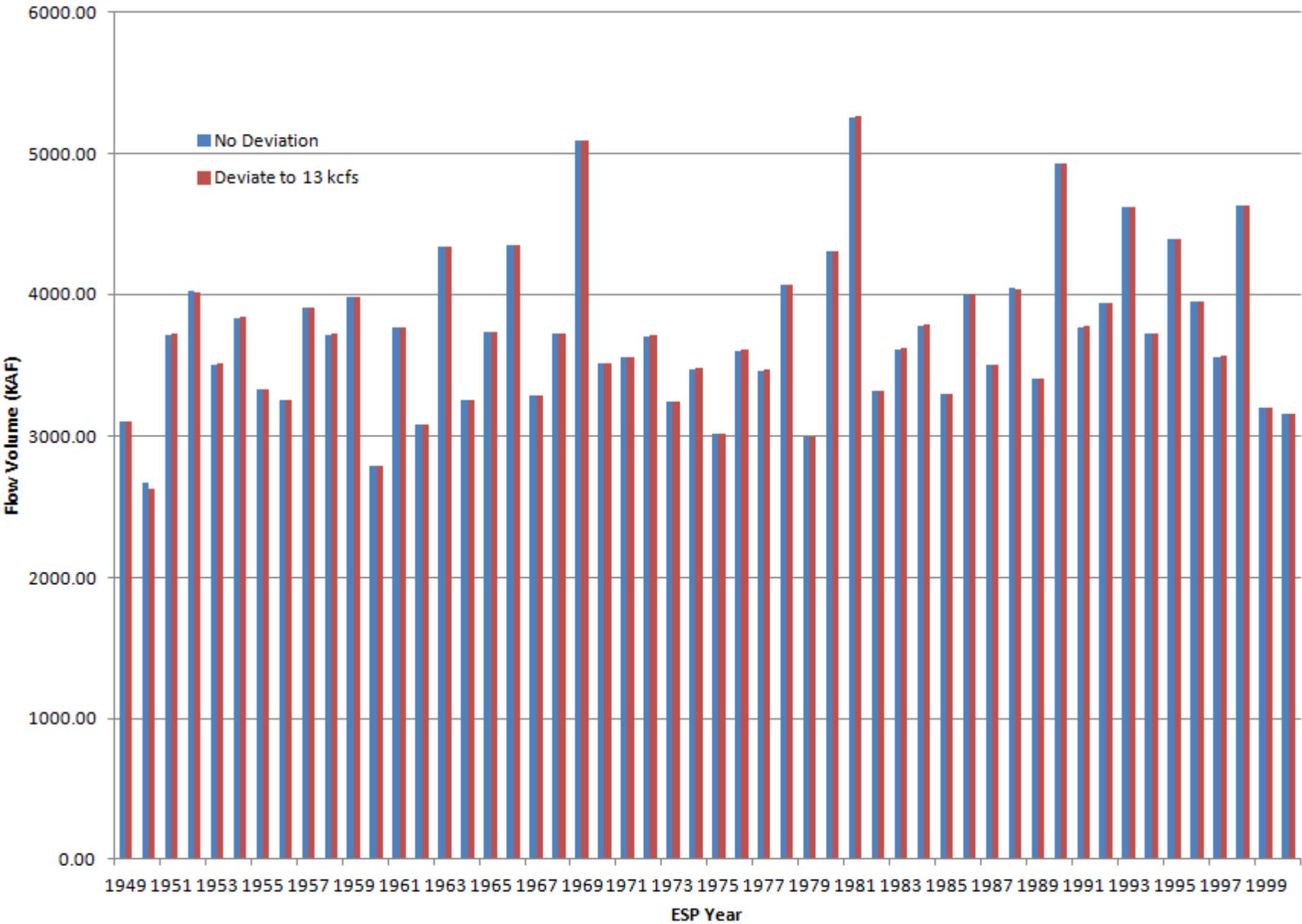
Modeled using current ESP traces as of 04/29/15

### Maximum April-August Bonners Ferry Stage - Probability Chart

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# May to August Flow Volume with and without Deviation Request



# Summary

- Deviation Request does not increase flood risk
- Adds several feet to the refill elevation
- Adds flexibility for summer flows

