



BUREAU OF  
RECLAMATION

# Lahontan Basin Area Office Water Supply Outlook

March 2020

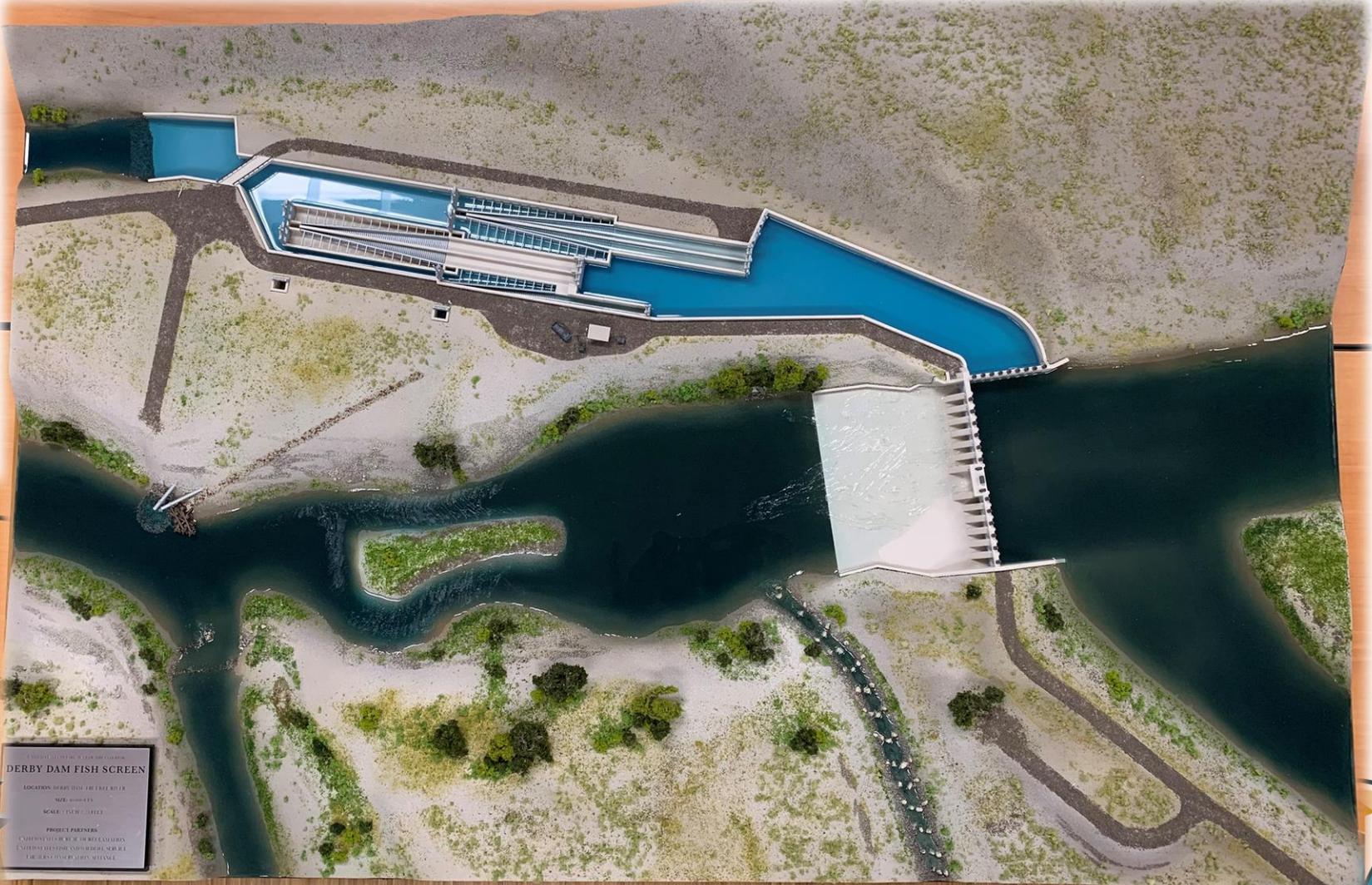
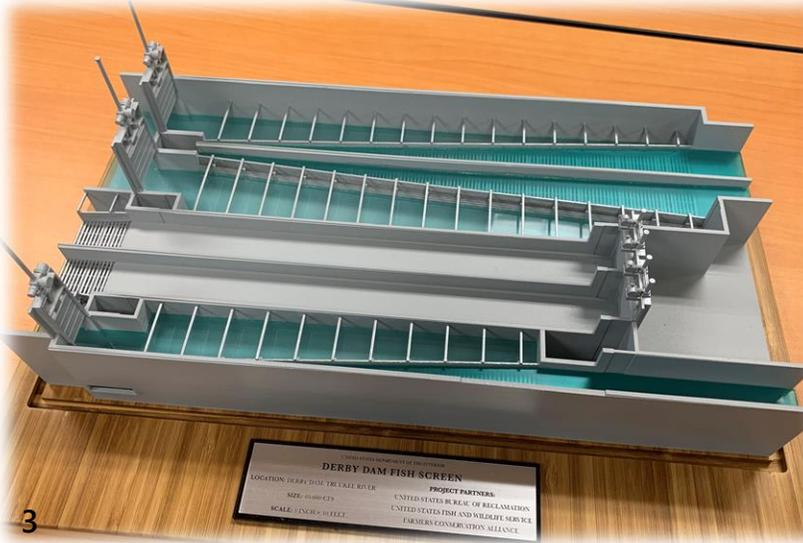
Presented by Dan Lahde

# Topics

- Derby Dam Fish Screen
- Water Year 2020 Outlook
  - NRCS Forecasted Data
  - Current/Projected Reservoir Operations



# Derby Dam Fish Screen







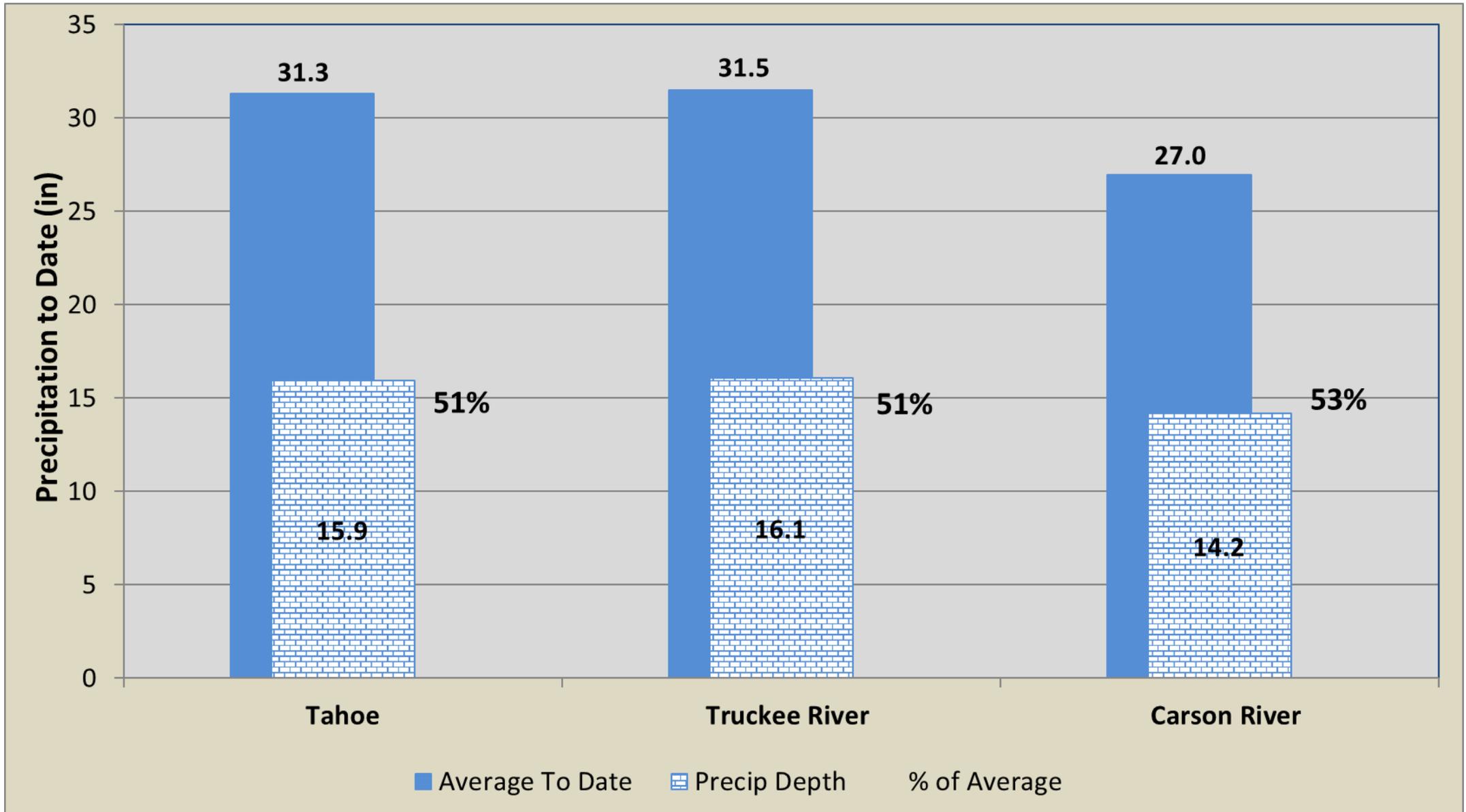




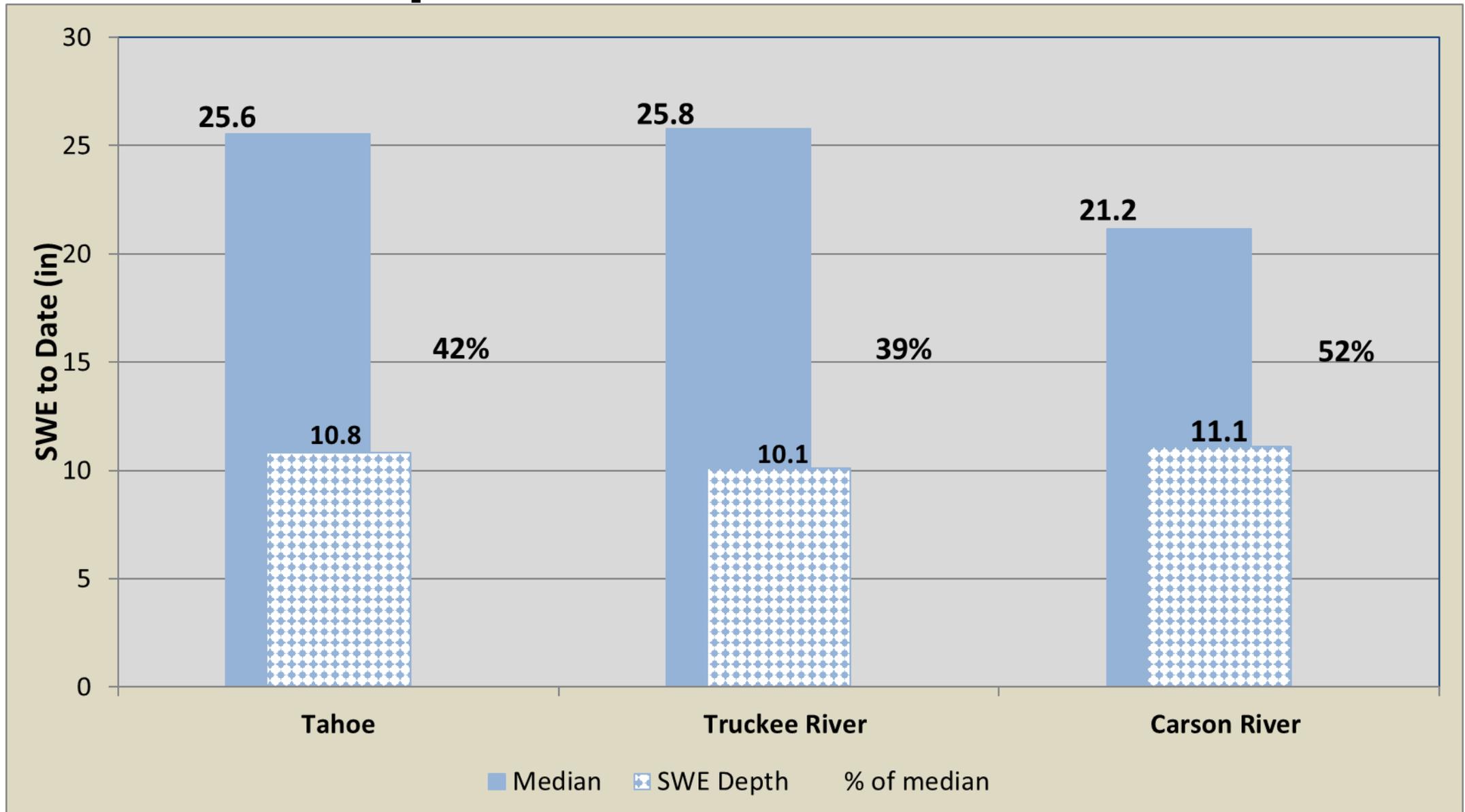
# WY 2020 Outlook



# Current WY Precipitation To Date

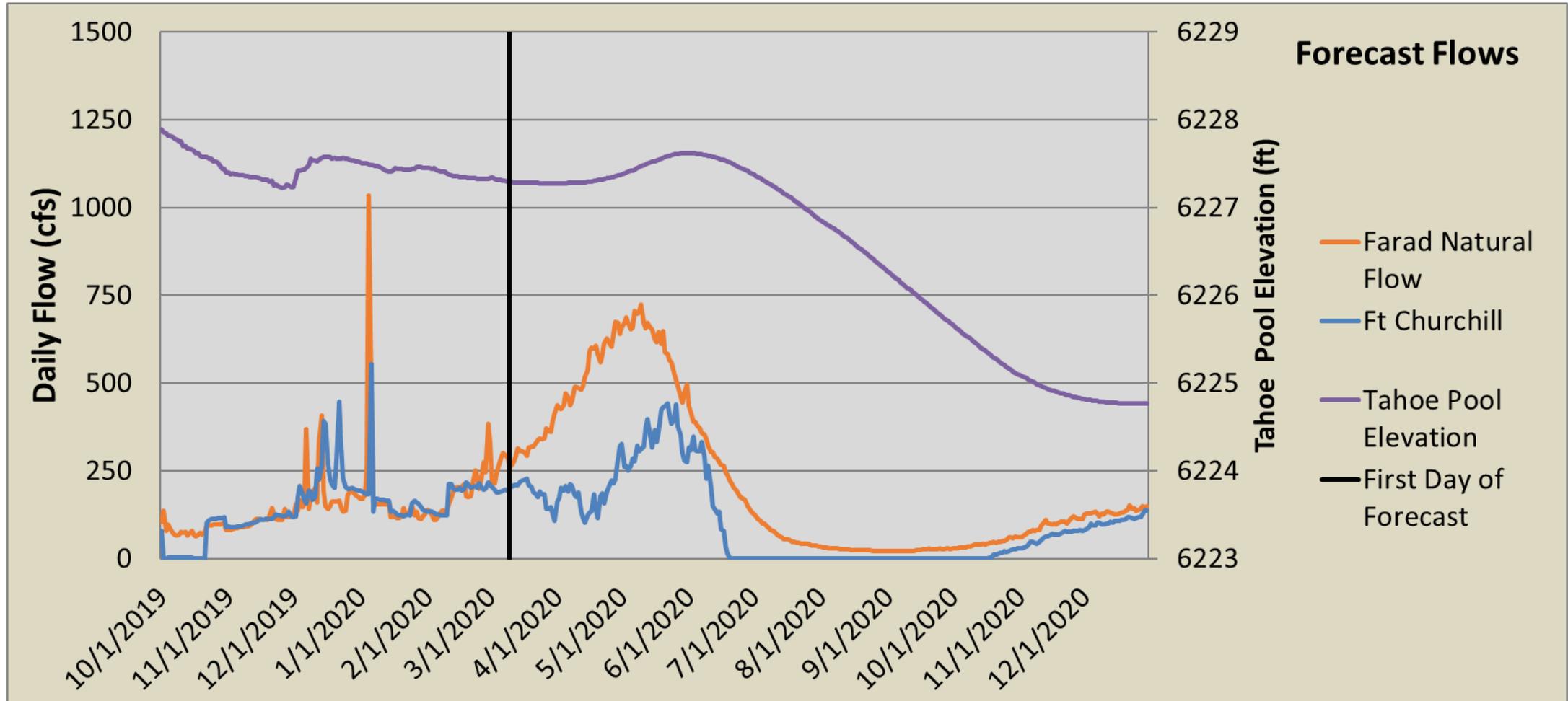


# Current Snowpack

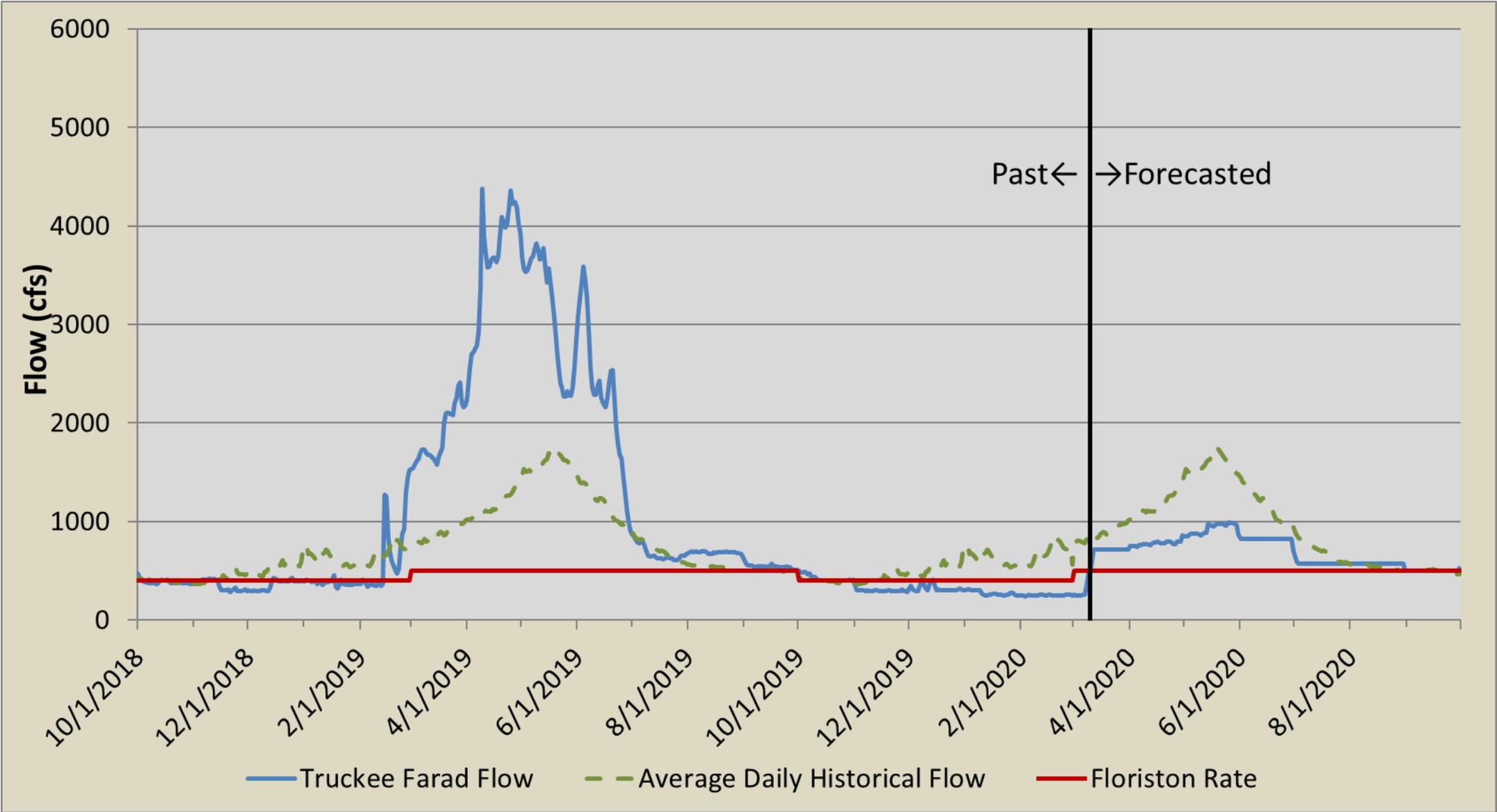


# WY 2020 Mar 1 NRCS Forecast - Hydrograph

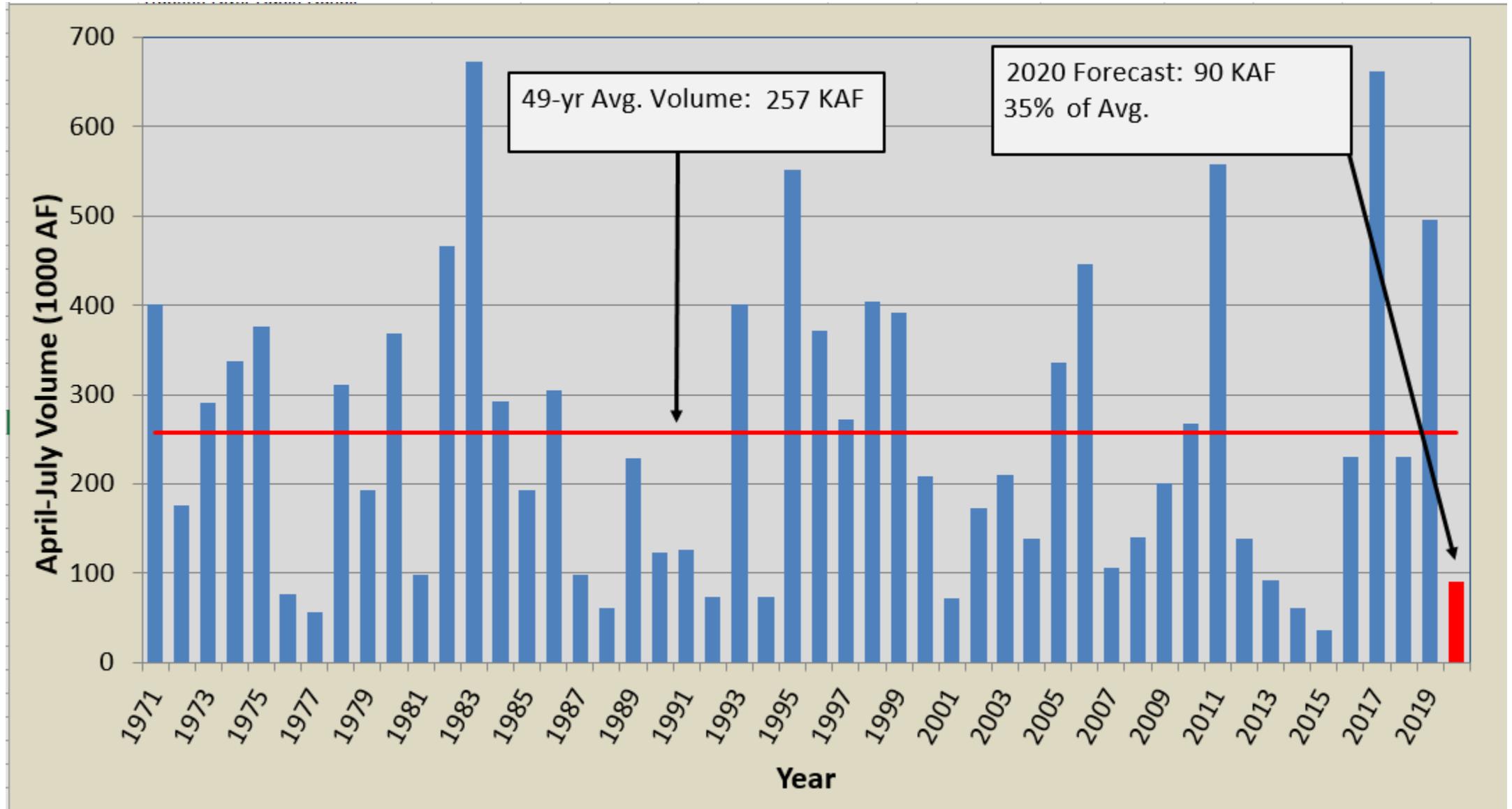
	Farad AJ Vol (KAF)	Carson AJ Vol (KAF)	Tahoe Gate Closed Rise (ft.)
30% (W)	130	70	0.65
50% (M)	<b>90</b>	<b>40</b>	<b>0.45</b>
70% (D)	60	25	0.39



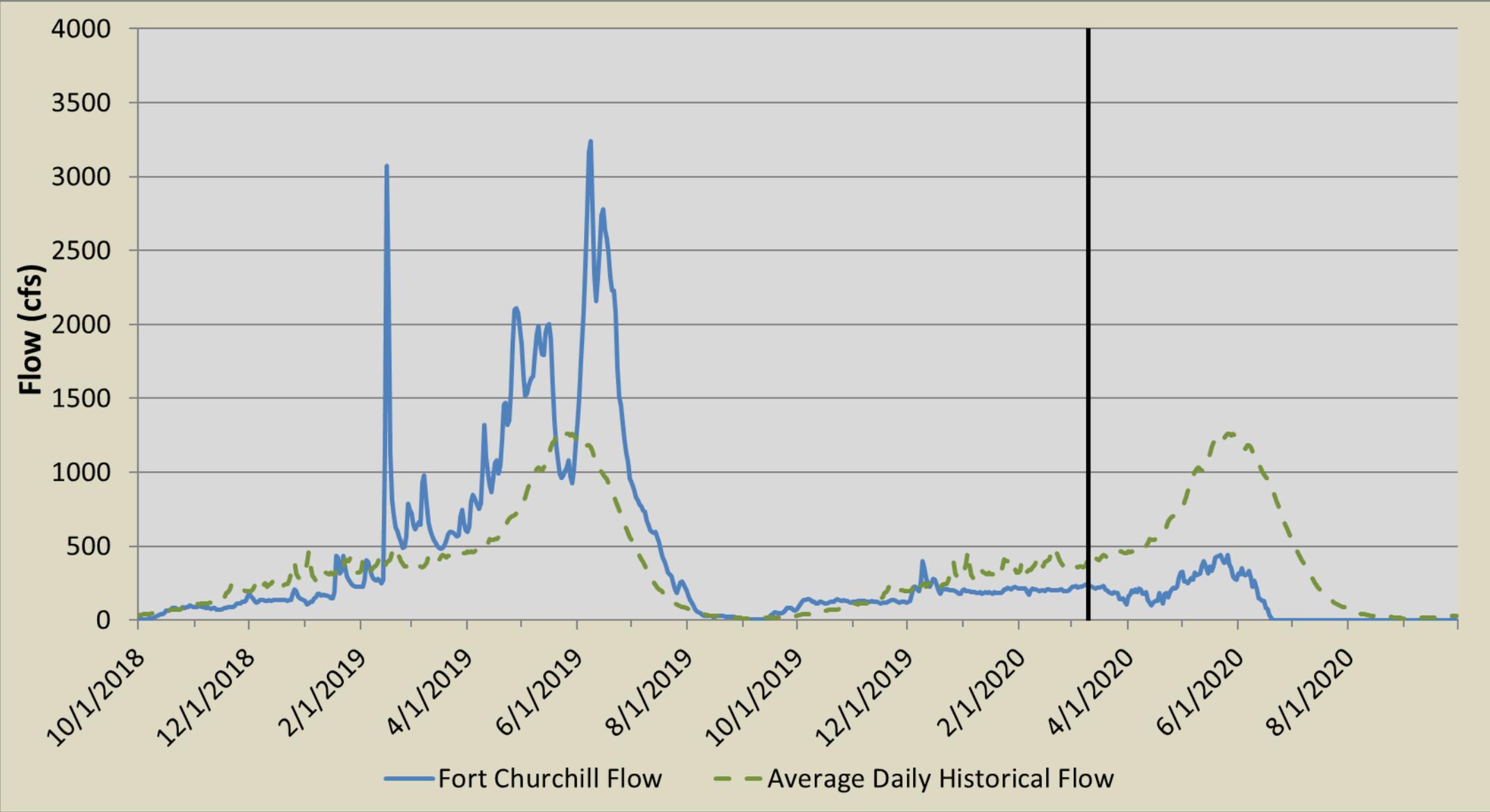
# Average, Historic & Forecasted Farad Flow



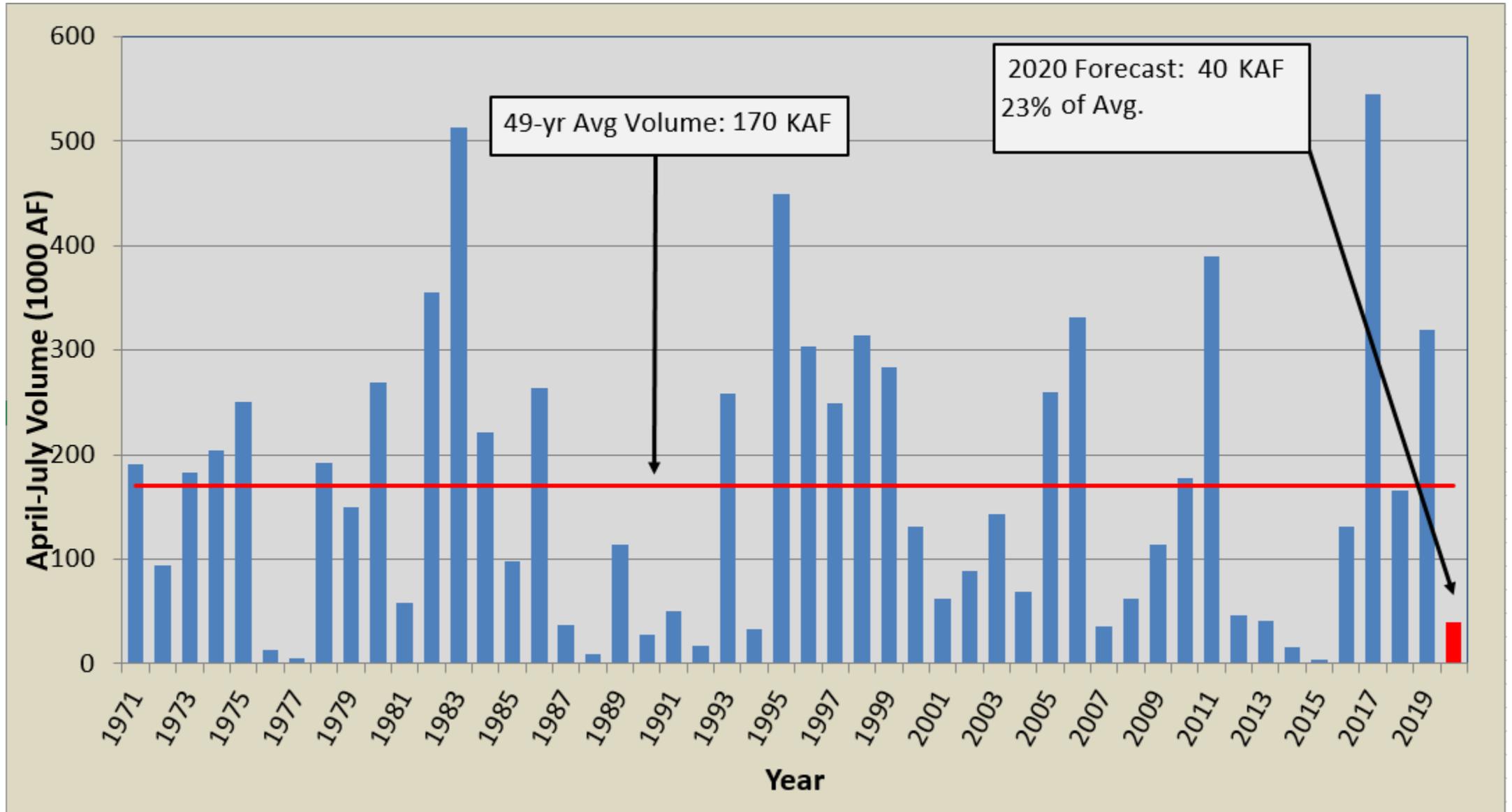
# Historical & Forecasted A-J Runoff – Farad



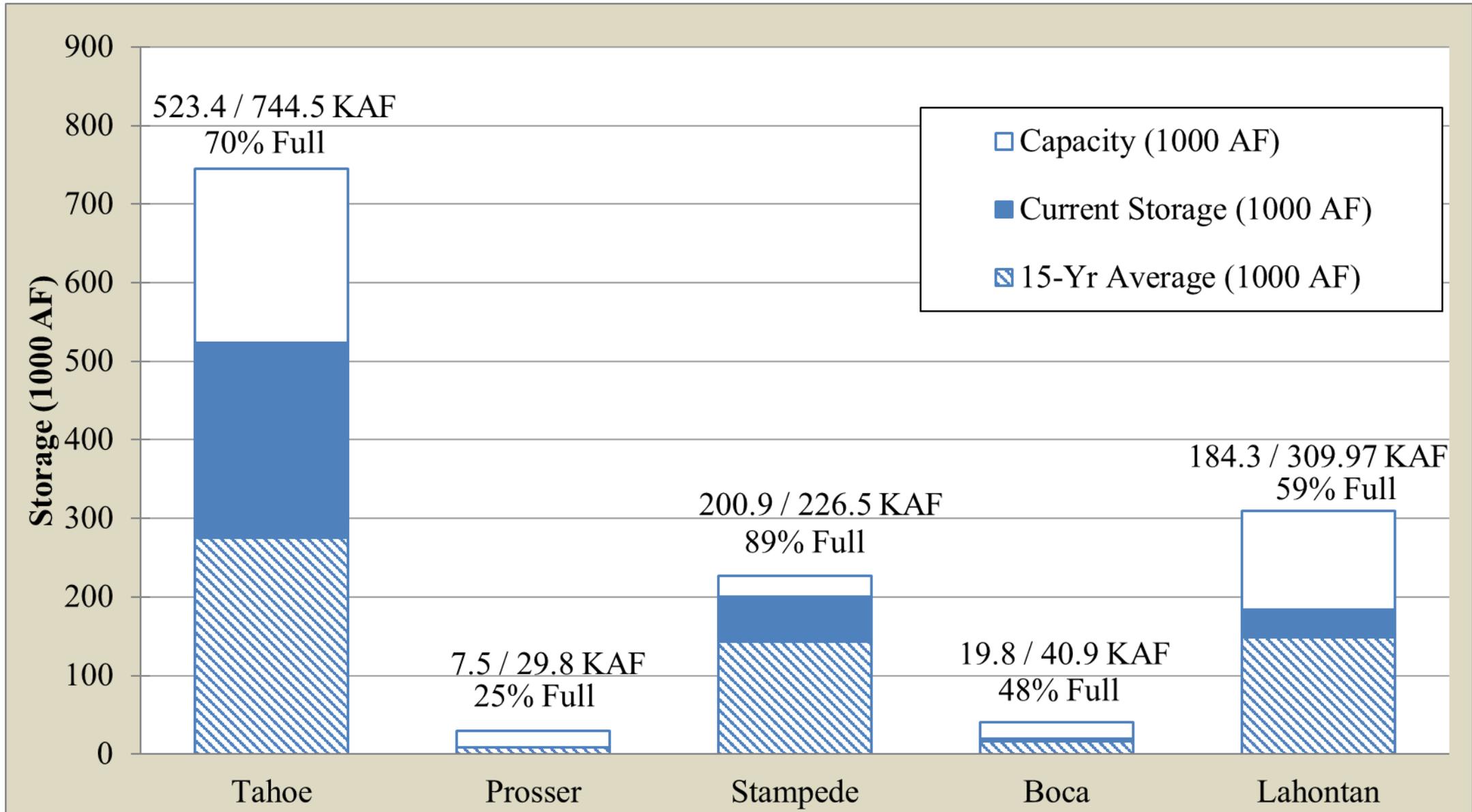
# Average & Forecasted Ft. Churchill Flow



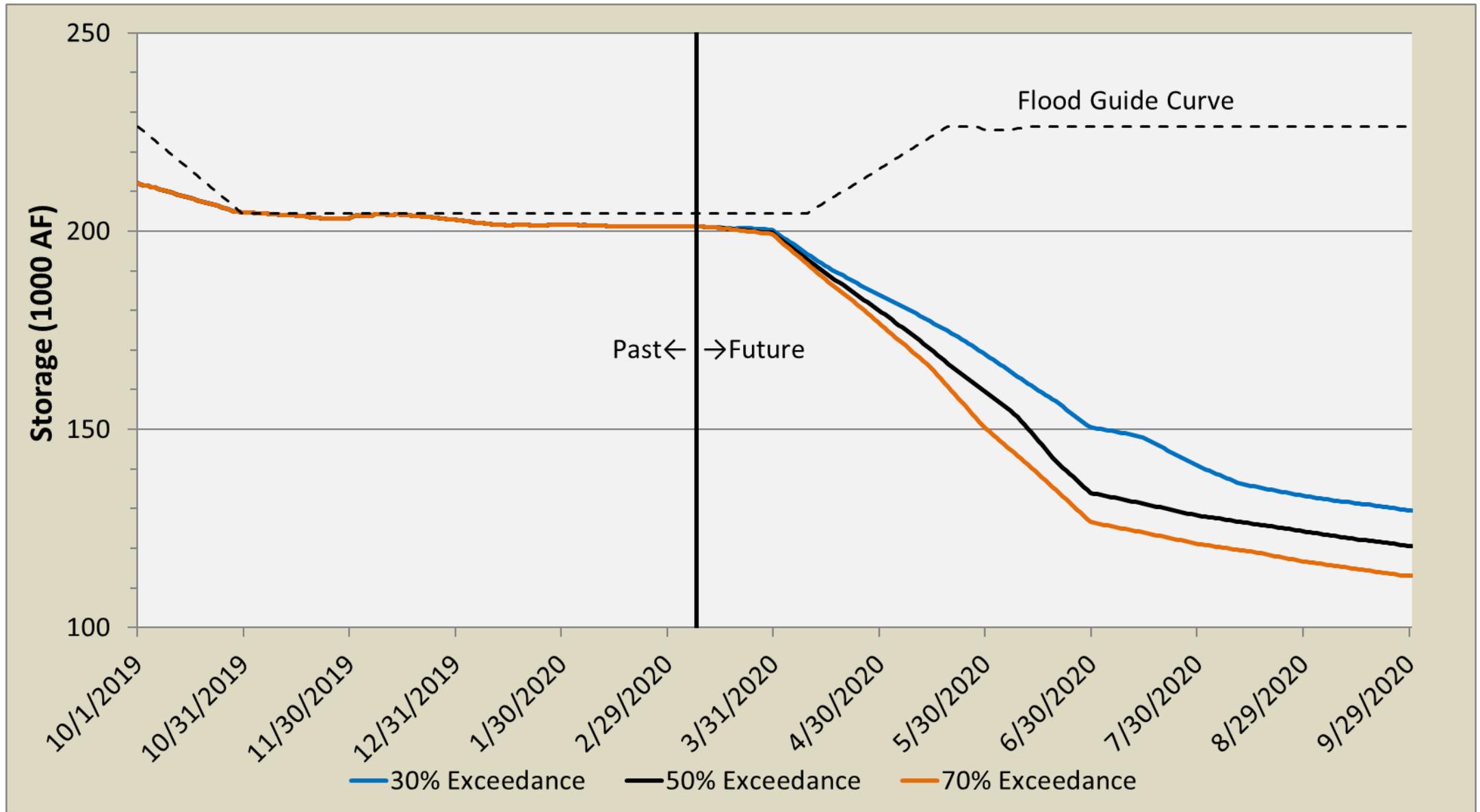
# Historical & Forecasted A-J Runoff–Ft Churchill



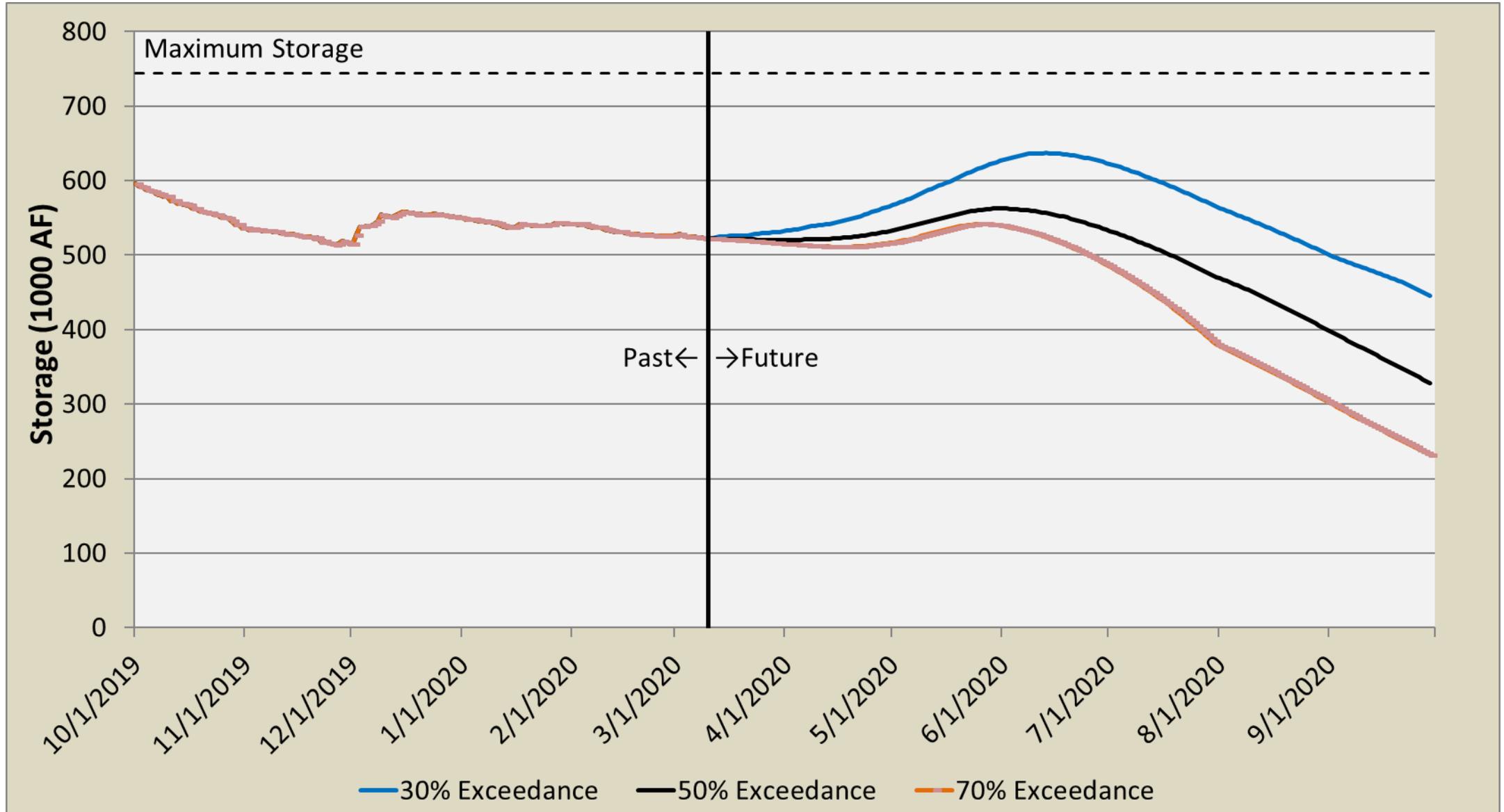
# Current Reservoir Storage



# Stampede Reservoir Storage Forecast



# Lake Tahoe Storage Forecast



# Forecasted Lahontan Inflows

Ft. Churchill Inflows = 220 cfs  
Lahontan Reservoir = 185,000 AF

## CARSON RIVER - FORT CHURCHILL (FTCN2)

Latitude: 39.29° N

Longitude: 119.31° W

Elevation: 4220 Feet

Location: Lyon County in Nevada

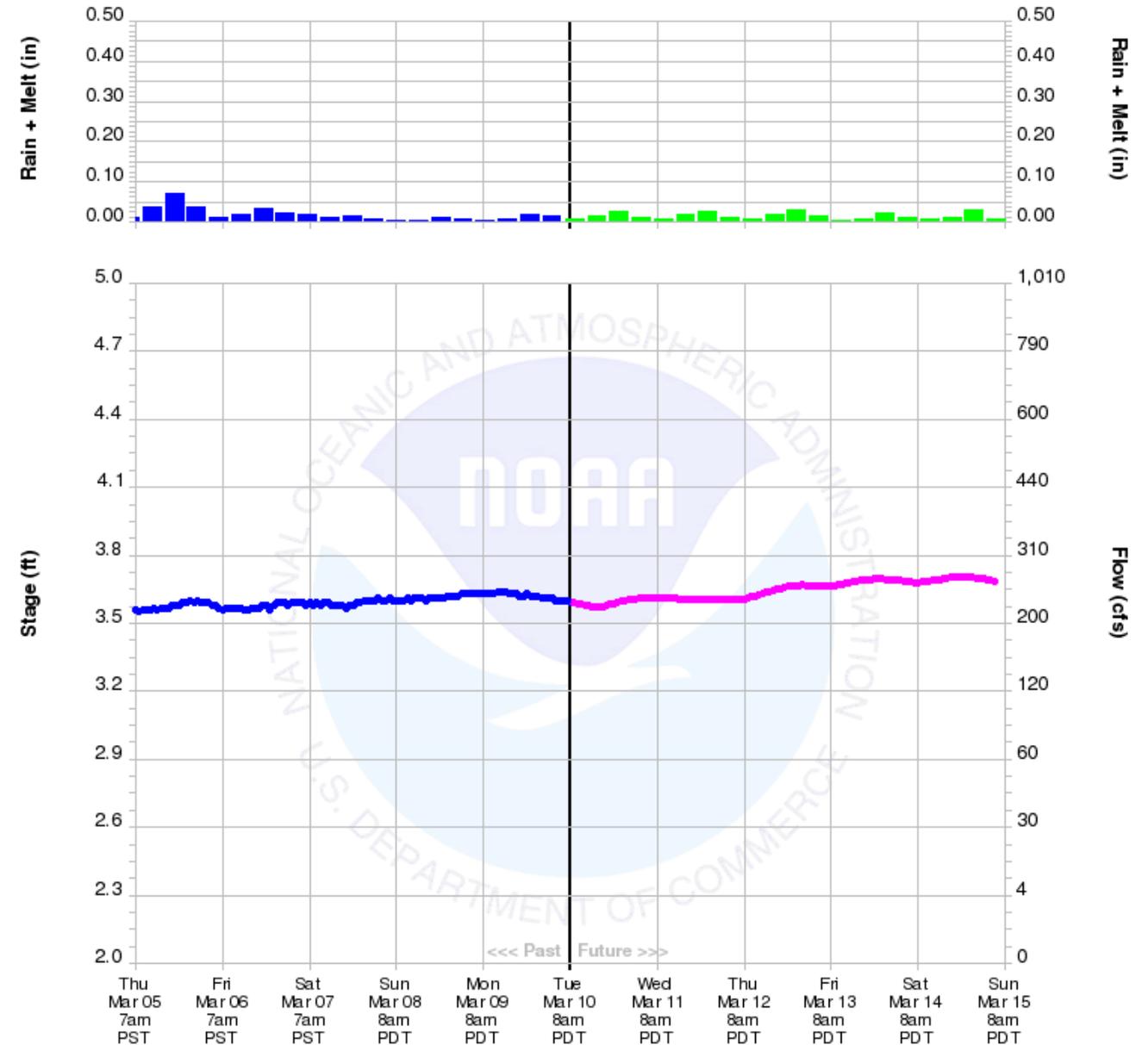
River Group: Eastern Sierra

Issuance Time: Mar 10 2020 at 8:51 AM PDT

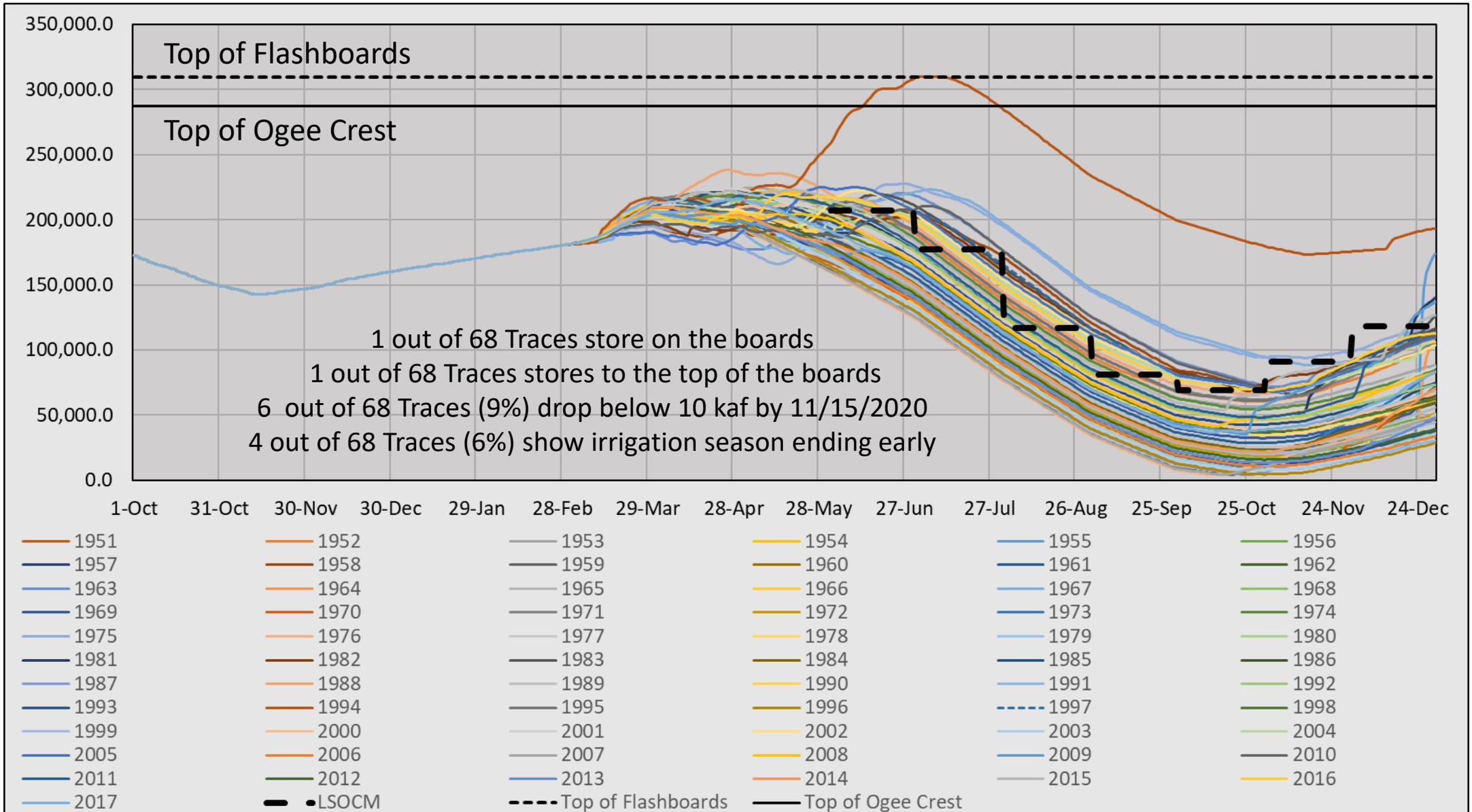
Next Issuance: Mar 10 2020 at 3:00 PM PDT

Monitor Stage: N/A

Flood Stage: N/A



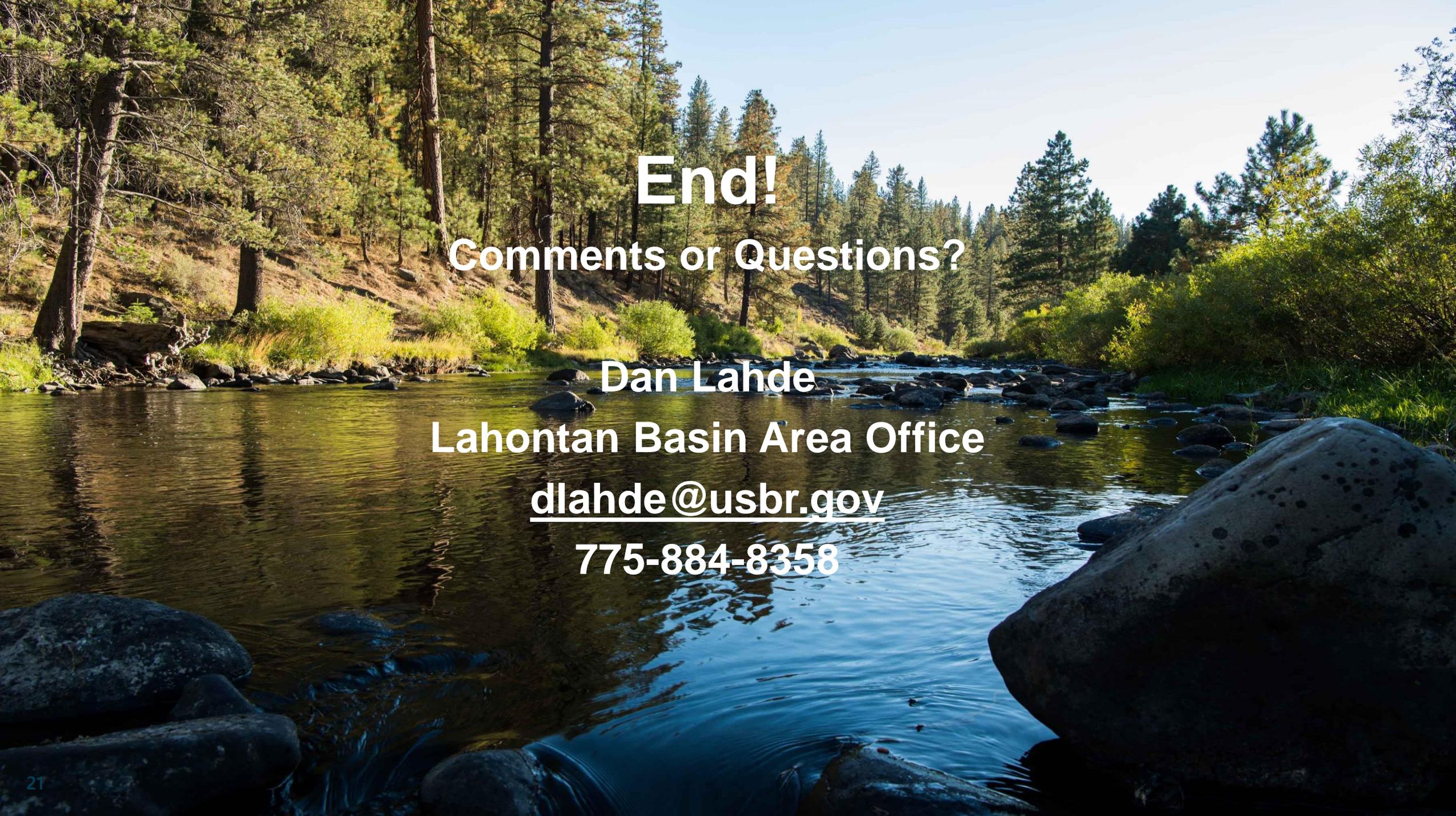
# Lahontan Reservoir Storage Forecast



# Current Lahontan Operations

- Diversions from the Truckee River to Lahontan are expected all year
- Lahontan only fills in 1 of 68 RFC traces
- Water supply is less than demand in 6% of the RFC traces





**End!**

**Comments or Questions?**

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