



BUREAU OF
RECLAMATION

Lahontan Basin Area Office Water Supply Outlook

February 2021

Presented by Scott Fennema

Topics

- **Water Year 2021 Outlook**
 - **NRCS Forecasted Data**
 - **Forecasted Lahontan Storage**
 - **Projected Operations**

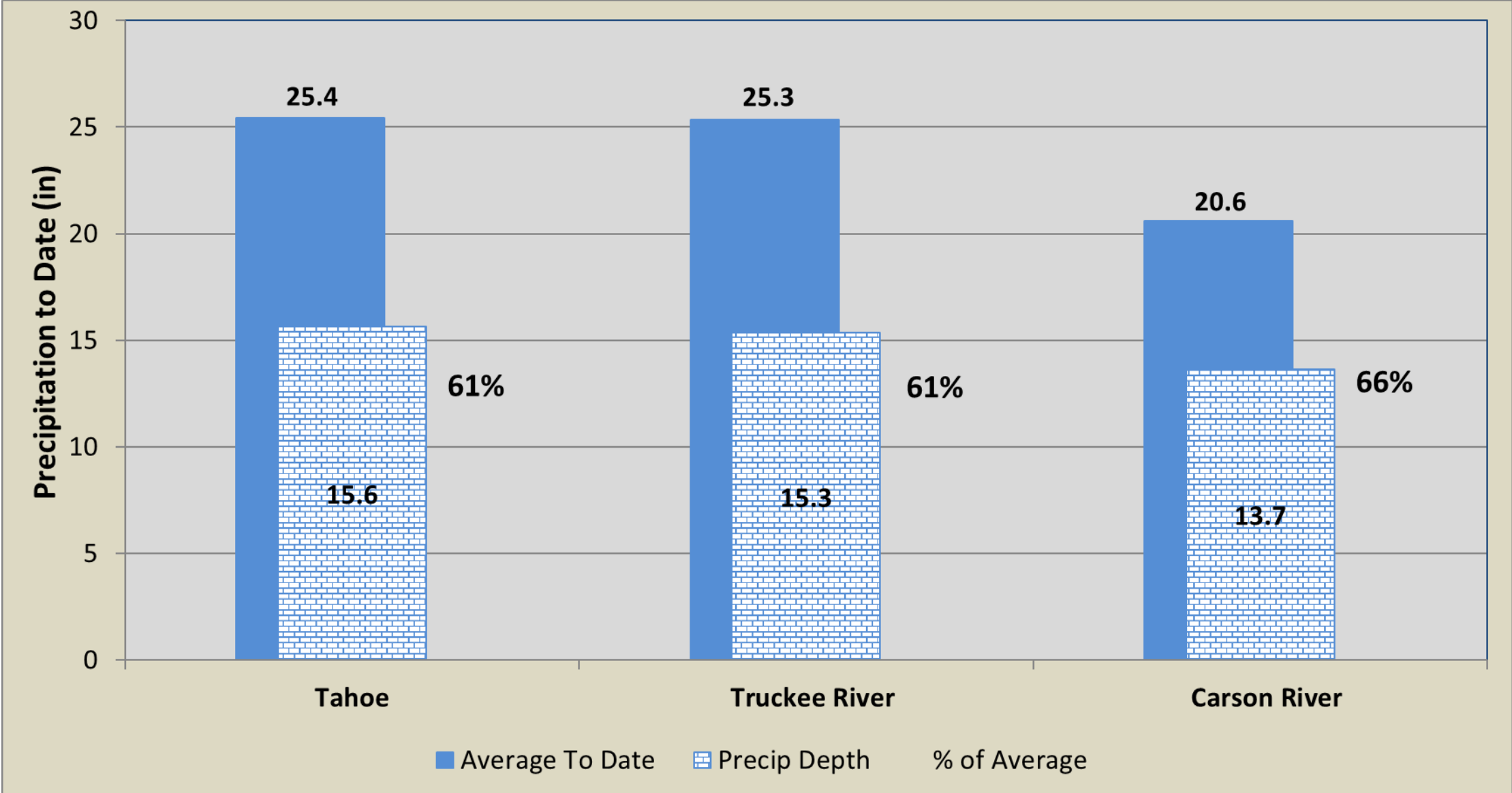




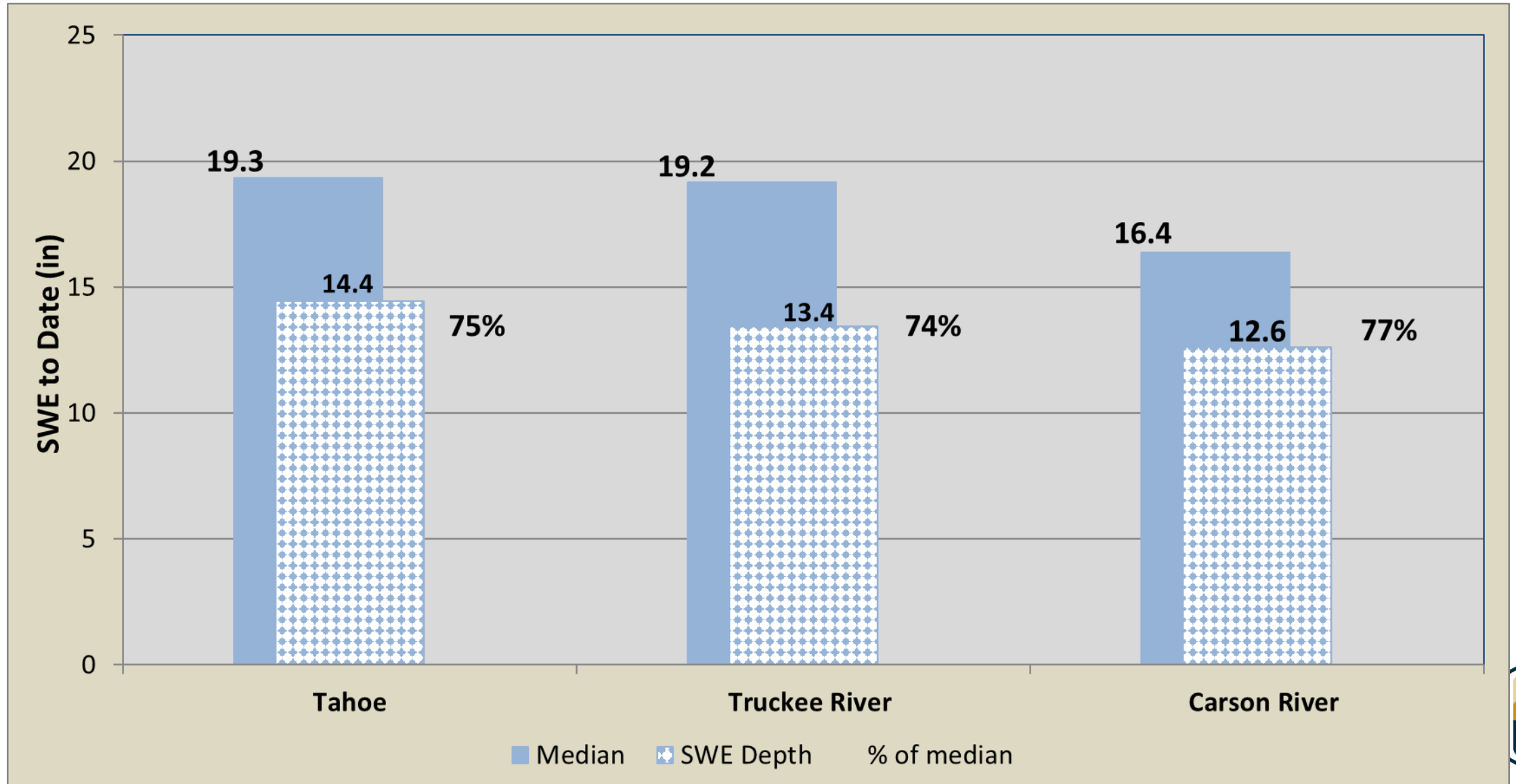
WY 2021 Outlook



Current WY Precipitation To Date

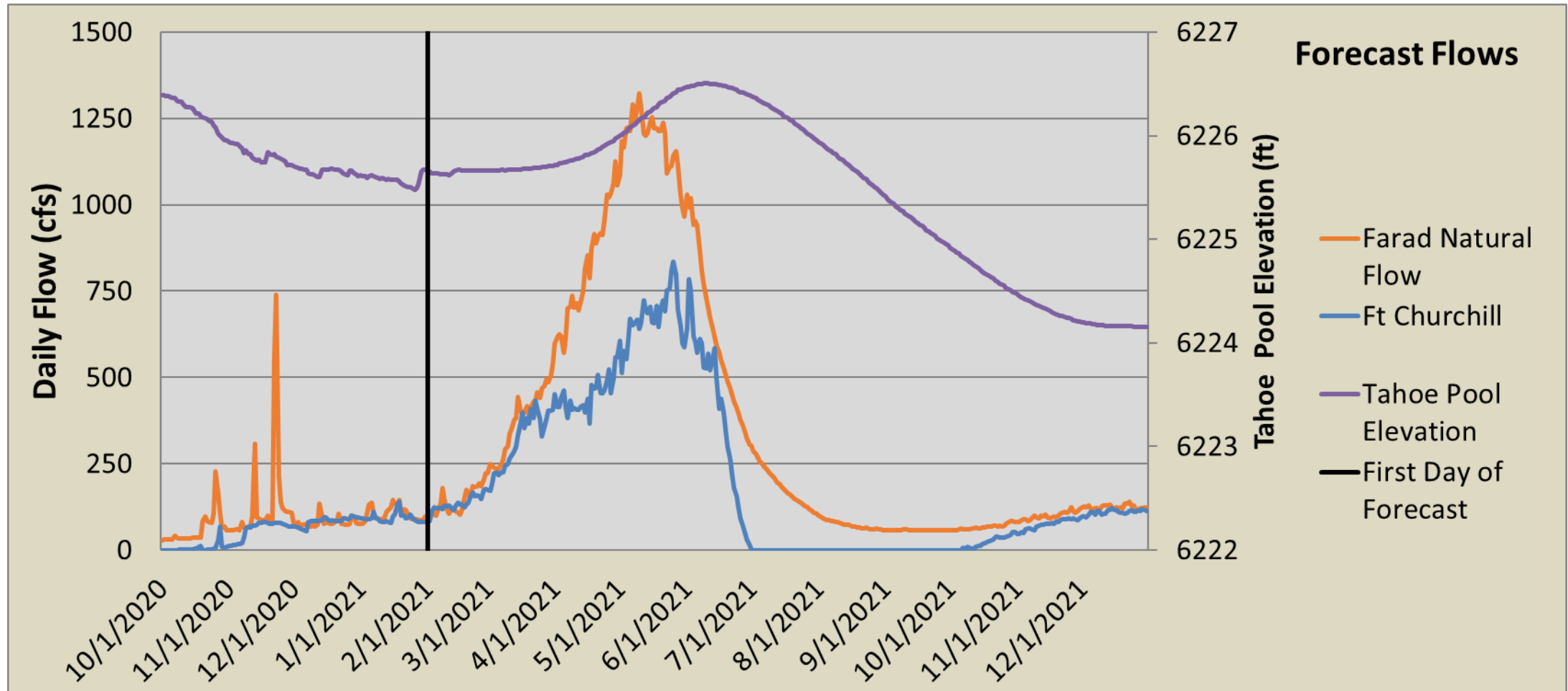


Current Snowpack

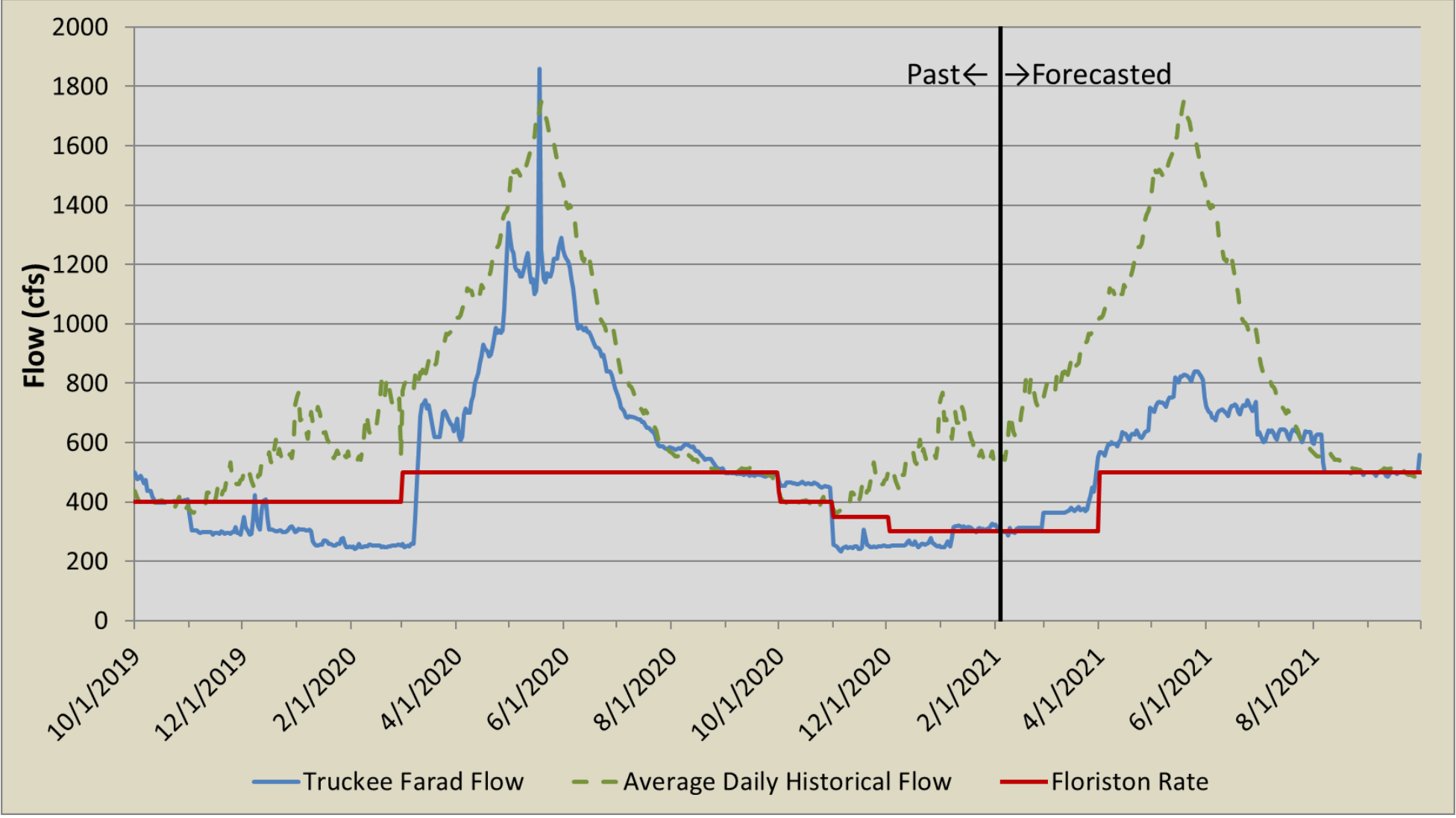


WY 2020 Feb 1 NRCs Forecast - Hydrograph

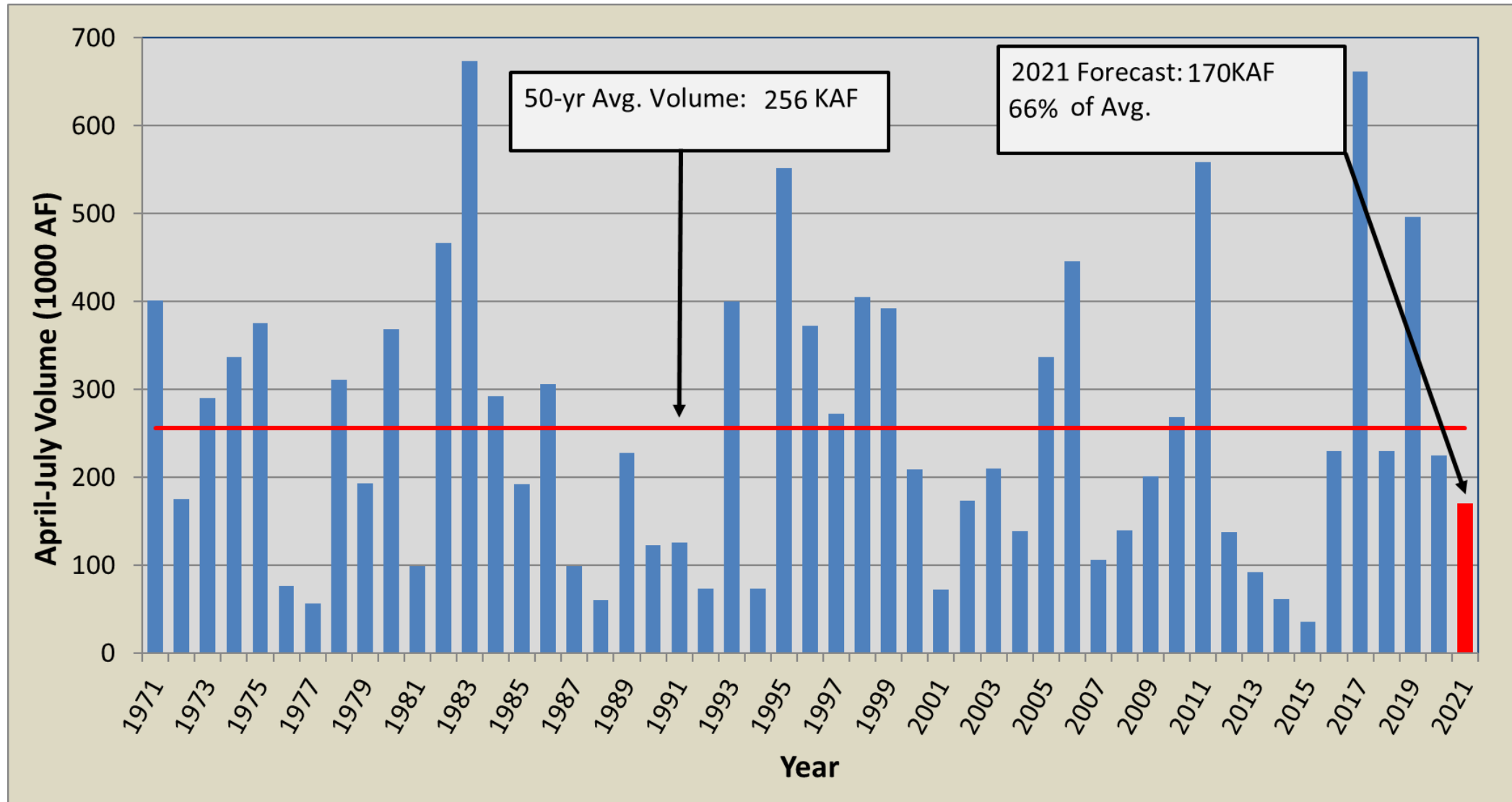
	Farad AJ Vol (KAF)	Carson AJ Vol (KAF)	Tahoe Gate Closed Rise (ft.)
30% (W)	211	139	1.24
50% (M)	170	92	0.90
70% (D)	119	58	0.59



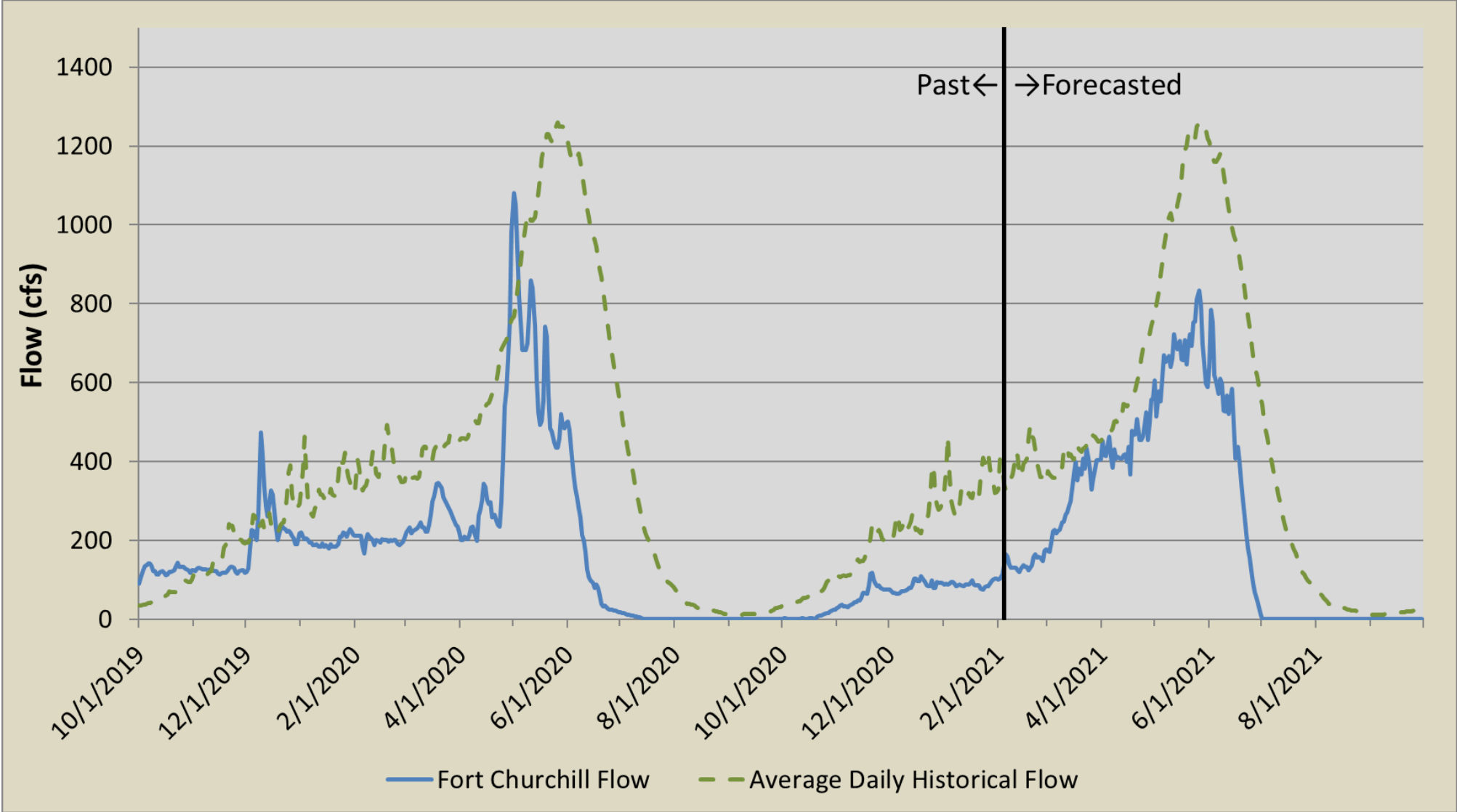
Average, Historic & Forecasted Farad Flow



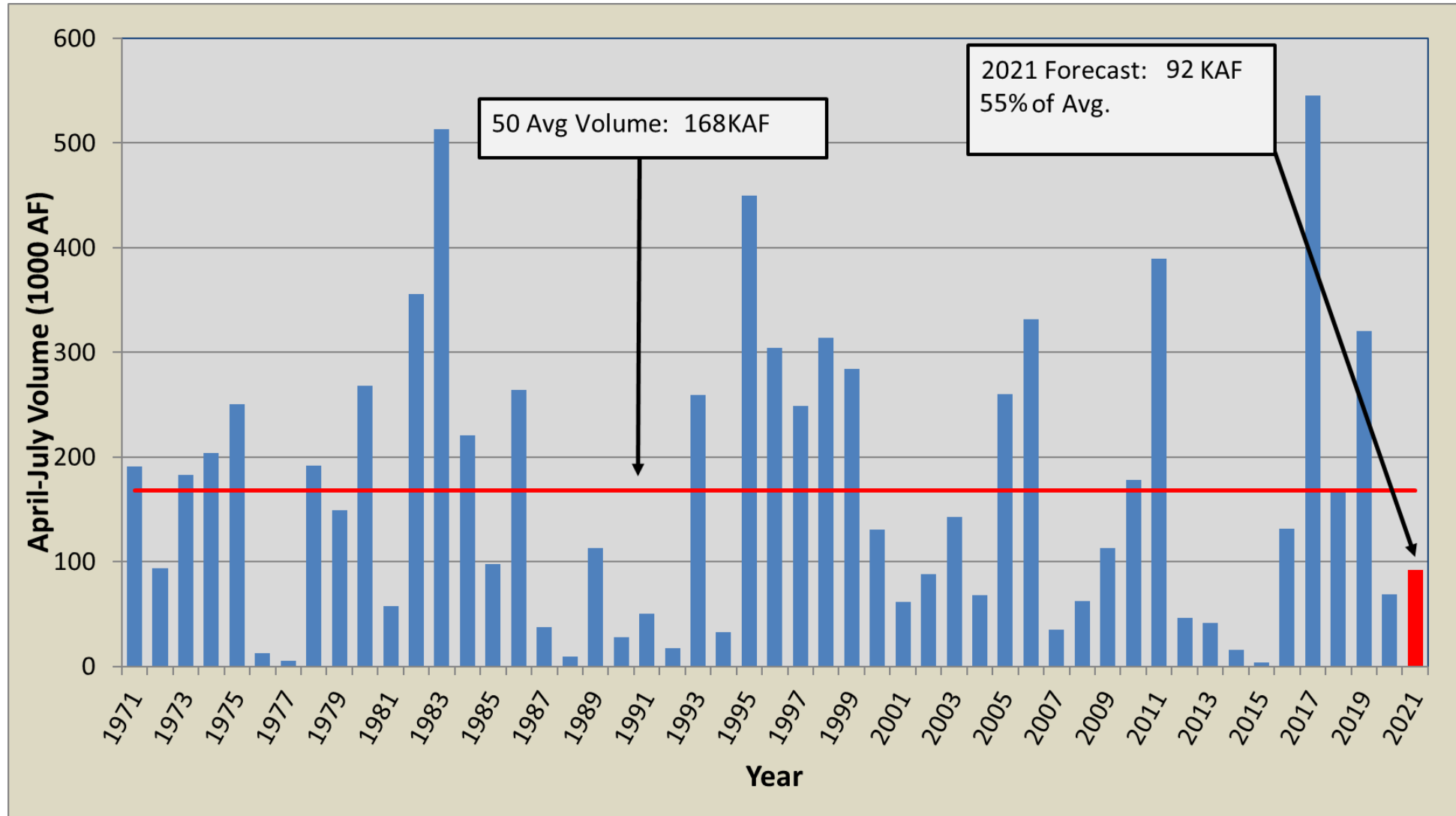
Historical & Forecasted A-J Runoff – Farad



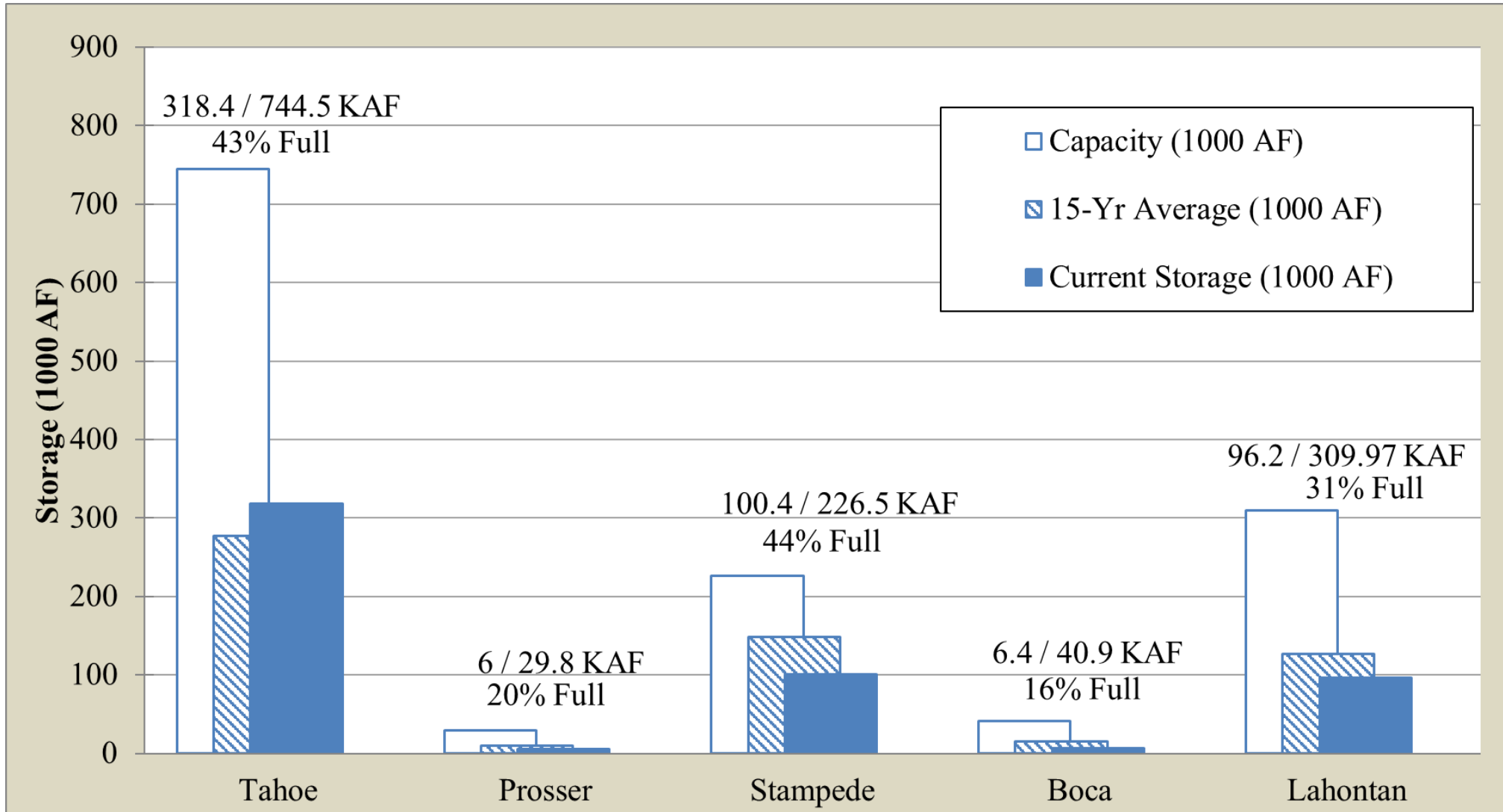
Average & Forecasted Ft. Churchill Flow



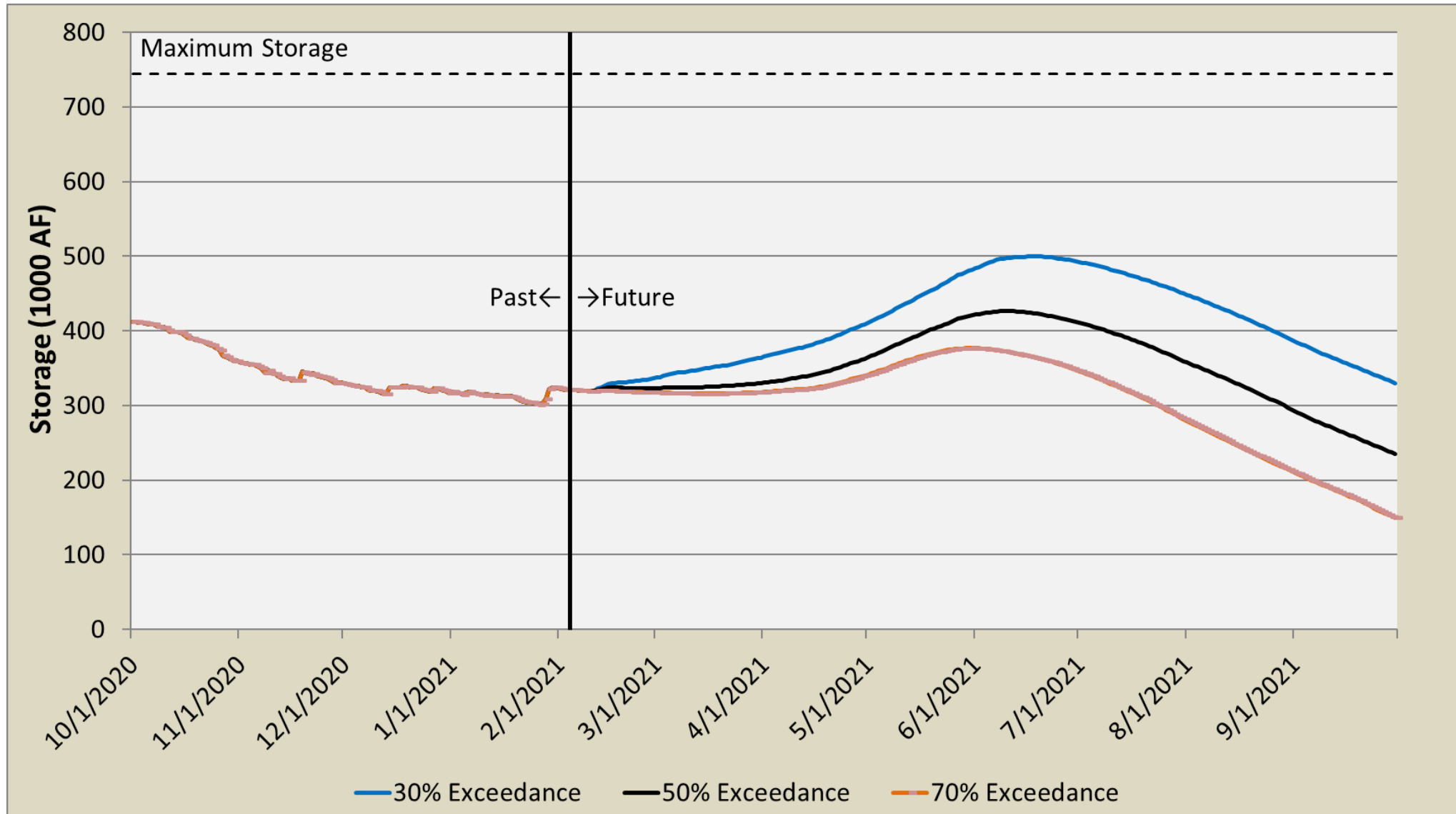
Historical & Forecasted A-J Runoff–Ft Churchill



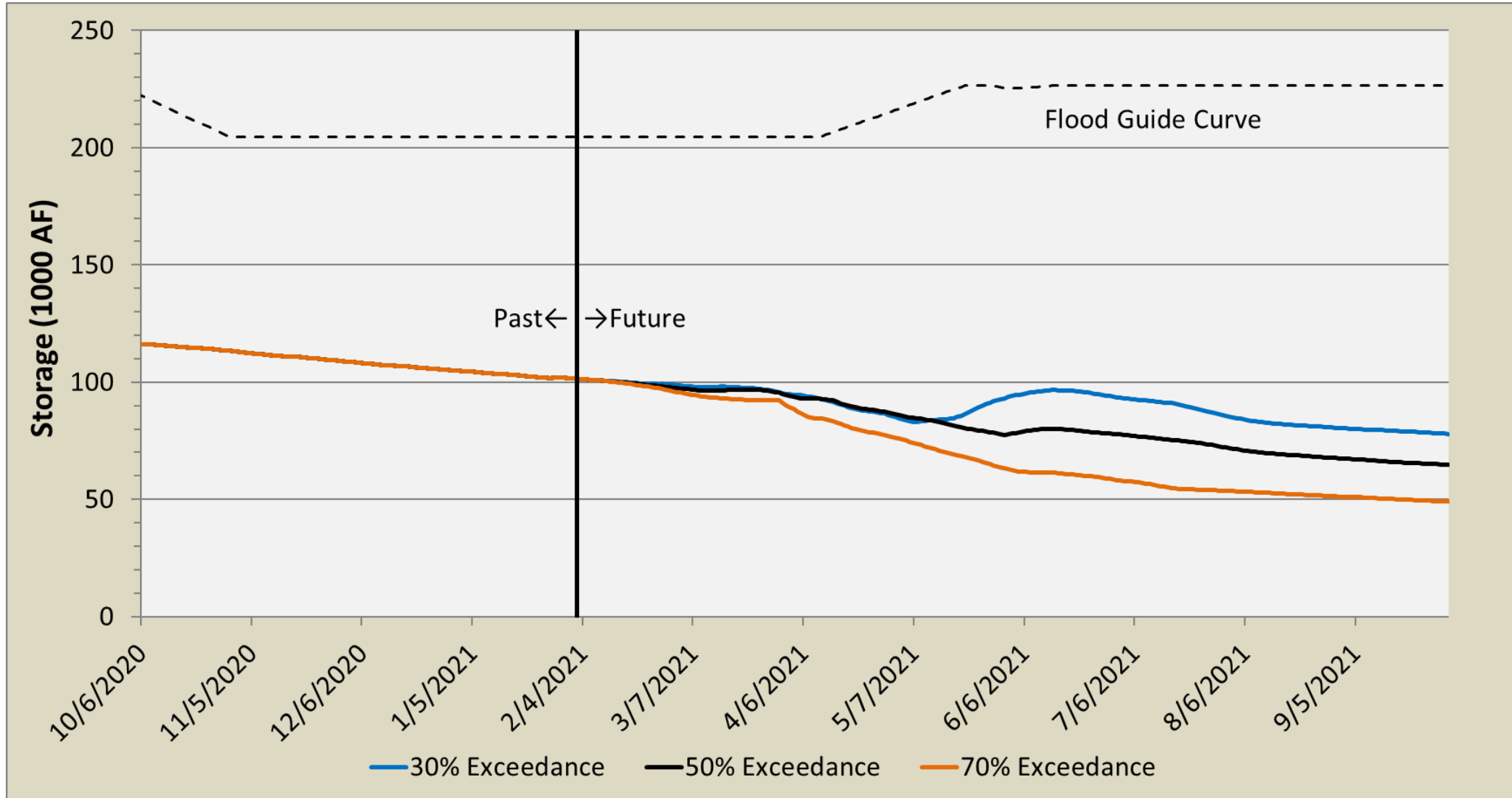
Current Reservoir Storage



Lake Tahoe Storage Forecast

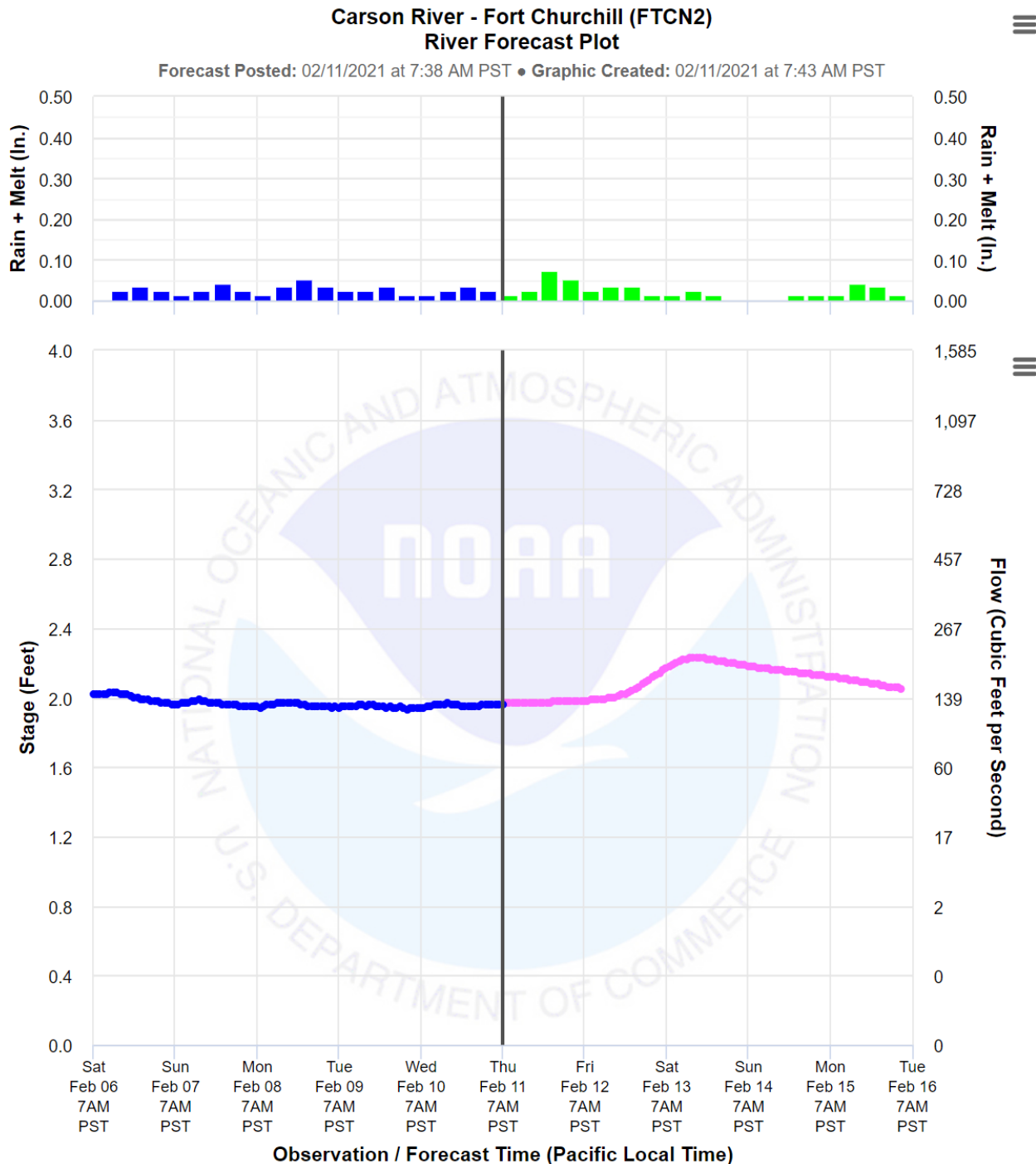


Stampede Reservoir Storage Forecast

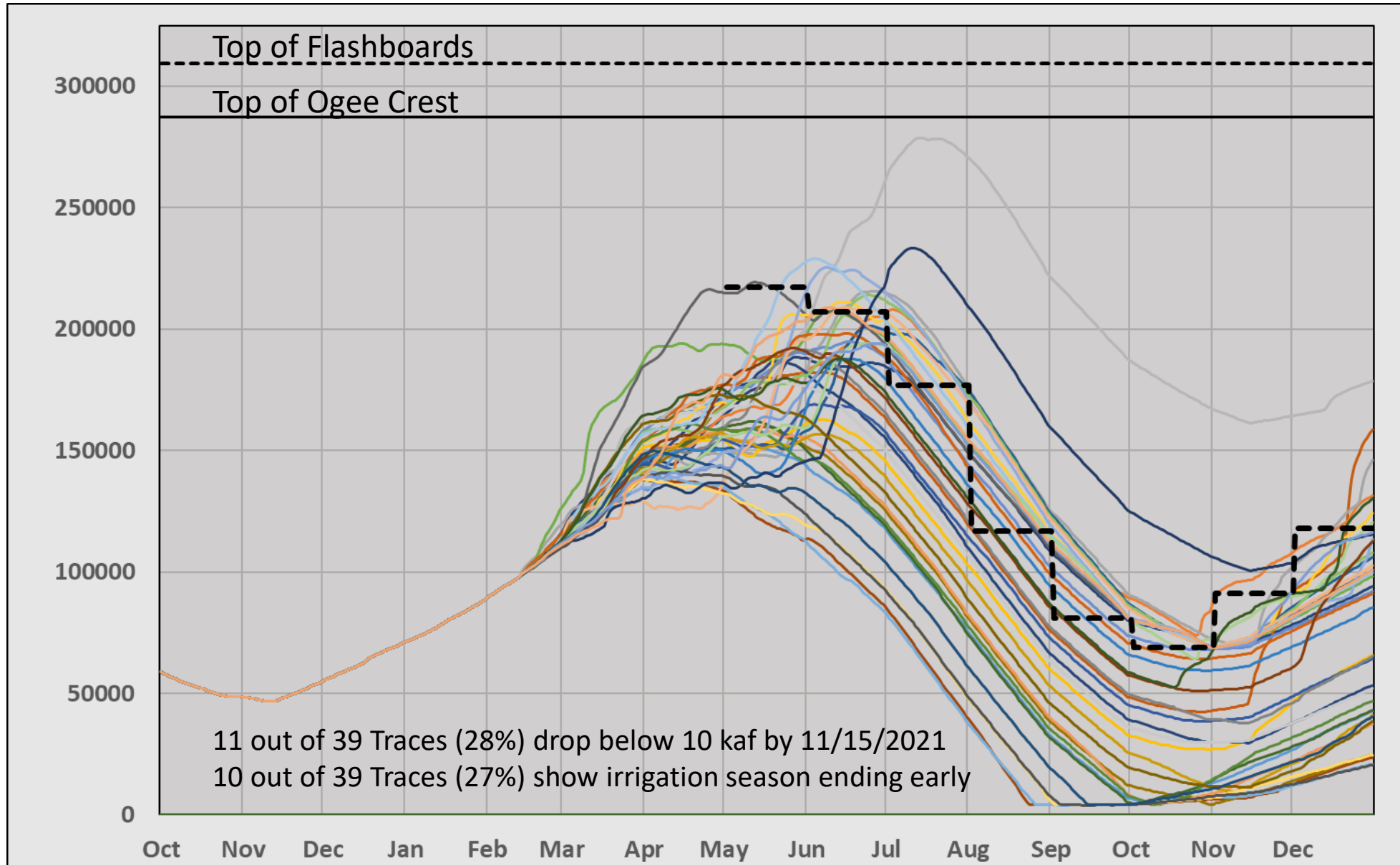


Forecasted Lahontan Inflows

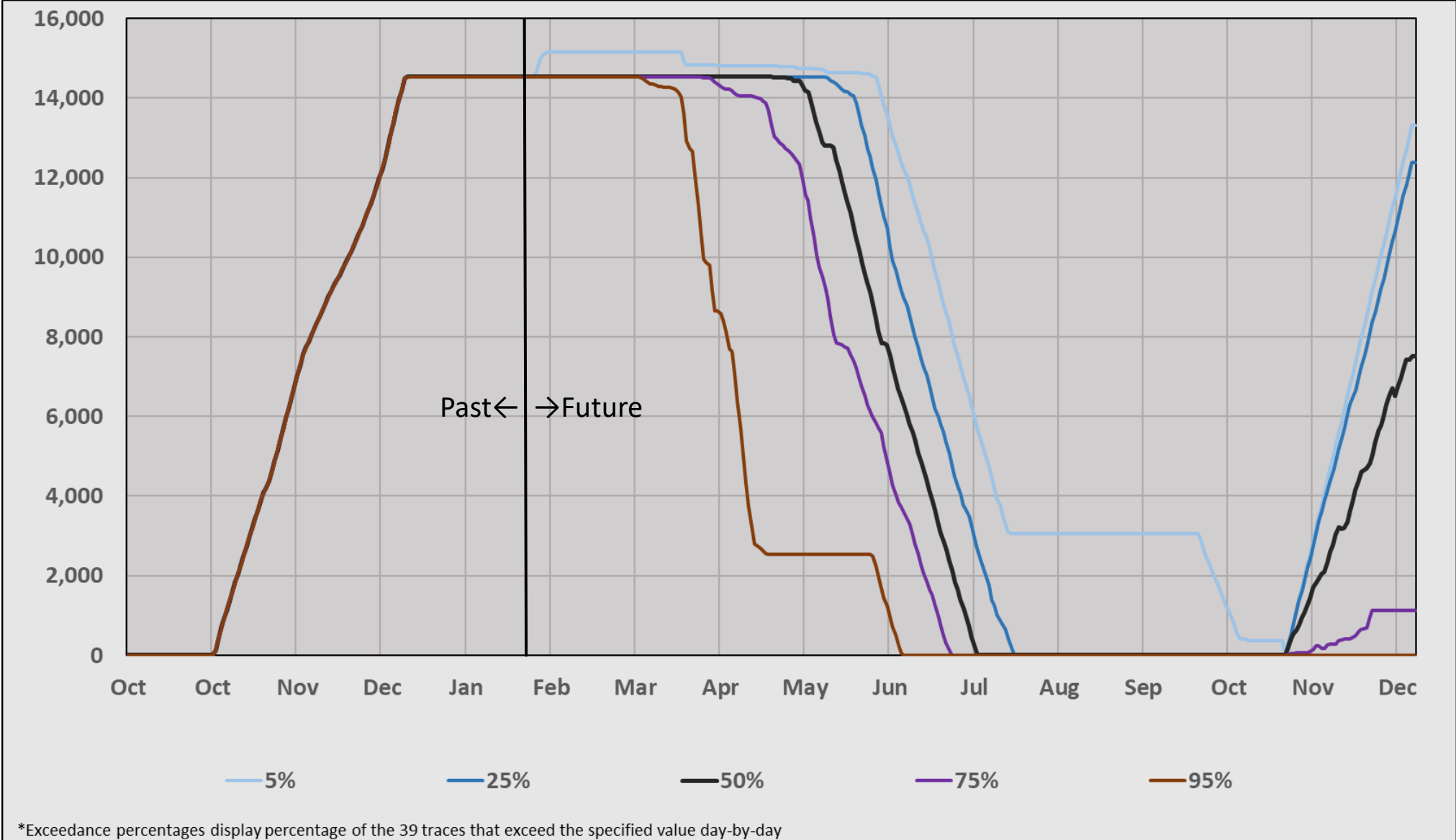
Ft. Churchill Inflows = 135 cfs
 Lahontan Reservoir = 97,000 AF



Lahontan Reservoir Storage Forecast



Newlands Project Credit Water



*Exceedance percentages display percentage of the 39 traces that exceed the specified value day-by-day

Projected Lahontan Operations

- Diversions from the Truckee River to Lahontan are expected all year
- Lahontan does not fill in any of the 39 RFC traces
- Water supply is less than demand in 27% of the RFC traces





End!

Comments or Questions?

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