



— BUREAU OF —
RECLAMATION

Lahontan Basin Area Office Water Supply Outlook

April 2021

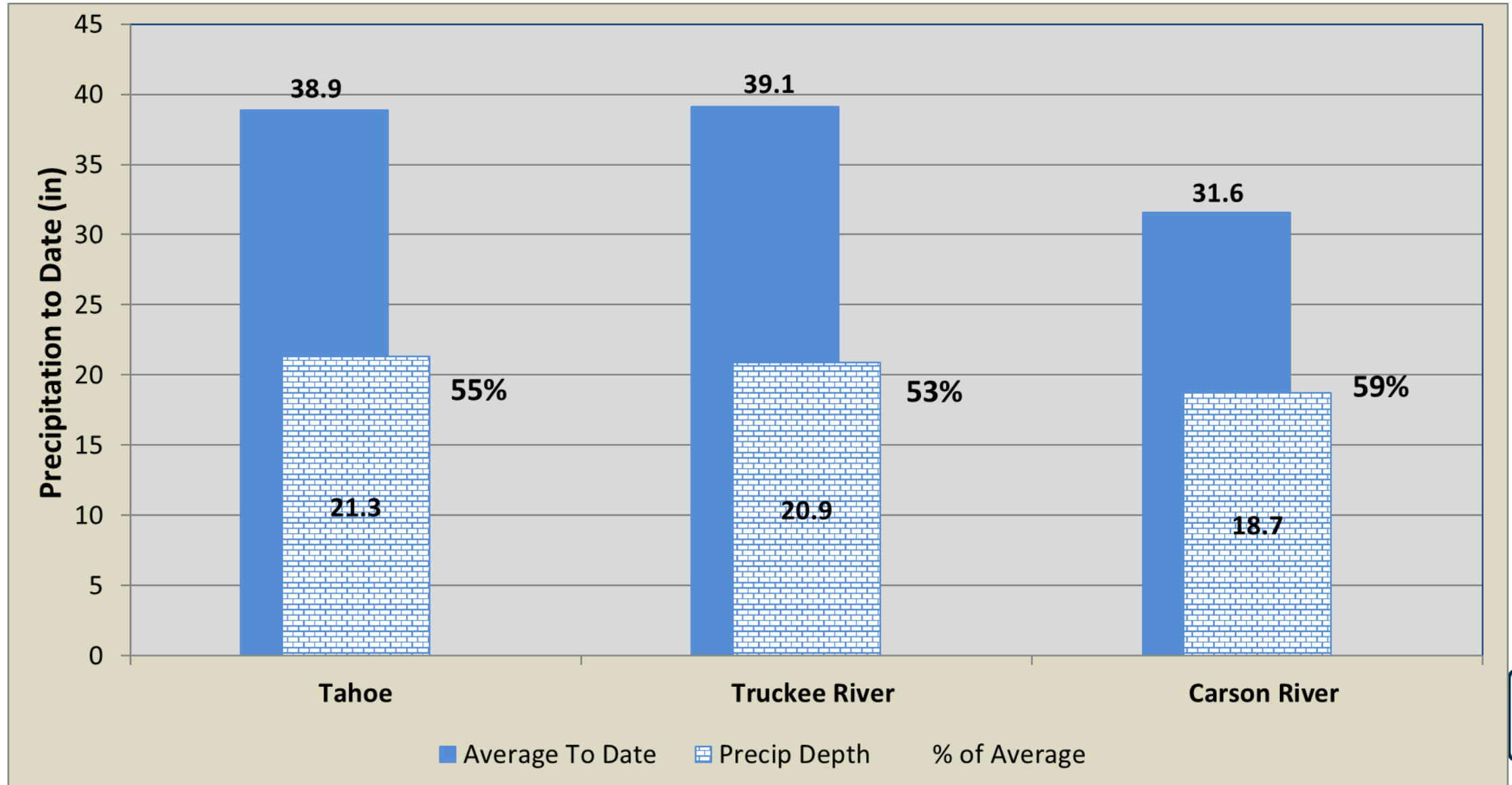
Presented by Scott Fennema

Topics

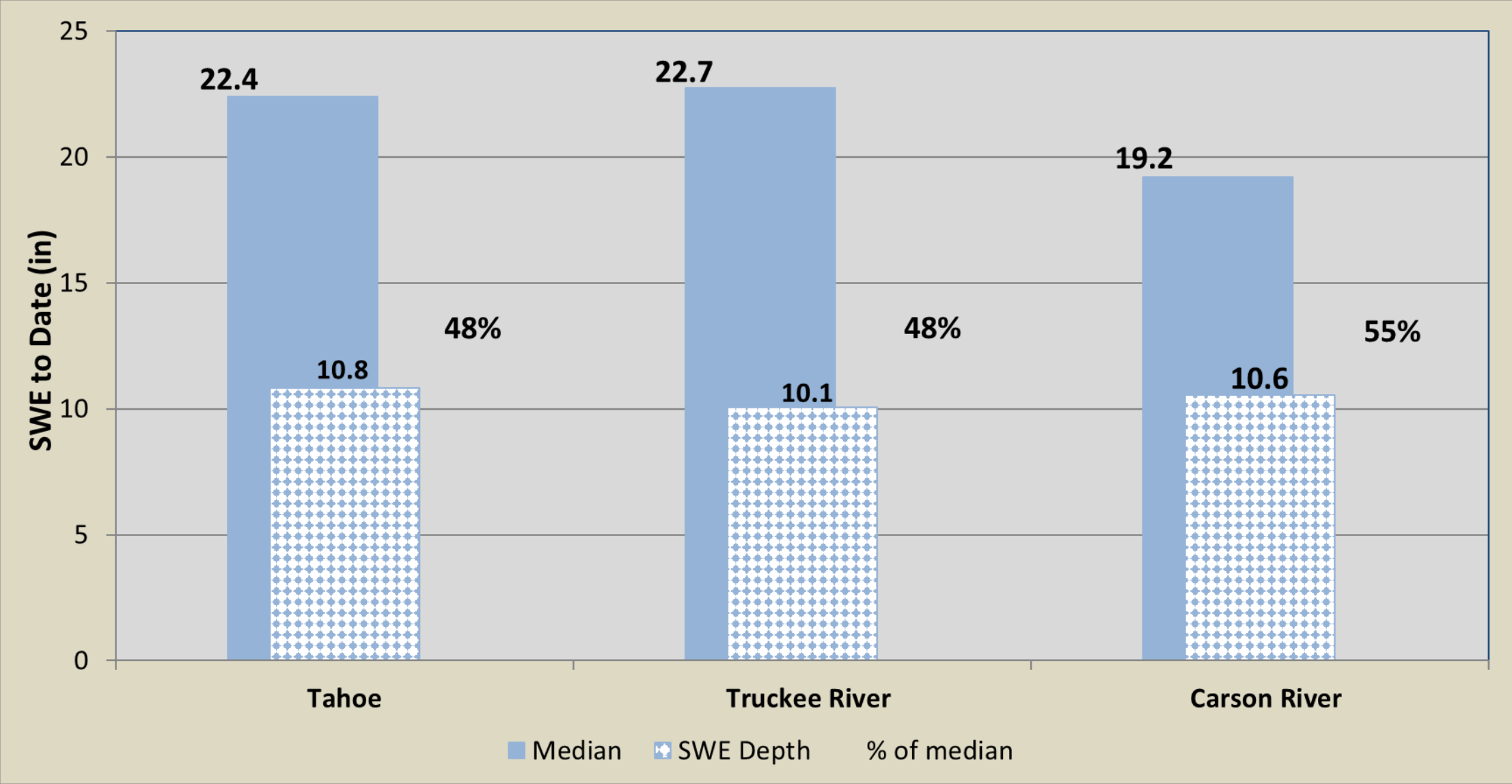
- **Water Year 2021 Outlook**
 - **Current Conditions**
 - **NRCS Forecasted Data**
 - **Forecasted Truckee and Carson Basin Operations**



Current WY Precipitation To Date

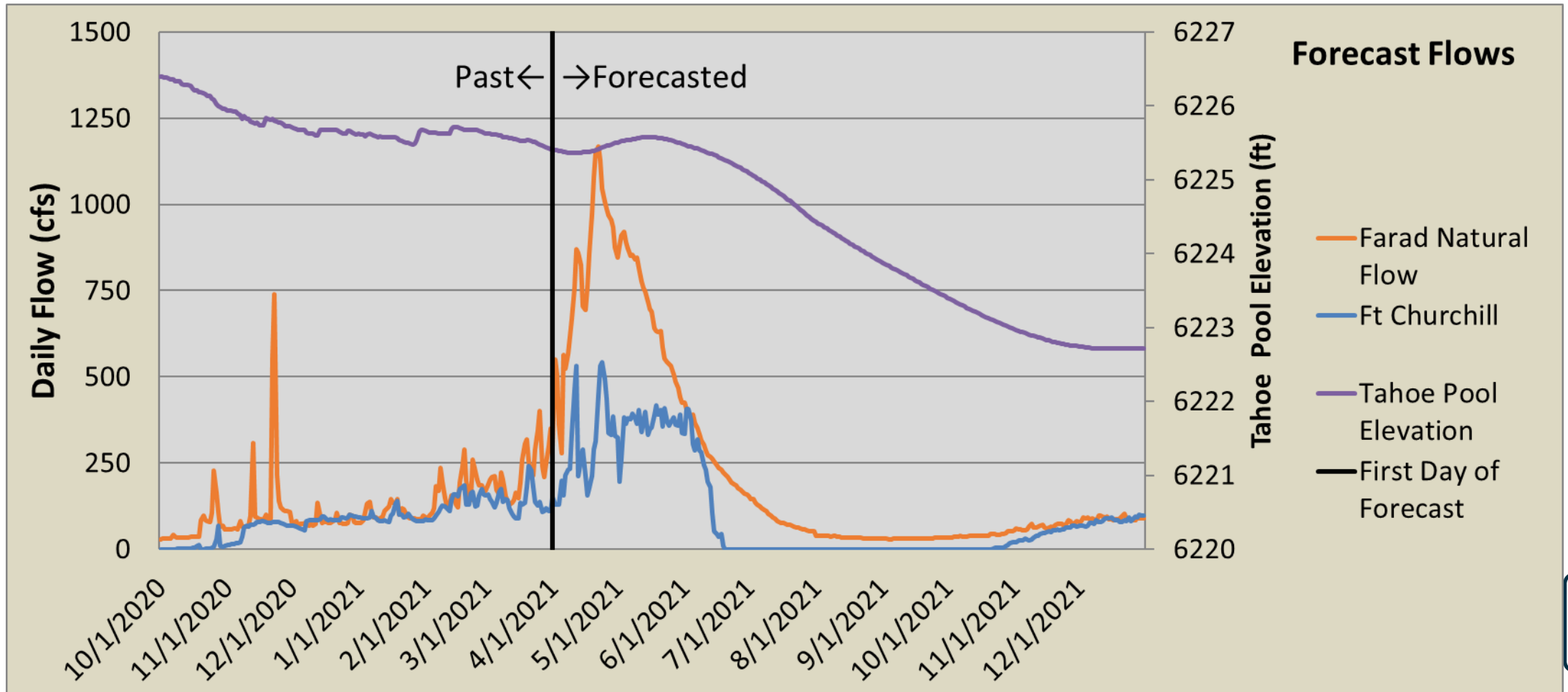


Current Snowpack

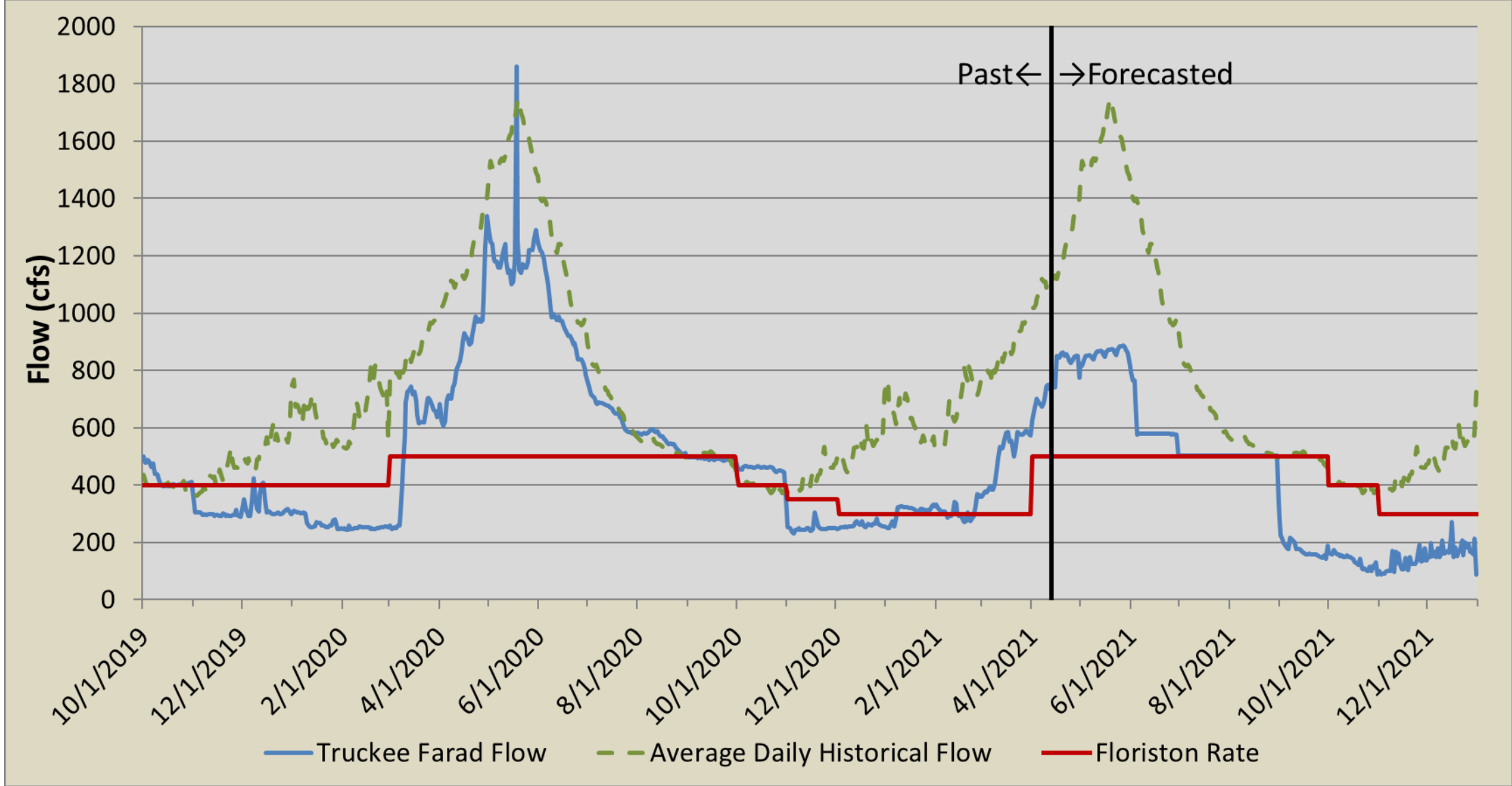


WY 2021 Apr 1 NRCS Forecast - Hydrograph

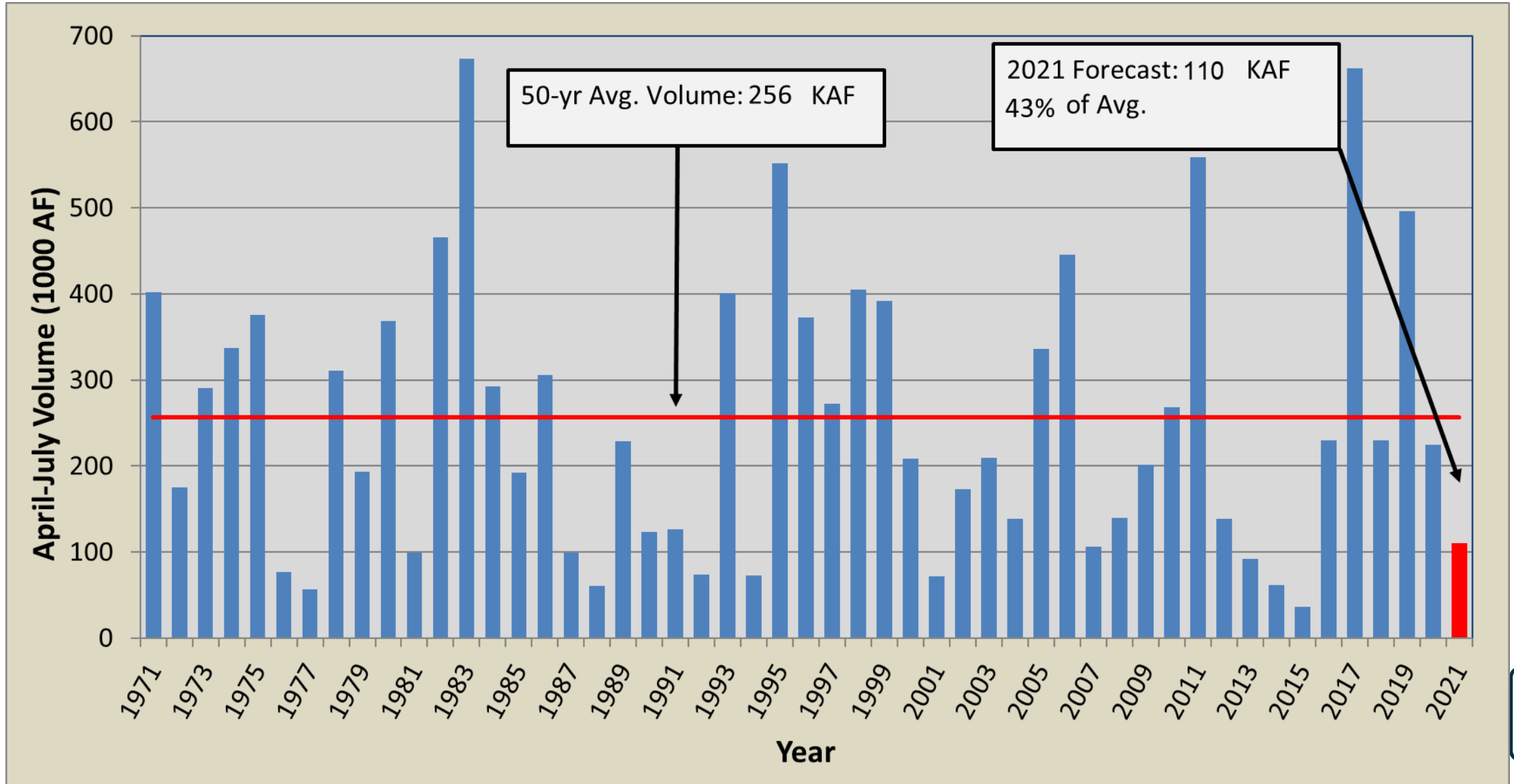
	Farad AJ Vol (KAF)	Carson AJ Vol (KAF)	Tahoe Gate Closed Rise (ft.)
30% (W)	134	58	0.68
50% (M)	110	45	0.50
70% (D)	86	34	0.32



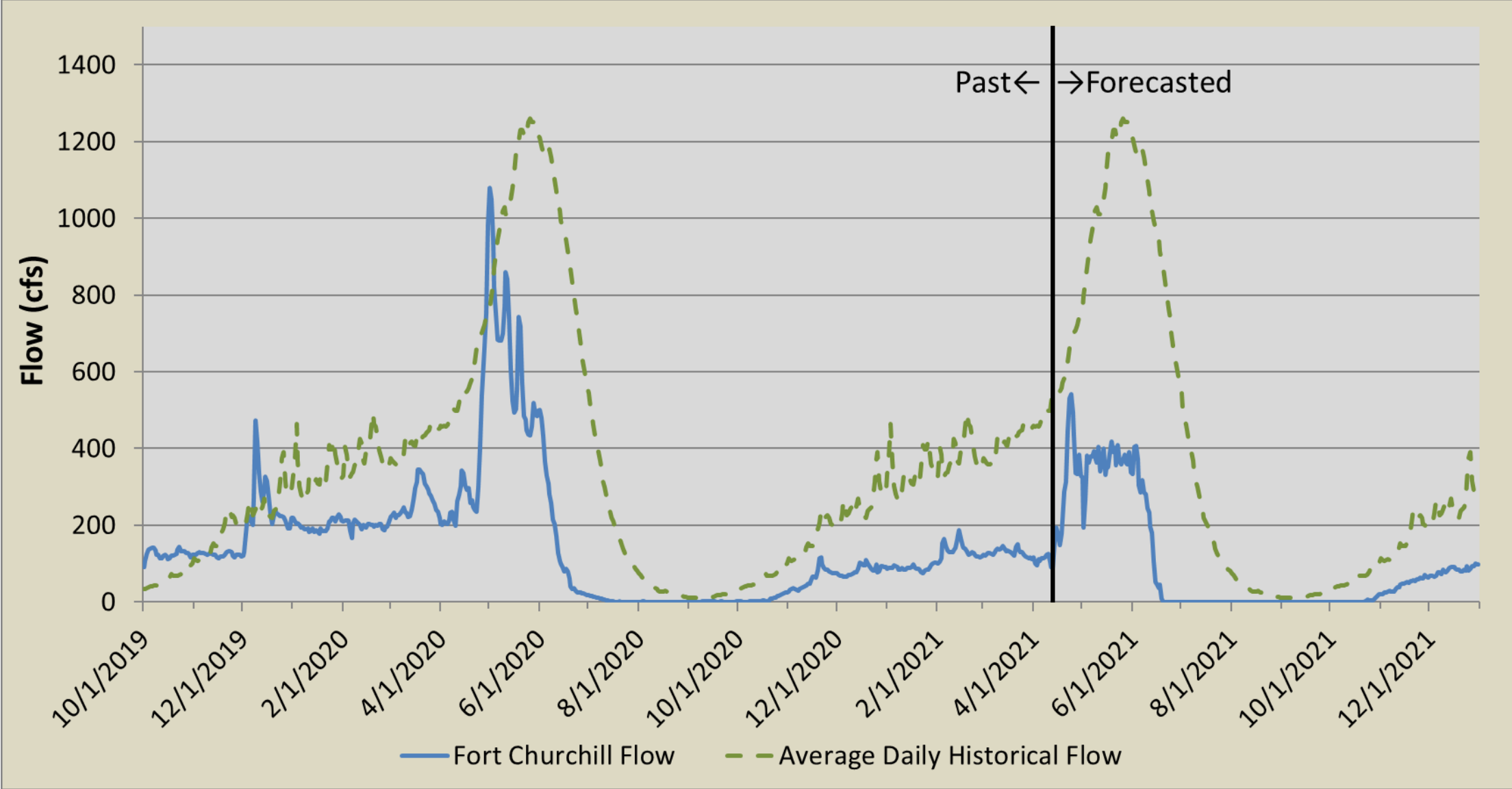
Average, Historic & Forecasted Farad Flow



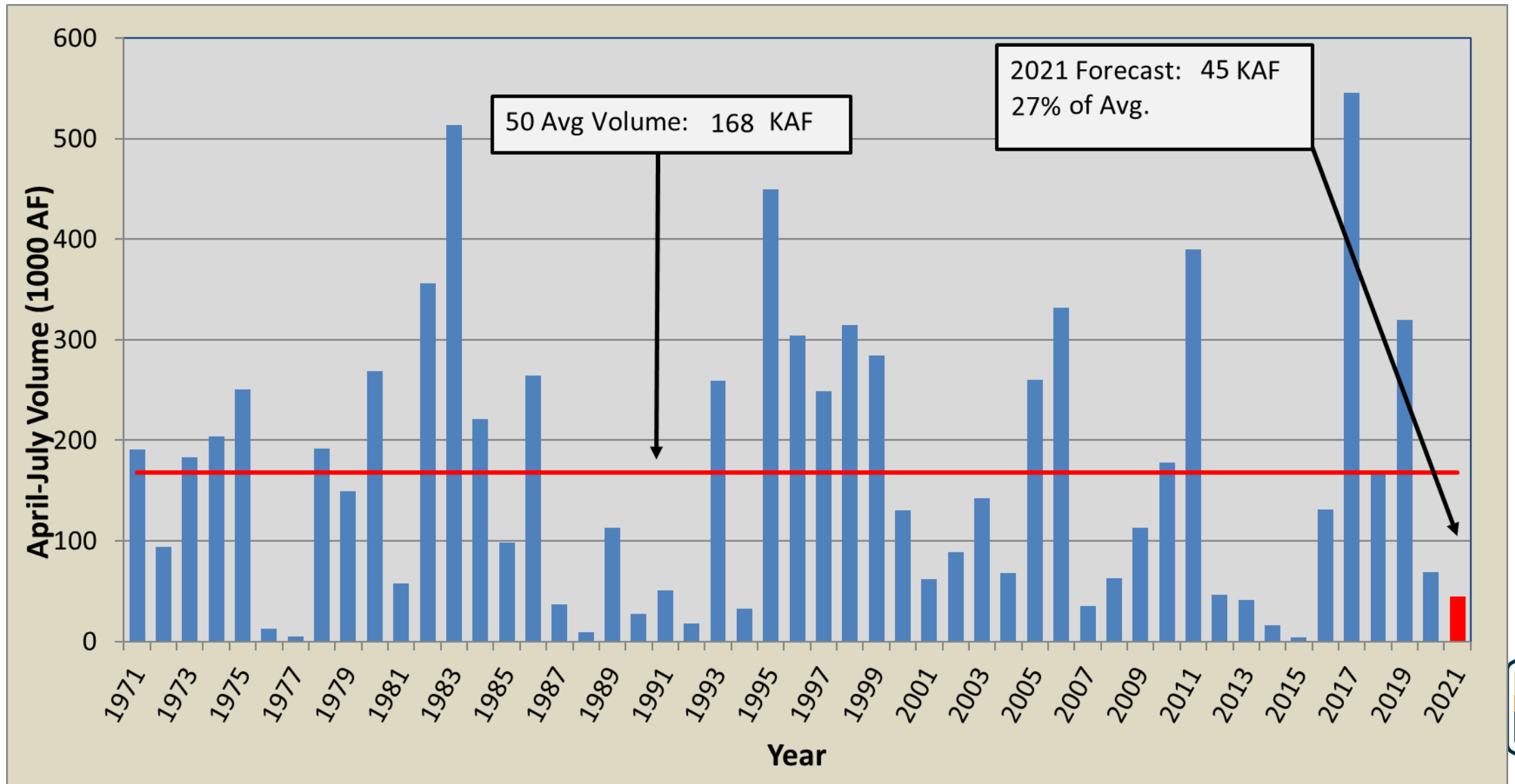
Historical & Forecasted A-J Runoff – Farad



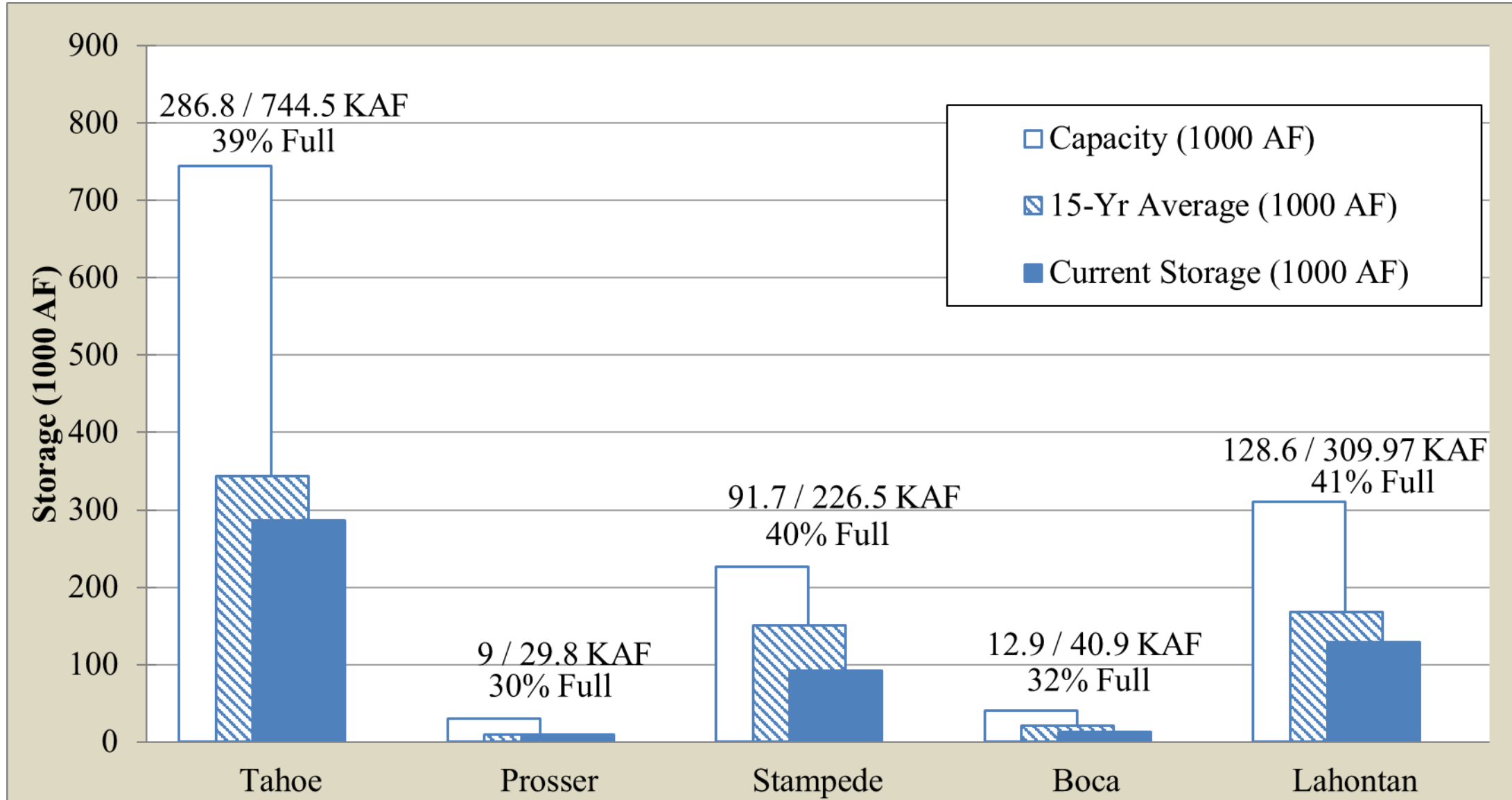
Average & Forecasted Ft. Churchill Flow



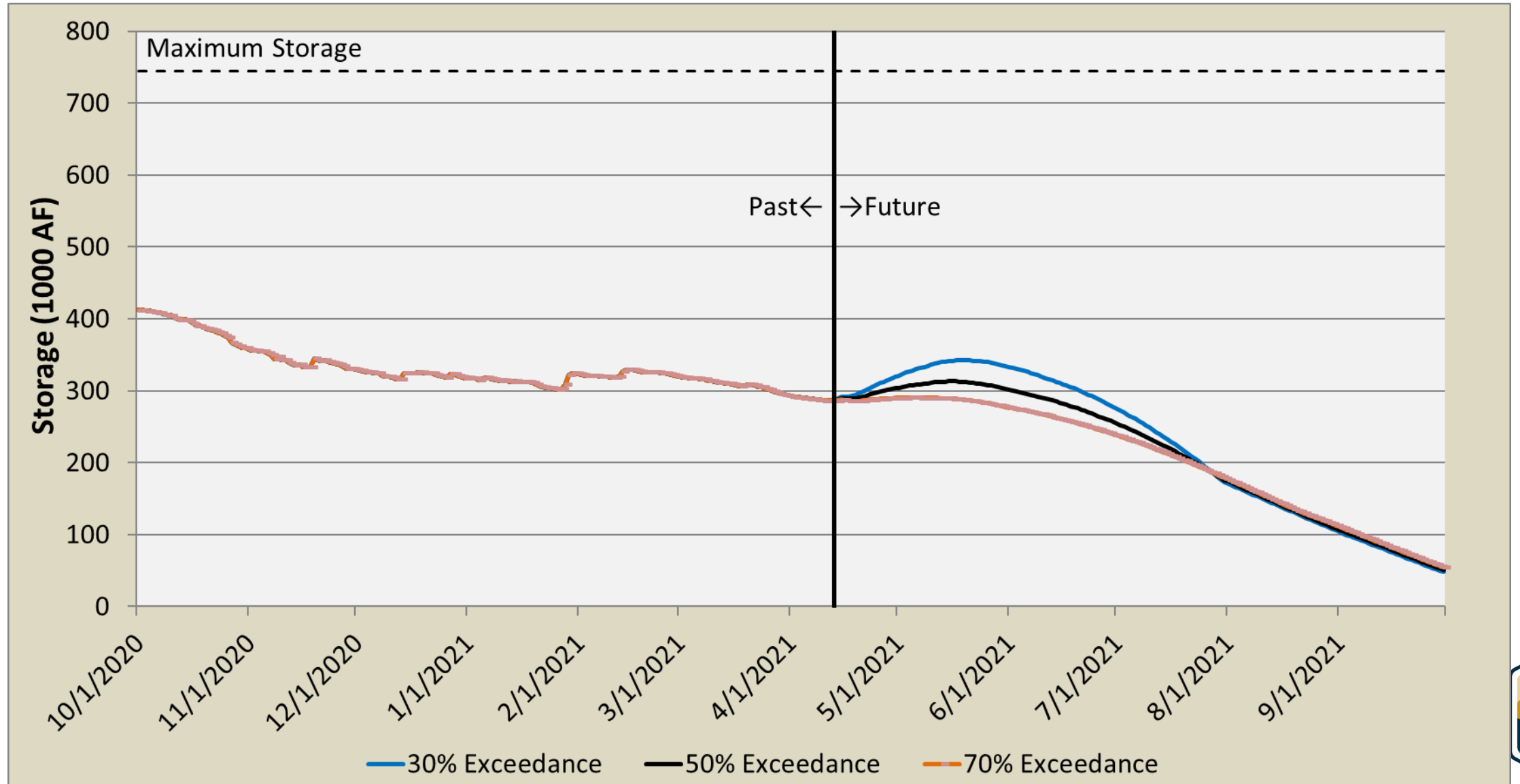
Historical & Forecasted A-J Runoff–Ft Churchill



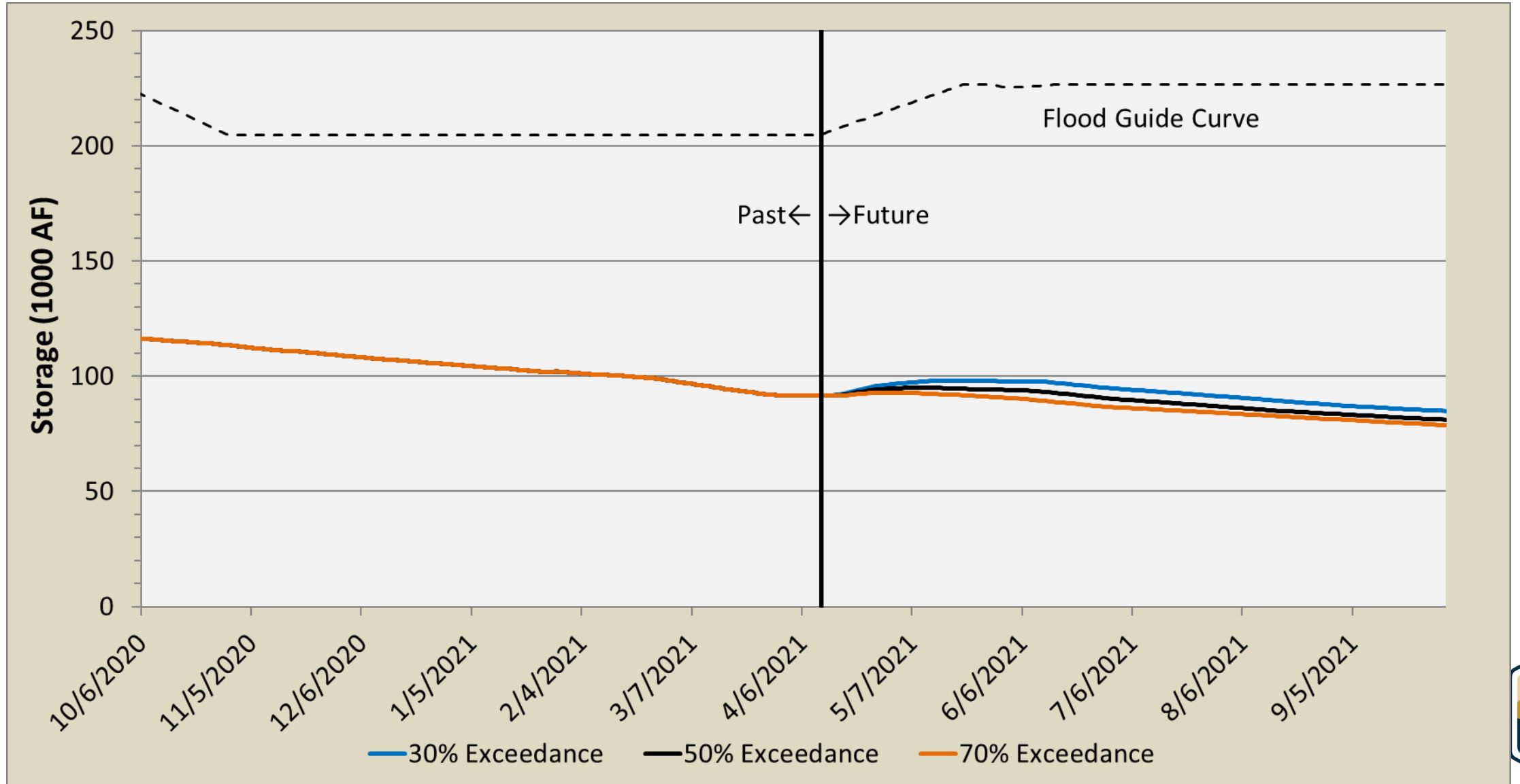
Current Reservoir Storage



Lake Tahoe Storage Forecast

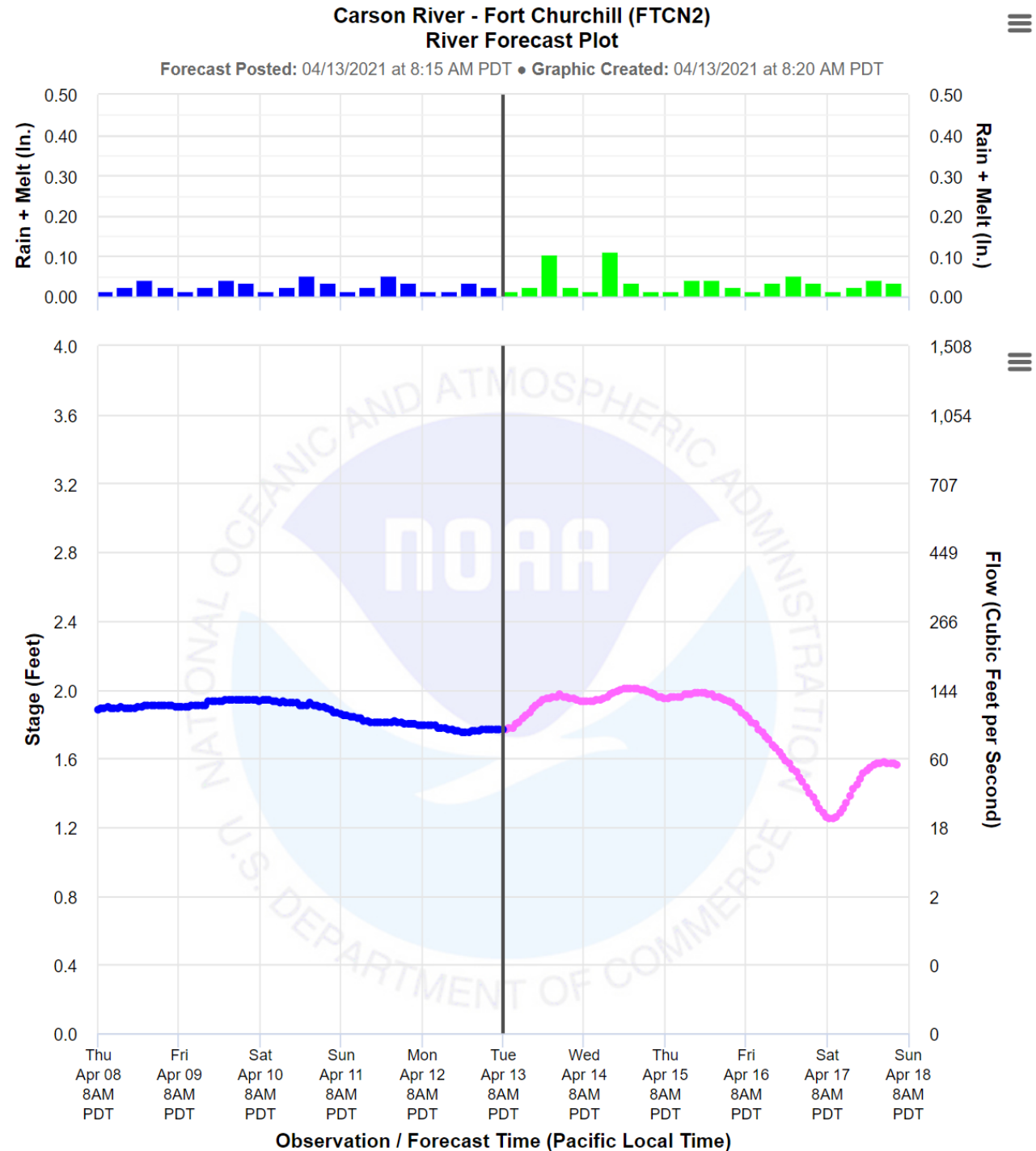


Stampede Reservoir Storage Forecast

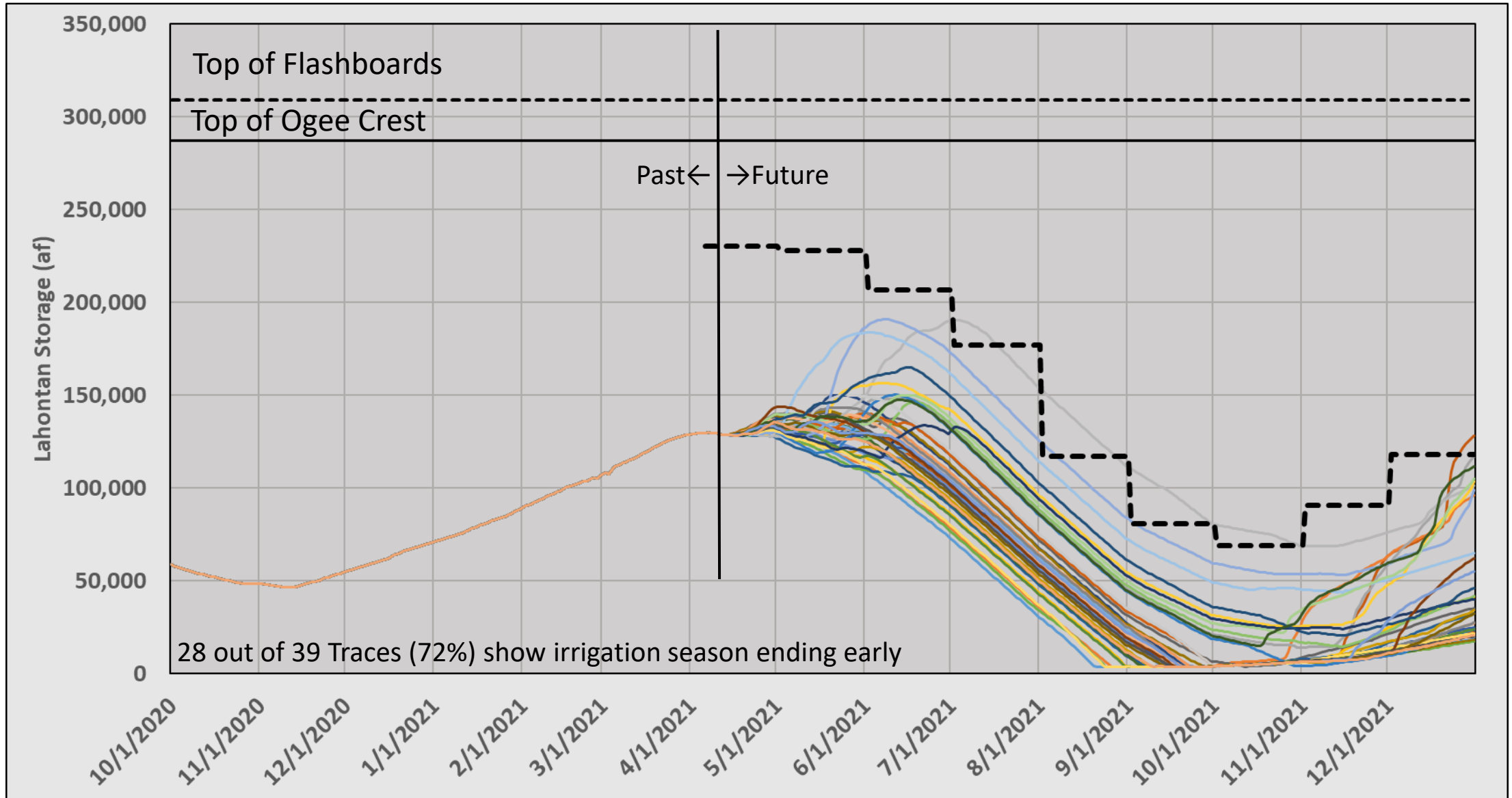


Forecasted Lahontan Inflows

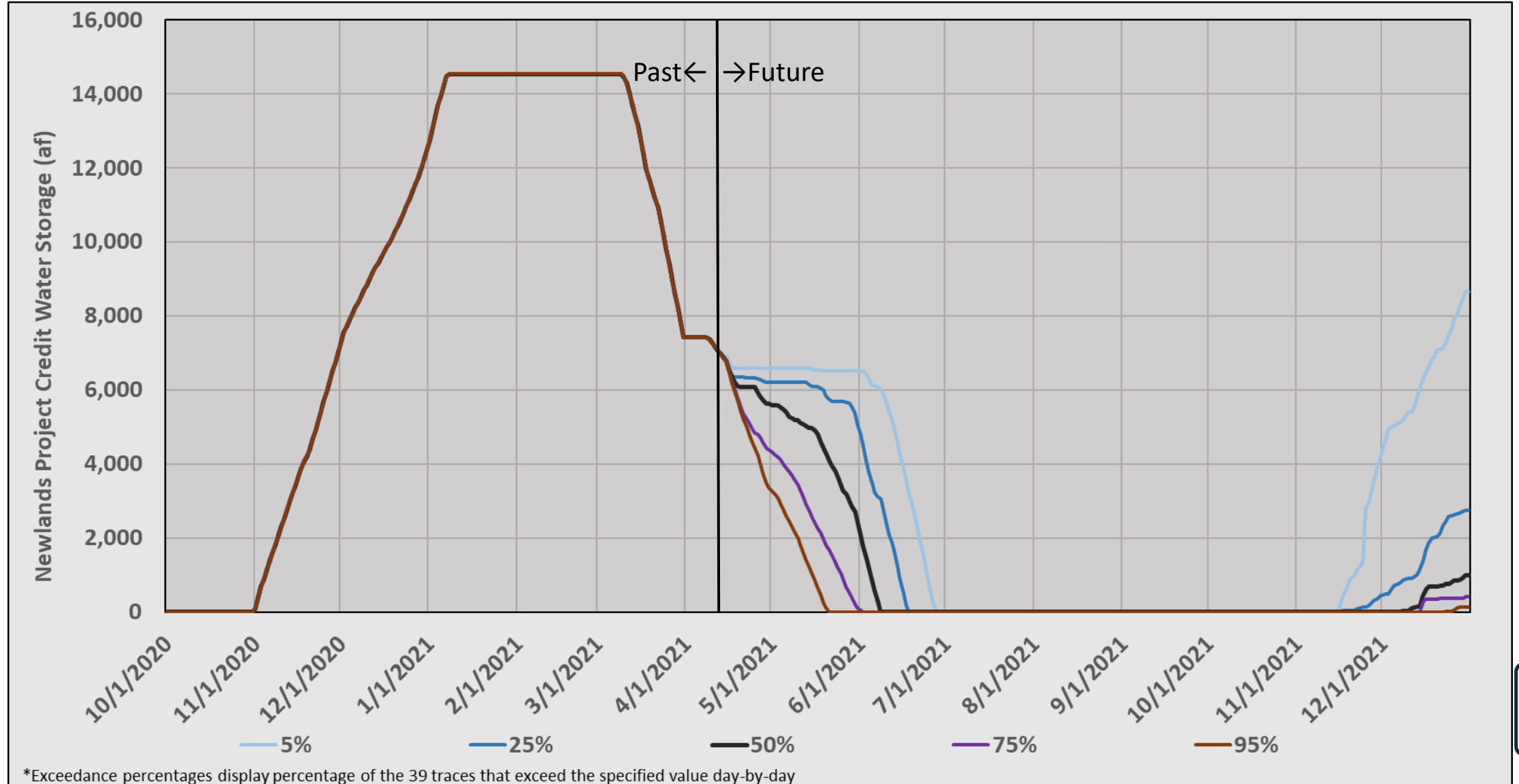
Ft. Churchill Inflows = 120 cfs
 Lahontan Reservoir = 127,700 AF



Lahontan Reservoir Storage Forecast



NPCW Storage Forecast (af)



Projected Lahontan Operations

- Diversions from the Truckee River to Lahontan are expected all year when water is available
- Lahontan does not fill in any of the 39 RFC traces
- Water supply is less than demand in 72% of the RFC traces





End!

Comments or Questions?

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