

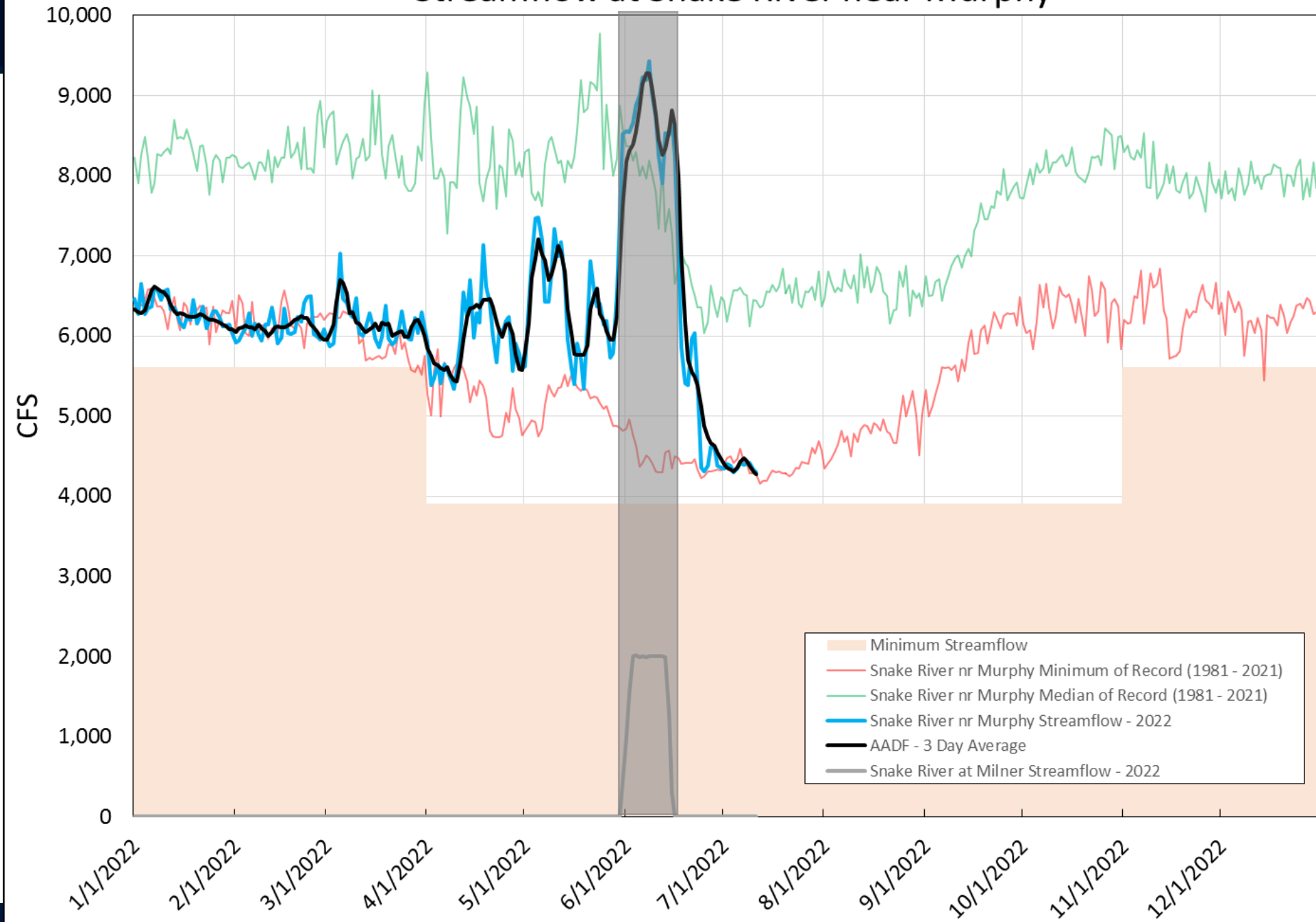
Swan Falls AADF Flow Update

Presented by Ethan Geisler

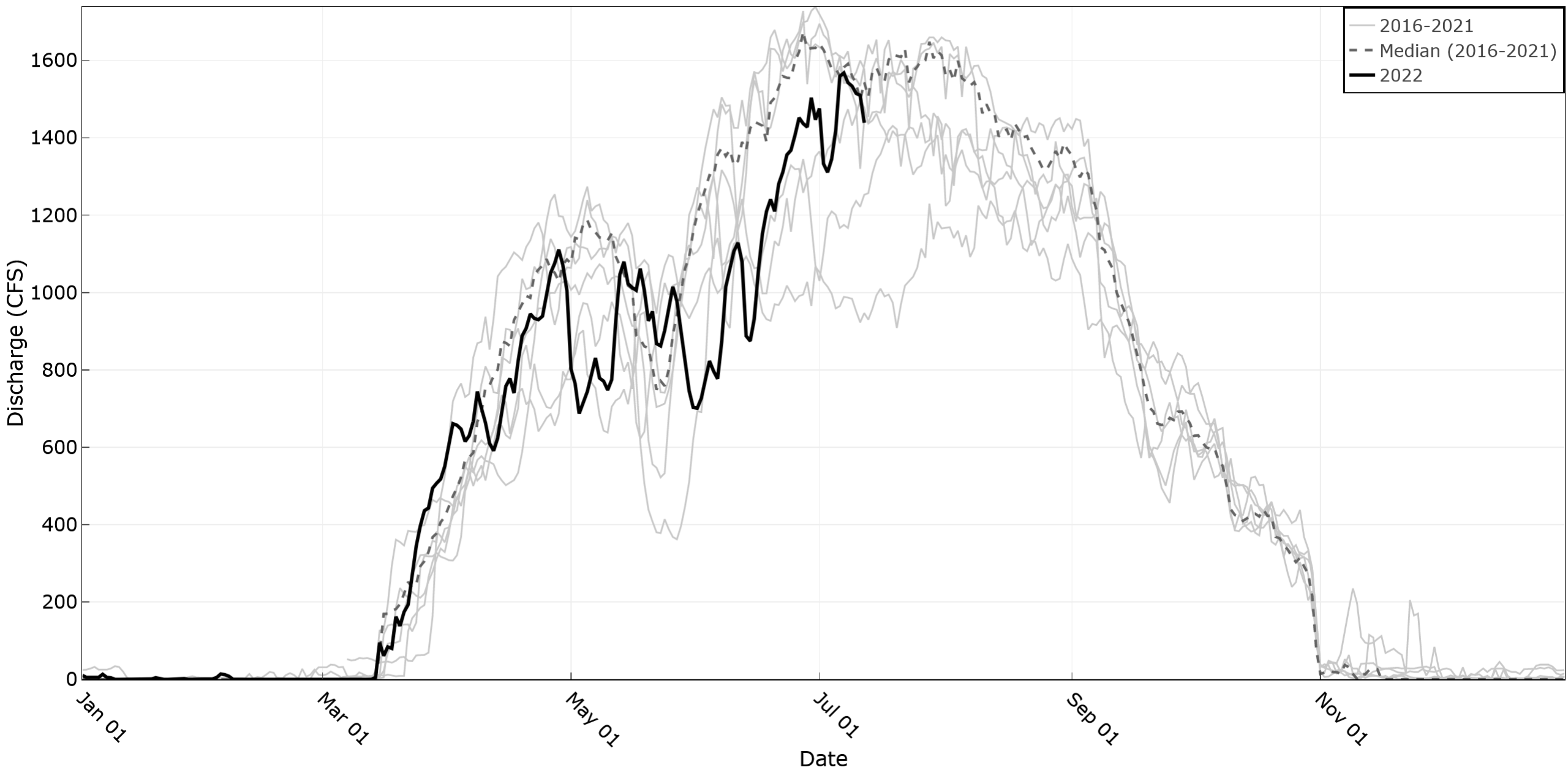
July 12, 2022



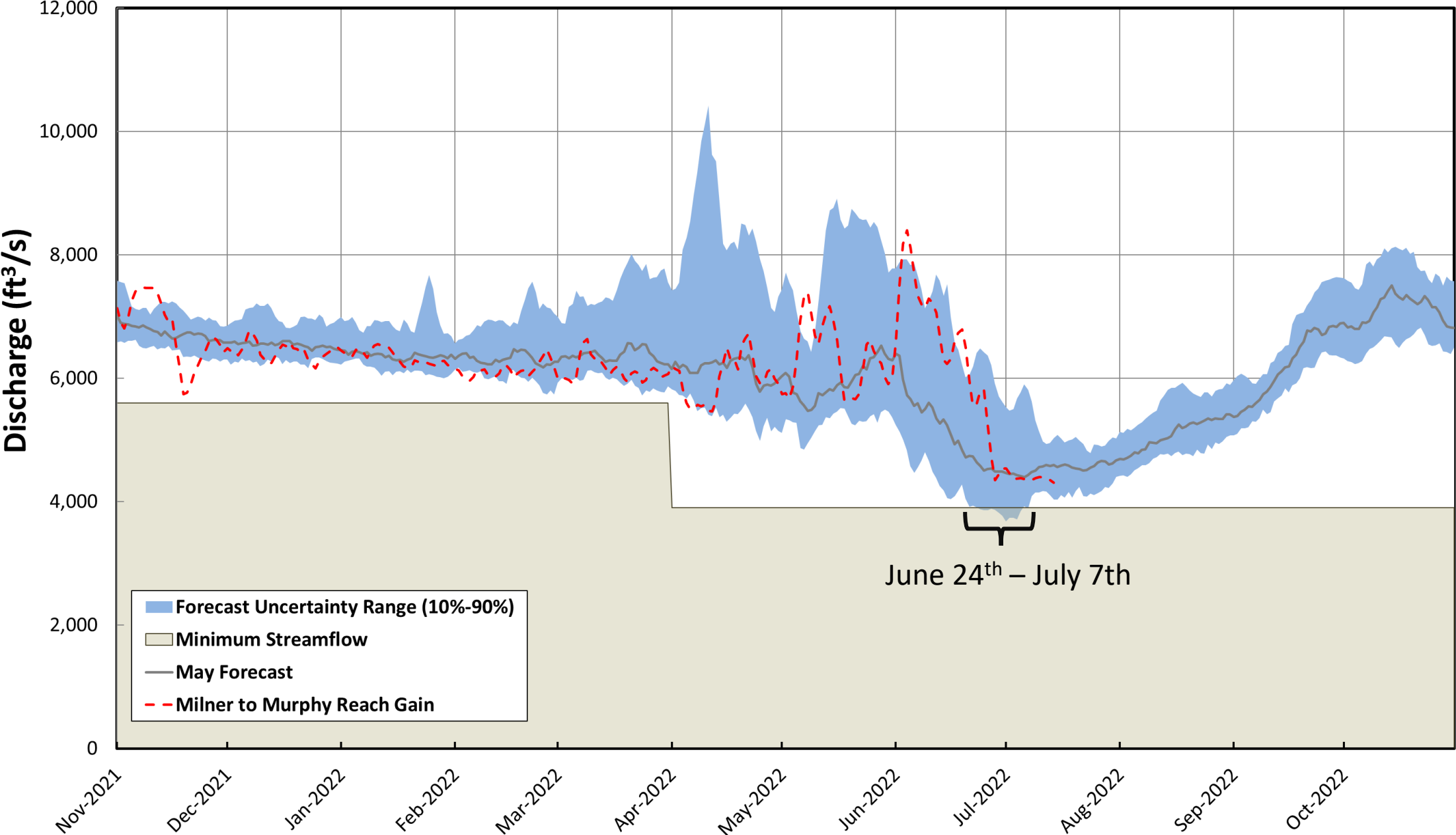
Streamflow at Snake River near Murphy



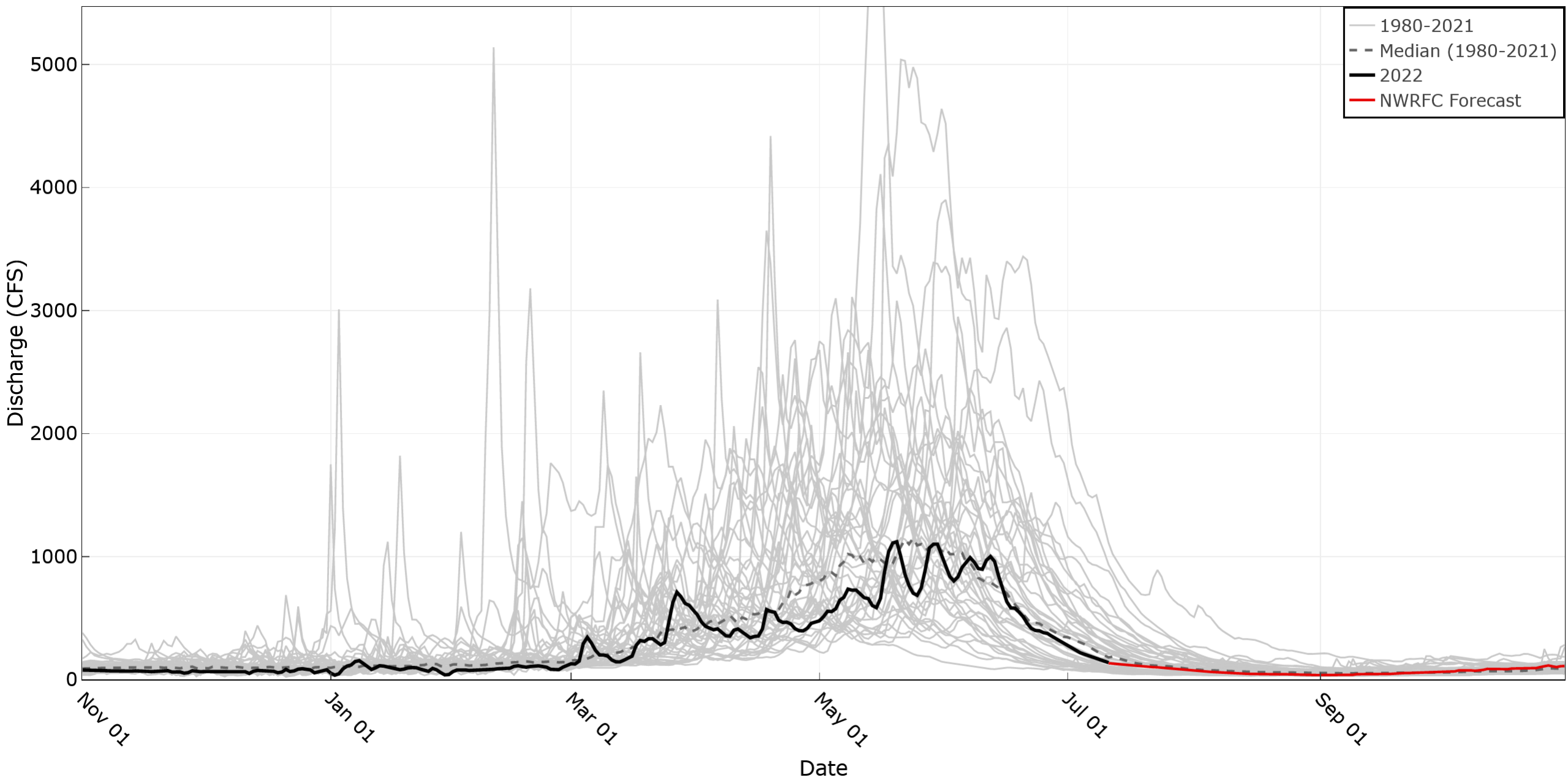
WD02 Diversions



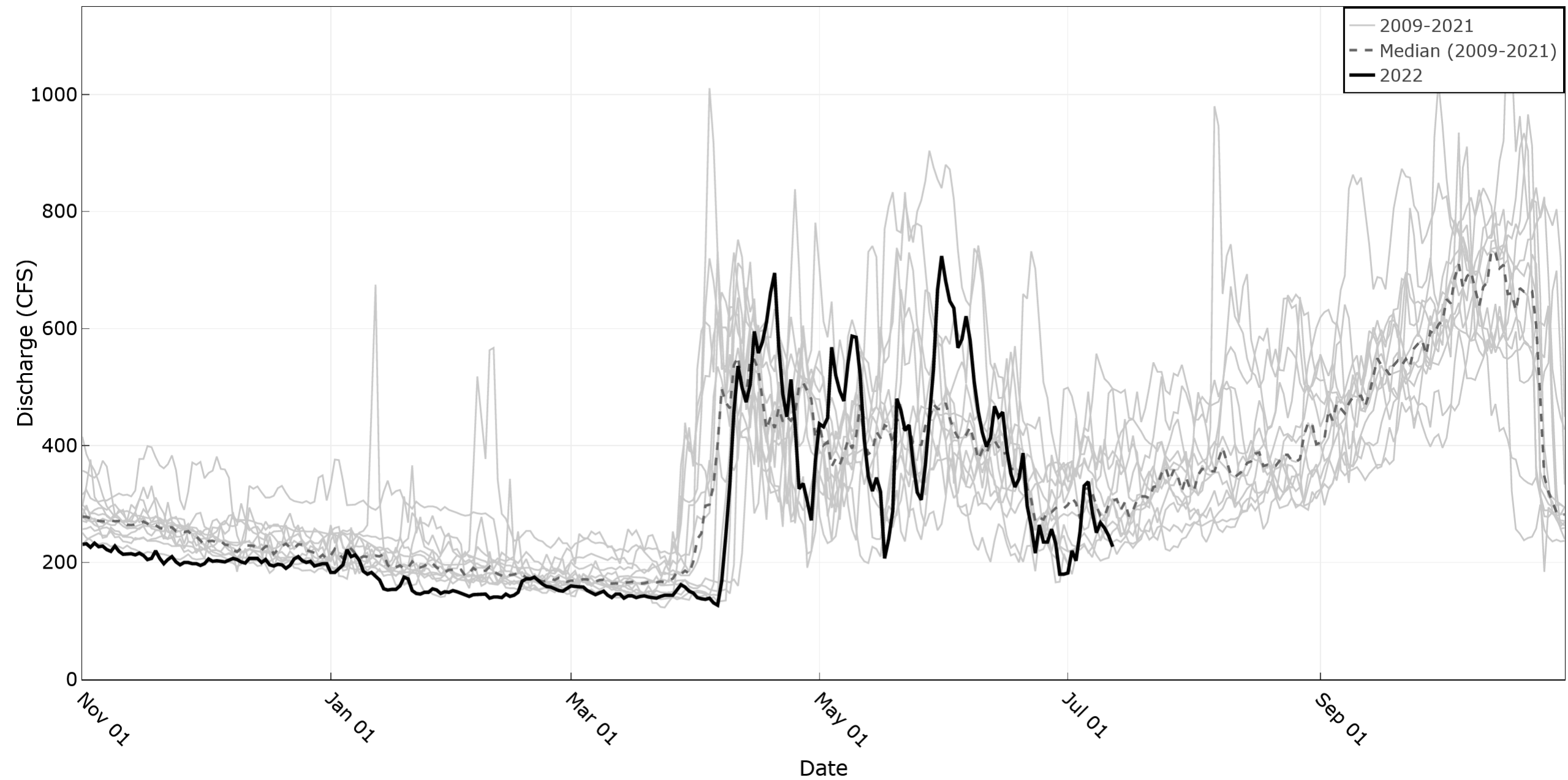
2022 May Forecast: Milner to Murphy Reach Gain



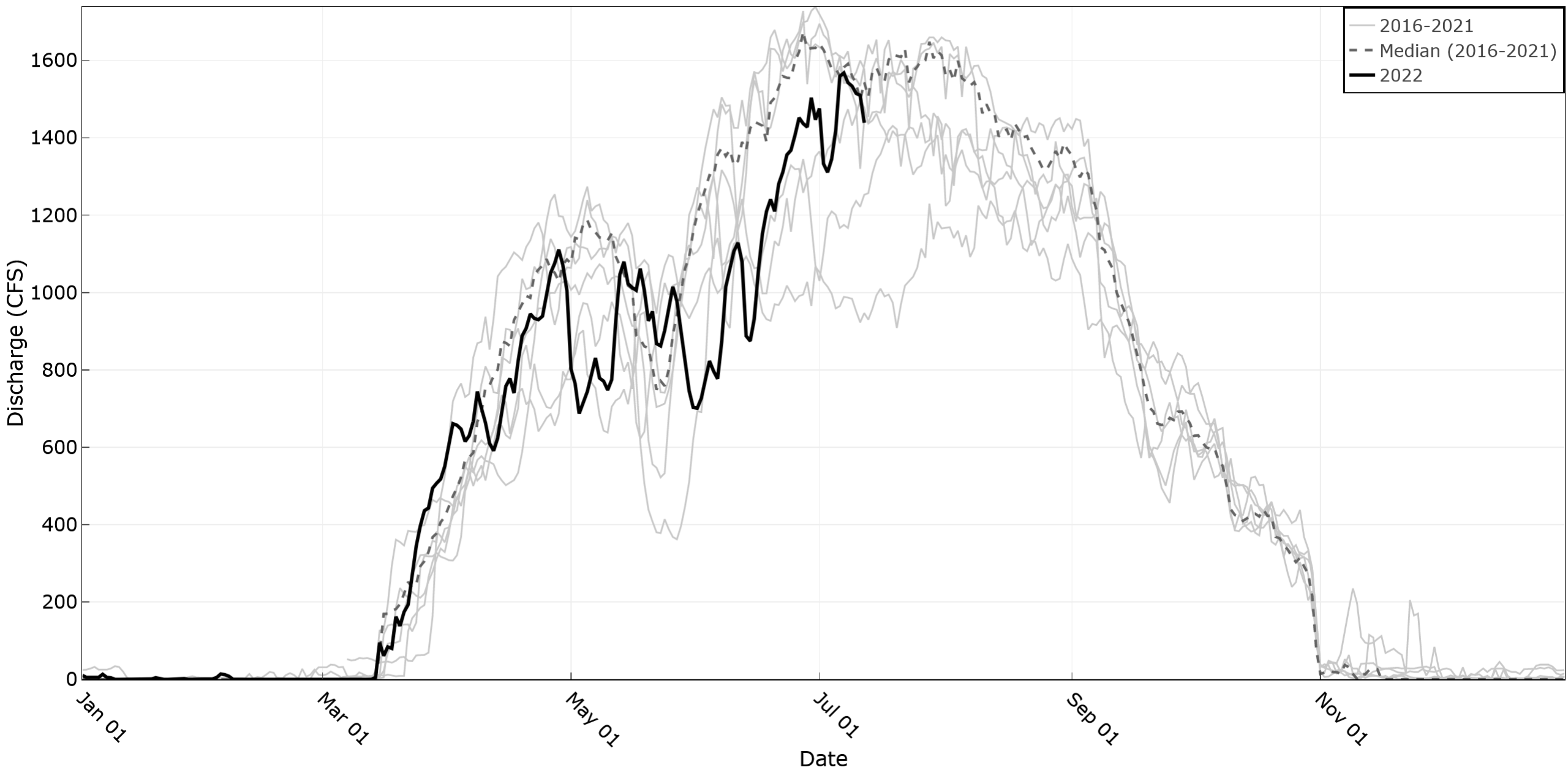
Bruneau River nr Hot Springs



TFCC Return Flow



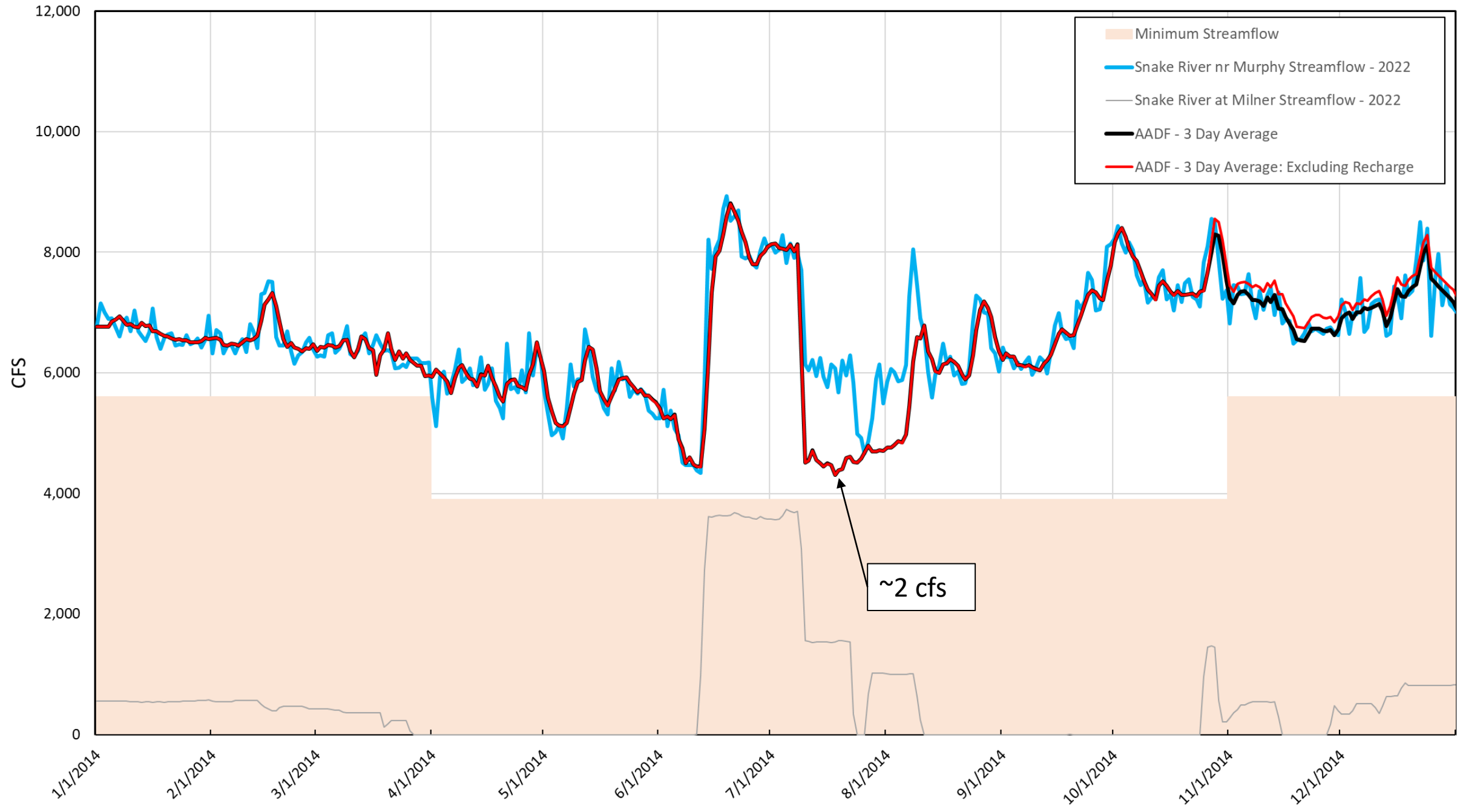
WD02 Diversions



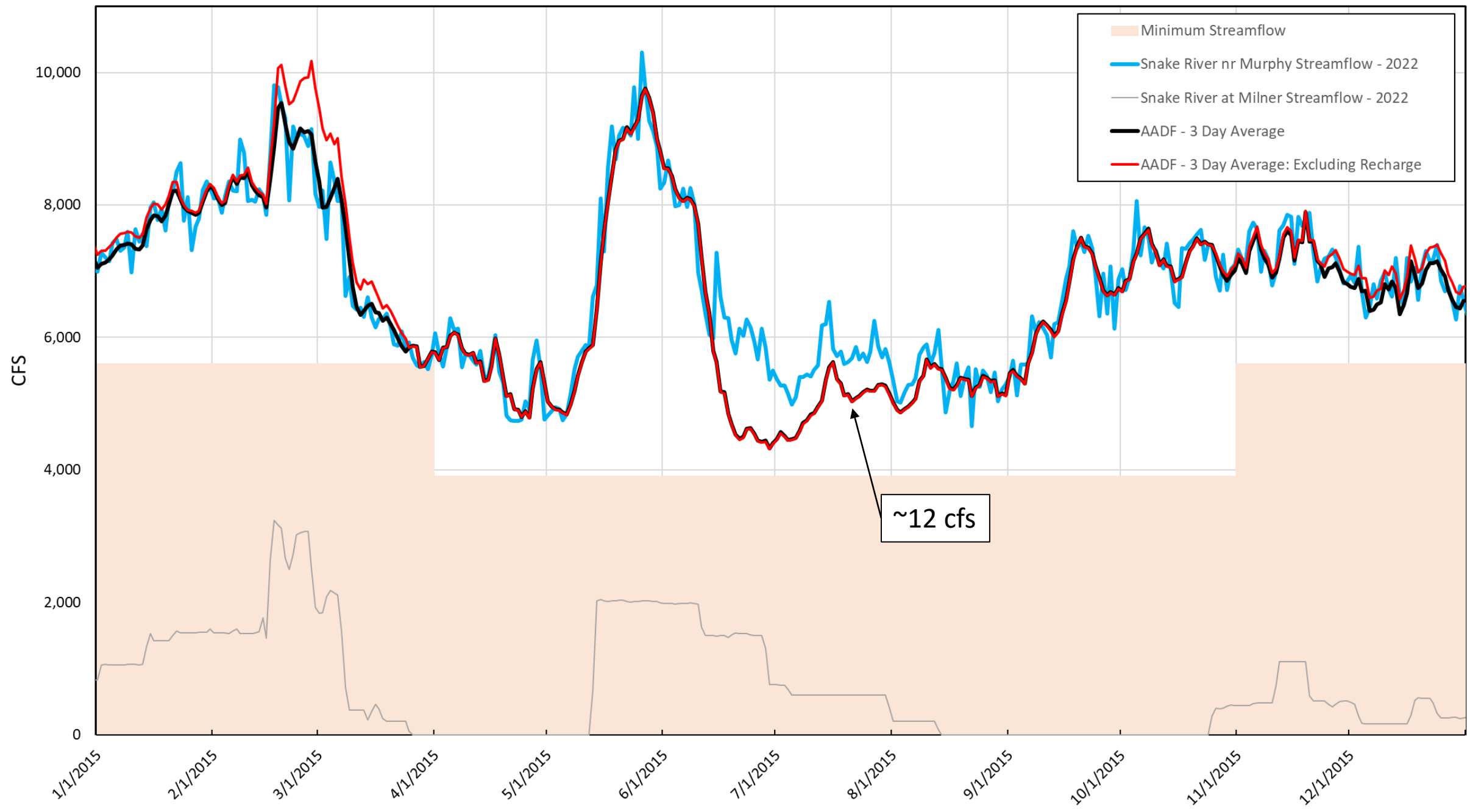
1. Technical analysis to determine if flows at Murphy would have been below the minimums at any time since 2016, but for IGWA-SWC-Cities settlement activities and IWRB recharge.

- Noah Stewart-Maddox used the ESPAM model to estimate the impacts in the Milner to King Hill reach of the Snake River for:
 - Idaho Water Resources Board managed recharge program
 - Initiated in 2014
 - Surface Water Coalition Settlement Agreement
 - Implemented in 2016
 - Managed recharge
 - Reductions in diversions

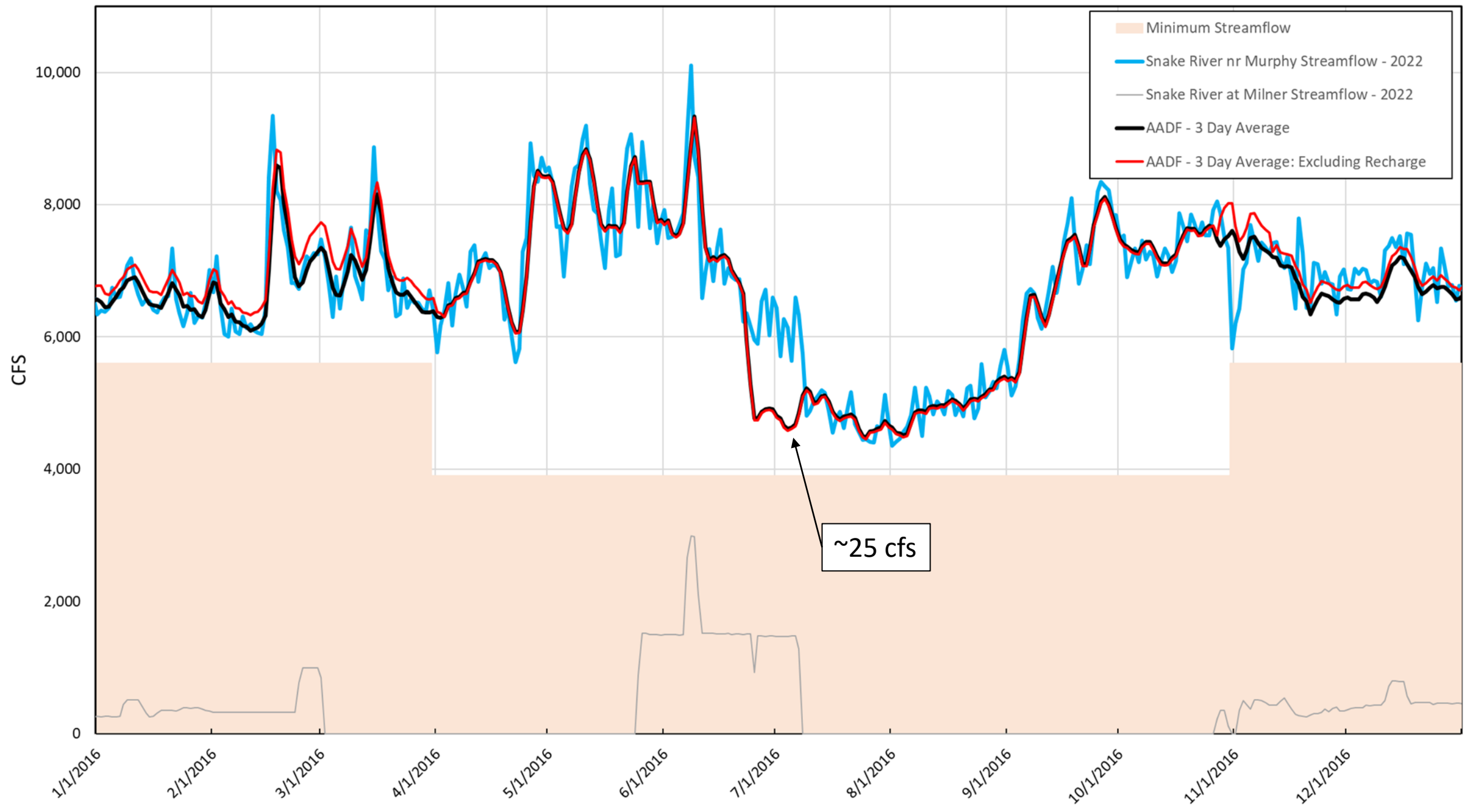
2014: Streamflow at Snake River near Murphy



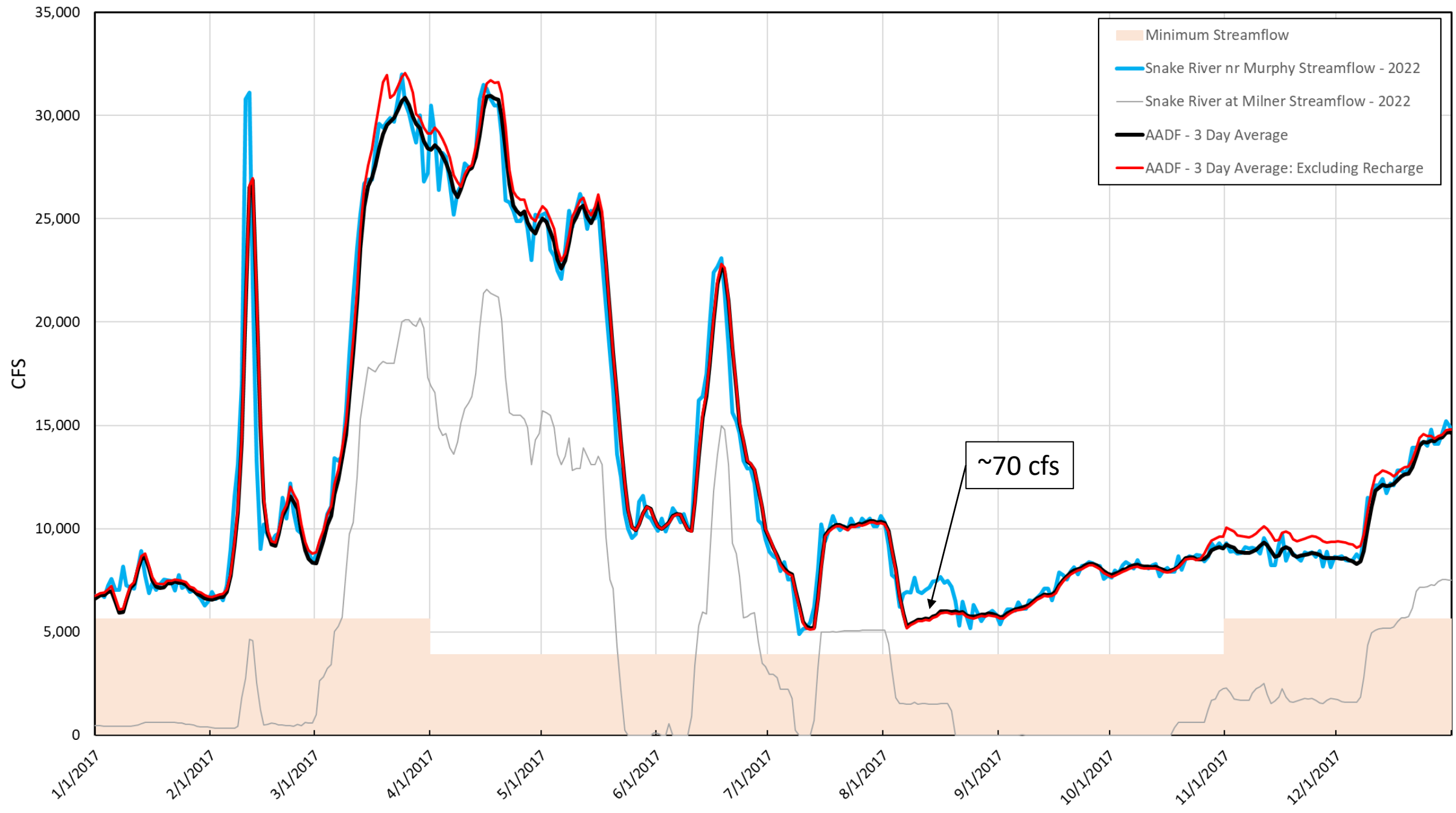
2015: Streamflow at Snake River near Murphy



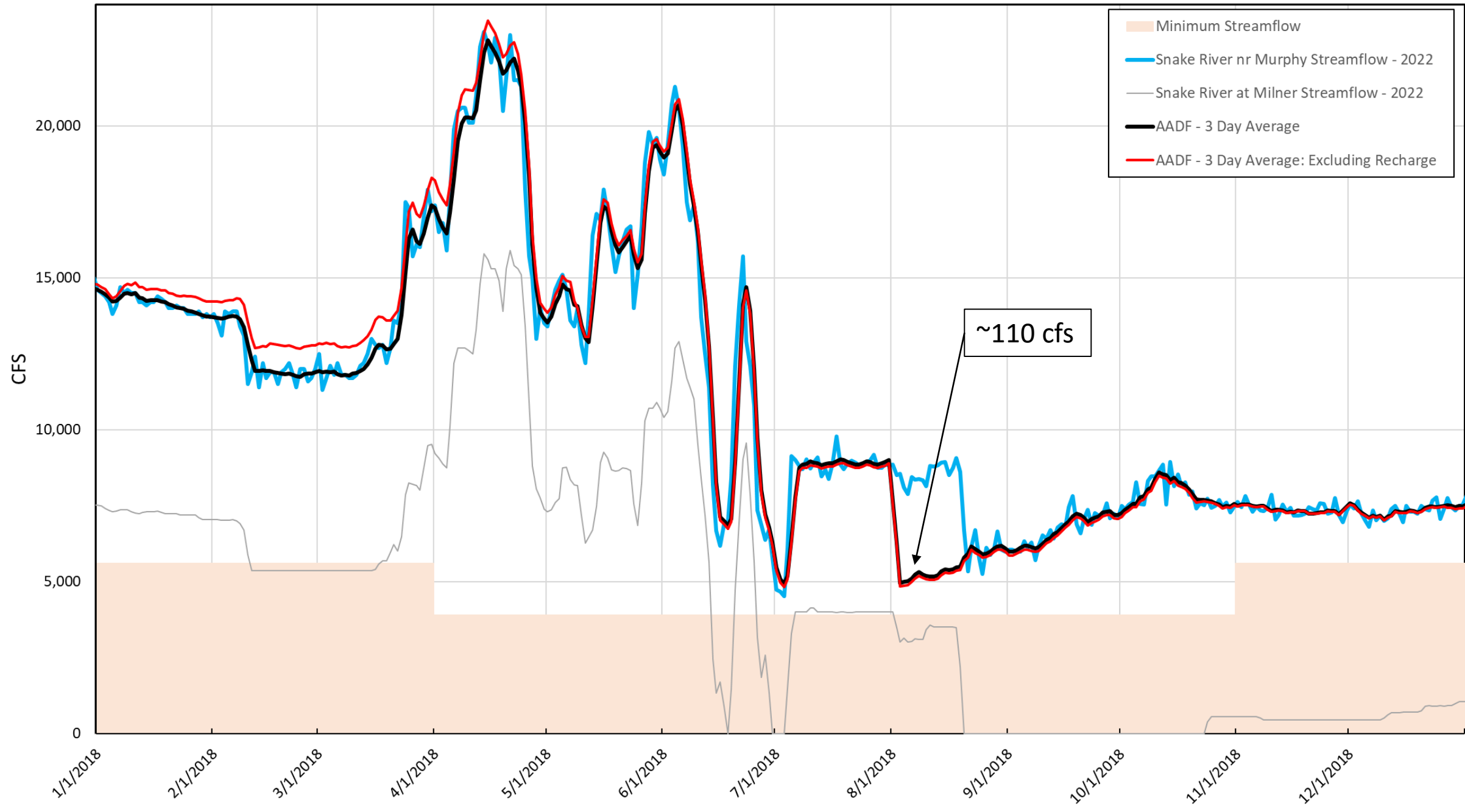
2016: Streamflow at Snake River near Murphy



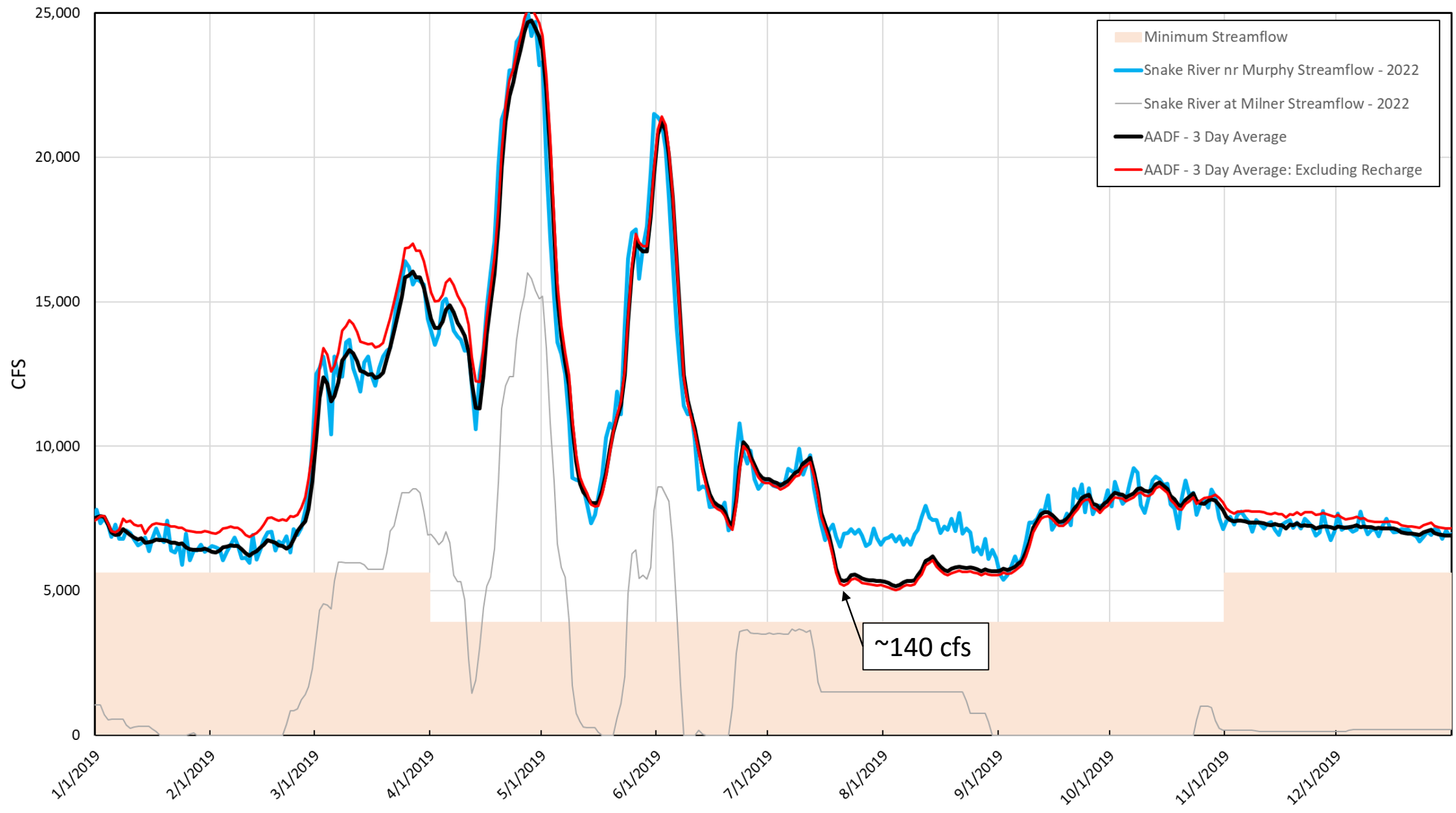
2017: Streamflow at Snake River near Murphy



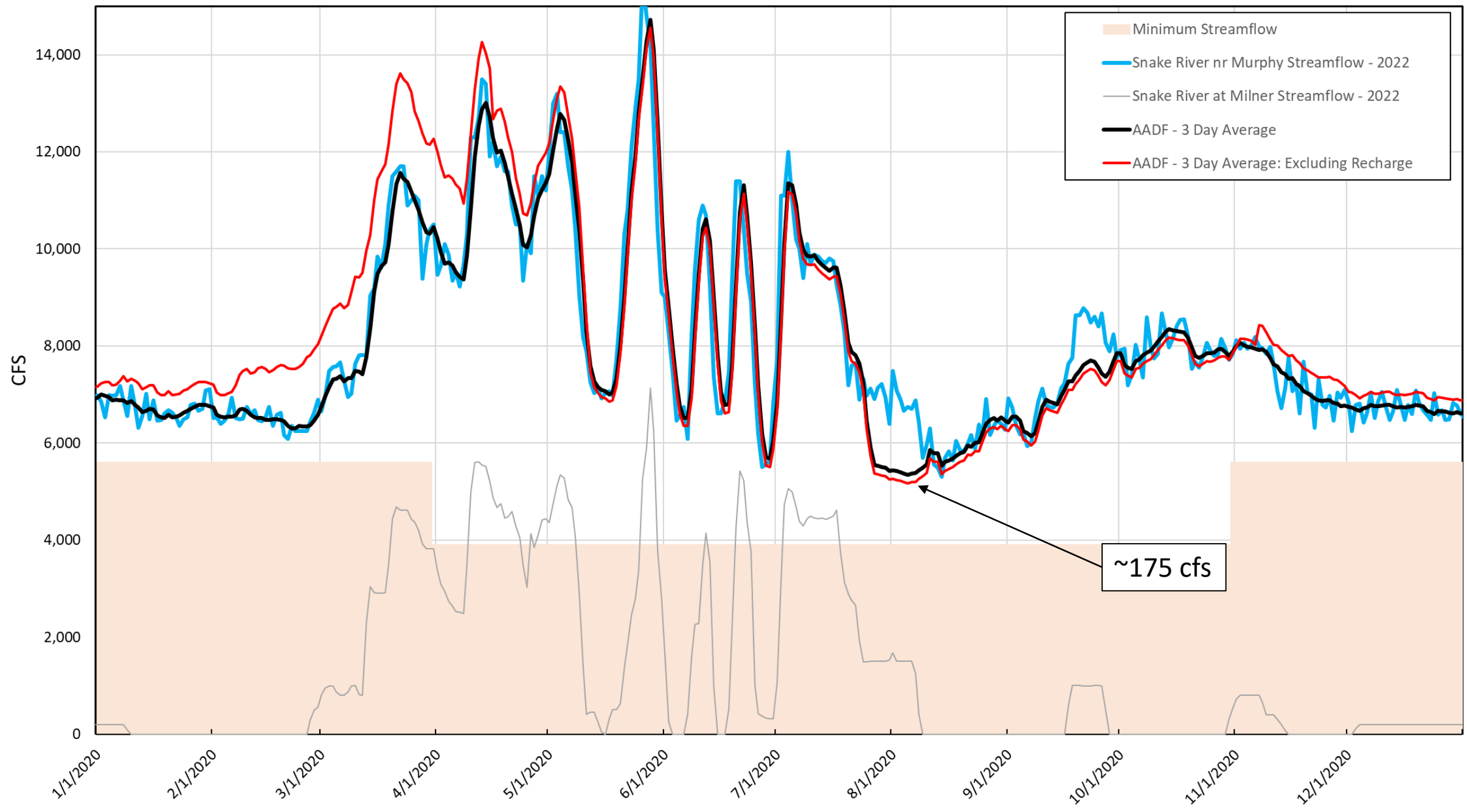
2018: Streamflow at Snake River near Murphy



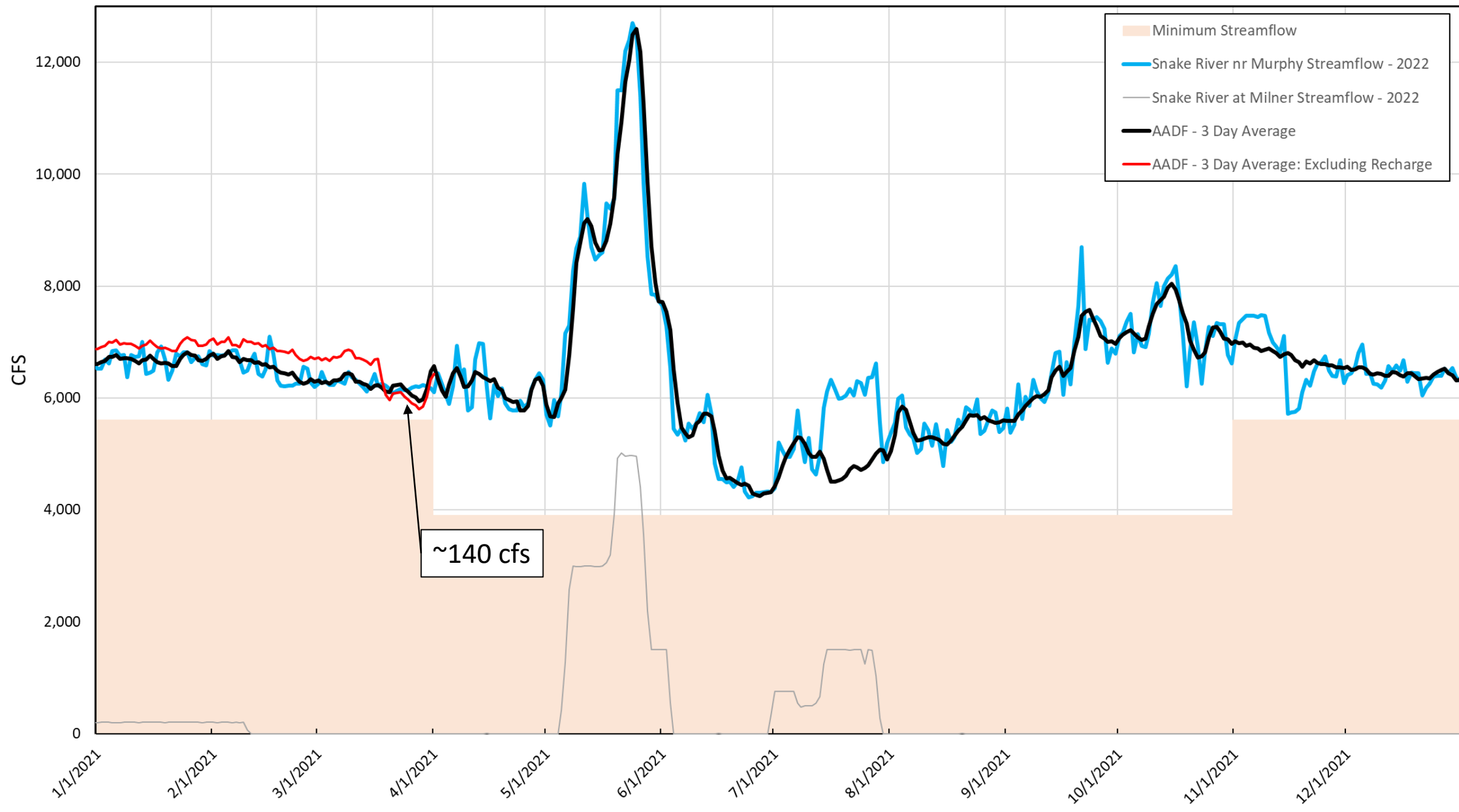
2019: Streamflow at Snake River near Murphy



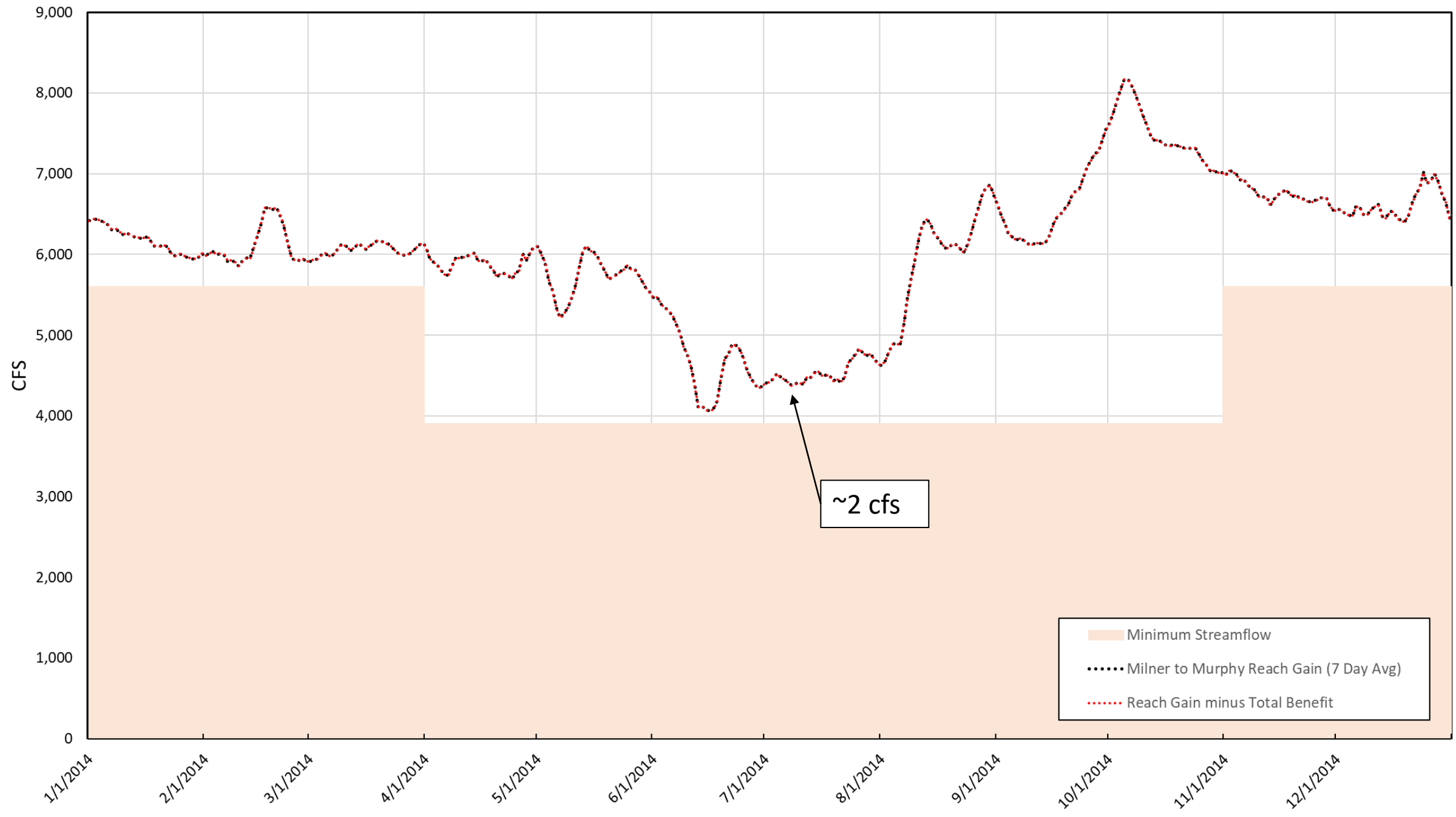
2020: Streamflow at Snake River near Murphy



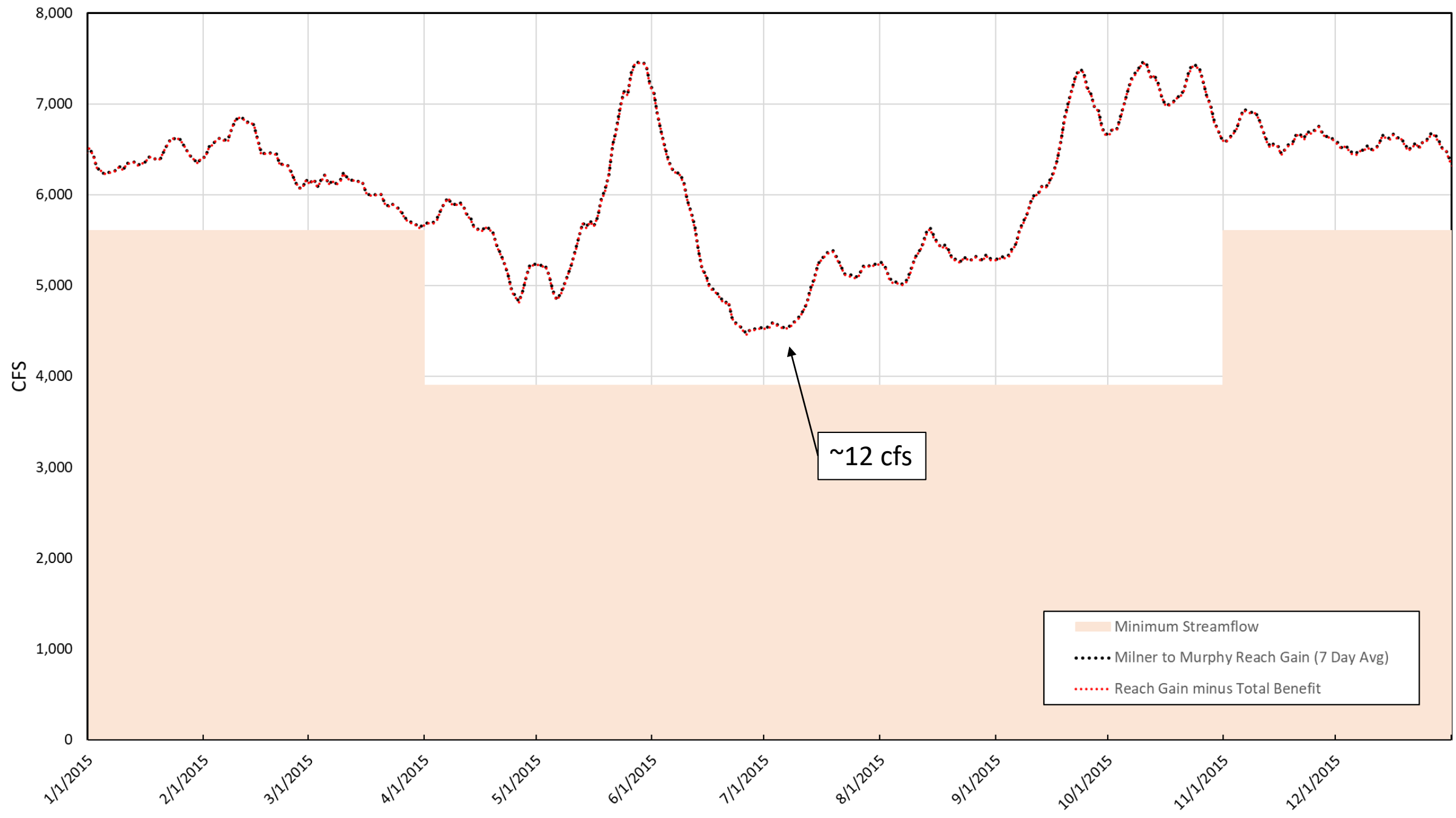
2021: Streamflow at Snake River near Murphy



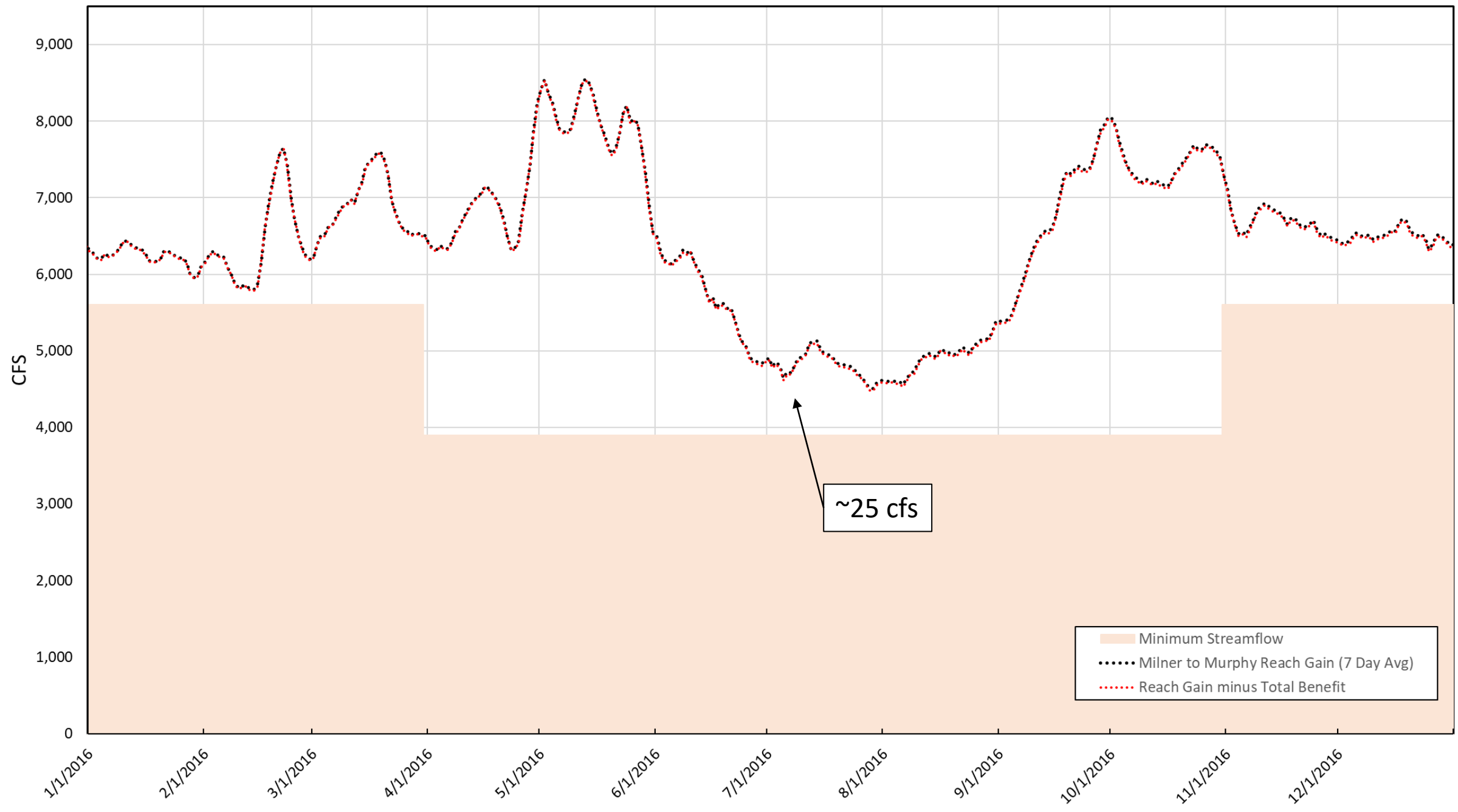
2014: Reach Gain at Snake River near Murphy



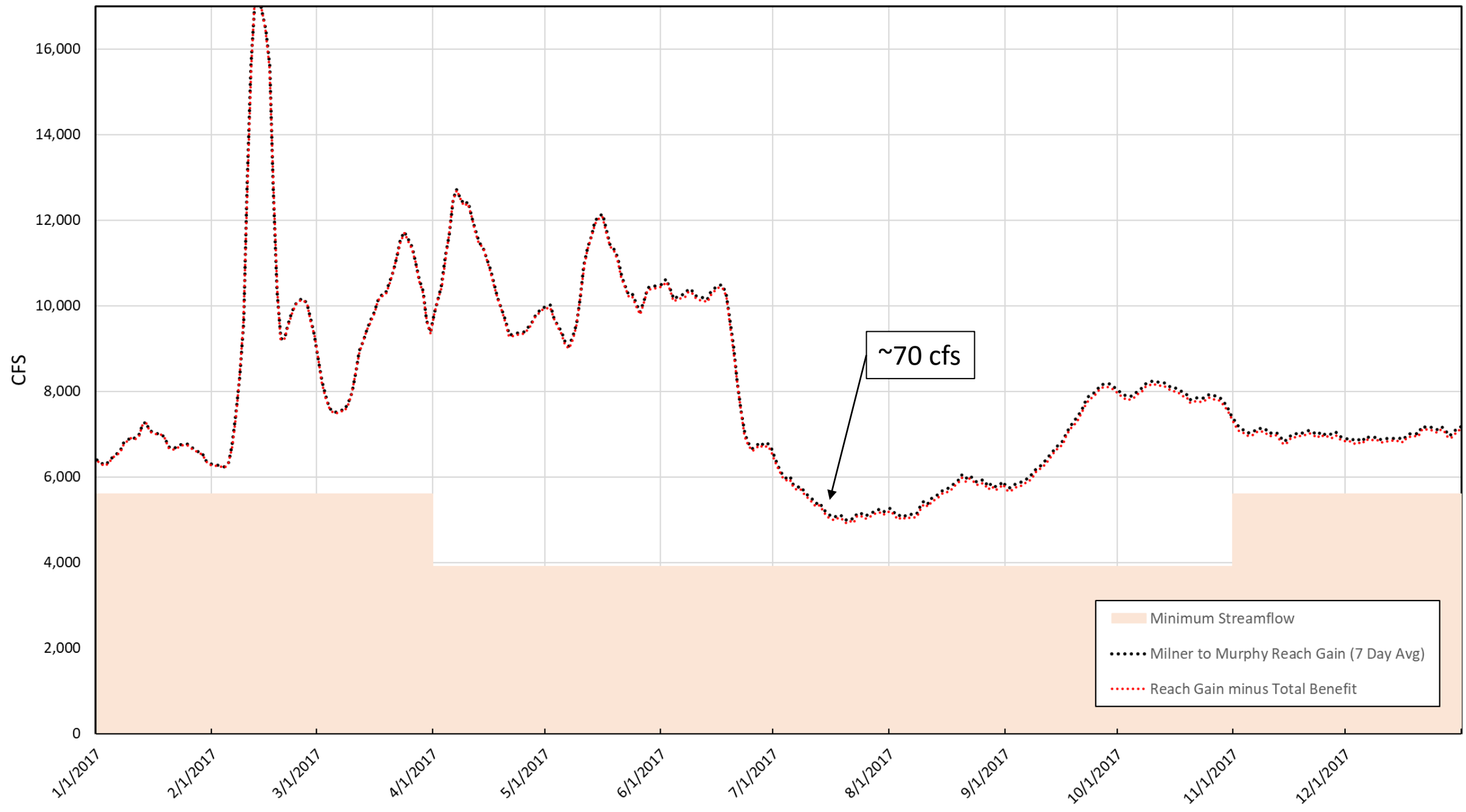
2015: Reach Gain at Snake River near Murphy



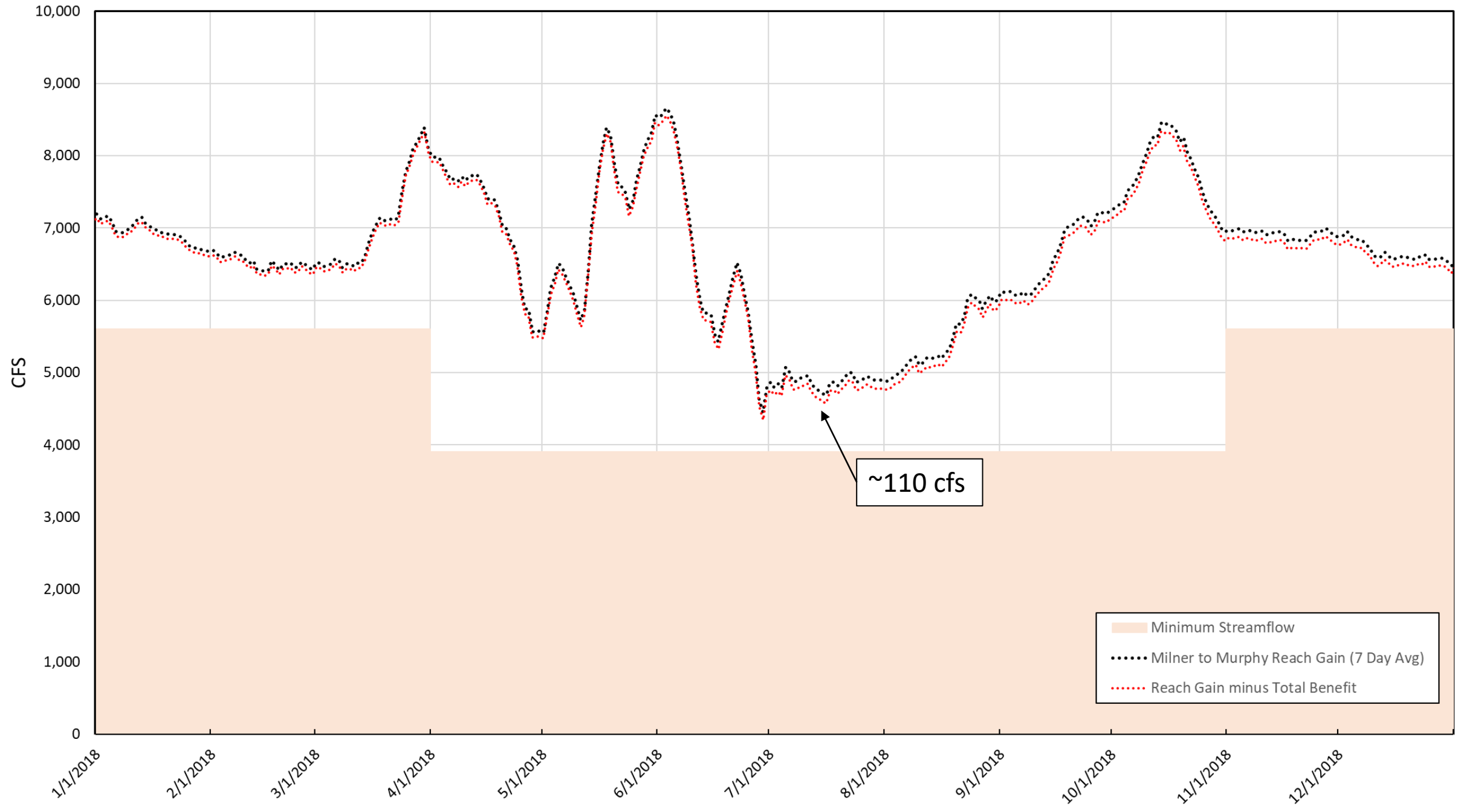
2016: Reach Gain at Snake River near Murphy



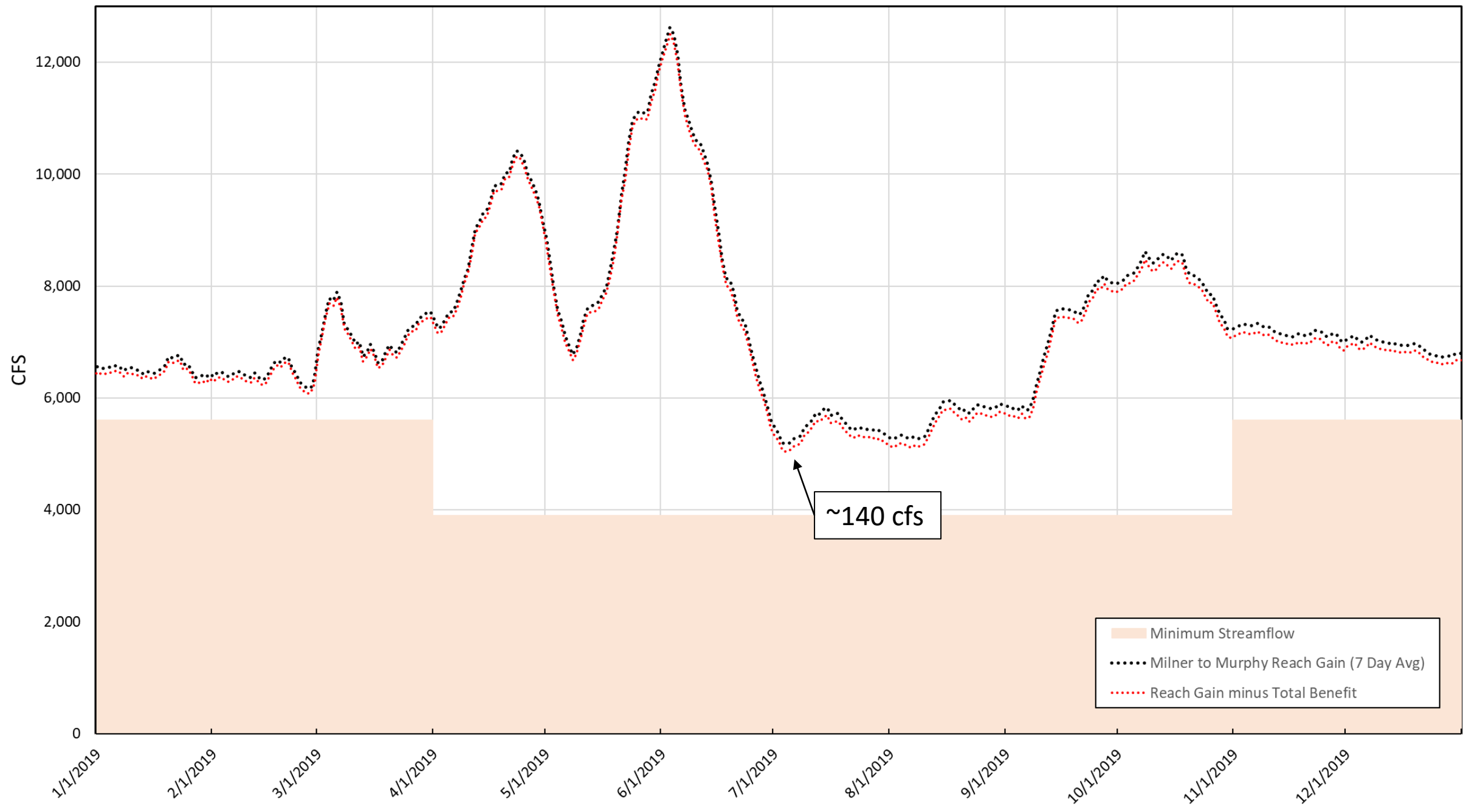
2017: Reach Gain at Snake River near Murphy



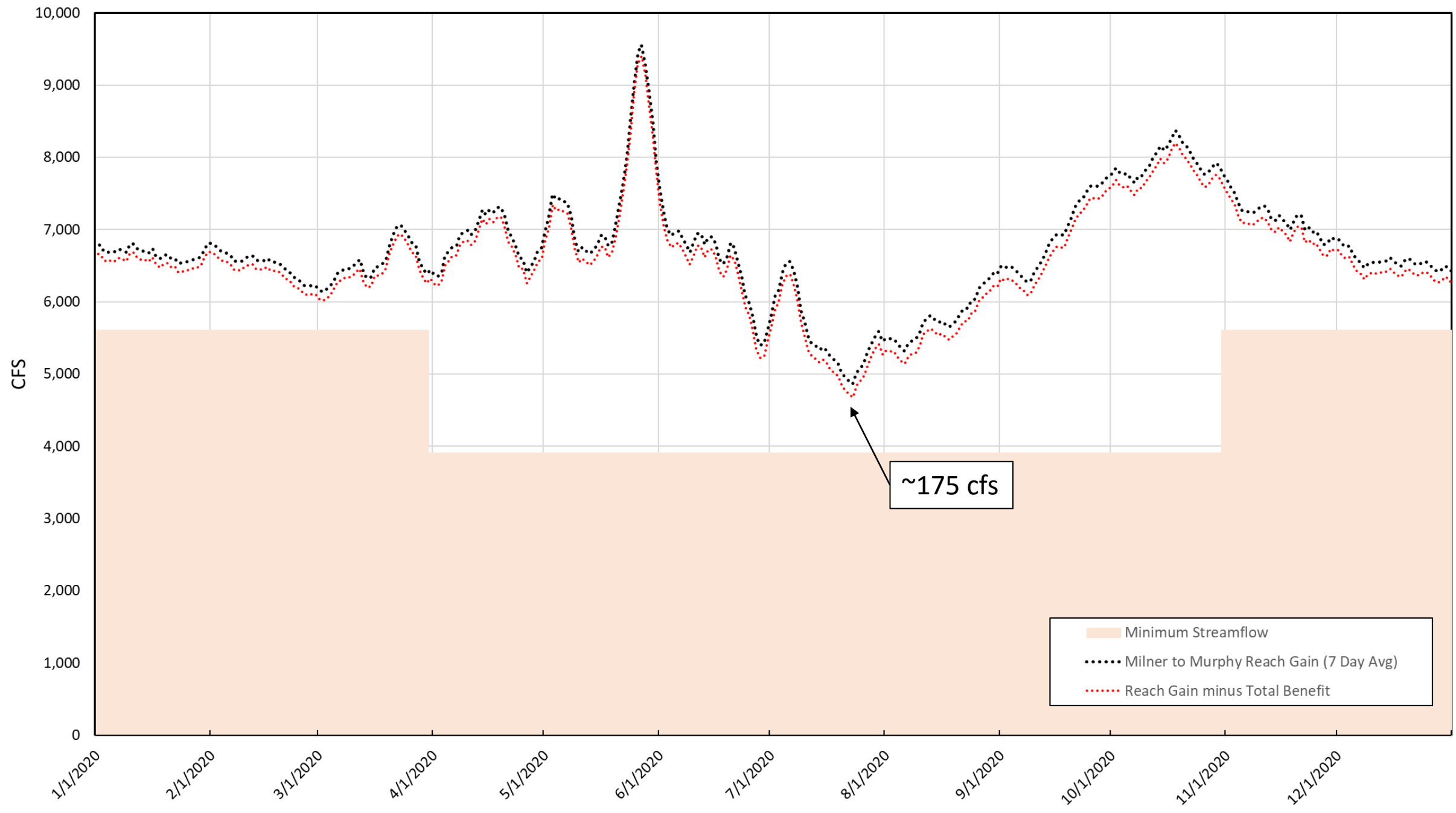
2018: Reach Gain at Snake River near Murphy



2019: Reach Gain at Snake River near Murphy



2020: Reach Gain at Snake River near Murphy



2021: Reach Gain at Snake River near Murphy

