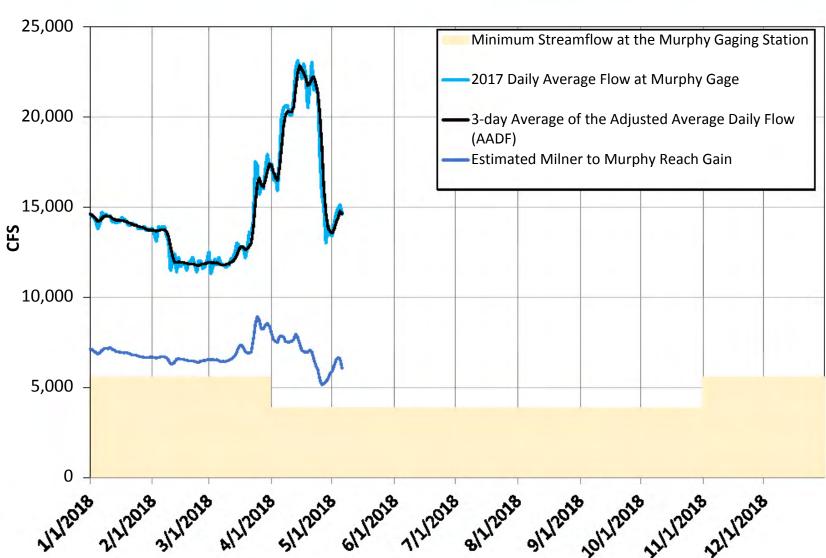


Overview

- Current AADF
- Swan Falls Forecast Tool (SFFT) Refresher
 - SFFT target
 - SFFT components
 - SFFT priority zone
- Hindcast
 - Forecast and Target comparison graphs (2013 2017)
 - SFFT Residual
- 2018 Forecast

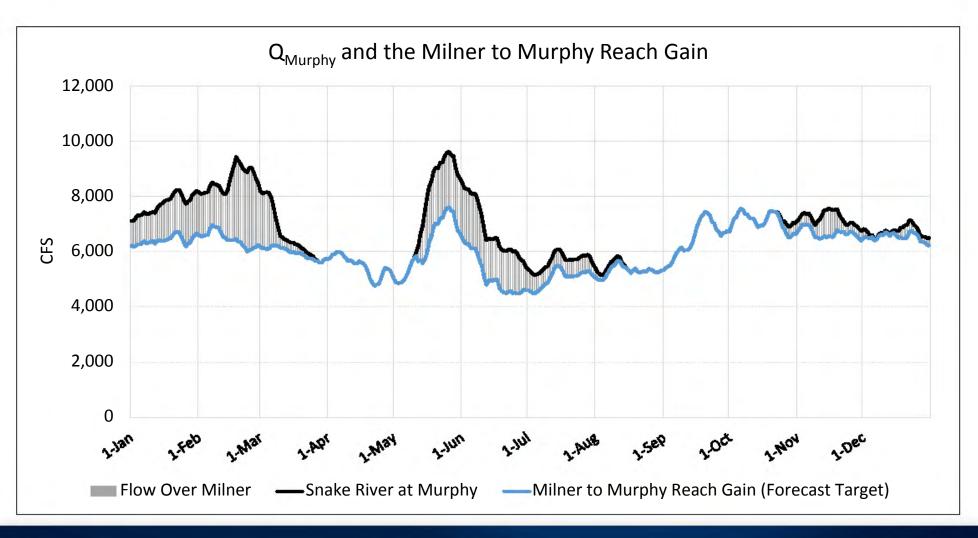
Current AADF

SUMMARY HYDROGRAPH SNAKE RIVER NR MURPHY 2018

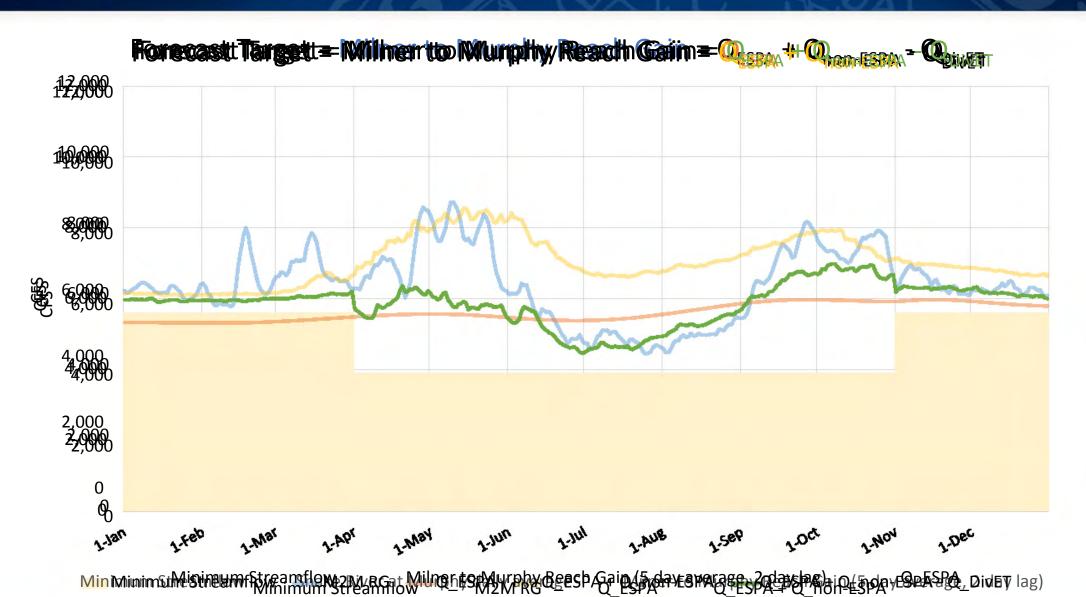


SFFT Refresher: Target

The Swan Falls Forecast Tool predicts the reach gain from Milner to Murphy. This is equivalent to the AADF when no flow is passing Milner.



SFFT Refresher: Components



SFFT Refresher: Priority Zone

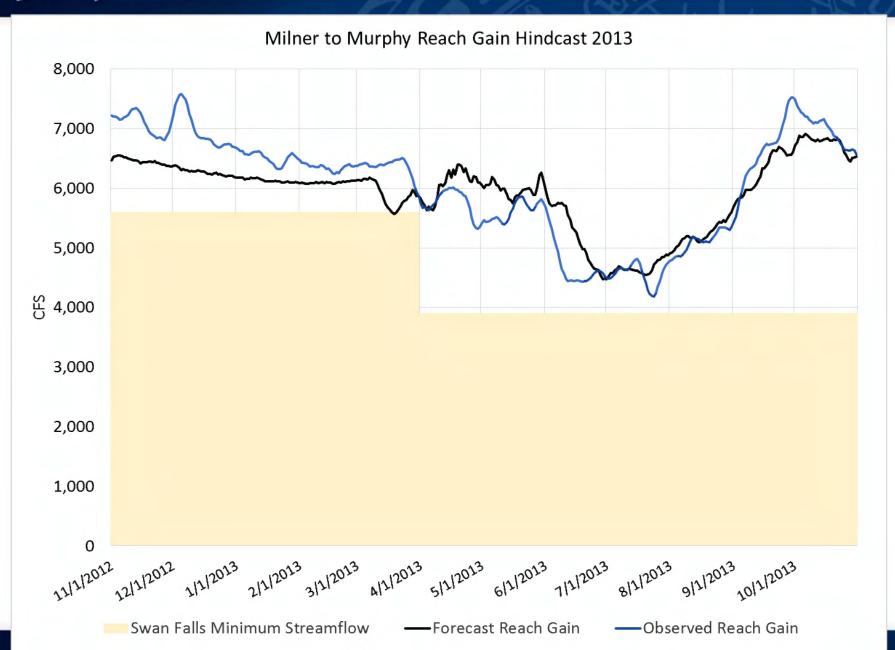


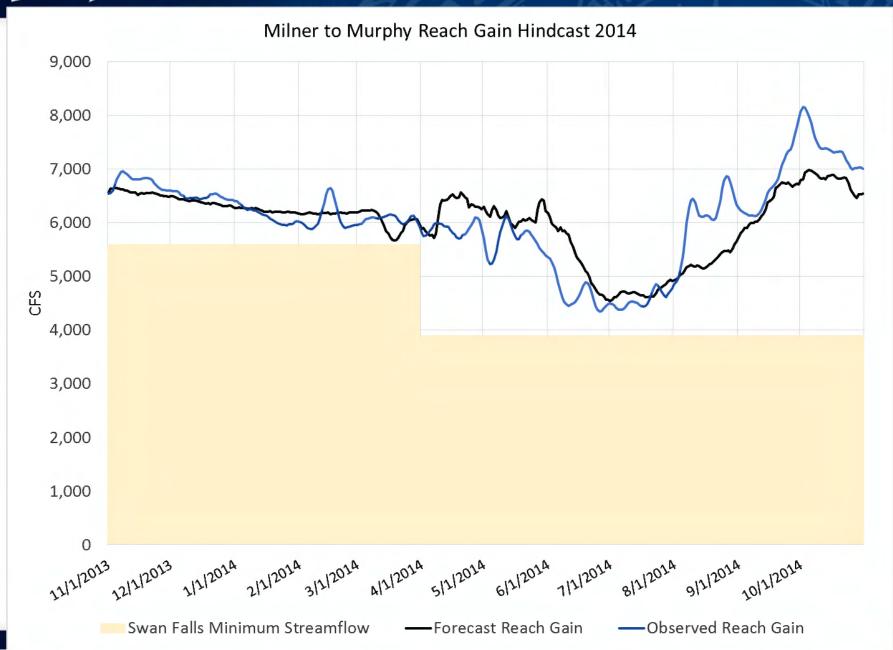


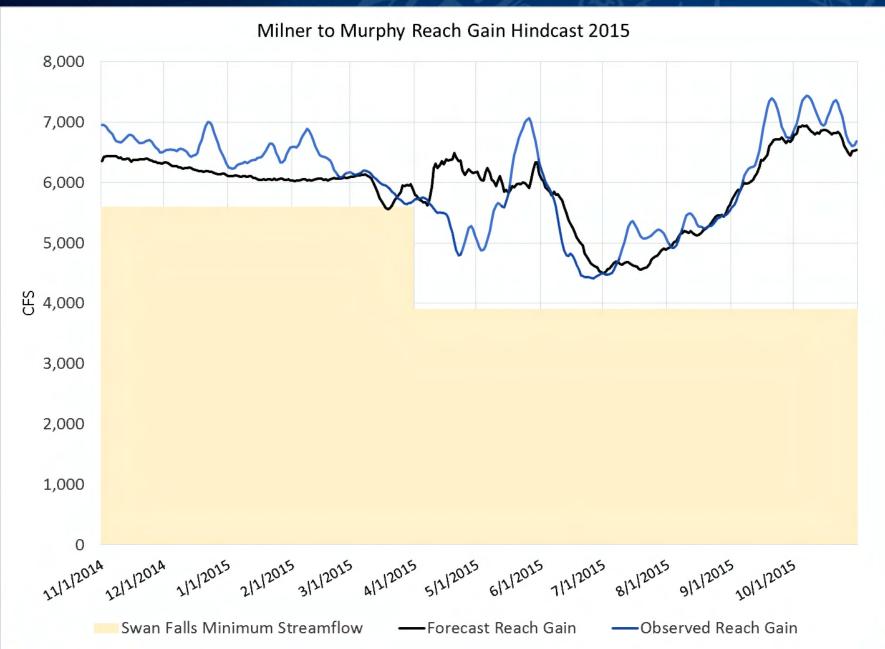


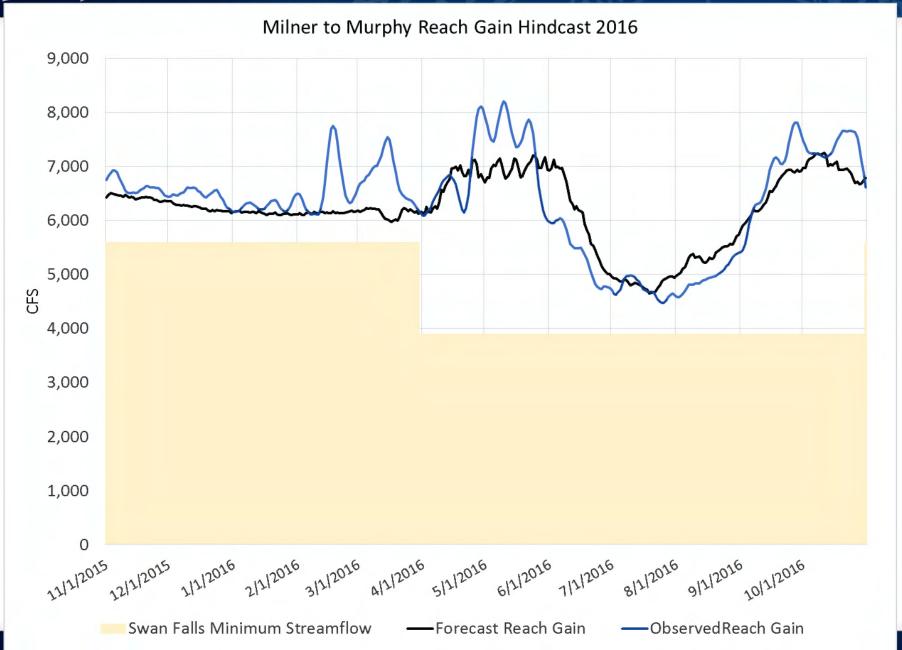
Hindcast and Residual Analysis

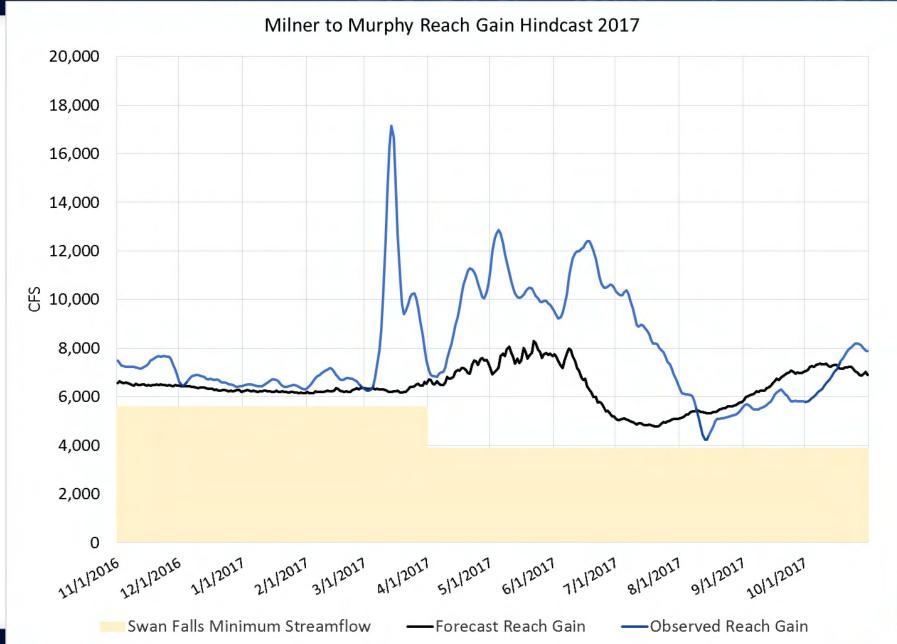
- Review SFFT perfomance
 - Hindcast review of previous 5 years
 - Residual analysis (2002 2017)
- Hindcast method
 - Input only data supplied to forecast
 - Limited to hindcast of 2002 2017
- Residual statistics
 - Residual = Model Observed
 - Statistics calculated on the daily dataset (16 data points)
 - Interquartile range of residuals computed



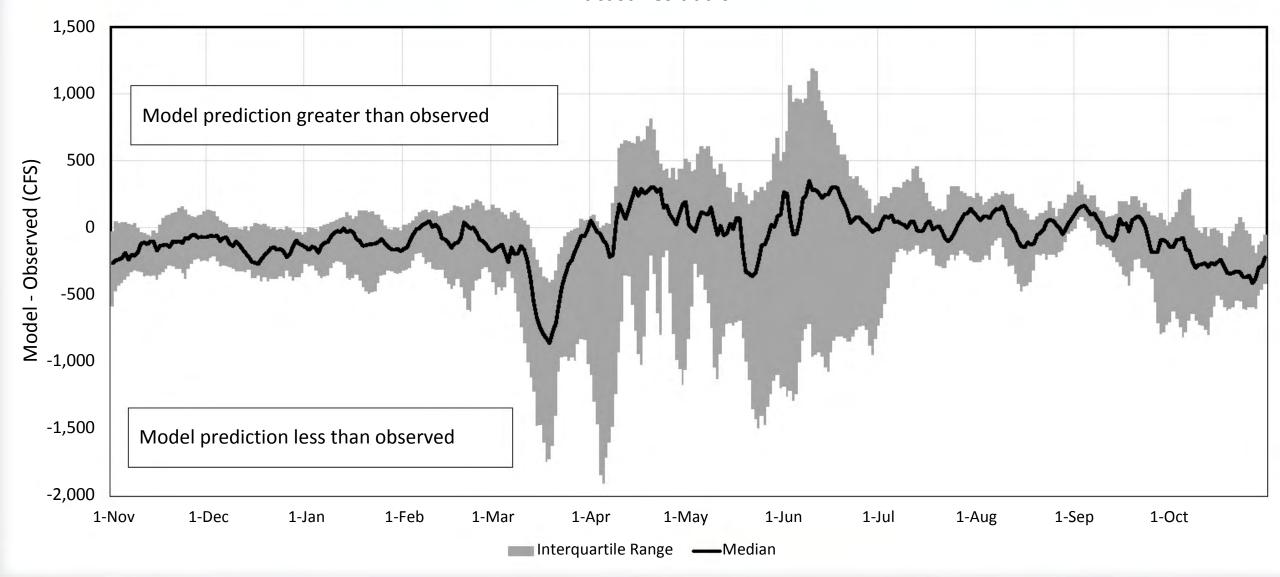




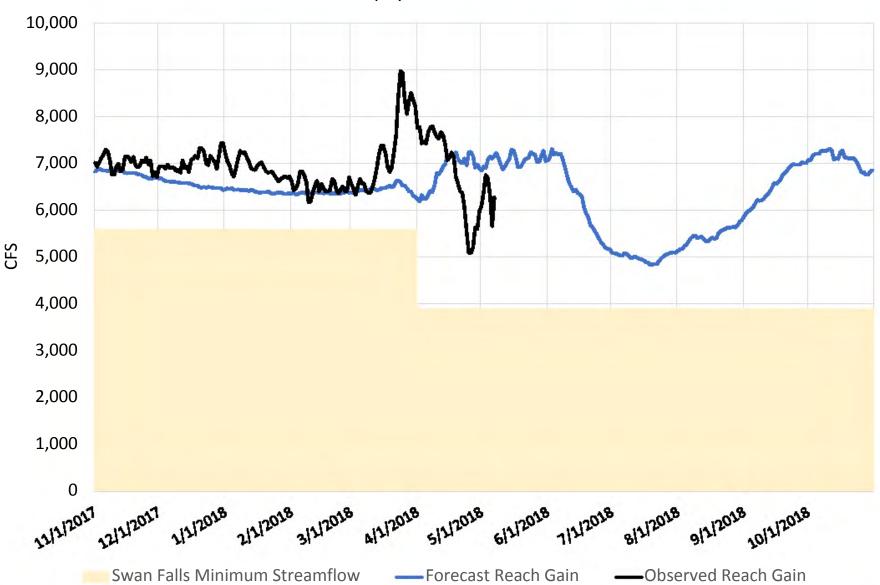








Milner to Murphy Reach Gain 2018 Forecast



Future Direction

- Residual analysis
- Potential tool revision based on
 - Residual analysis
 - Q_non-ESPA component
 - Q_DivET early demand
- Add model validation to SFFT documentation
- Complete draft report
- Submit report to SFTWG for review



EOS: Hindcast with

Milner to Murphy Reach Gain Hindcast with Error 2016

