

## AADF Update to the Swan Falls Policy Group

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Date: 08/12/2015



## Adjusted Average Daily Flow

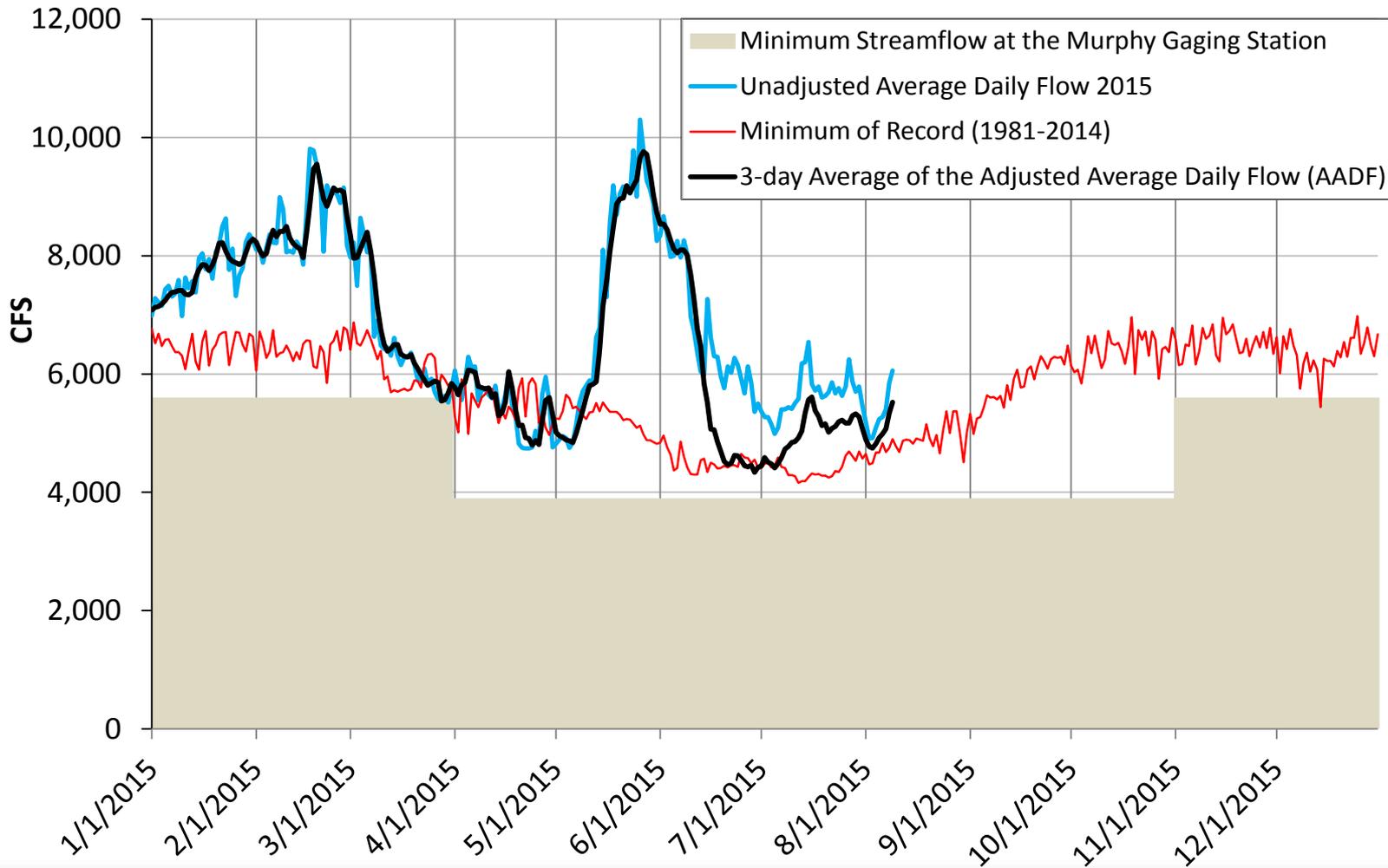
- Calculation based on six measurements
  - CJ Strike, Swan Falls, Bliss, Lower Salmon Falls, headwater
  - Snake River Murphy and Milner gages
- Second complete year of calculation
- Following the Streamflow Measurement and Monitoring Plan
- Two calculations performed to verify values
- Compare results with IPCo

## Year in Summary

- Early spring melt - high early season water demand
- Hot and dry March and April
- Wet and cool May and July
- Upper basin flow augmentation releases 5/5 – 6/20
- Two day Swan Falls Agreement minimum flow shortfall (3/28, 3/29)
- AADF generally increasing since 7/5
- New USGS gage established below Swan Falls

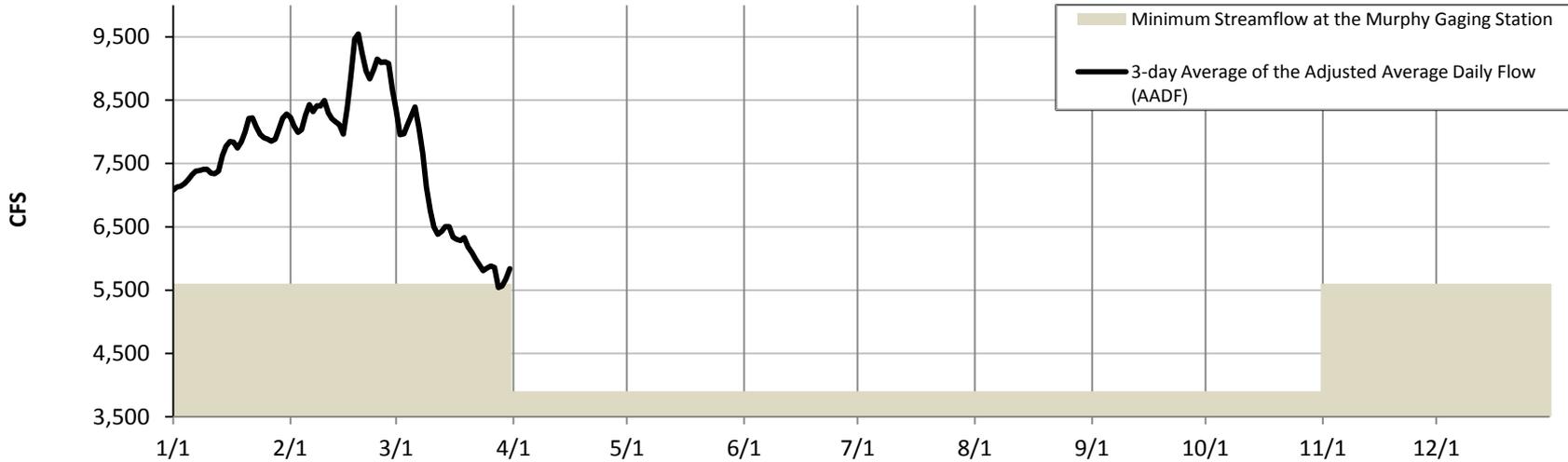
# AADF Year to Date

**SUMMARY HYDROGRAPH SNAKE RIVER NR MURPHY 1981-2015**



# Swan Falls Agreement Shortfall

Swan Falls Agreement Minimum Flow Shortfall 2015

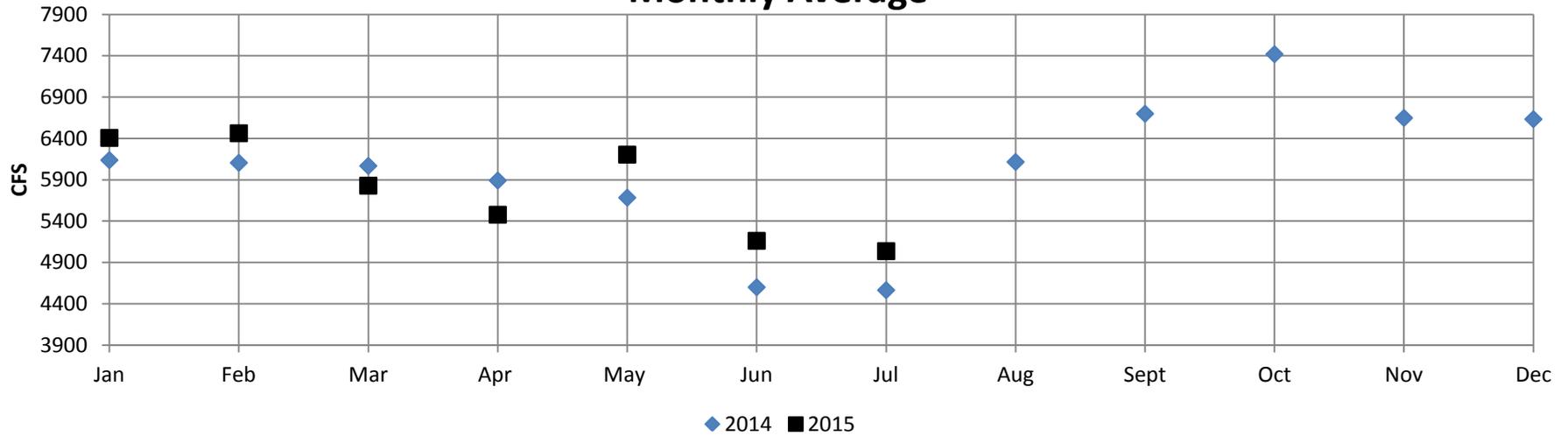


Date	Snake River at Murphy (cfs)*	Reservoir Adjustment (cfs)	AADF (cfs)	AADF - 3 day average (cfs)	Swan Falls Agreement Shortfall (AF)
3/24/2015	5840	-133	5707		
3/25/2015	5920	217	6137		
3/26/2015	5690	116	5806	5883	-
3/27/2015	5580	55	5635	5860	-
3/28/2015	5550	-370	5180	5541	118
3/29/2015	5630	244	5874	5563	73
3/30/2015	5520	450	5970	5675	-
3/31/2015	5750	-76	5674	5839	-
<b>Total Shortfall (AF)</b>					<b>190</b>

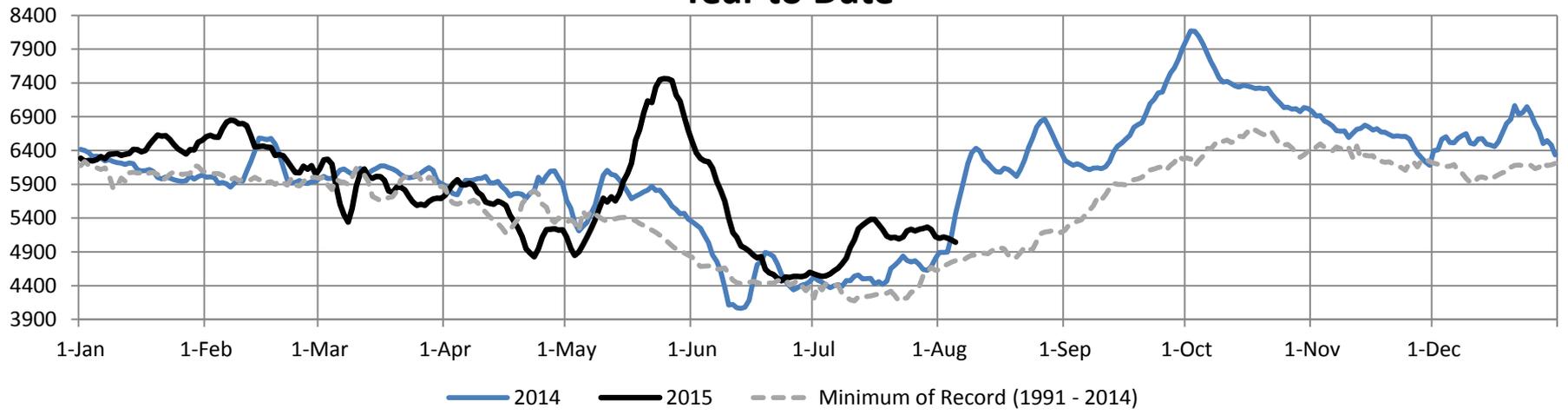
\*Approved Values

# AADF Reach Gains – Milner to Murphy

## Monthly Average



## Year to Date



# Questions