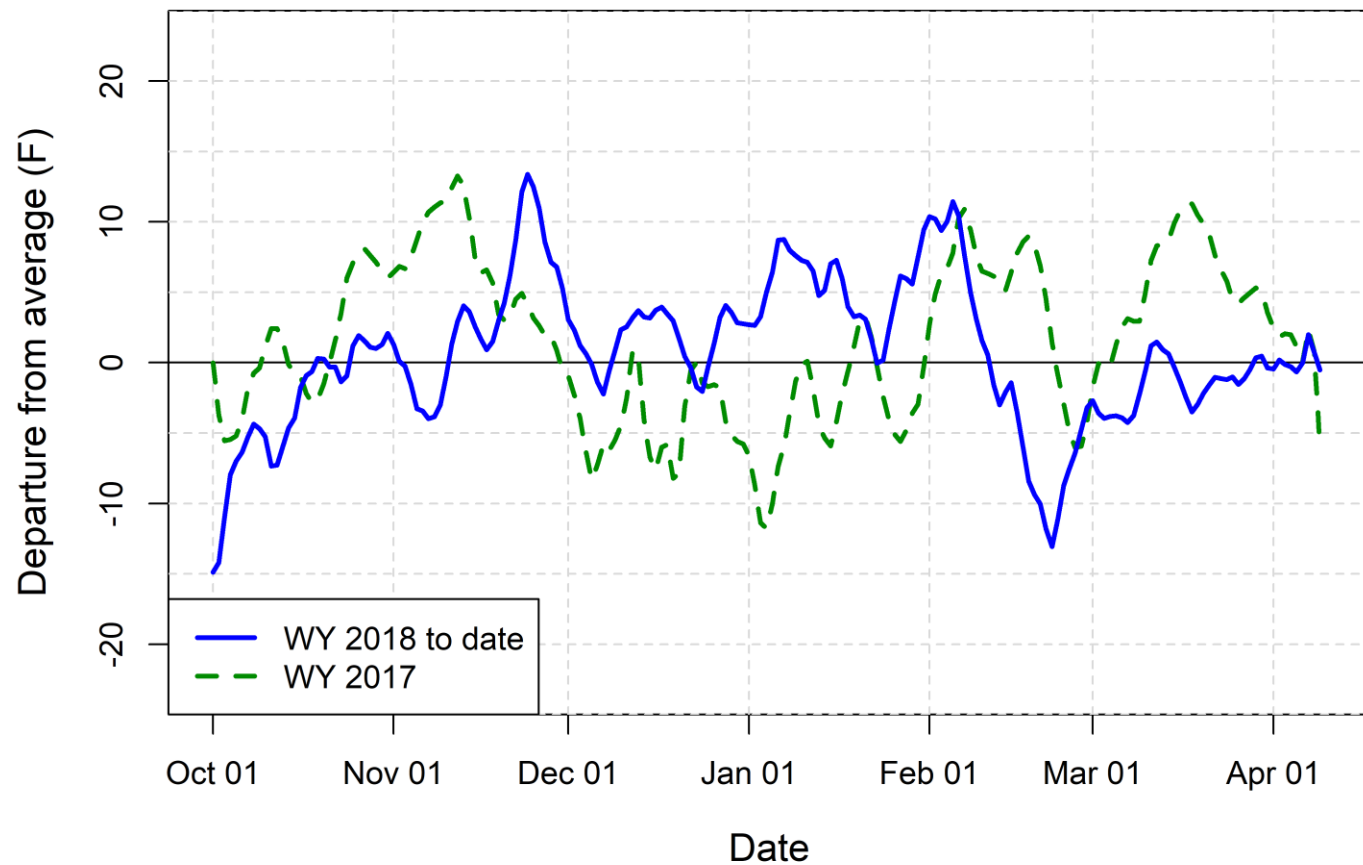


Henry's Fork Water Supply

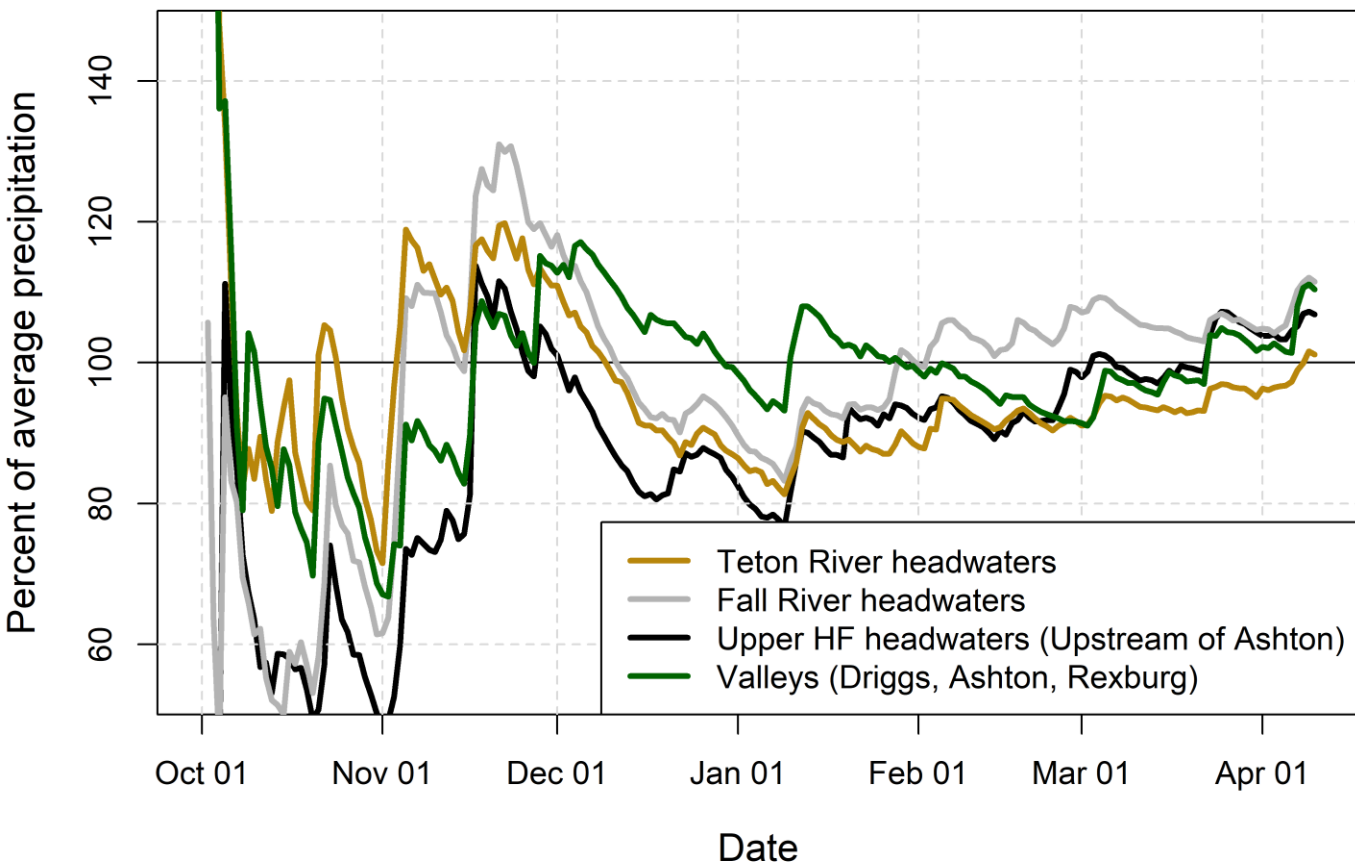


Henry's Fork Watershed Council, April 10, 2018

HF Watershed 7-day Temperature, Departure from Average

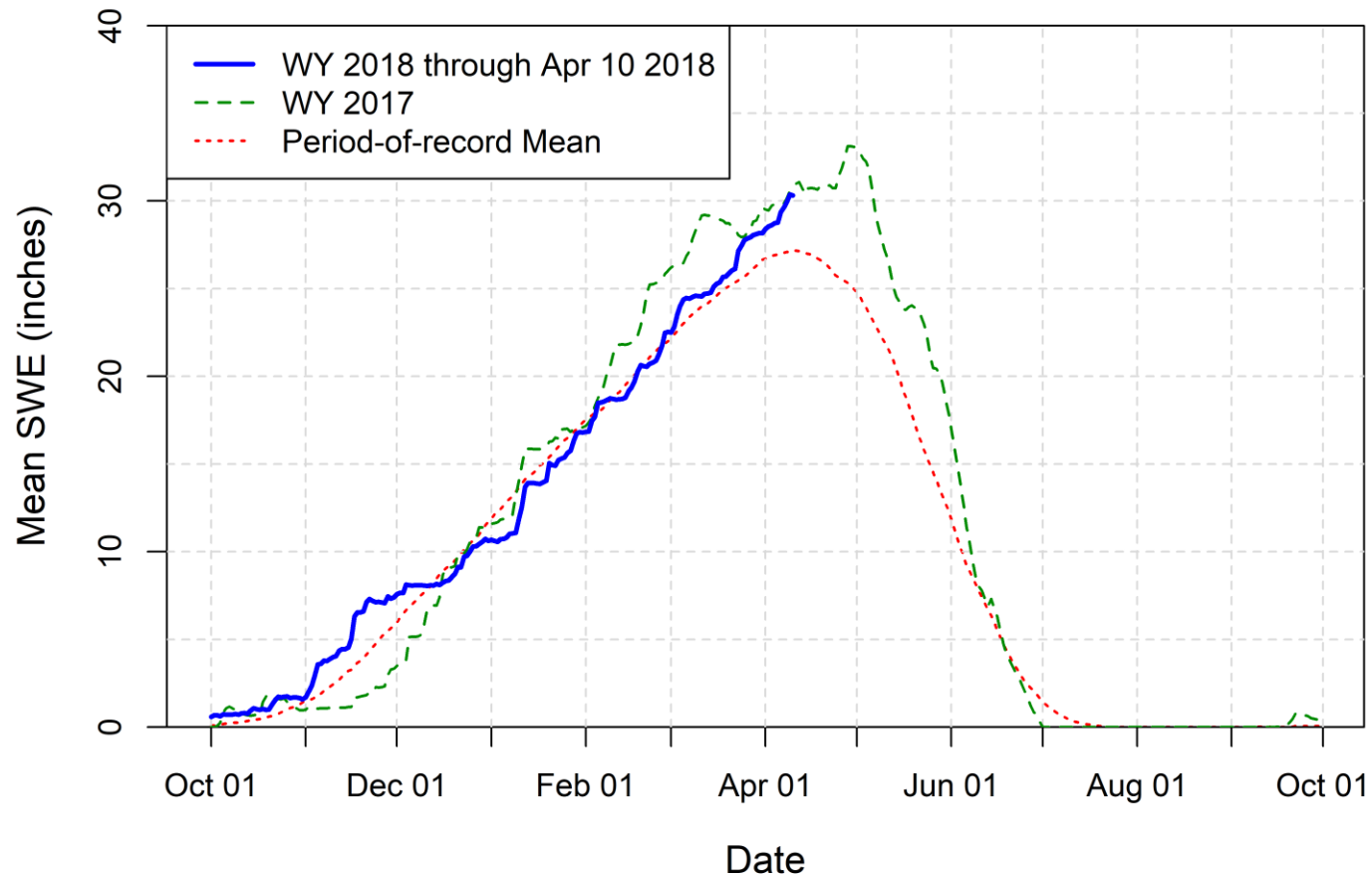


Henry's Fork Watershed Water-year Precipitation, Tue Apr 10 2018



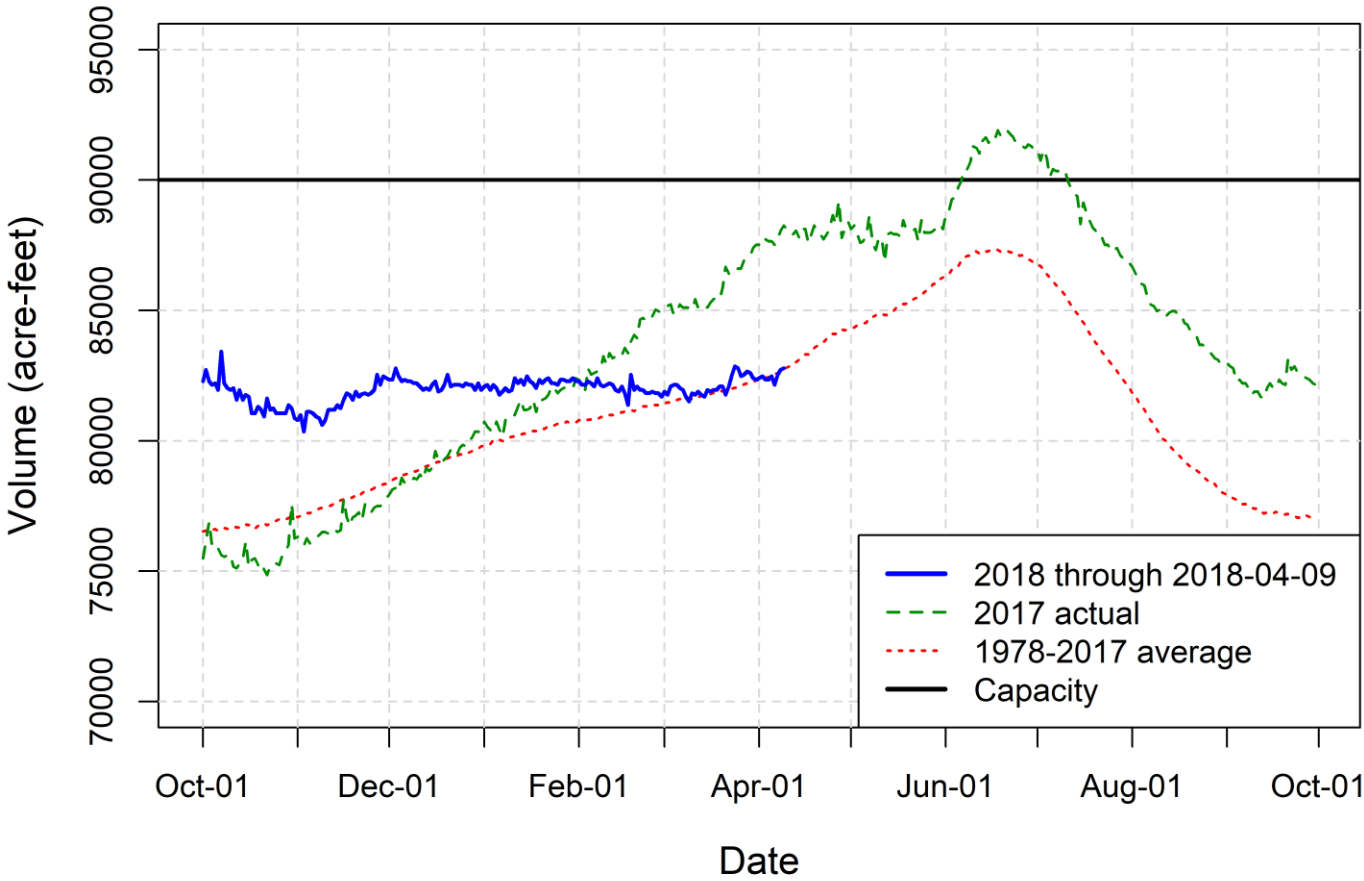
Watershed-total
precipitation:
107% of average

Henry's Fork Watershed Mean SWE Accumulation Apr 10 2018

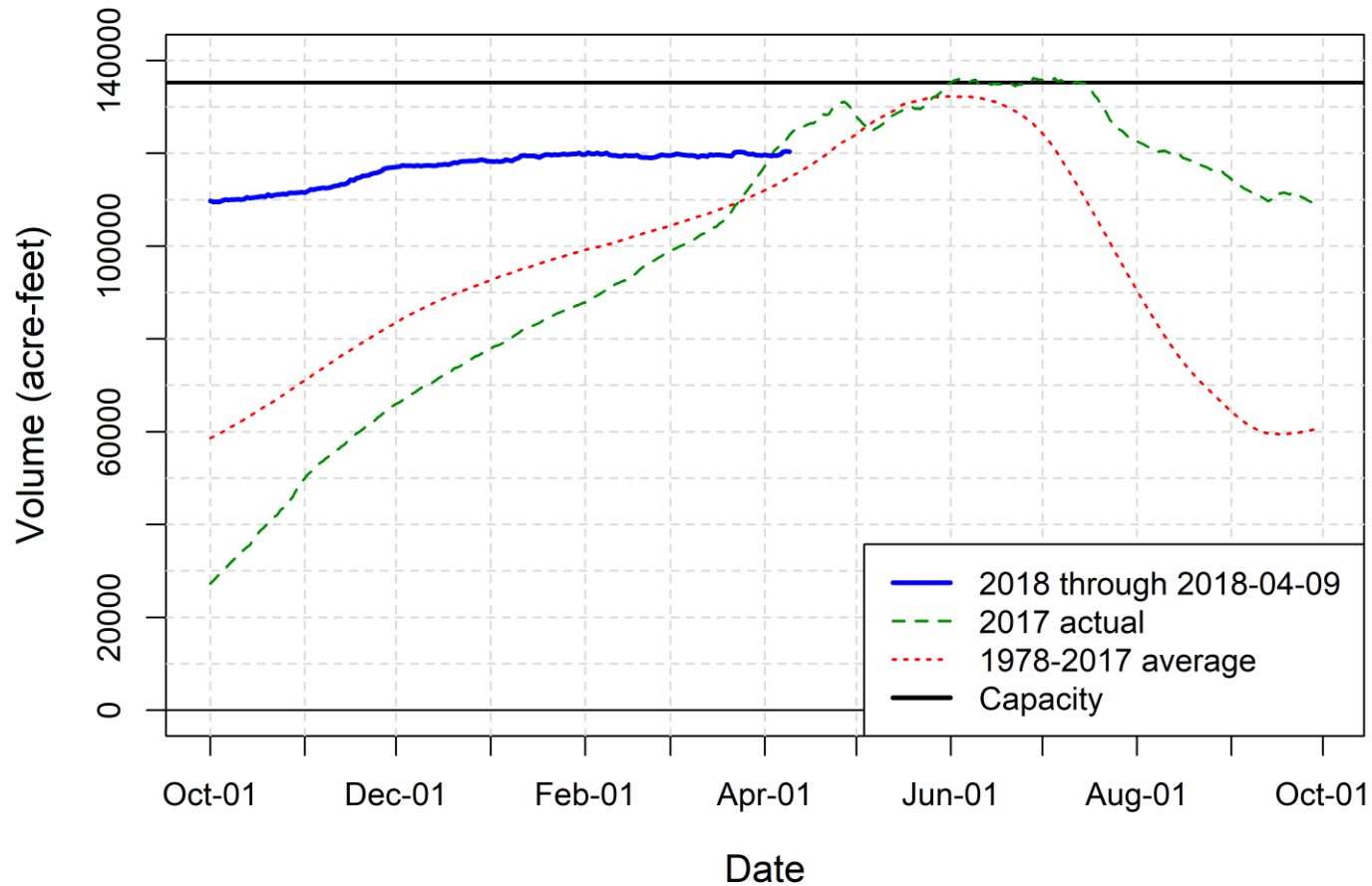


Watershed-total
SWE:
112% of average

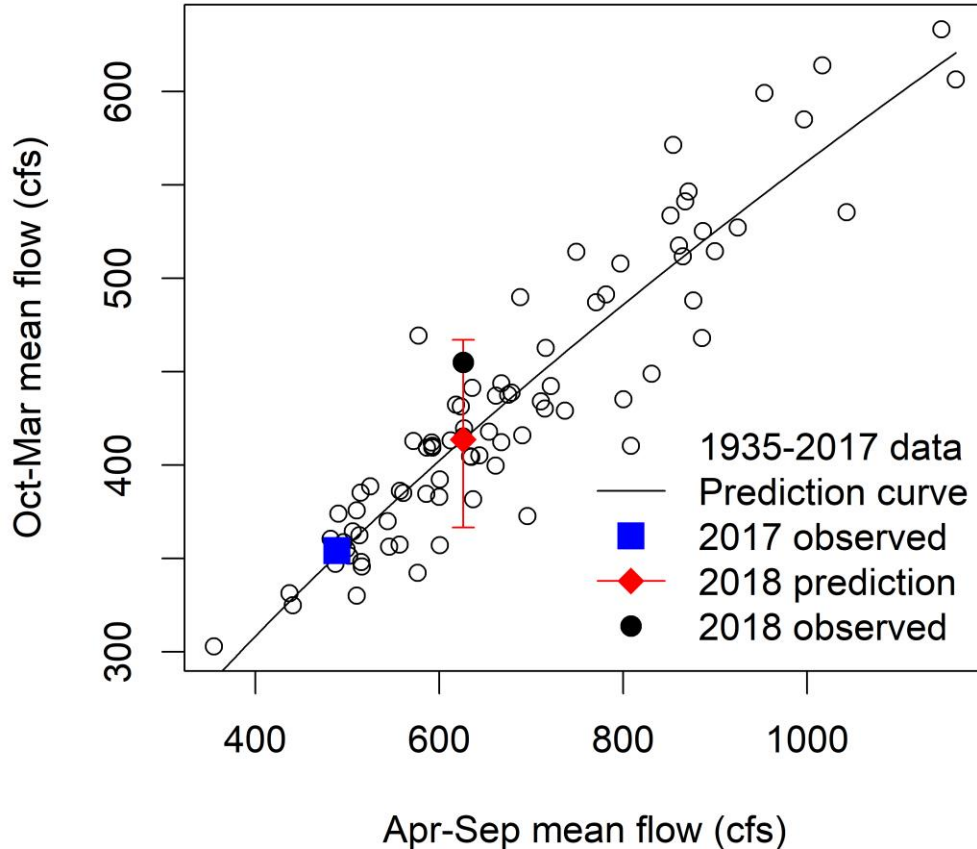
Henrys Lake Volume



Island Park Reservoir Volume



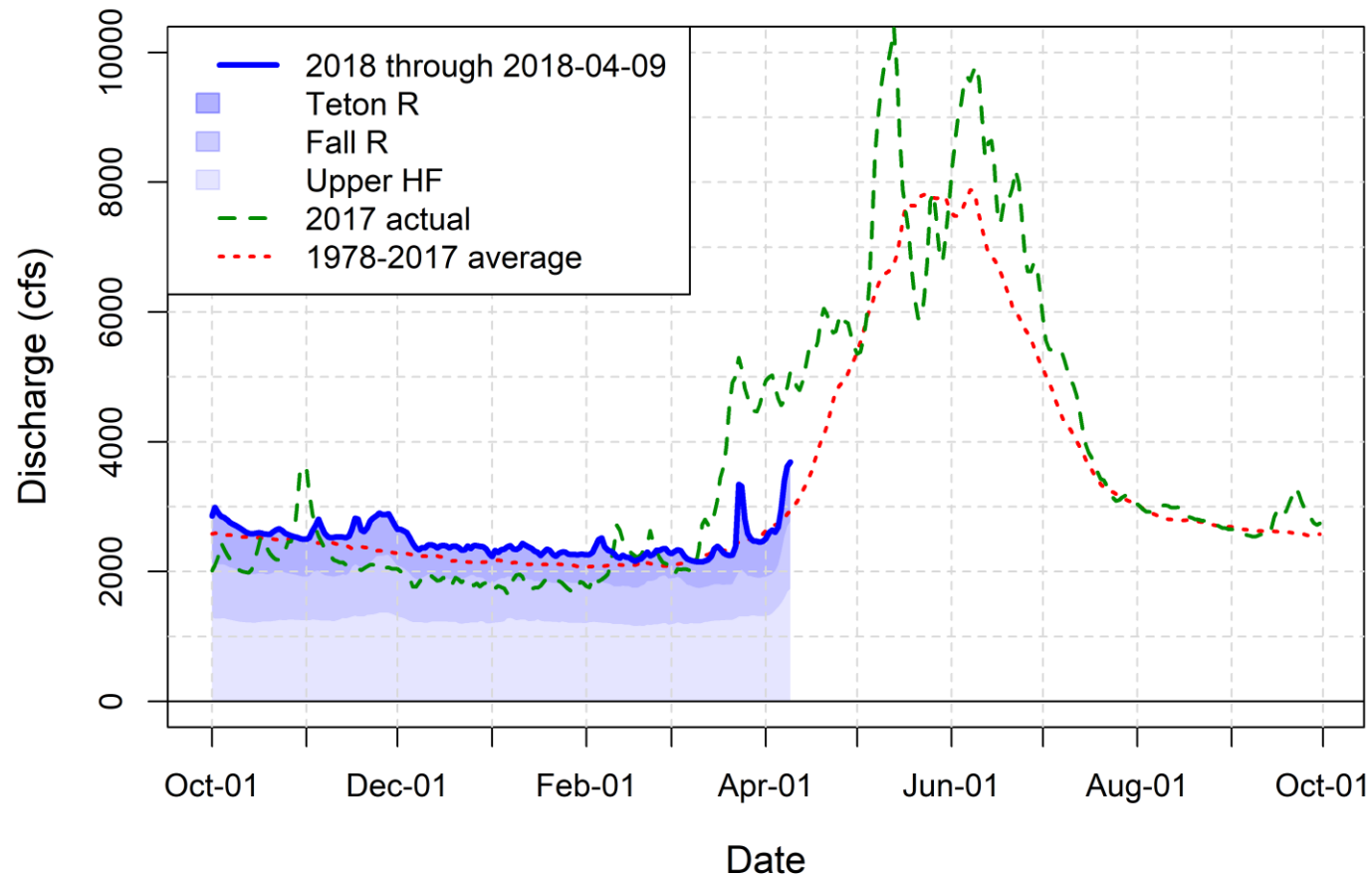
Oct-Mar Henry's Lake to Island Park inflow



Henry's Lake-to-Island Park reach gain is a good indicator of flow at Big Springs and other Yellowstone-Plateau springs.

October-March average was 452 cfs vs. 415 cfs predicted in September.

Henry's Fork Total Natural Flow (Water Supply)



April-September Streamflow Predictions

Subwatershed	Predictors (% of ave.)		Mean April 1 – September 30 natural flow					
			2018 prediction		90% exceedance		2017 observed	
	Baseflow	SWE	cfs	% of ave.	cfs	% of ave.	cfs	% of ave.
Upper Henry's Fork	95%	103%	1,914	99%	1,665	86%	1,828	94%
Fall River	124%	108%	1,651	117%	1,355	96%	1,748	124%
Teton River	123%	103%	1,315	114%	989	86%	1,561	135%
WATERSHED TOTAL			4,880	108%	4,009	89%	5,137	114%

How good are these predictions? Last year's watershed-total prediction was 4,742 cfs vs. observed 5,137 cfs (-8% error)

- Upper Henry's streamflow predicted to be higher than in 2017
- Fall River and Teton River flows predicted to be lower than in 2017
- Watershed-total predicted to be 5% lower than in 2017 but above average
- With 90% probability, streamflow will be at least 89% of average