

May 8,2023 Snow To Flow Update for Teton River

For complete Snow to Flow Relationships see

Snow Melt / Peak Streamflow

Relationships (PDF; 146 KB) - Report by Kara
Ferguson (2017) summarizing the relationship
between snowmelt and peak streamflow timing
on rivers throughout Idaho.

From:

https://www.nrcs.usda.gov/wps/portal/wcc/home/quicklinks/states/idaho/watersupply/peak

And NWS peak flow products and forecasts:

Peak Flow and Stage Forecasts from NWS

Know your boating limits as rivers will be high for an extended period.

SNOW WATER EQUIVALENT IN TETON Similar snow years to Reset Range Link to data: CSV / JSON Station List 2023 are 2019 & 2017 —— Median ('91-'20) Current as of 05/08/2023: — Min % of Median - 113% % Median Peak - 114% Stats. Shading Days Since Median Peak - 25 ____ 2023 (3 sites) Percentile - 82 —— 2022 (3 sites) —— 2021 (3 sites) —— 2020 (3 sites) ---- 2019 (3 sites) (May 27, 26.3) ---- 2018 (3 sites) 2017 (3 sites) (May 27, 22.0) 2019 (3 sites) —— 2016 (3 sites) (May 27, 18.2) Median ('91-... —— 2015 (3 sites) ____ 2014 (3 sites) ____ 2013 (3 sites) ---- 2012 (3 sites) ---- 2011 (3 sites) ____ 2010 (3 sites) ---- 2009 (3 sites) 2008 (3 sites)

Jul 1

Jun 1

Equivalent (in.)

Oct 1

Nov 1

Dec 1

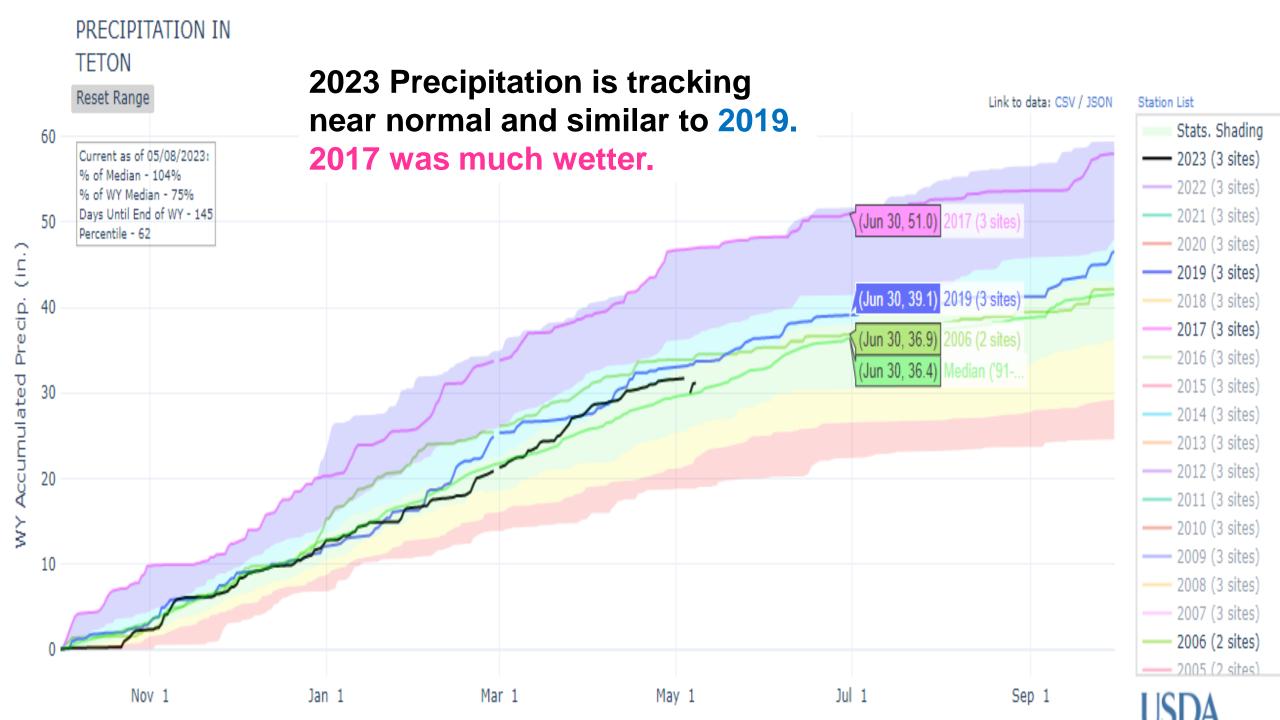
Jan 1

Feb 1

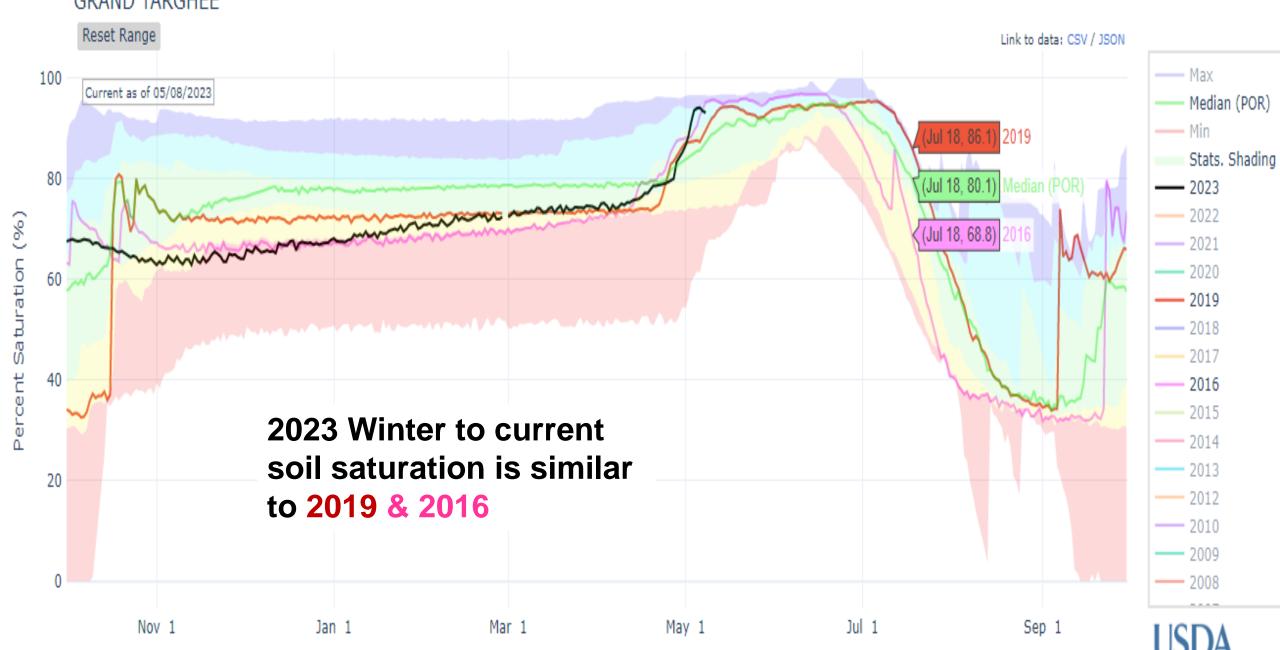
Mar 1

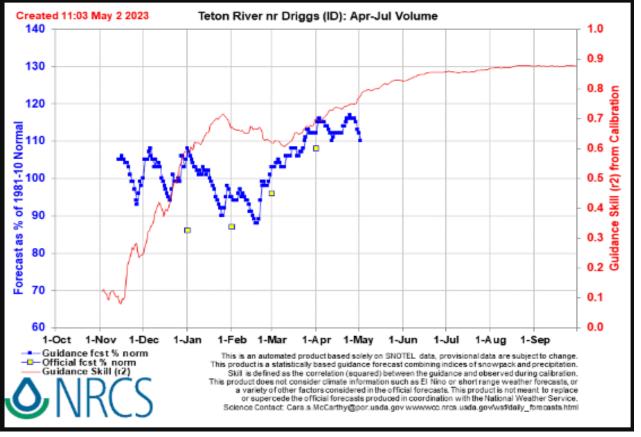
Apr 1

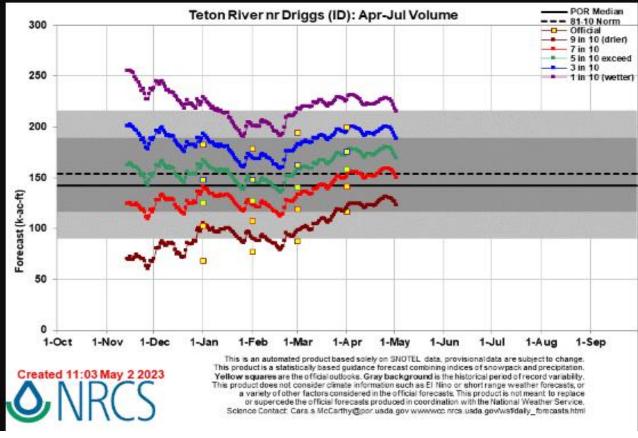
May 1



DEPTH AVERAGED SOIL SATURATION AT GRAND TARGHEE

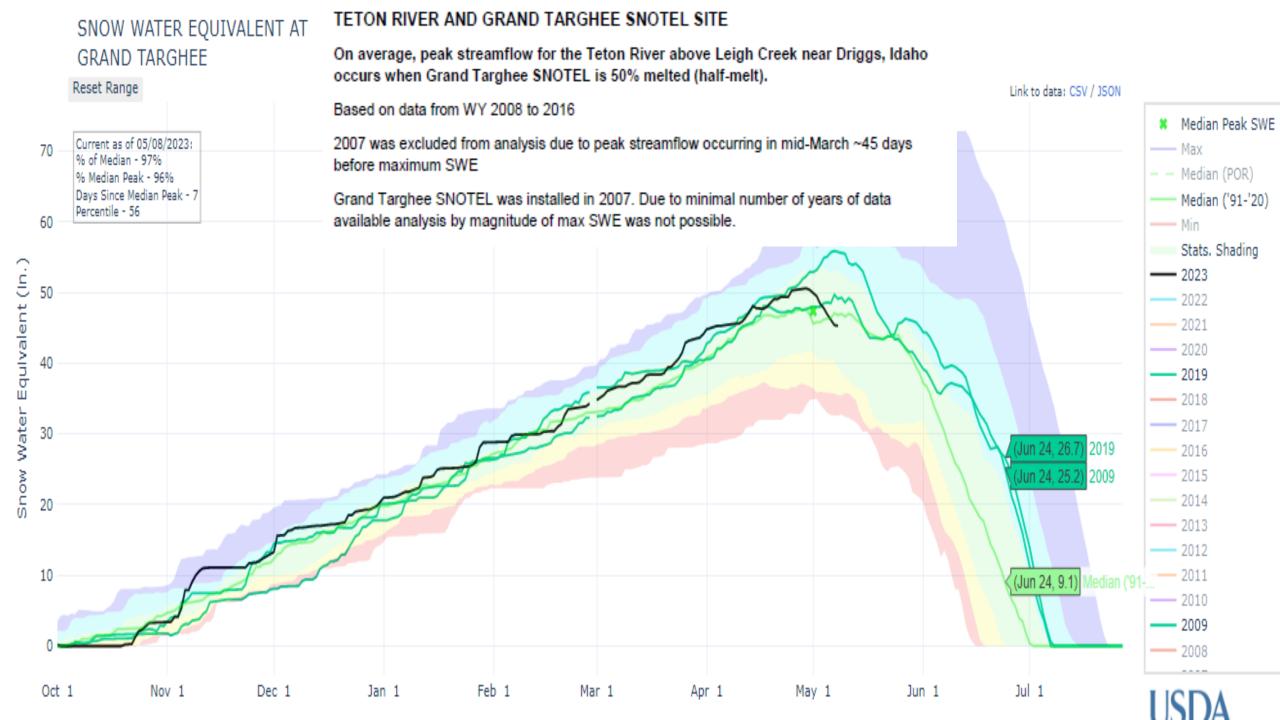


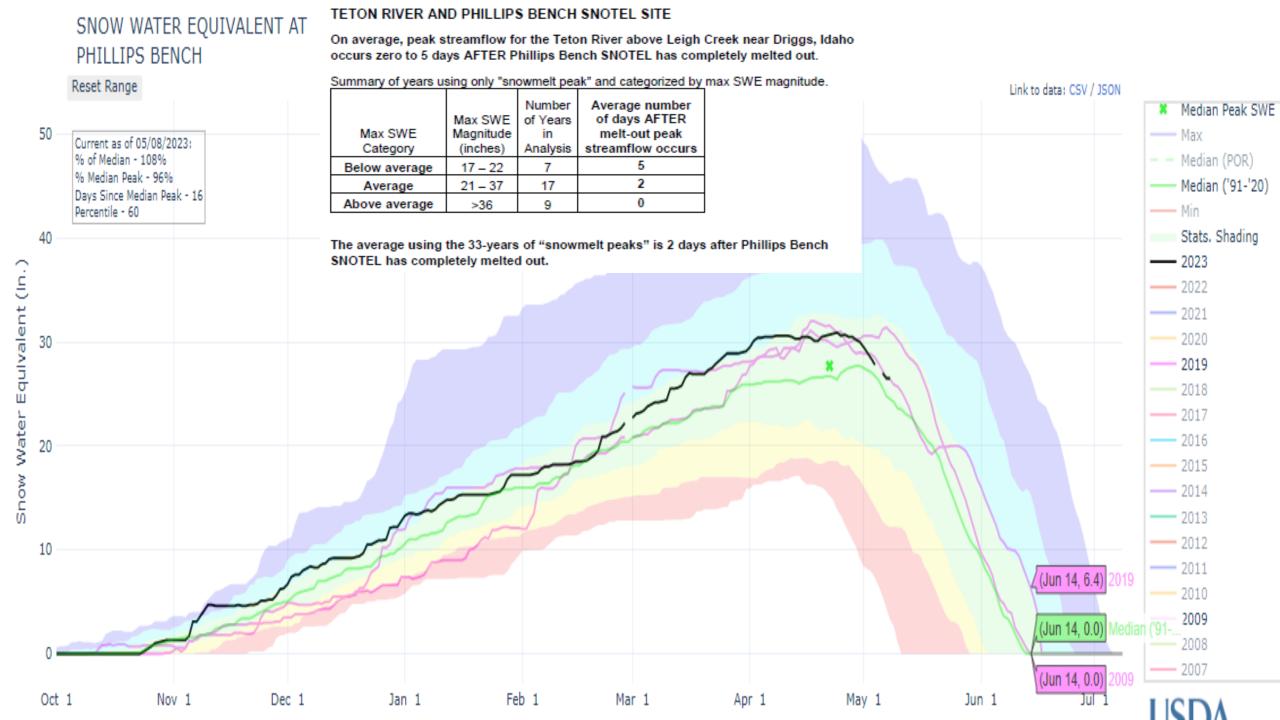




Above Daily Water Supply Forecast for Apr-July Volume. Below are May-July volumes forecast to use in flow graphs May 1 Teton River Forecast – shows there is 80% change May to July volumes will be between 117 to 177 KAF. And 40% chance in the 135 to 159 KAF range. Median forecast is 147 KAF 118% of median.

Upper Snake River Basin Streamflow Forecasts - May 1, 2023								
	Forecast Exceedance Probabilities for Risk Assessment							
<drierprojected volumewetter=""></drierprojected>								: II
Forecast Point	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Median	30% (KAF)	10% (KAF)	30yr Med (KAF)
Henrys Fk nr Ashton 2	MAY-JUL	320	370	405	117%	440	495	345
	MAY-SEP	500	560	600	118%	640	700	510
Falls R nr Ashton 2	MAY-JUL	335	360	380	117%	400	425	325
\	MAY-SEP	420	450	475	116%	500	530	410
Teton R nr Driggs	MAY-JUL	117	135	147	118%	159	177	125





13052200: Teton R above South Leigh Ck near Driggs, ID 2019 May-Jul volume was 103%, 134.9 KAF, Average is 131.4 KAF 2,200 10-25-75-90 2,000 Estimated SimilarYr 1,800 Last Yr 1,600 Projected CFS Current 1,400 Median Mean Daily 1,200 Max-Min 1,000 Updated 8-May-23 800 Similar Year 2019 600 400 200 Apr15 Apr8 May6 May20 Jun3 Jun10 Apr22 May27 Jun24 Jun17

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