

The Down River Report Summary Table

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The Down River Report is a comprehensive report of river flows and water temperatures for the Colorado River and its tributaries. It is published weekly and is available in both print and digital formats. The report is a valuable resource for flyfishers and anglers who rely on the river for their sport.

Hydrological Region Subregion Detailed Section Analysis	Time Period													Today's Medium	Today's Low	Two week change	Two week percent	Two Week Trend Units/day	Weather/Snowpack/River Explorer									
	6/4	6/5	6/6	6/7	6/8	6/9	6/10	6/11	6/12	6/13	6/14	6/15	6/16							6/17	6/18	6/19						
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri							Sat	Sun	6/19						
Colorado	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411
Utah	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123
Arizona	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234
California	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567
Idaho	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890
New Mexico	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345
Montana	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678	678
Washington	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901	901
Wyoming	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123	123
Texas	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456	456

The Down River Report summarizes the most recent week of weather, observed and river flow data for the Colorado River and its tributaries. The data is color coded to optimize rapid assimilation of the information. Historical comparisons of flows and trends are included. With little imagination, the data permits near future empirical predictions of flows across the Western US. Runoff/directions are based on in-depth research and personal experience. Enhancements to the report are nearly daily with many features planned for future releases. Feedback is welcomed and will be properly acknowledged.

"Remotely" is based on extensive research of published/online sources and personal experience. "Remotely" has not yet been completely understood and determination are still underway. Feedback is welcomed. The color codes in this column attempt to express as broad a range of status as possible. Black indicates low flow. Green indicates variable. Red indicates high for average low, or flows considered unsafe except for top experts or the suicidal. If you wonder if you are a trout expert or want to be, this is not the report for you. The report is for the flyfisher who is an expert or a competent angler depending on the year or season. While many people have considered it dangerous at first, it has often had delightful results as a result of the report's direction. © All rights reserved. © 2017.

Data Hypothesis and acknowledgments: A. Gaging location where weather data: American Whitewater Association; B. United States Geological Survey; C. State Division of Water Resources/Colorado Division of Water Resources; D. NOAA River Forecast Hydrograph; E. All About Rivers, Brad Gutmiller/Mc; F. Ruffing the West/WB Hanser; G. Whitewater Campsites/WB Hanser; H. GFK website downloadable into handheld GPS, mostly from Current Location; I. If you need assistance; J. TroutLife/Pedder/Matt W. McCreary; K. CA Cross-Bed/Bill; L. Trout/Rock Report; M. Trout Report; N. Official website where information, patterns and maps may be obtained; O. iMac/iMacintosh map and trip report software; P. Goodbook or map available from Downriver Explorer; Q. Various other sources; R. Ruffing in Colorado website; S. Cano and Rayak Magazine; T. Ruffing website; U. Regulations (e.g. Prohibit Fishing, "No Motorboats" etc.).

Small data from high country and headwaters is summarized by the top two rows. Blue color codes indicate water temperatures which contribute to the understanding and forecasting of flow or dropping flow/distance flows. The top two rows value is total inches of water in the snow pack for all listed sites in the state. The middle line value indicates total rainfall on all water sites in a given day. The right top line value is total inches of rainfall over the entire winter. The left top line value is the average temperature for all listed sites in the state. The bottom two lines are the average temperature for all listed sites in the state. Precipitation is the number of inches of water in the snow pack. The water equivalent/precipitation (snow) is the number of inches of water in the snow pack. * indicates that greater than 50% of the water in the basin are not reporting, especially insufficient data to properly determine the SWR.

All daily river flow data represents the current date and are averages reported in CFS unless otherwise noted. (See: Valley/Park/MT/SL/NOV/Log/Pre/Post/Report). The current date is the instantaneous flow at the time indicated. River flow was sourced from the USGS unless noted (Colorado Division of Water Resources, US Forest Service, Trout Report, Colorado rivers are categorized north to southwest to help, as possible, avoid the confusion of water sources that either add or are reported to runoff events.)

Units: "remotely" indicates that stream conditions are generally consistent with a normal upstream dam with a temporary release scheduled according to hydrological demands. The Hypothesis matrix is a matrix of hyper links designed to provide instant access to the best available on-line information concerning the river on a link appears. The Hypothesis matrix is a matrix of hyper links designed to provide instant access to the best available on-line information concerning the river on a link appears.

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The Down River Report Graphs

Two Week Plots by State of

Temperatures (Min, Average with Trendline, Max), Precipitation and SWE with Trendline

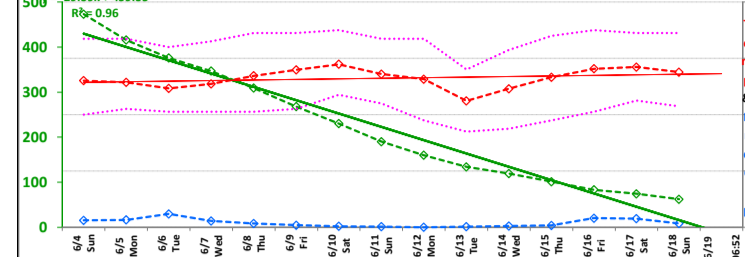
(IN FUTURE, ADD STATE DISCHARGE INDEX (sum of cfs of index rivers by state))

Colorado

114 Snotel Sites@10188'

$$y = 0.203x + 51.314$$

$$R^2 = 0.069$$

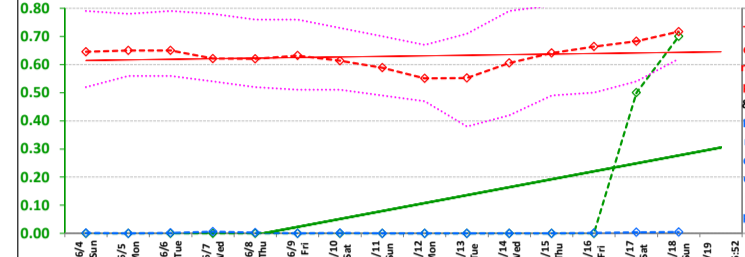


Arizona

39 Snotel Sites@8104'

$$y = 0.03x - 0.15$$

$$R^2 = 0.35$$

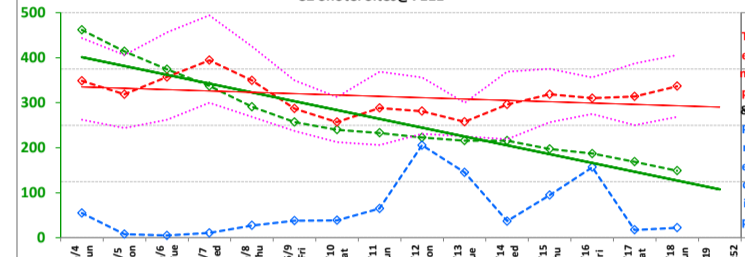


Idaho

82 Snotel Sites@7111'

$$y = -19.57x + 420.90$$

$$R^2 = 0.89$$

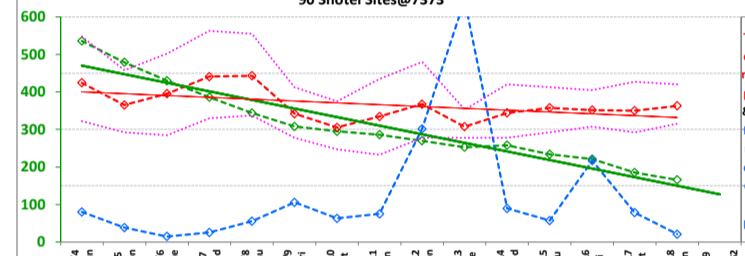


Montana

90 Snotel Sites@7373'

$$y = -22.86x + 492.92$$

$$R^2 = 0.92$$

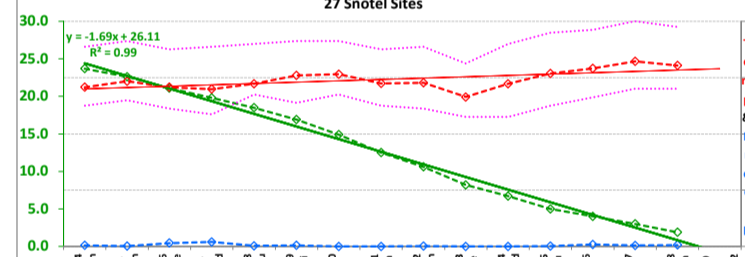


New Mexico

27 Snotel Sites

$$y = -1.69x + 26.11$$

$$R^2 = 0.99$$

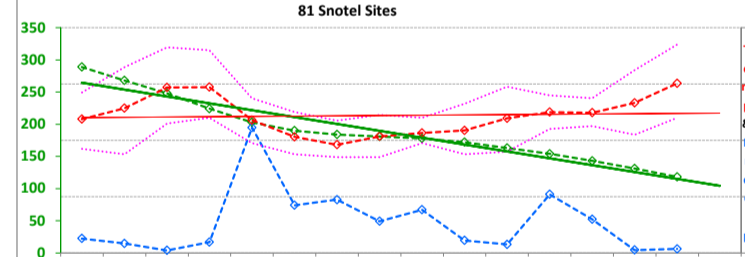


Oregon

81 Snotel Sites

$$y = -10.66x + 275.05$$

$$R^2 = 0.94$$

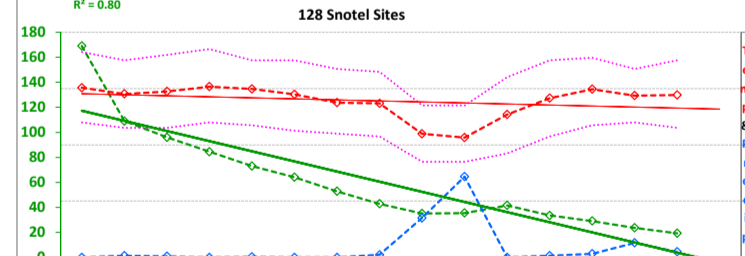


Utah

128 Snotel Sites

$$y = -8.10x + 135.41$$

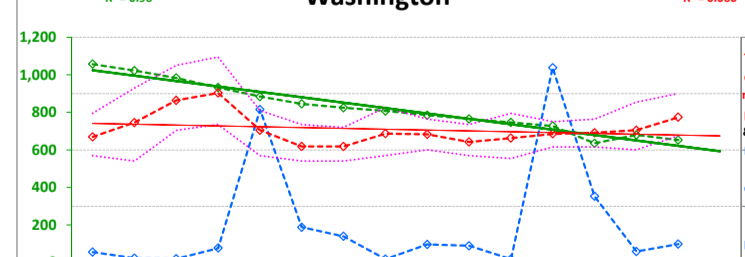
$$R^2 = 0.80$$



Washington

$$y = -28.82x + 1,053.61$$

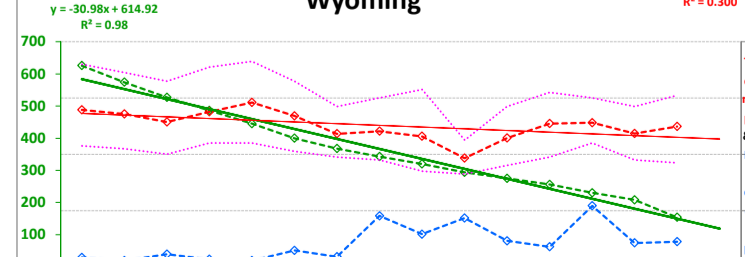
$$R^2 = 0.96$$



Wyoming

$$y = -30.98x + 614.92$$

$$R^2 = 0.98$$



Two Week Plots by Basin of Percent of Average

Precipitation with Trend Line, SWE with Trend Line and Rivers' Historical Flow Index with Trendline

(In future, compute snotel percent of average temp and plot red.)

