

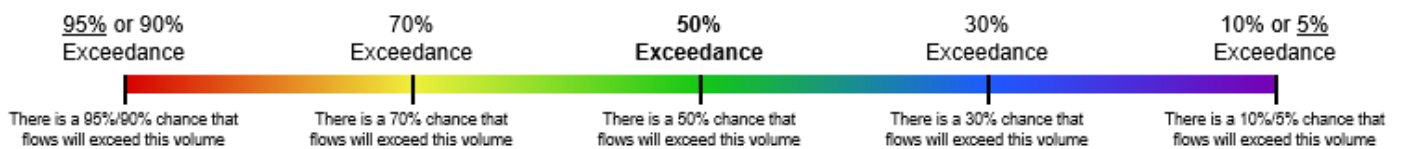
What's New?

Forecasts are now being released in a new graphical format. If you are uncomfortable with this new format, the old format can still be found [here](#).

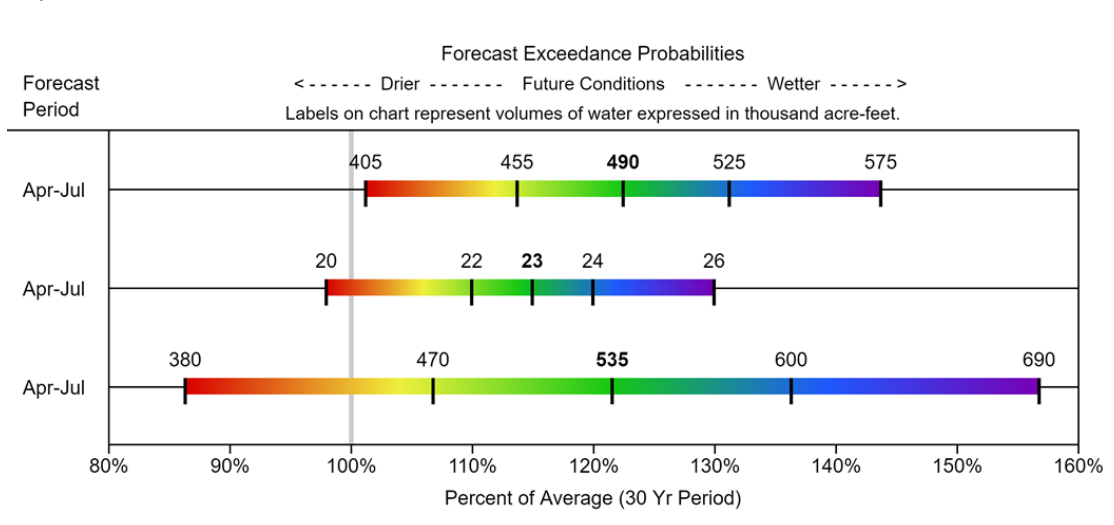
Prior to 2019 the NRCS presented streamflow forecasts in a table format showing the five exceedance probabilities compared to the 30-year average as follows:

Forecast Exceedance Probabilities for Risk Assessment							
Chance that actual volume will exceed forecast							
Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
APR-JUL	315	375	420	187%	460	525	225

The newer forecast chart provides a visual alternative to the table. The forecast range is represented by a colored bar. Vertical lines on the bar signify the five forecast exceedances.



Below is an example. The numbers above the vertical bars are the forecasted flow volumes in acre-feet (KAF) for each of the five exceedance probabilities. The percent of average of each forecasted exceedance can be found on the horizontal axis. The gray line centered above 100% on the horizontal axis represents the 1991-2020 historical average for the forecast period.



In this example, almost all the forecast bars in the basin are shifted right of the gray vertical line indicating forecasts are above average. The 50% exceedance is represented by the black line in the green portion of the colored bar. For the top most forecast, this represents a forecast volume of 490KAF, which is ~123% of average. If drier than normal future conditions occur the 70% exceedance forecast may be more likely (455KAF or ~114% of average). If future conditions turn wetter than normal, the 30% exceedance forecast may be more likely (525KAF or ~132% of average). Water users are encouraged to consider the range of forecast exceedances instead of relying solely on the 50% forecast.