

WY2023 Water Resource Update - Nov 30, 2022

Summary:

- Productive first half of November, but dry since
- Snowpack is below normal, but that will change after this current storm
- April-July runoff projections are still near average
- Future weather prospects

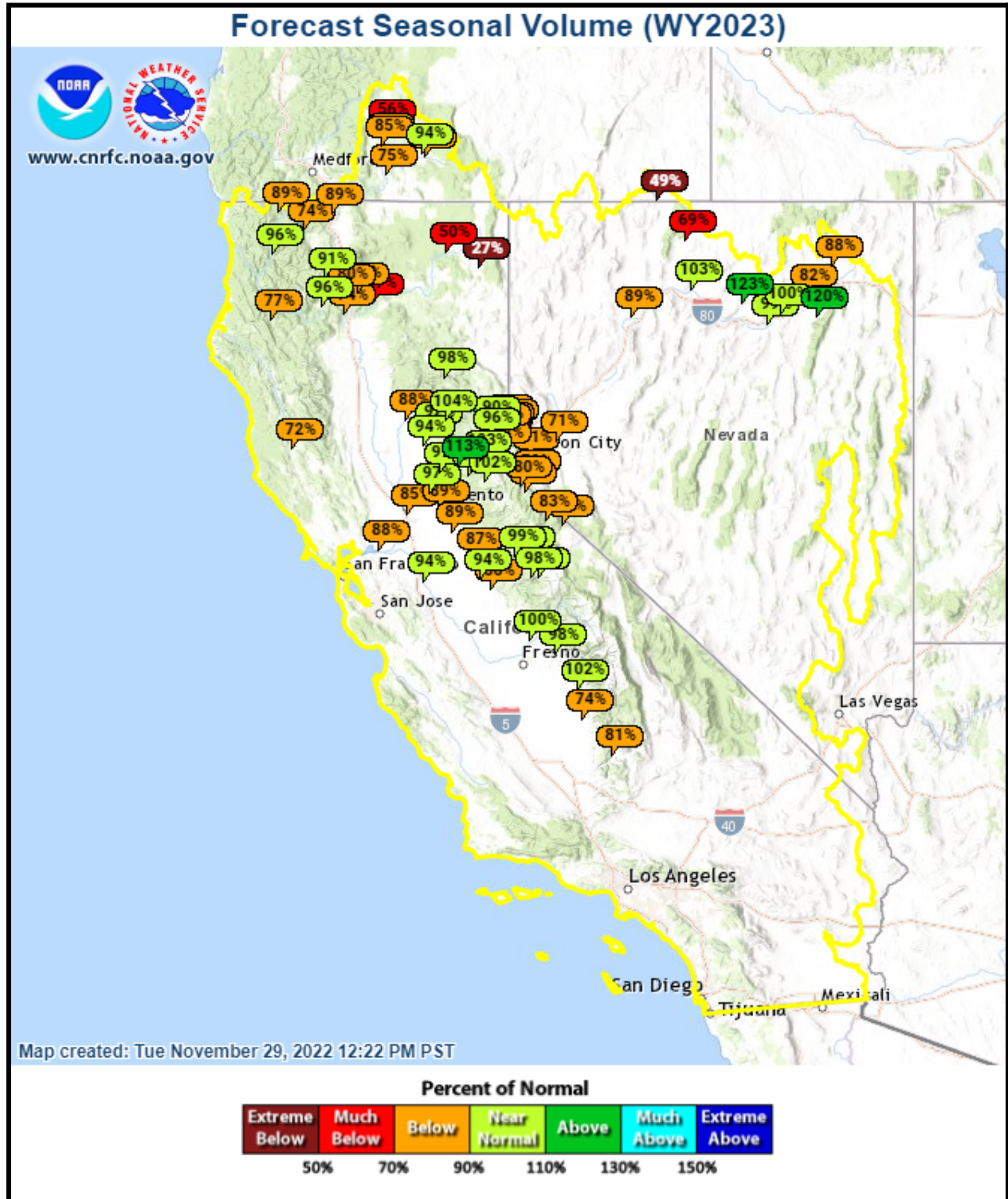
Details:

October started off very dry, but the first half of November was fairly wet getting precipitation indices up near normal by mid-November. However, two weeks of dry has brought water year precipitation amounts to fall below normal. Current snowpack tells a similar story ranging from nearly 50% in the Northern Sierra to 90% in the Southern Sierra (see below). However, this will definitely change with the upcoming storm. Snowpack could increase to 100-150% of normal-to-date after the storm, and 20-25% of the April-July average.



*source from CDEC

Current April-July runoff projections, which take into account near-term weather forecasts, are ranging from 80-100% of normal for much of the region with a few anomalies above and below that range. Let's hope that December continues to trend wet, and continue to see these April-July projections to continue to trend upwards.



Right now, we expect 3-5 inches of precipitation in the Sierra through the weekend, and CPC is indicating below normal temperatures and above normal precipitation for the 8-14 day outlook. These look like great snow producer conditions. Let's hope this trend continues!

