2020 Water Year

- Near-normal temperatures statewide (+0.3°F)
- Near-normal precipitation averaged statewide (93% of normal) but considerable regional variation
  - Benton county average: 64% of normal (9\textsuperscript{th} driest on record*)

*records since 1895
July 2020

- Mostly cooler than normal in western and eastern WA; pockets of warmth in central WA (+0.1 F statewide)
- Virtually no rain in south-central WA (40% normal statewide)
Latest Set of Week 3-4 Forecasts from CFSv2

Weak signal early and slightly enhance westerly flow late; minor indication of warm and dry weather for the Pacific NW in week 3
Downward Shortwave Flux at Surface Anomaly, Week 1-4, Next 1-28 Days
2020/08/06 - 2020/09/02

Multi-ensemble mean from 48 downscaled CFSv2 ensemble forecasts - forecast made 12Z-02-Aug-2020 to 6Z-05-Aug-2020
Sea Surface Temperature Anomalies

29 Jul 2020

Sea Surface Temperature Anomaly

-5°C to 5°C

Latitude

Longitude

120°E 150°E 180° 150°W 120°W 90°W
ENSO Predictions

Mid-July 2020 IRI/CPC Model-Based Probabilistic ENSO Forecasts

ENSO state based on NINO3.4 SST Anomaly
Neutral ENSO: -0.5 °C to 0.5 °C

Model Predictions of ENSO from Jul 2020

IRI/CPC
Experimental Sub-Seasonal Forecasts

**Temperature**
- 15-21 Aug
- 22-28 Aug

**Precipitation**
- 8-21 Aug
- 15-28 Aug
Final Remarks

- Water year 2020 slightly warmer than normal for central portion of the state; quite dry east of the Cascades
- Low soil moisture east of the Cascades especially near Columbia River, as reflected by US Drought Monitor
- Tropical Pacific is on the cool side; weak-moderate La Nina seems increasingly likely by fall
- Temperatures expected to run warmer than normal during the remainder of summer but not to an extreme
- Squirrels destroyed all my plums long before they were ripe; all I had was a five-iron and limited patience