

OREGON



WATER RESOURCES
DEPARTMENT

Drought Status Update

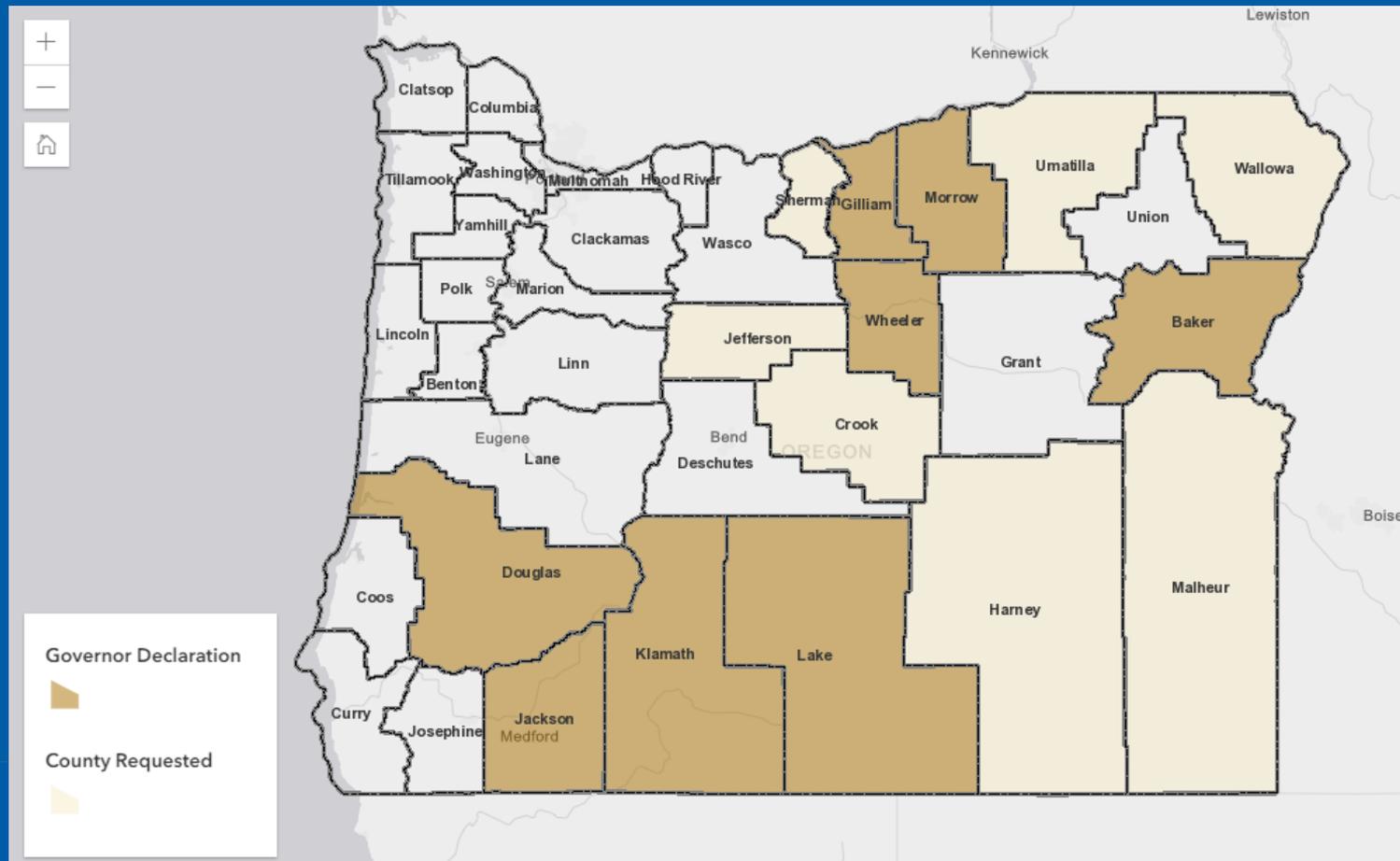
Water Resources Commission Meeting
June 3rd, 2021

Ryan Andrews & Rachel LovellFord

Drought Declarations



8 state declarations, 8 local declarations (including Deschutes County)



State of Oregon GEO, Esri, HERE, DeLorme, FAO, NOAA, USGS, Bureau of Land Management, EPA, NPS | Bureau of Land Management (BLM), Oregon State Office

Powered by Esri

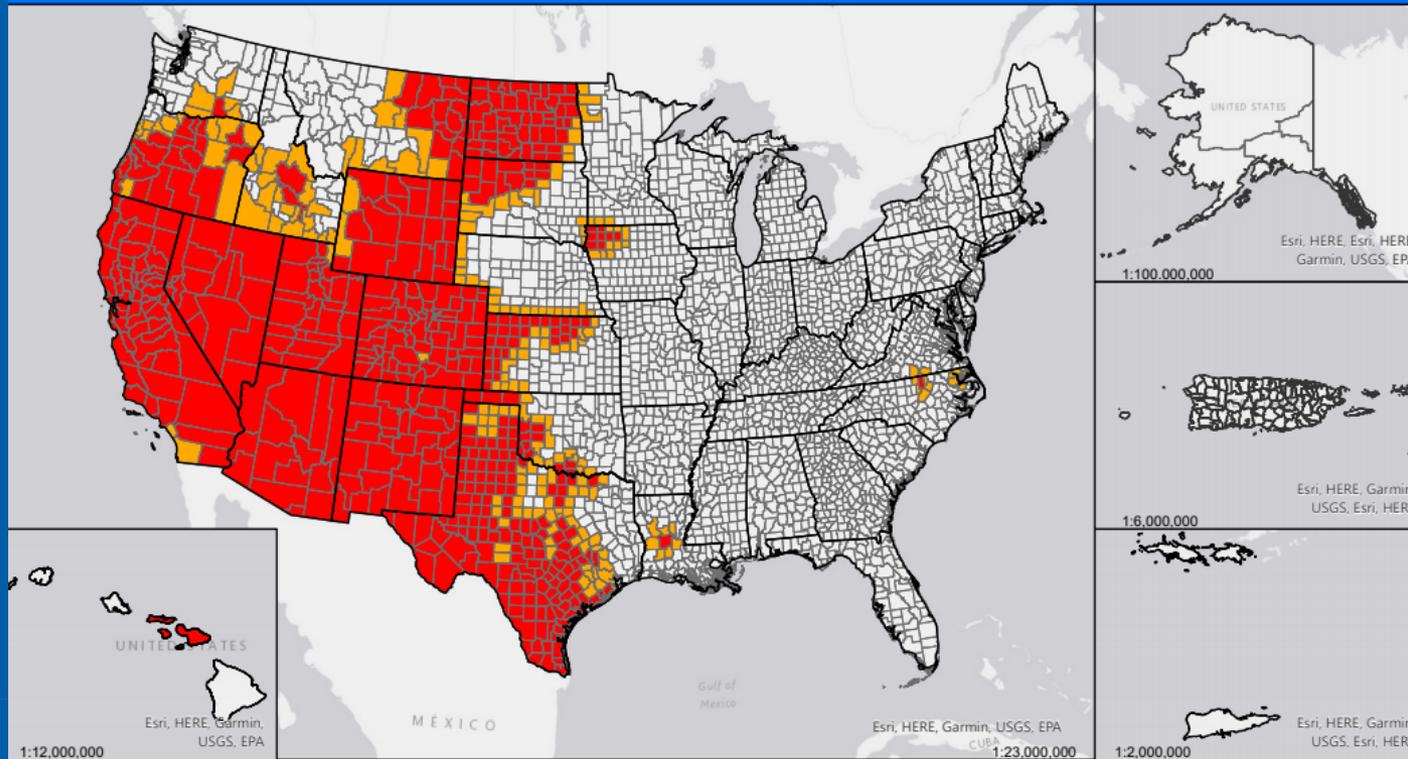
USDA Crop Disaster

USDA Crop Disaster declarations make federal assistance funds available



Secretarial Disaster Designations - CY 2021

Primary and Contiguous Counties Designated for Crop Disaster Losses



All Secretarial Designations as of May 12, 2021

Total All Crop Approval Designations



United States Department of Agriculture
Farm Service Agency
Program Delivery/Safety Net Division
June 1, 2021
May 12, 2021

■ Primary Counties: 533
■ Contiguous Counties: 210

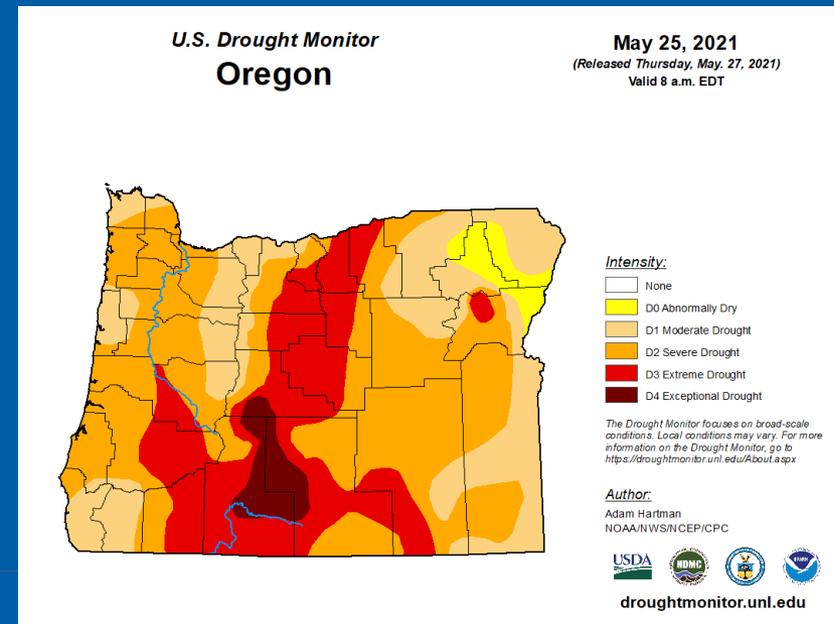
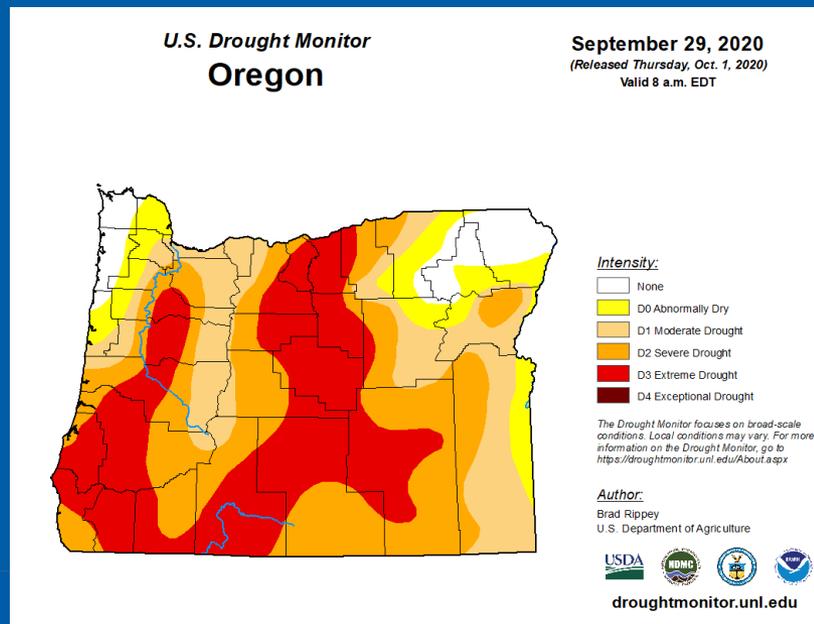
US Drought Monitor



Drought conditions persisted throughout winter

September 29, 2020

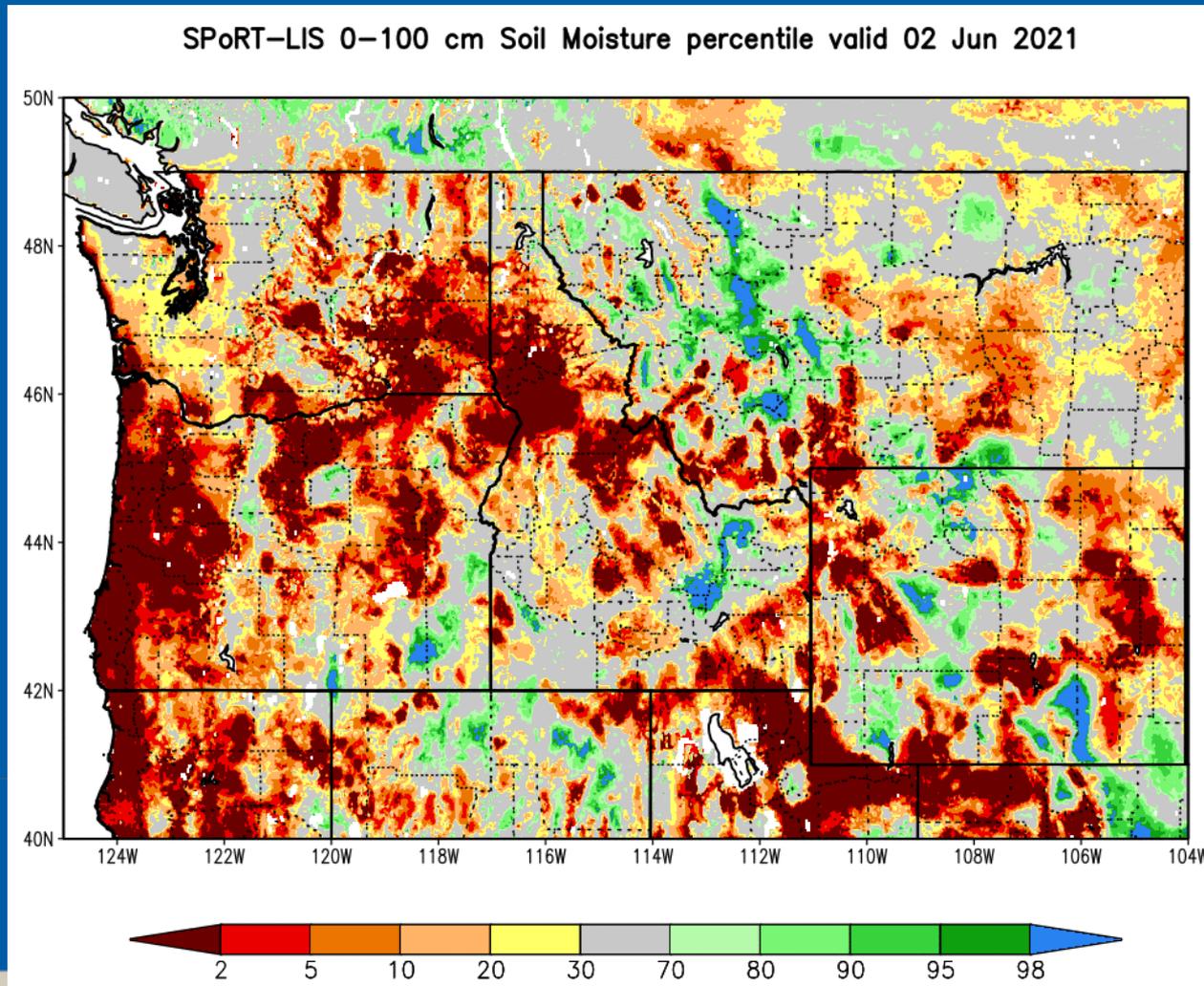
May 25, 2021



Source: US Drought Monitor

Soil Moisture Profiles

Dry soil profiles persisted throughout winter



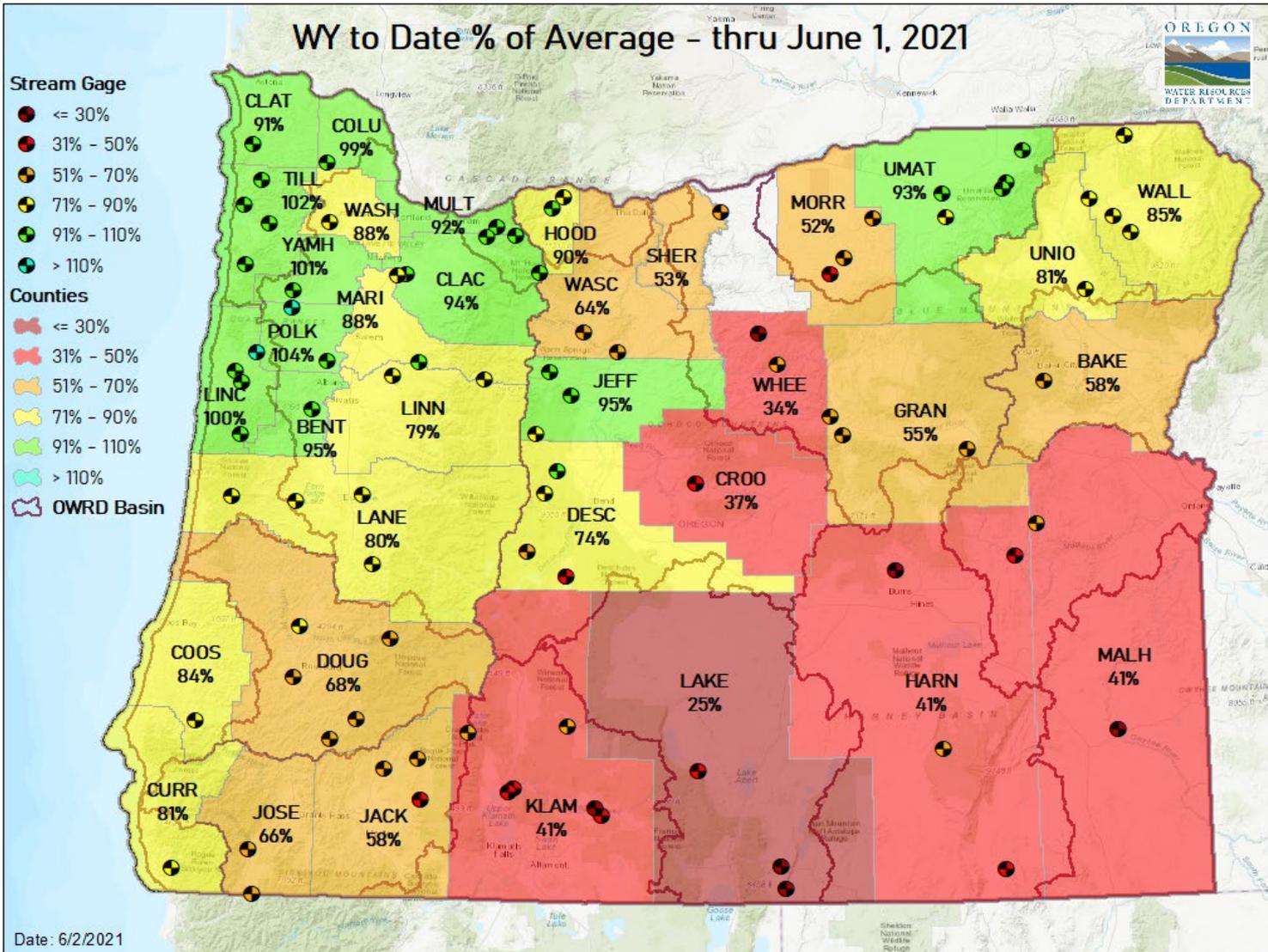
Reservoir Storage



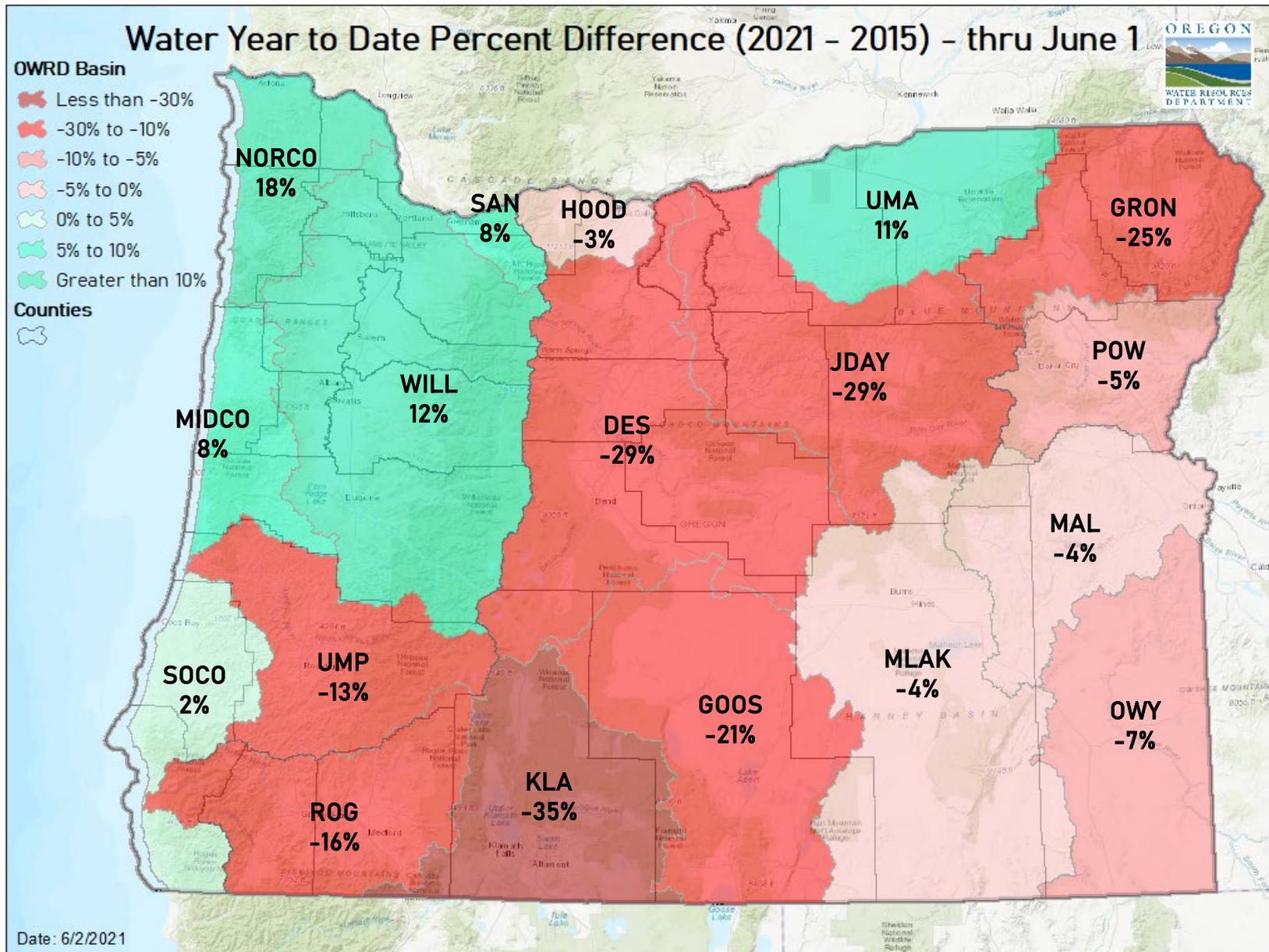
- Poor reservoir carryover in Powder, Deschutes, Crooked, and Rogue systems
- Winter fill rates less than historical average
- Contingency planning and stakeholder outreach began as early as February
- Reservoir operations impacting minimum flows for upcoming summer and winter

% of Average Streamflow by County

Base period: 1981-2010



Drought Comparison



Questions?

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