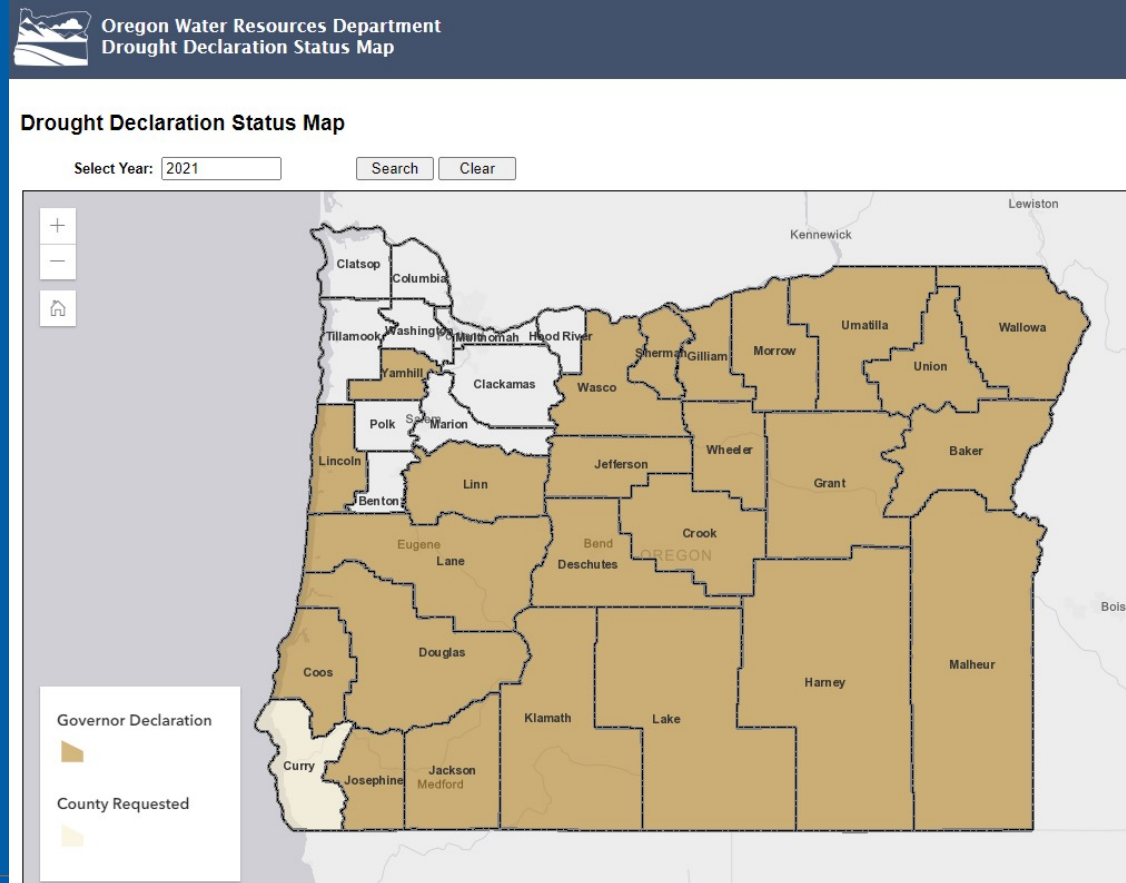


Oregon Water Resources Department & Drought



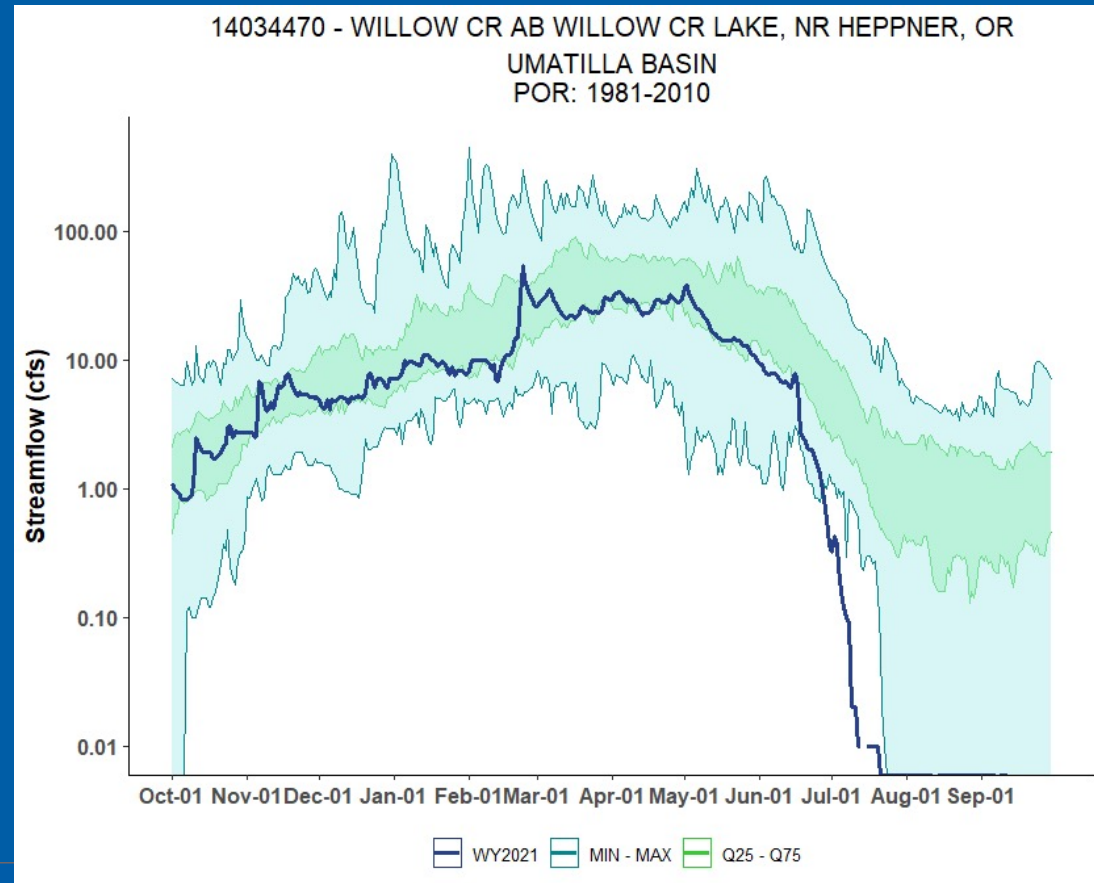
- Evaluate statewide water supply conditions
- Provide tools for dealing with water supply challenges
- Increase preparedness and resiliency to drought
- Develop drought-related resources



Multi-Year Drought Risks



- Impacts arrive sooner and are more severe
 - Earlier regulation, stream drying
- Increased reliance on supplemental and groundwater drought permits



OWRD Drought Planning

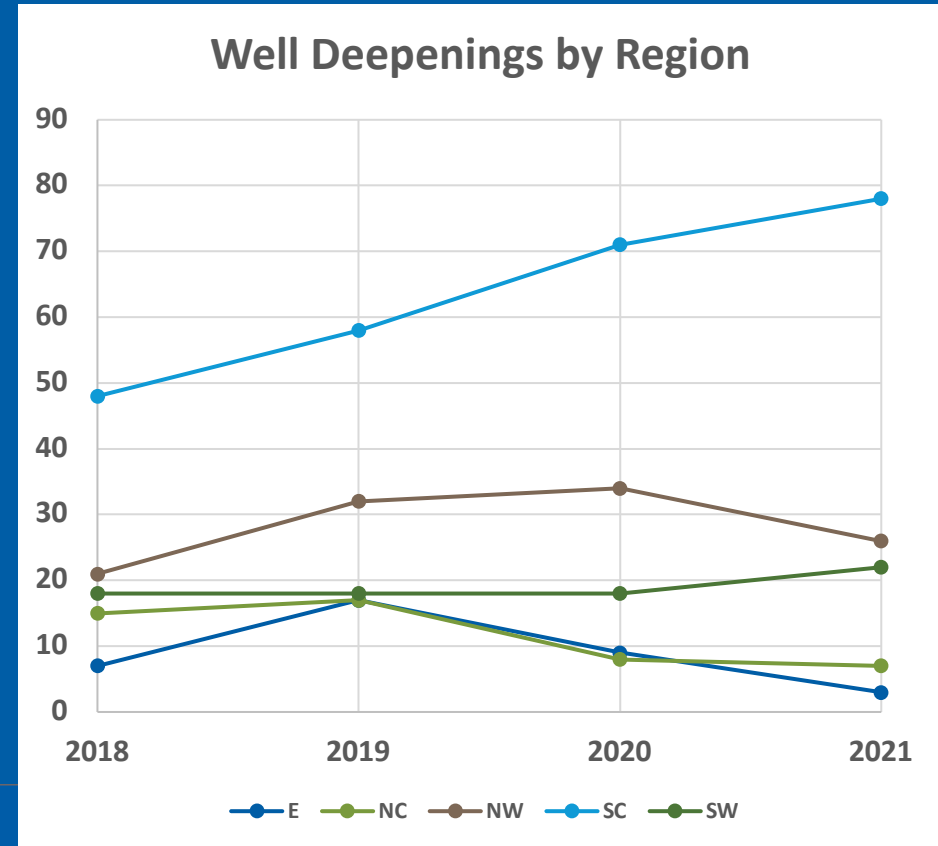


- Interagency collaboration
 - Coordinated messaging on drought conditions and impacts
- Develop water supply emergency planning guidance
 - Identify potential solutions for local jurisdictions
- Support regional planning efforts and encourage conservation planning

Using Available Information to be Prepared



- Identify vulnerable community water systems
- Identify gaps and opportunities in funding programs
- Evaluate trends in available data
 - Stream gaging network
 - Well logs

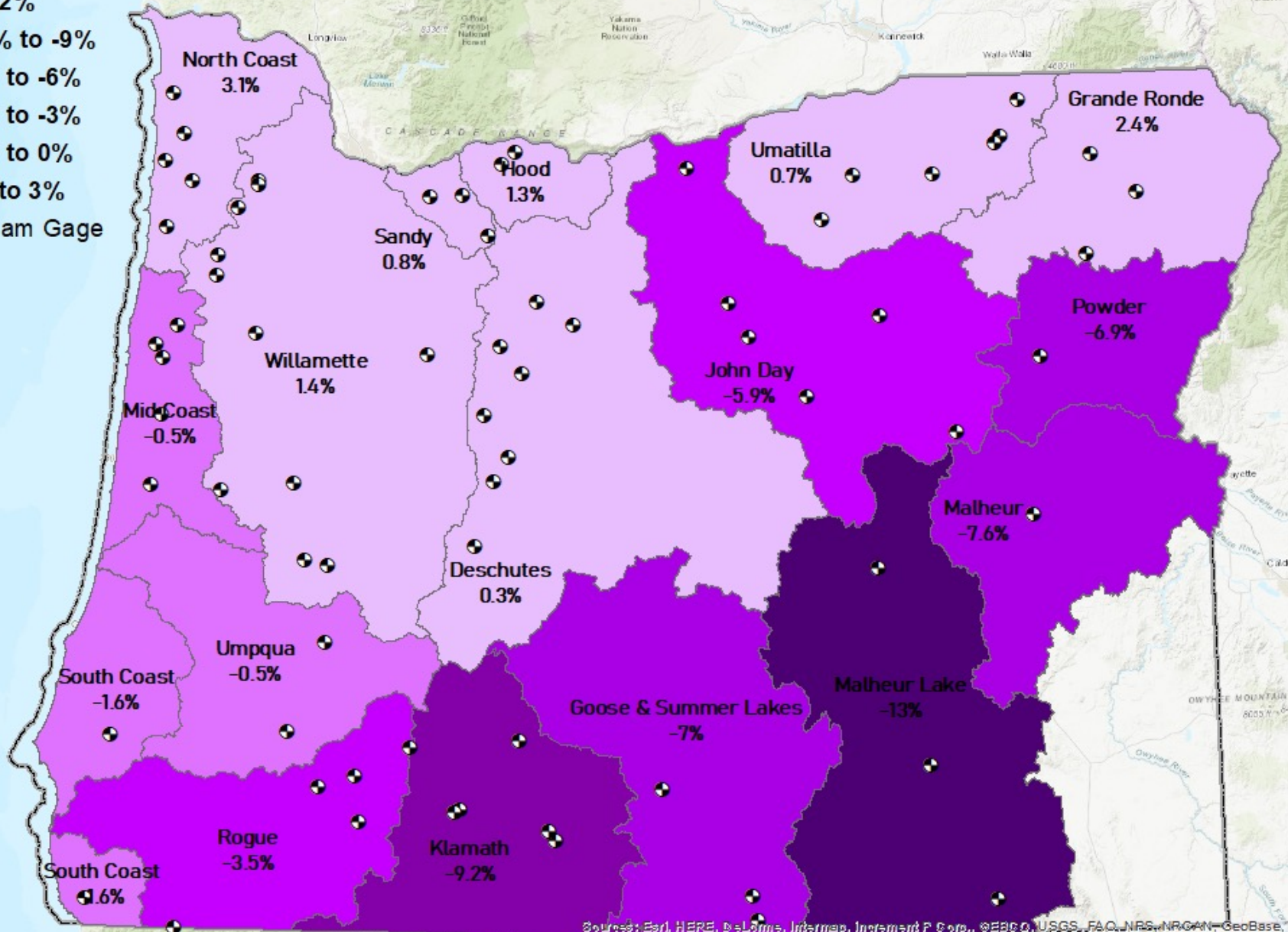


OWRD Basins

Percent Change

- < -12%
- 12% to -9%
- 9% to -6%
- 6% to -3%
- 3% to 0%
- 0% to 3%
- Stream Gage

Percent Change Mean Annual Flow Between Base Periods 1981-2010 to 1991-2020



Source: Esri, HERE, DeLorme, Intermap, increment P Corp., ©BGC, ©USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swis stopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community