



**Oregon's been
in a drought,
help us out.**



**Water Resources Commission Meeting
November 19, 2015**

**Racquel Rancier
Senior Policy Coordinator**

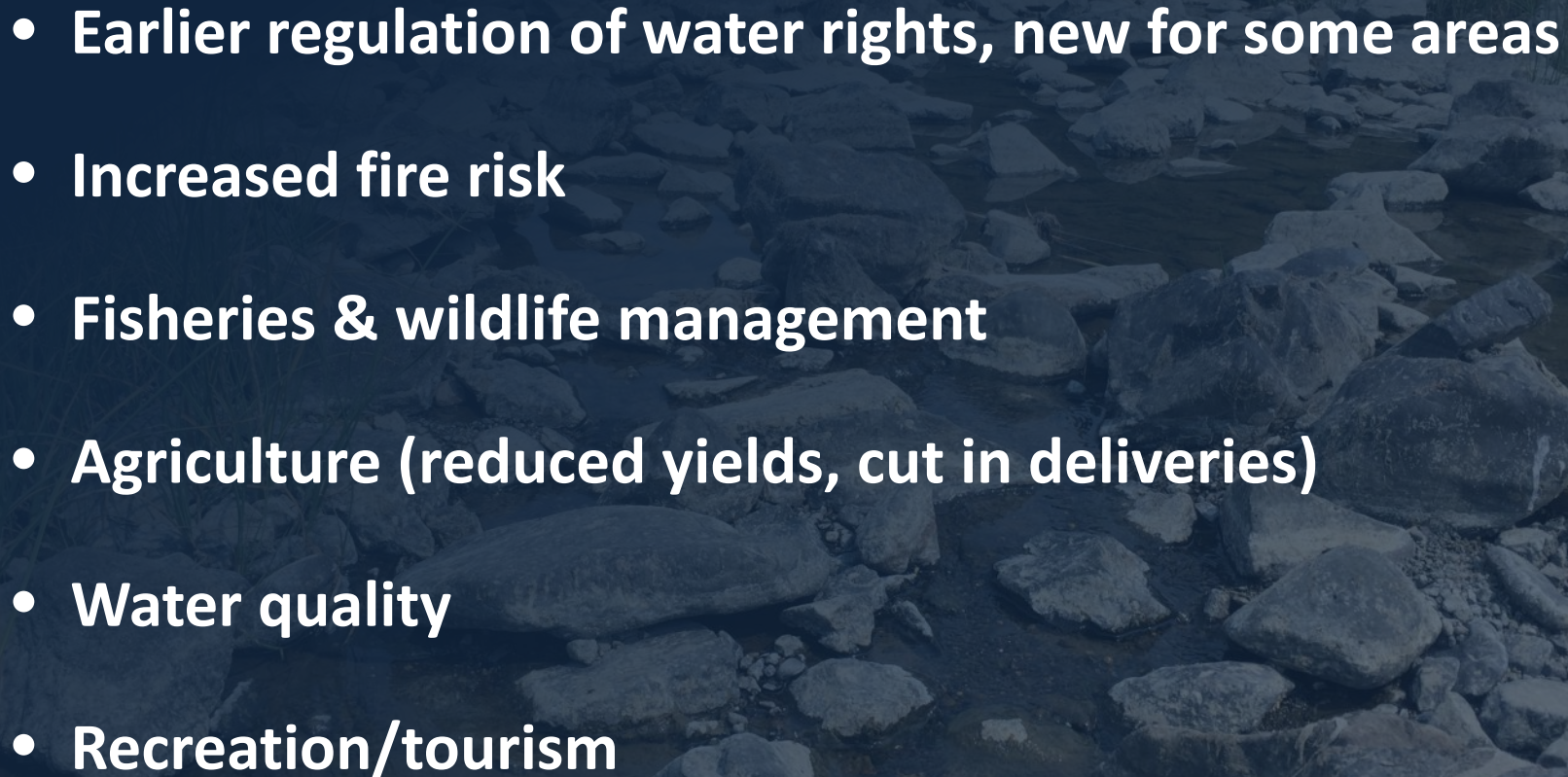


**Conserve Water –
Even when it rains.**

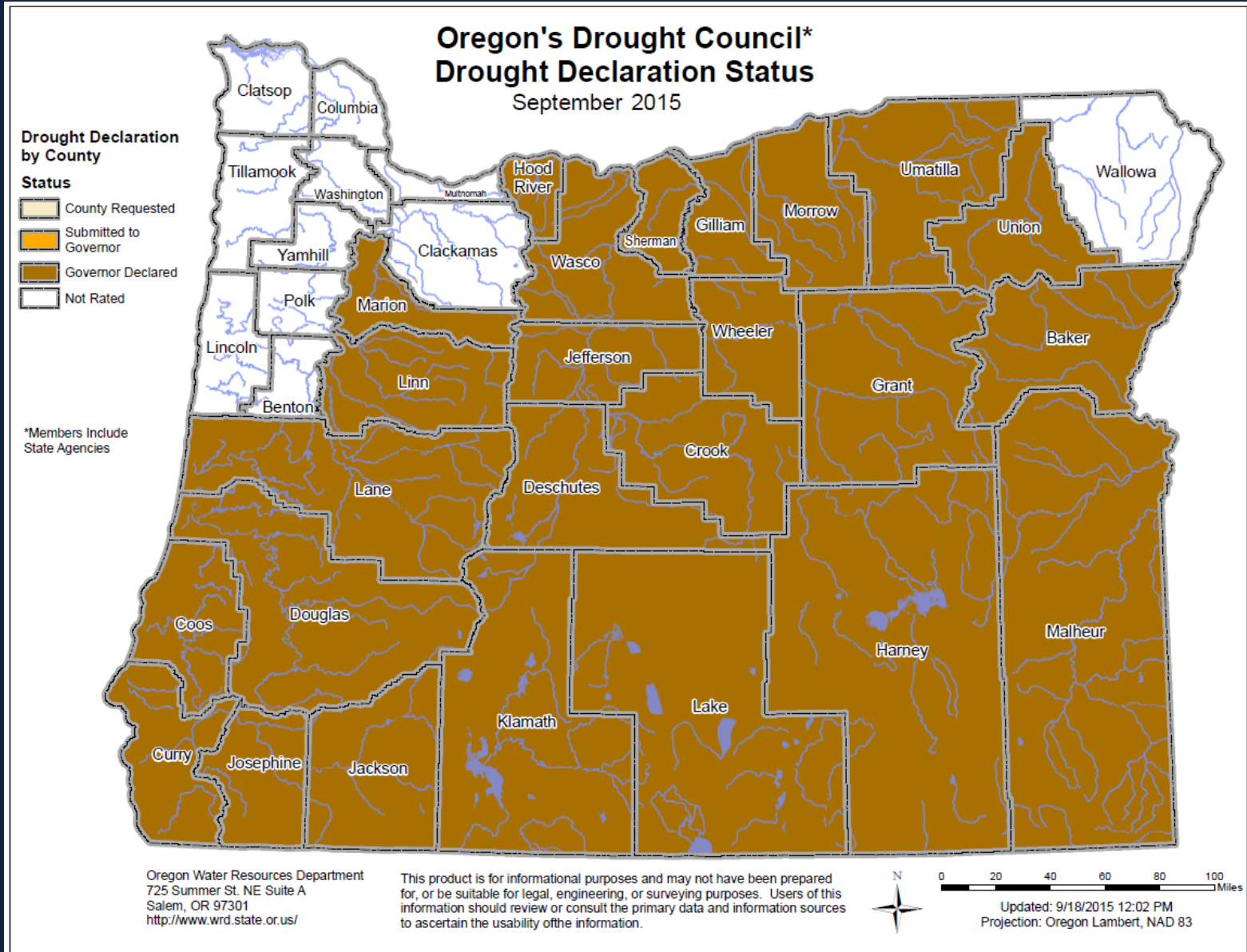
Outline

- **Recap of the 2015 Water Year**
- **Executive Order 15-09**
- **Perspectives from State Agencies**
 - **Oregon Department of Fish and Wildlife**
 - **Oregon Department of Agriculture**
 - **Oregon Health Authority**
 - **Oregon State Marine Board**

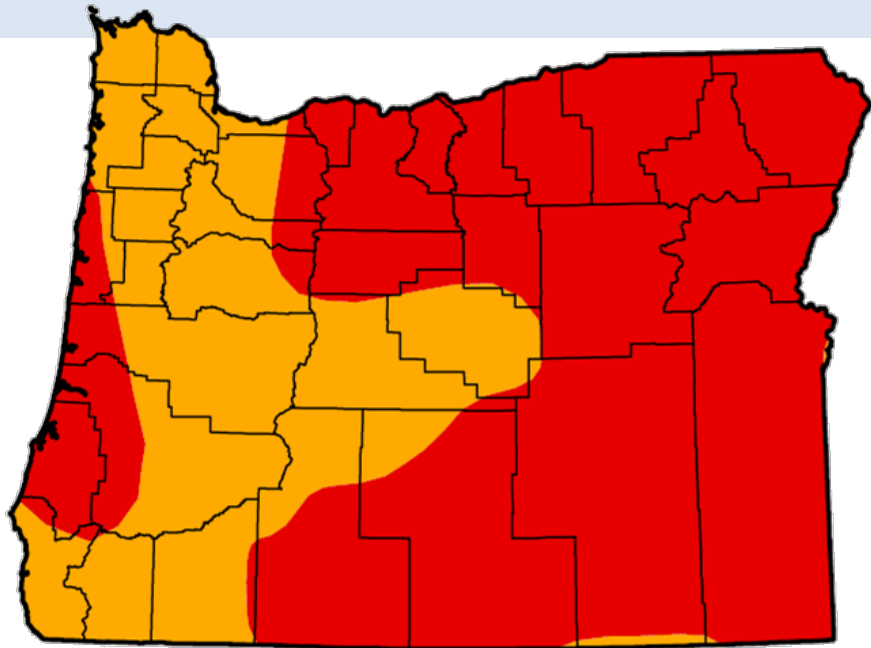
2015 Drought Impacts

- Earlier regulation of water rights, new for some areas
 - Increased fire risk
 - Fisheries & wildlife management
 - Agriculture (reduced yields, cut in deliveries)
 - Water quality
 - Recreation/tourism
- 
- A photograph of a dry, rocky riverbed. The river is completely dry, with only a few small puddles of water remaining. The riverbed is composed of many large, dark grey rocks of various sizes. The banks are covered with sparse, dry grass and some small plants. The overall scene is a stark representation of a drought's impact on a water body.

2015 Drought Counties



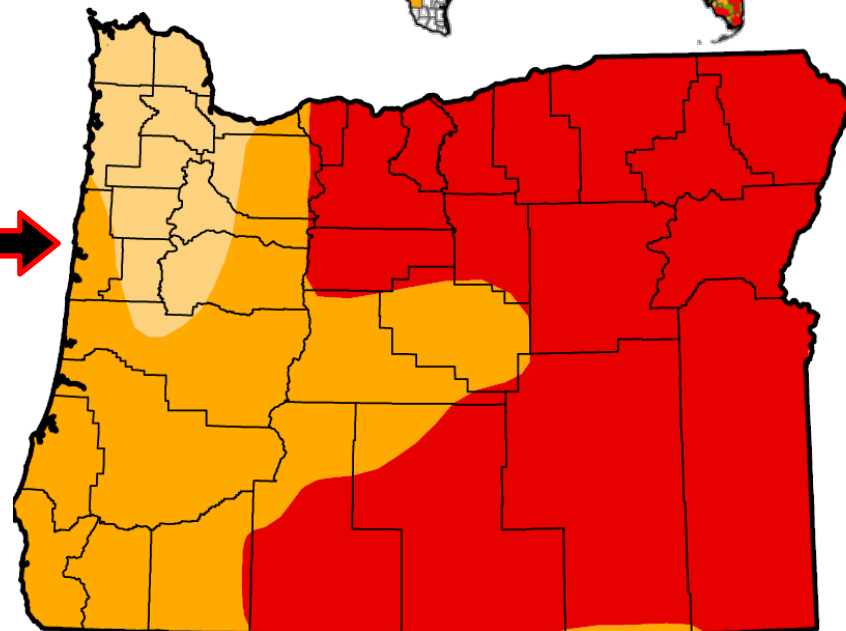
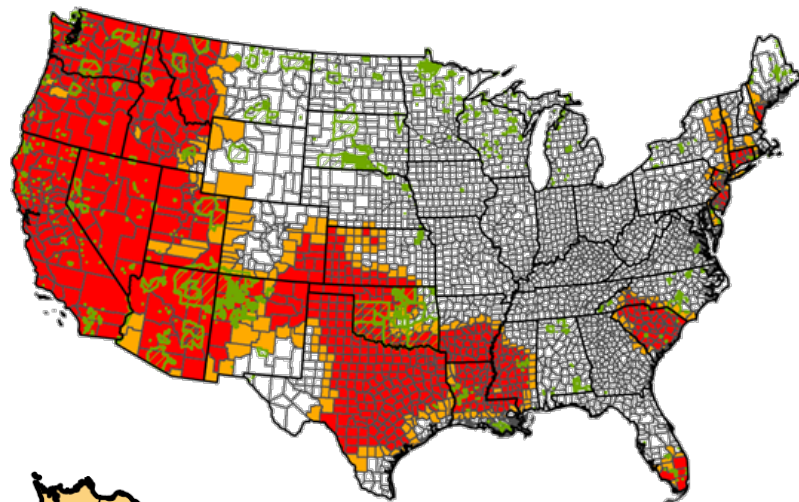
U.S Drought Monitor & Federal Designations



September 29, 2015
(Released Thursday, Oct. 1, 2015)
Valid 8 a.m. EDT

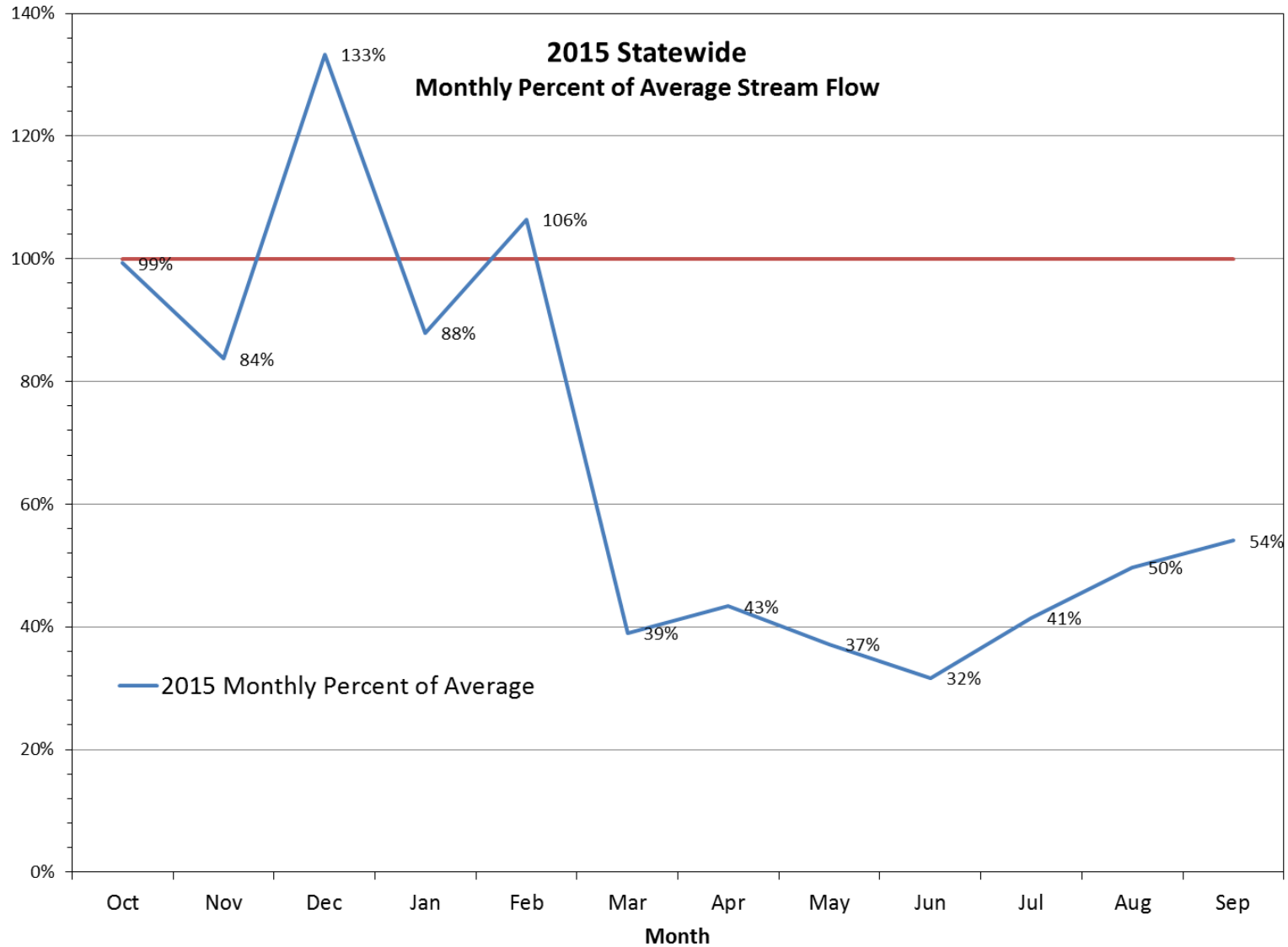
Intensity:

- | | |
|--|--|
|  D0 Abnormally Dry |  D3 Extreme Drought |
|  D1 Moderate Drought |  D4 Exceptional Drought |
|  D2 Severe Drought | |



November 10, 2015
(Released Thursday, Nov. 12, 2015)
Valid 7 a.m. EST

2015 Average Streamflow

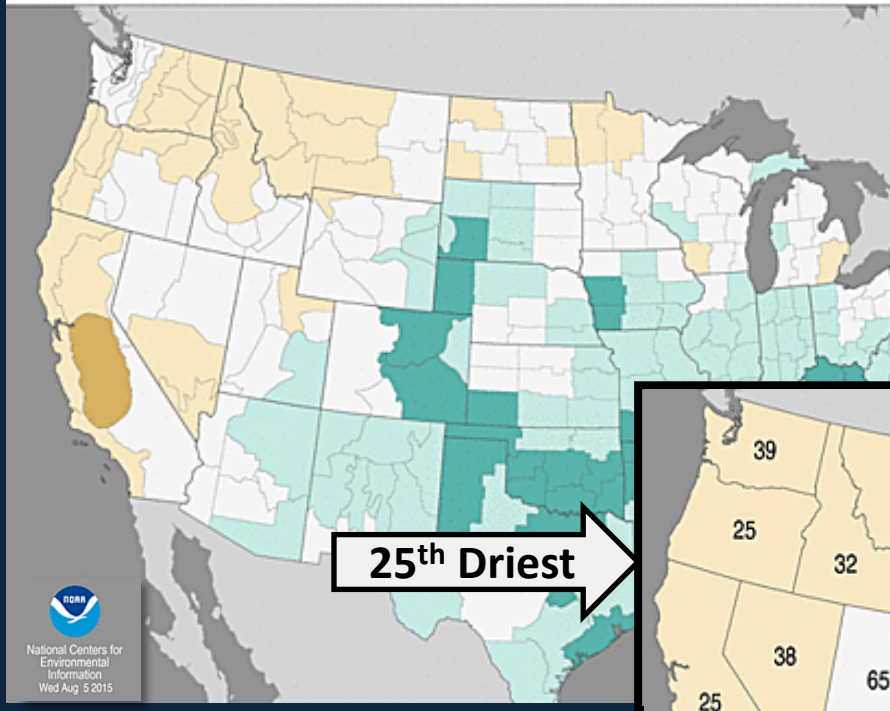


Water Year Recap – Precipitation and Temperature

Divisional Precipitation Ranks

October 2014–September 2015

Period: 1895–2015

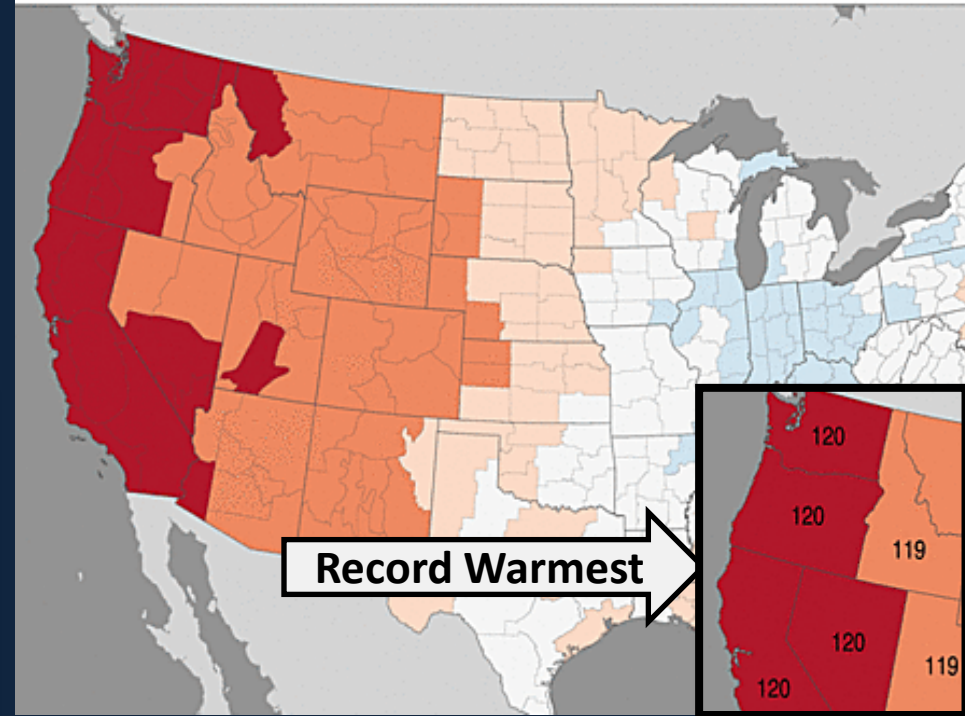


NCEP
National Centers for
Environmental
Information
Wed Aug 5 2015

Divisional Average Temperature Ranks

October 2014–September 2015

Period: 1895–2015

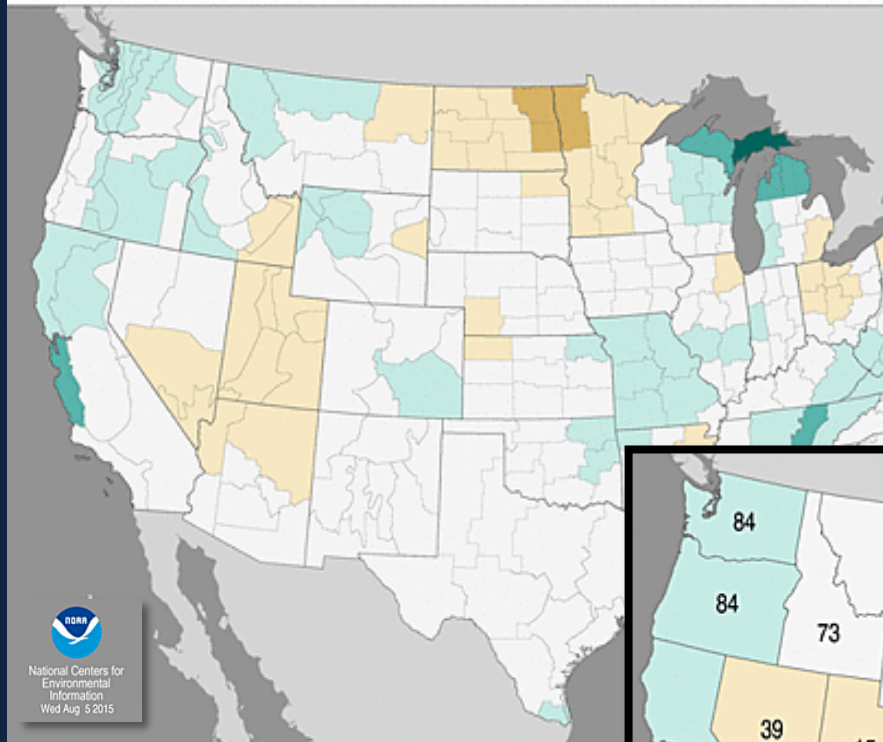


How did we get here? A look at Fall 2014

Divisional Precipitation Ranks

October–December 2014

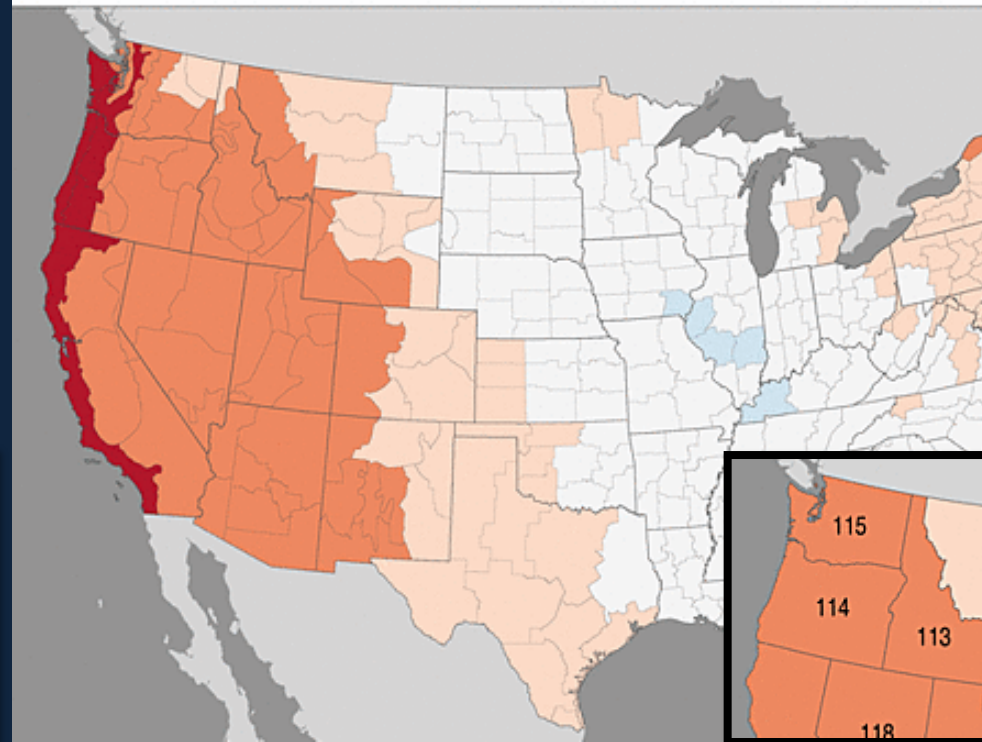
Period: 1895–2014



Divisional Average Temperature Ranks

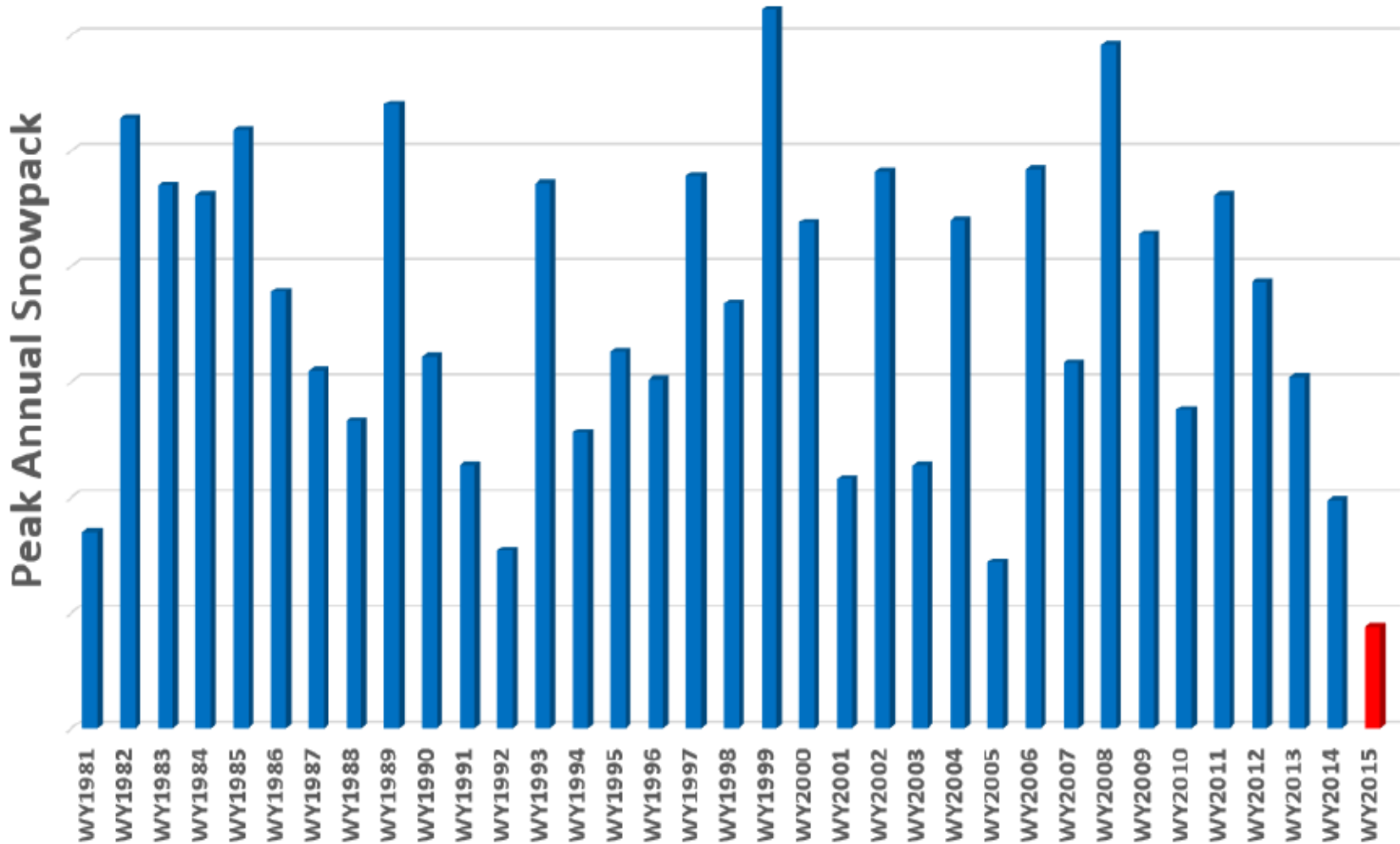
October–December 2014

Period: 1895–2014

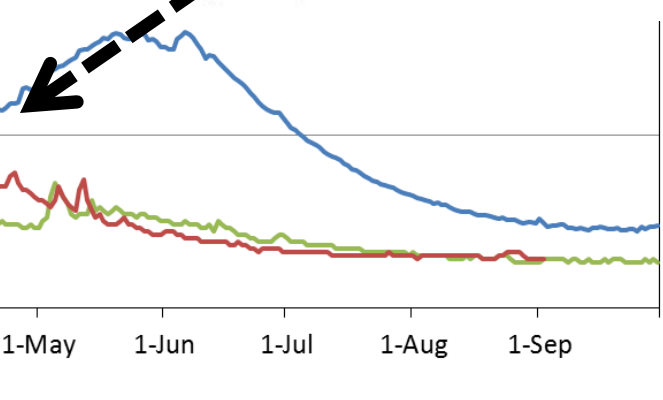
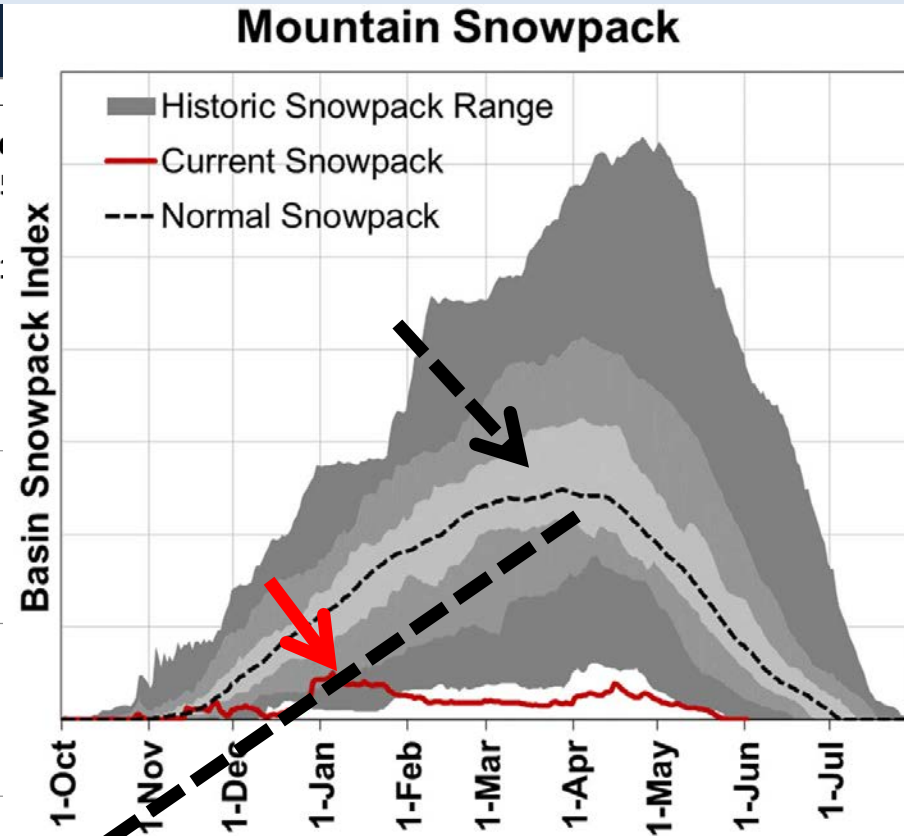
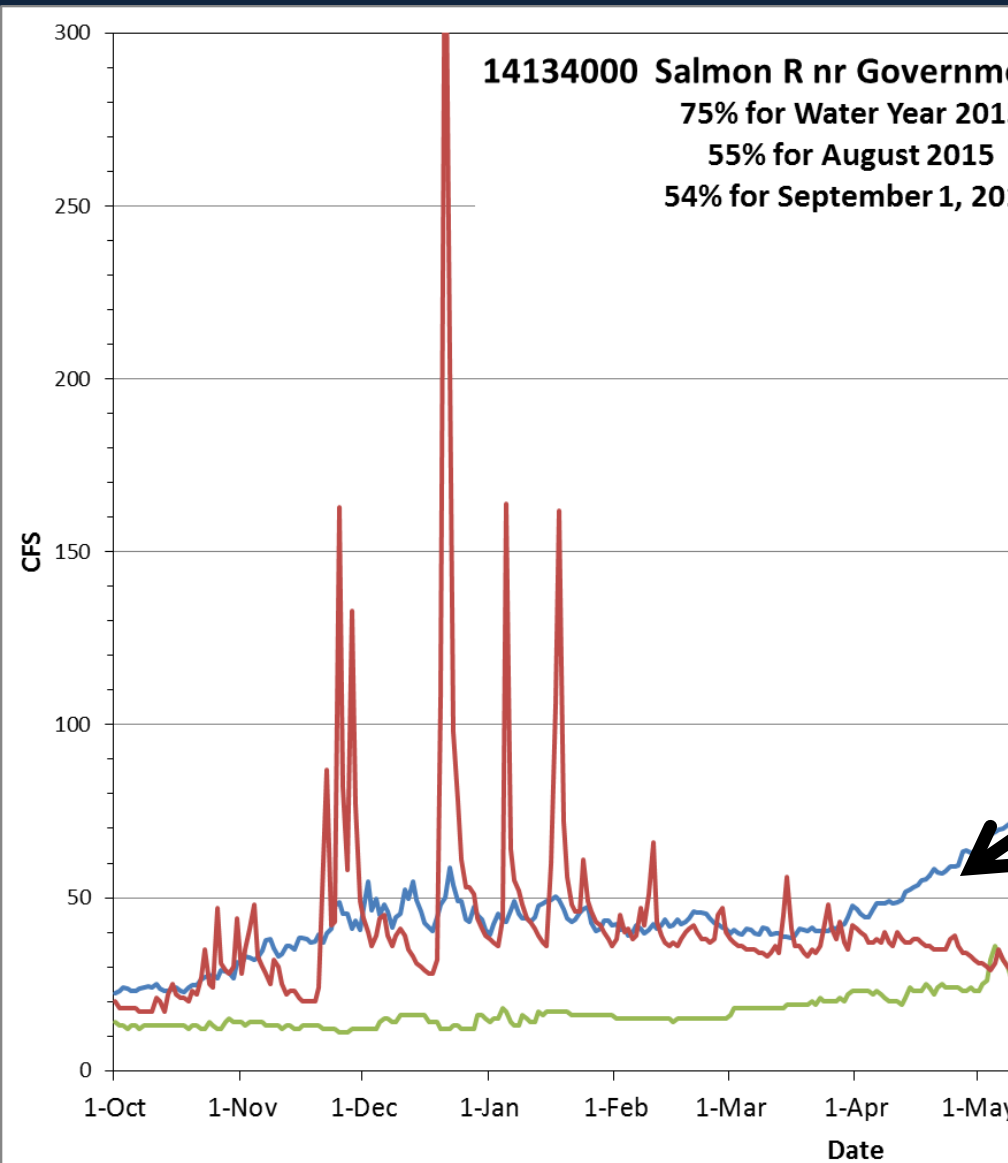


Extremely low snowpack, with earlier peaks

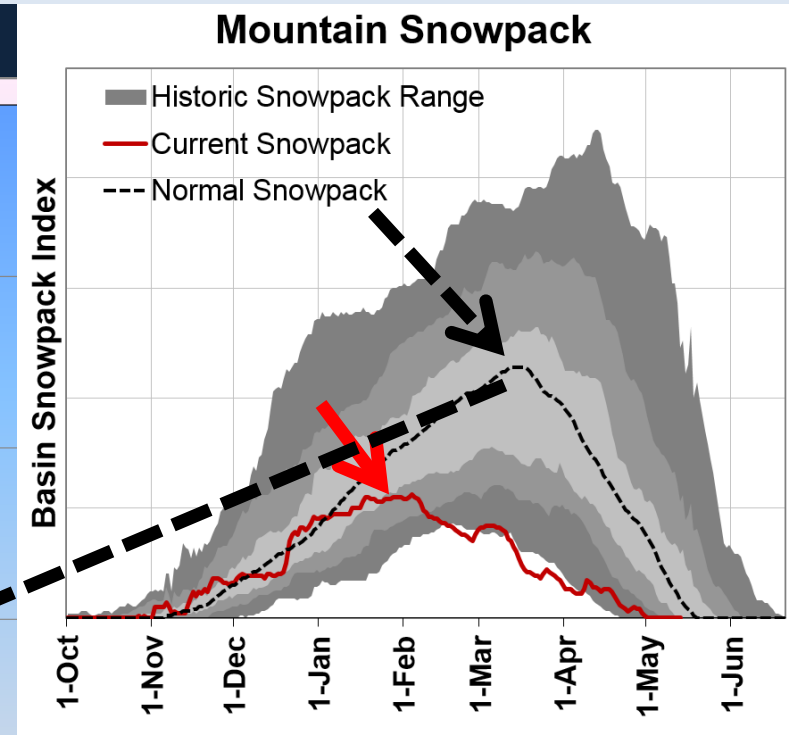
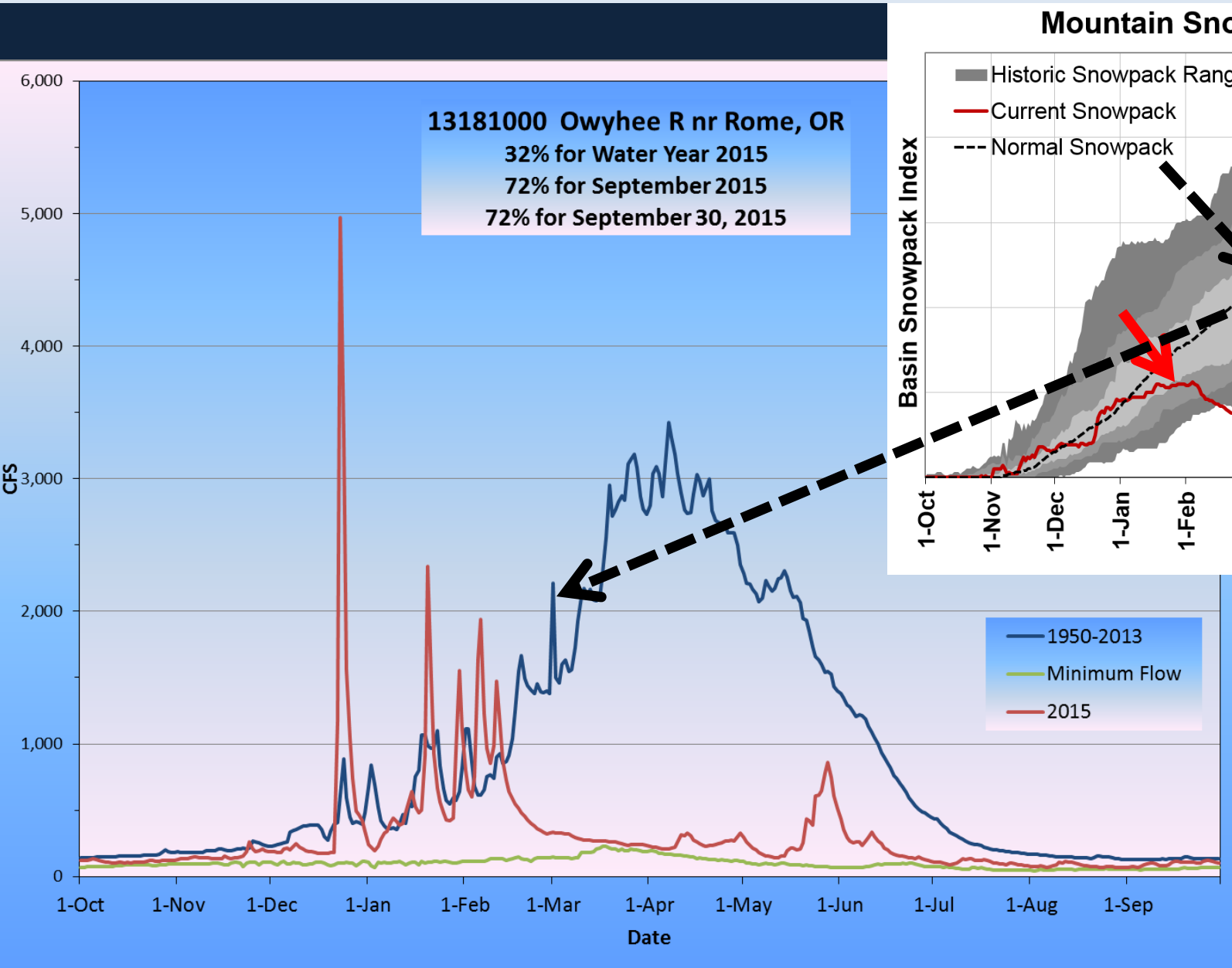
Oregon Snowpack Lowest on Record *2015 Water Year*



Snowpack as a Storage Reservoir

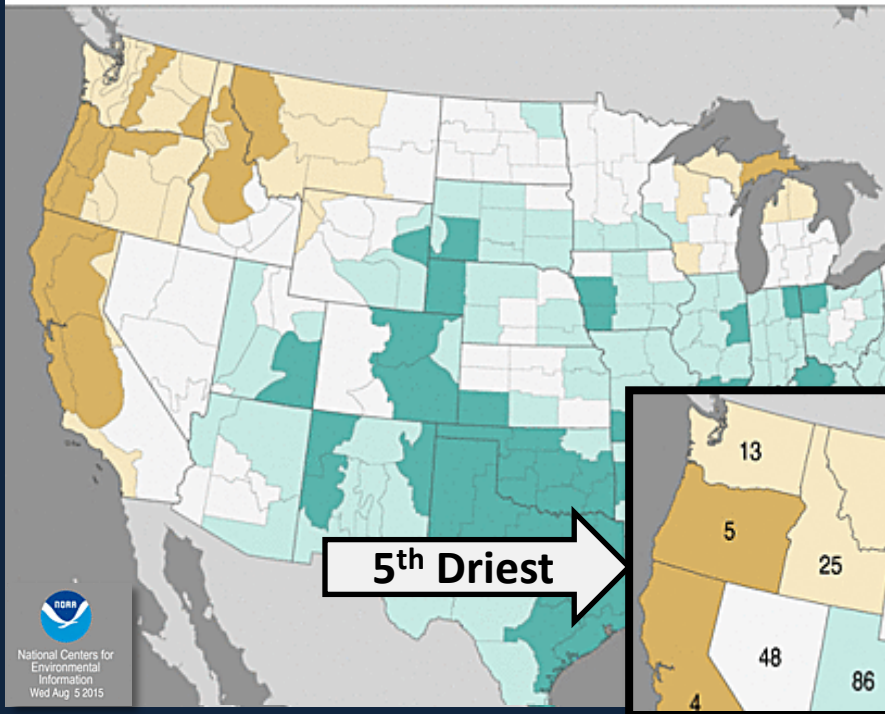


Snowpack as a Storage Reservoir



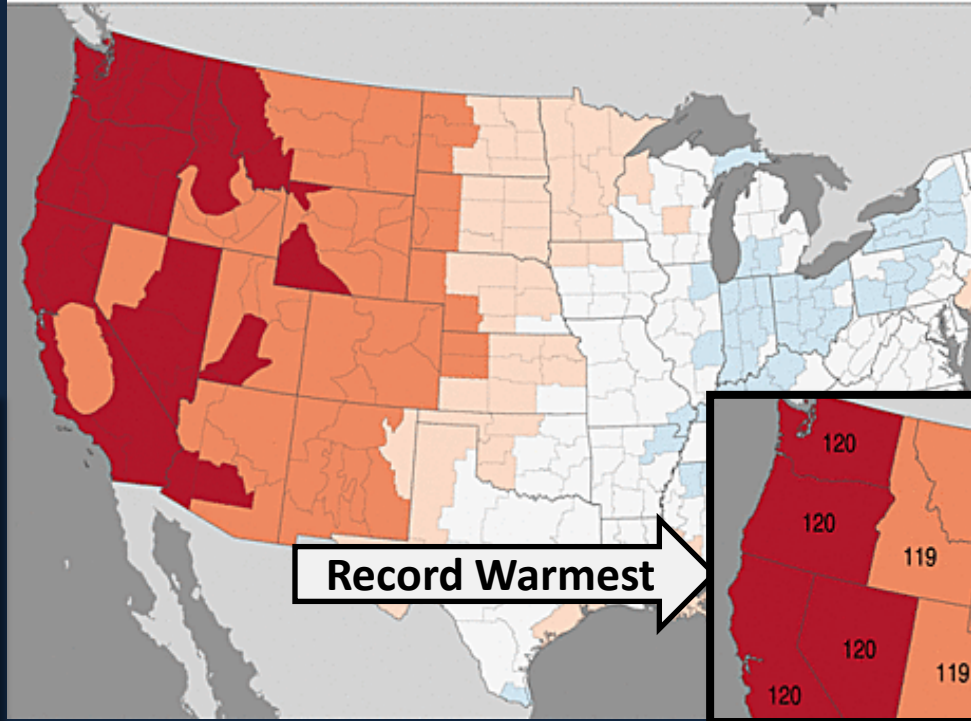
How did we get here? January - September

Divisional Precipitation Ranks
January–September 2015
Period: 1895–2015

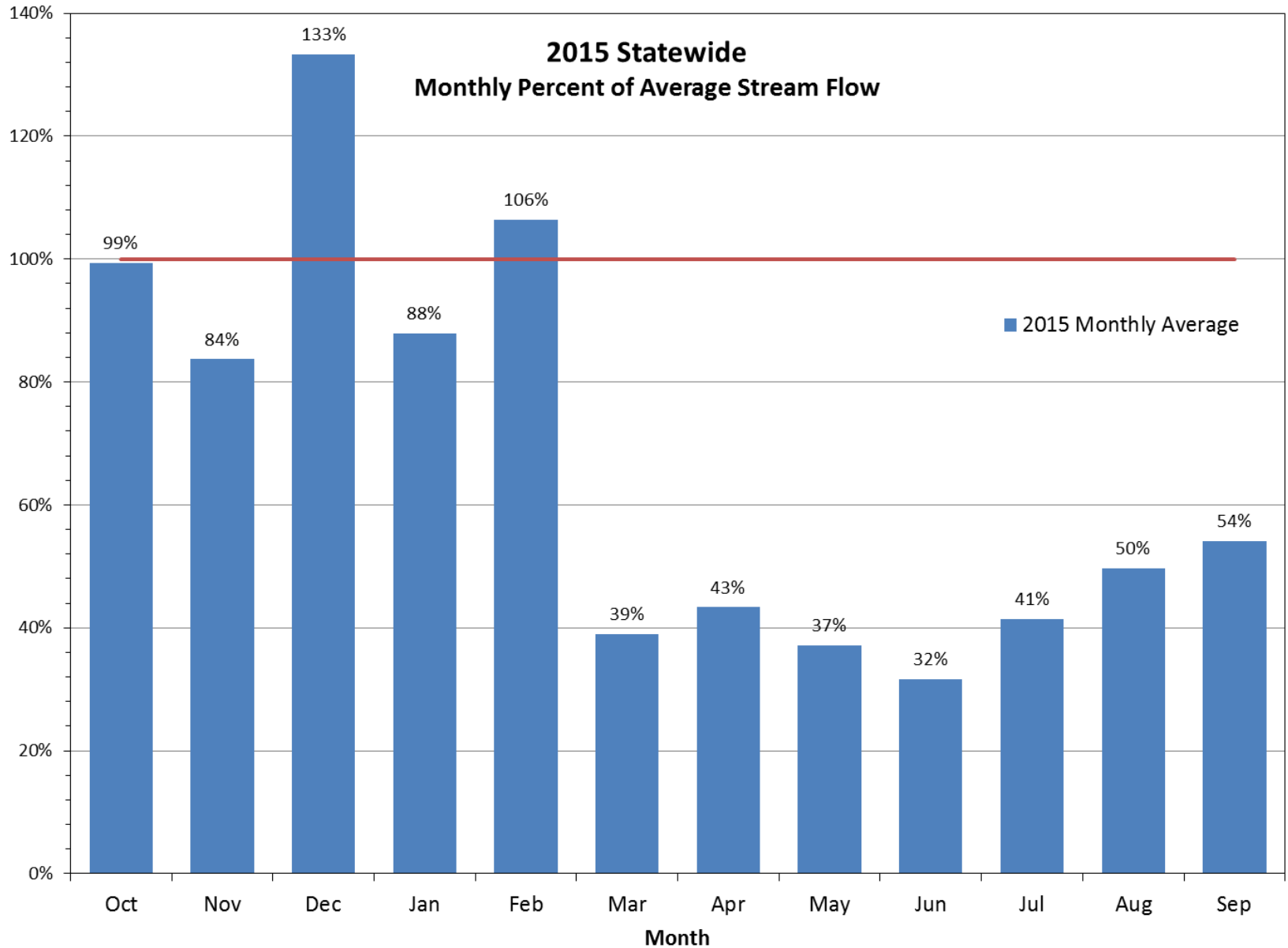


NCEP
National Centers for
Environmental
Information
Wed Aug 5 2015

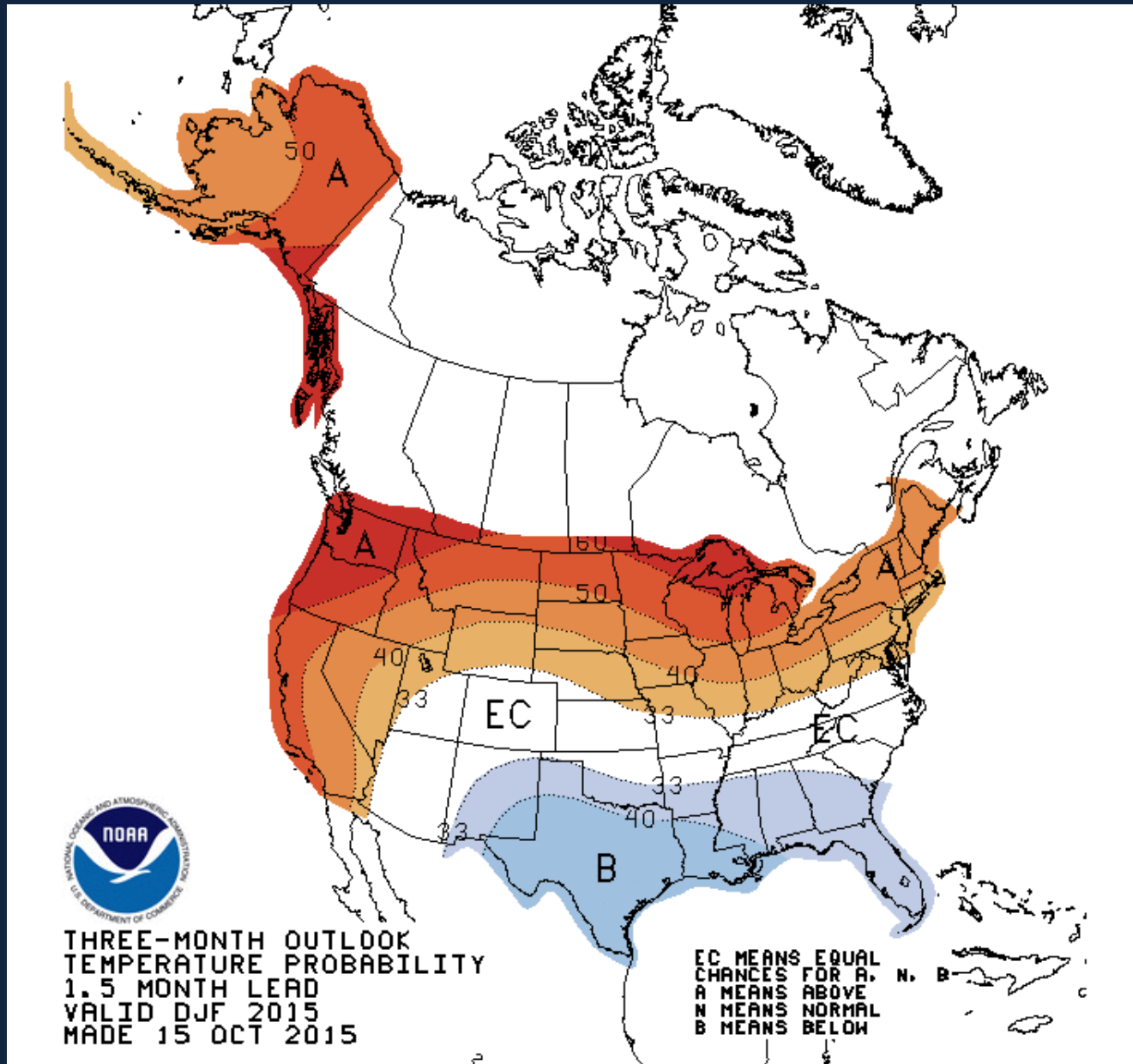
Divisional Average Temperature Ranks
January–September 2015
Period: 1895–2015



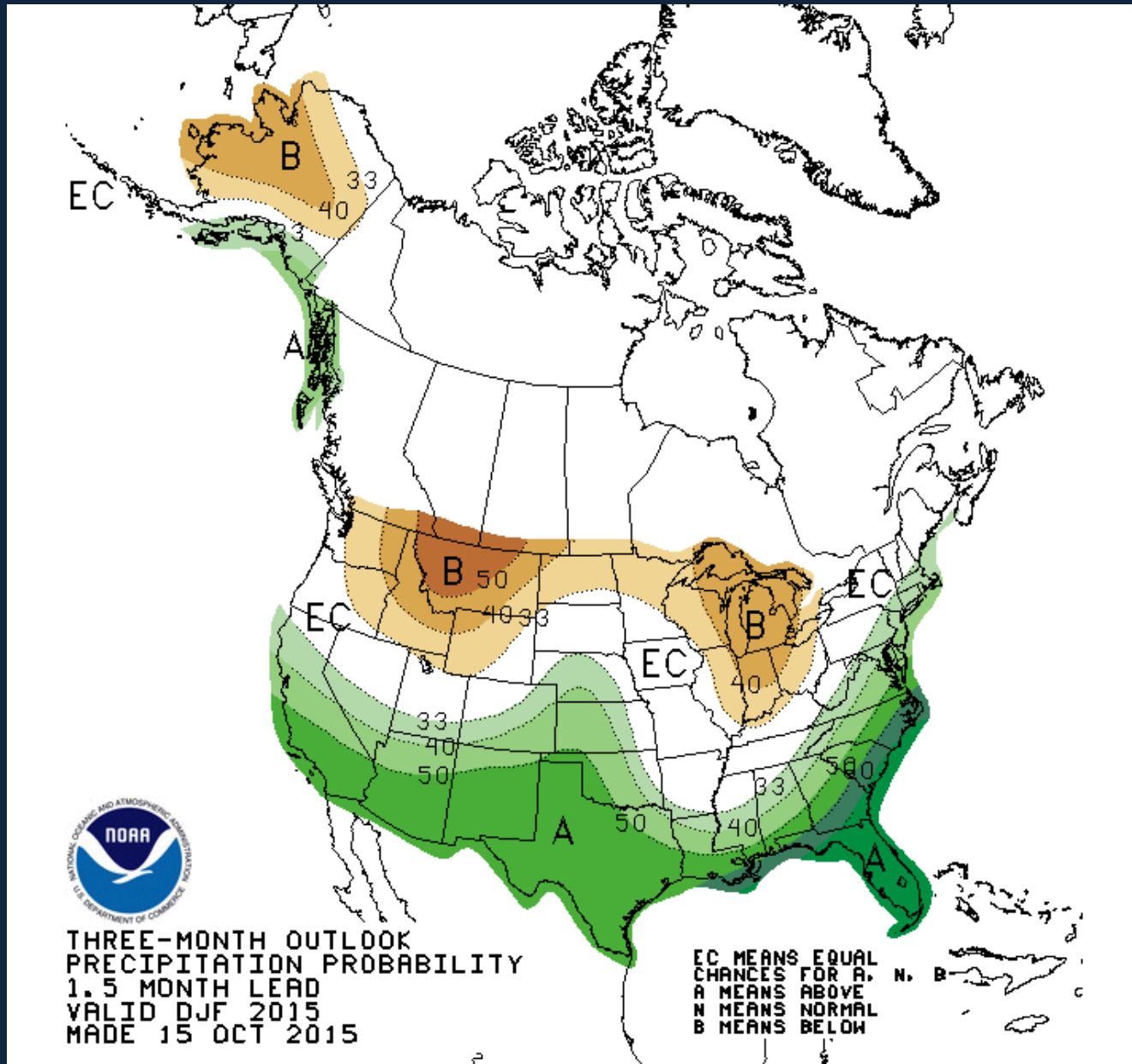
2015 Average Streamflow



Forecasts for this Winter – Temperature



Forecasts for this Winter – Precipitation



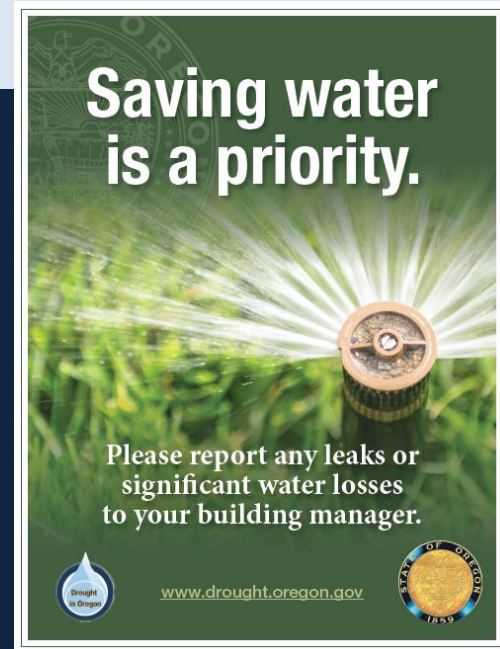
Update on Executive Order 15-09

Governor's Directive:

- 15 percent reduction by 2020
- Update Oregon's Drought Annex
- Incorporate drought resiliency into the 2017 Integrated Water Resources Strategy

Recent efforts:

- On October 1, state agencies, boards, & commissions submitted conservation plans
- On November 1, a consolidated report was submitted to Governor Brown
- Placement of signage
- Next steps include establishing a baseline & tracking water use



Perspectives from State Agency Partners



Rick Kepler

Oregon Department of Fish and Wildlife

Jim Johnson

Oregon Department of Agriculture

Kari Salis

Oregon Health Authority

Ashley Massey

Oregon State Marine Board