



Drought Report for the Week of October 26, 2015



Looking back on the 2015 water year, records were set for lowest snowpack level and earliest melt dates since the state began record keeping more than 30 years ago. Stream flow for the year was only 65 percent of average. In many locations, summertime stream flows were at the lowest levels ever recorded. In many cases, reservoir levels were also the lowest ever recorded.

Governor Brown issued Executive Orders declaring drought in 25 counties. In recent years, these declarations have been set to expire at the end of the calendar year. These declarations allowed the Water Resources Department to issue emergency drought permits to applicants, using an expedited process.

Cooler temperatures have helped to lower water demand in recent days and as a result, streams have responded with a slight upward trend. In addition, brief precipitation events have also helped but the resulting increase in stream flow has been short lived. Reservoirs, especially in Eastern Oregon remain at record low levels.

The Climate Prediction Center has issued an El Nino advisory, stating; “There is an approximately 95% chance that El Niño will continue through Northern Hemisphere winter 2015-16, gradually weakening through spring 2016.” For Oregon, this means a high probability of warmer than normal temperatures and an uncertain precipitation outlook. This means that it is likely that there will be less than normal snowpack in the coming winter.

To go to a specific section click on title below:

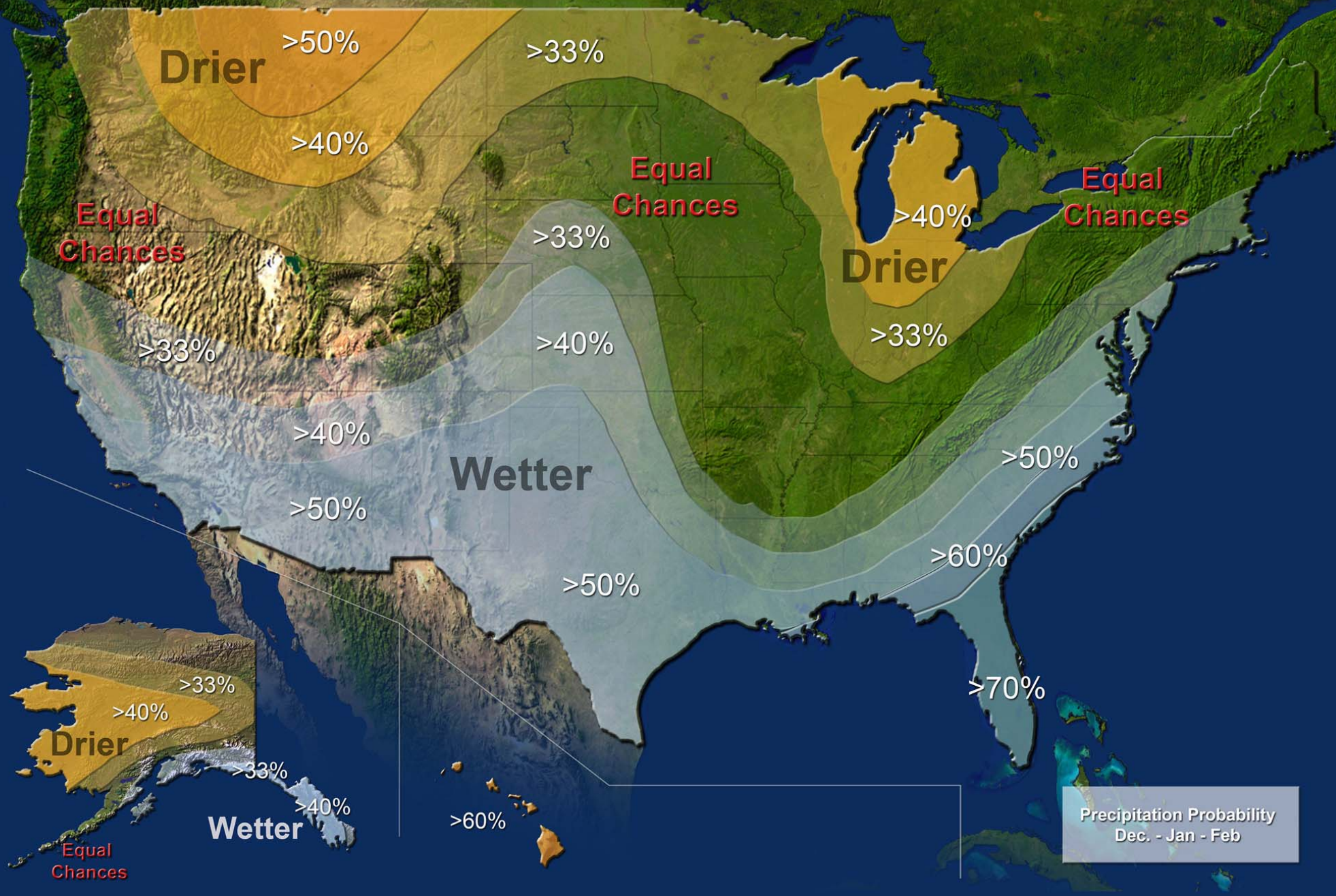
- Three Month Outlook – Precipitation Probability
- Three Month Outlook – Temperature Probability
- Oregon Declaration Status
- Oregon Surface Water Supply Index
- Oregon SNOTEL Water Year-to-Date Precipitation % of Normal (*Note: New Water Year*)
- Oregon Drought Monitor
- Water Right Drought Permit Application: Summary Report

Additional Resources:

- Reservoir Storage Diagrams
 - [Deschutes Basin](#)
 - [Willamette Basin](#)
 - [Tualatin River Basin](#)
 - [Rogue Basin](#)
 - [Umatilla River Basin](#)
 - [Southeastern Oregon](#)

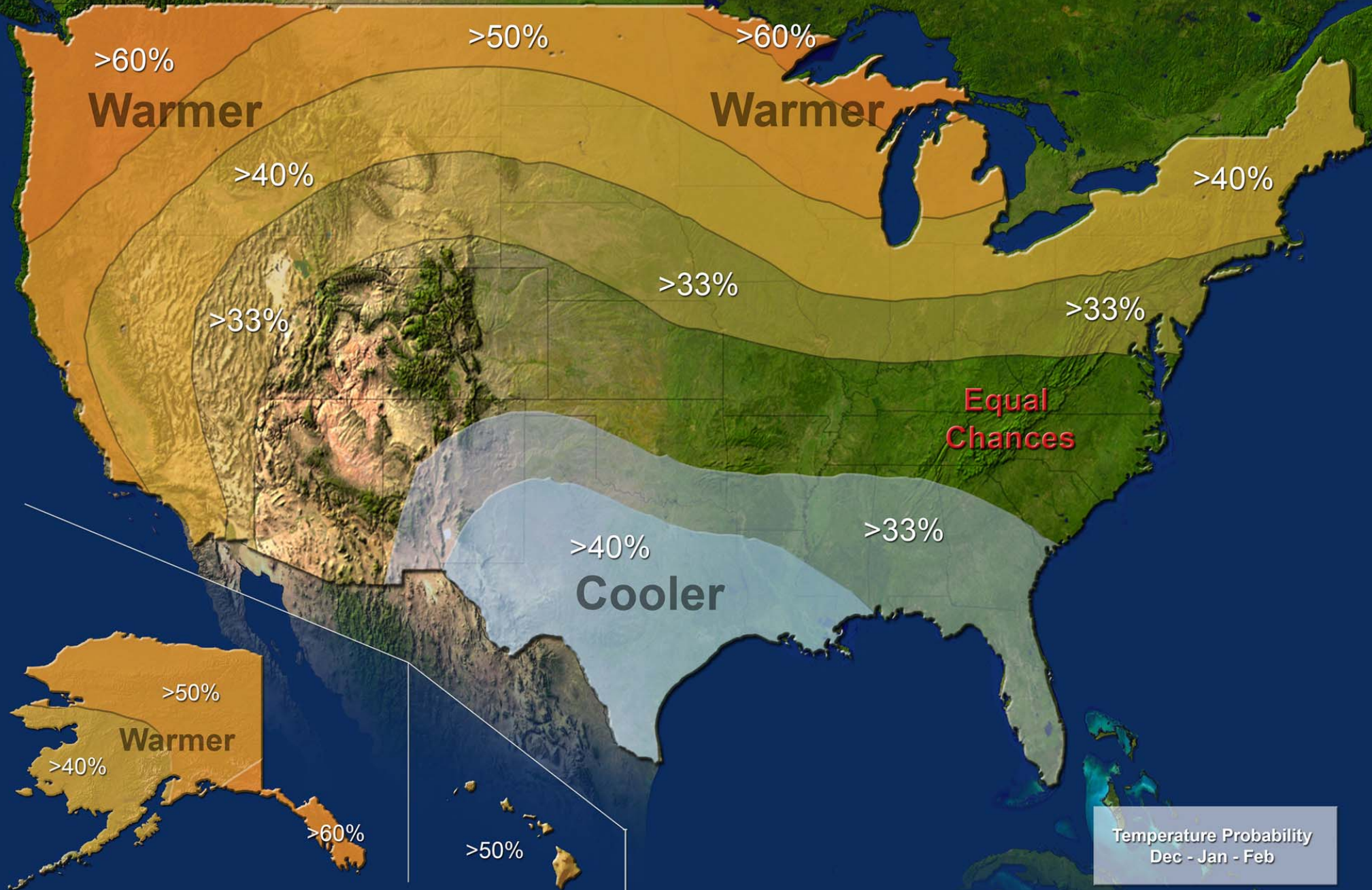
U.S. Winter Outlook

Precipitation



U.S. Winter Outlook





Temperature



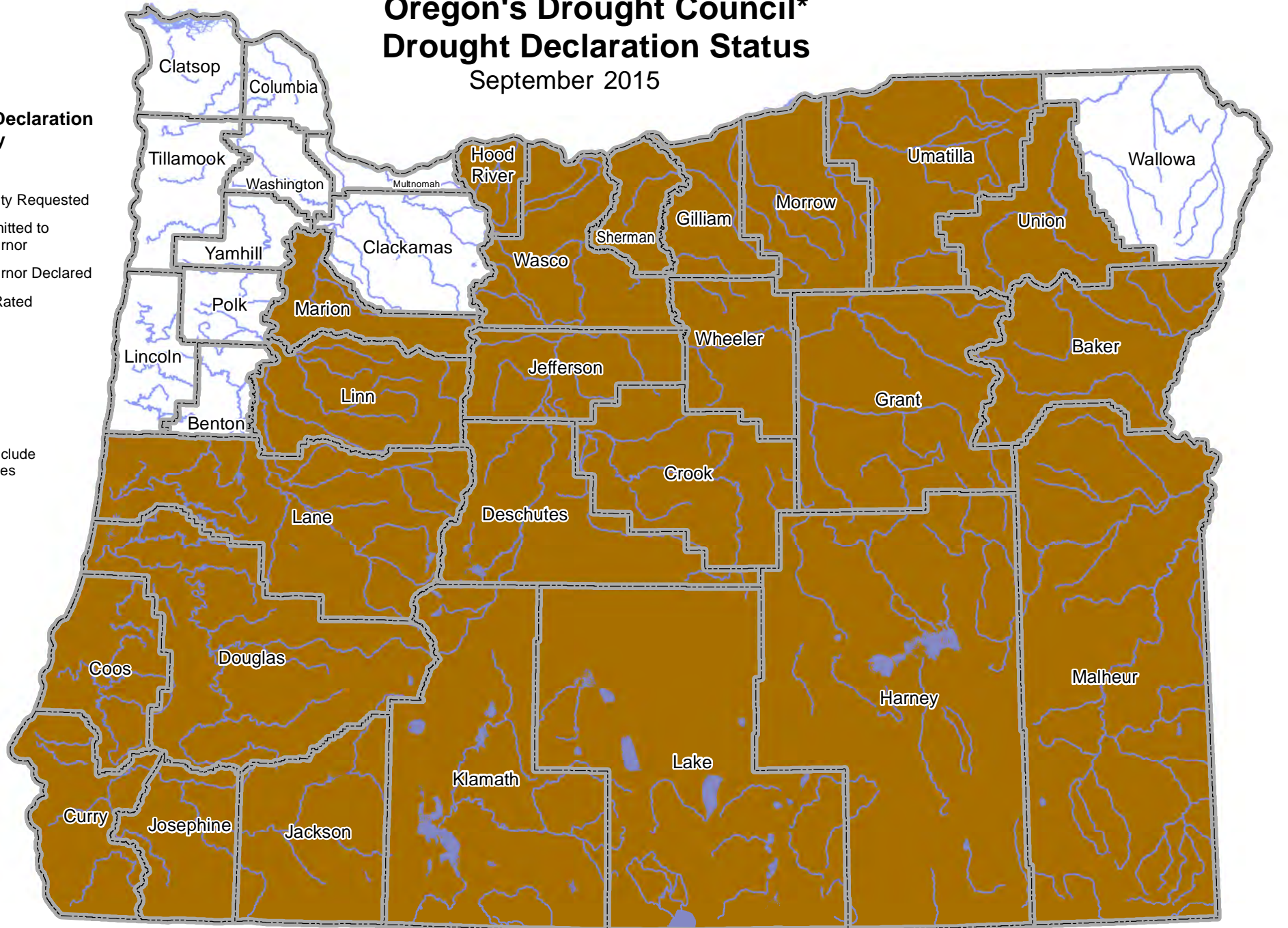
Oregon's Drought Council* Drought Declaration Status September 2015

Drought Declaration by County

Status

-  County Requested
-  Submitted to Governor
-  Governor Declared
-  Not Rated

*Members Include
State Agencies



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Salem, OR 97301
<http://www.wrd.state.or.us/>

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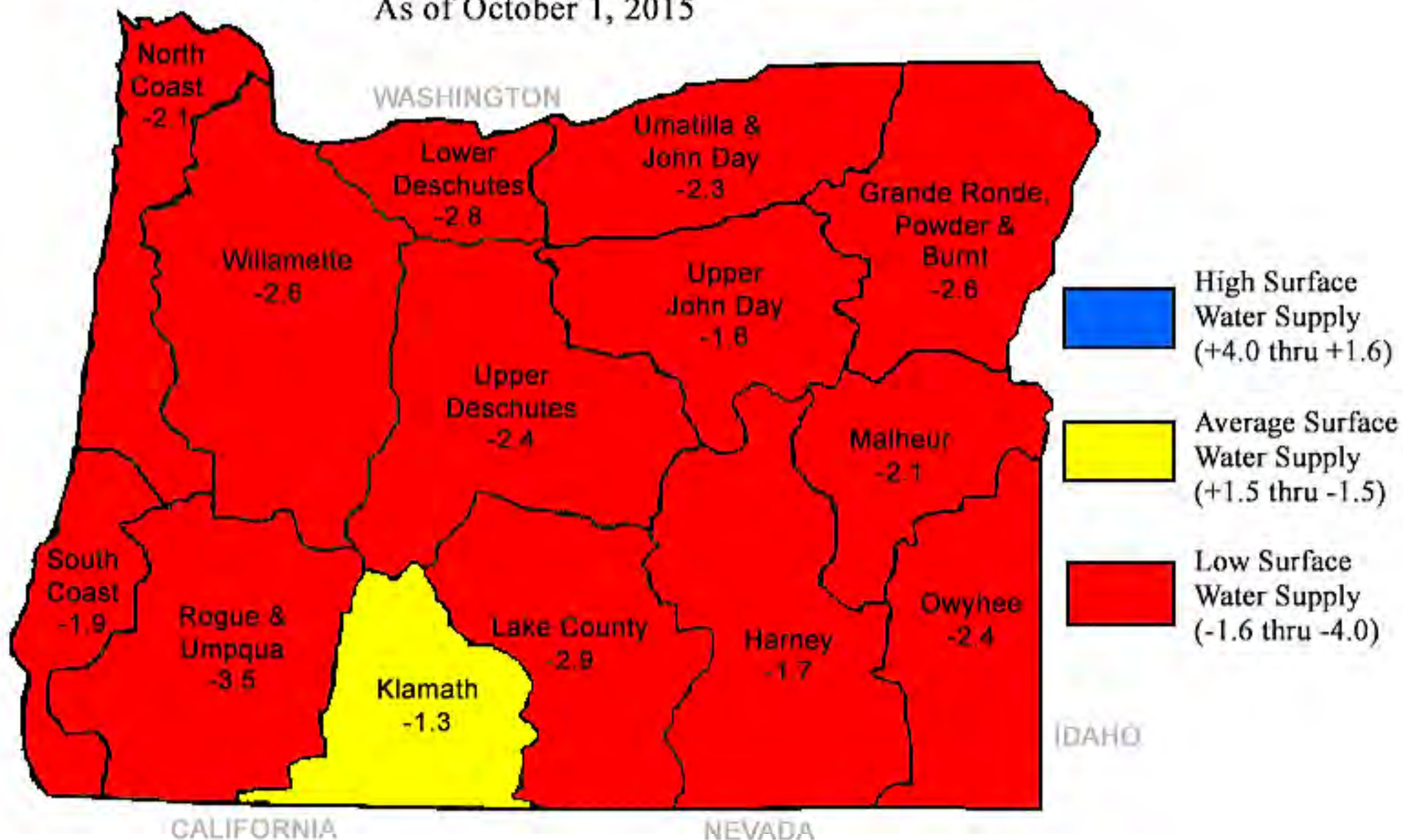


0 20 40 60 80 100 Miles

Updated: 9/18/2015 12:02 PM
Projection: Oregon Lambert, NAD 83

OREGON SURFACE WATER SUPPLY INDEX (SWSI)

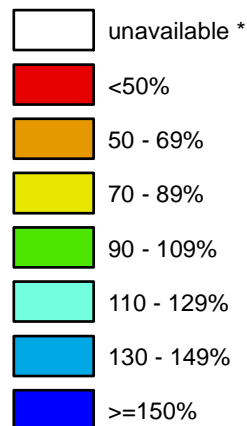
As of October 1, 2015



Oregon SNOTEL Water Year (Oct 1) to Date Precipitation % of Normal

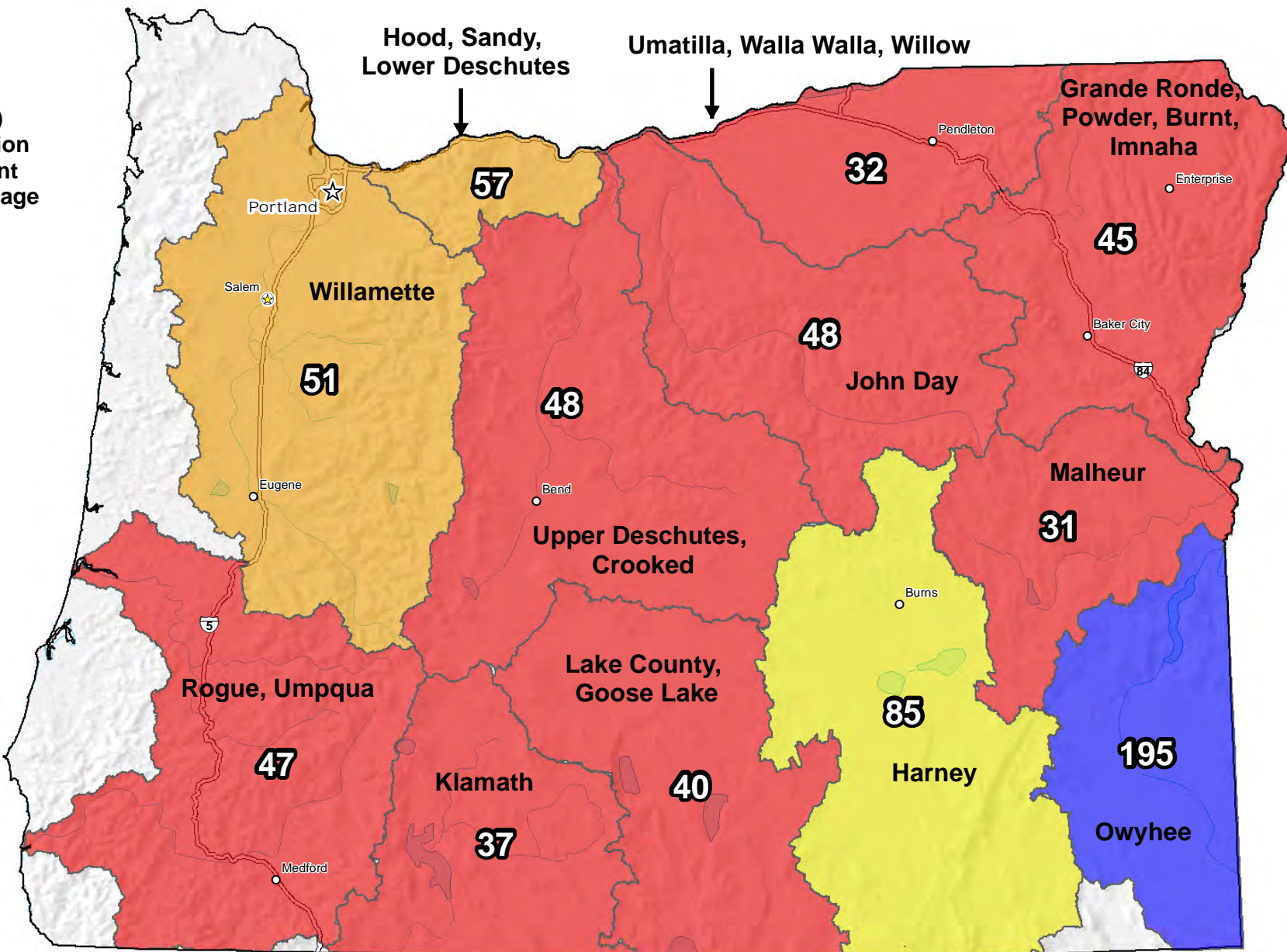
Oct 26, 2015

**Water Year (Oct 1)
to Date Precipitation
Basin-wide Percent
of 1981-2010 Average**



* Data unavailable at time
of posting or measurement
is not representative at this
time of year

**Provisional Data
Subject to Revision**



The water year to date precipitation percent of normal represents the accumulated precipitation found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

0 10 20 40 60 80 100 Miles

Prepared by:
USDA/NRCS National Water and Climate Center
Portland, Oregon
<http://www.wcc.nrcs.usda.gov>

U.S. Drought Monitor Oregon

October 20, 2015
(Released Thursday, Oct. 22, 2015)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

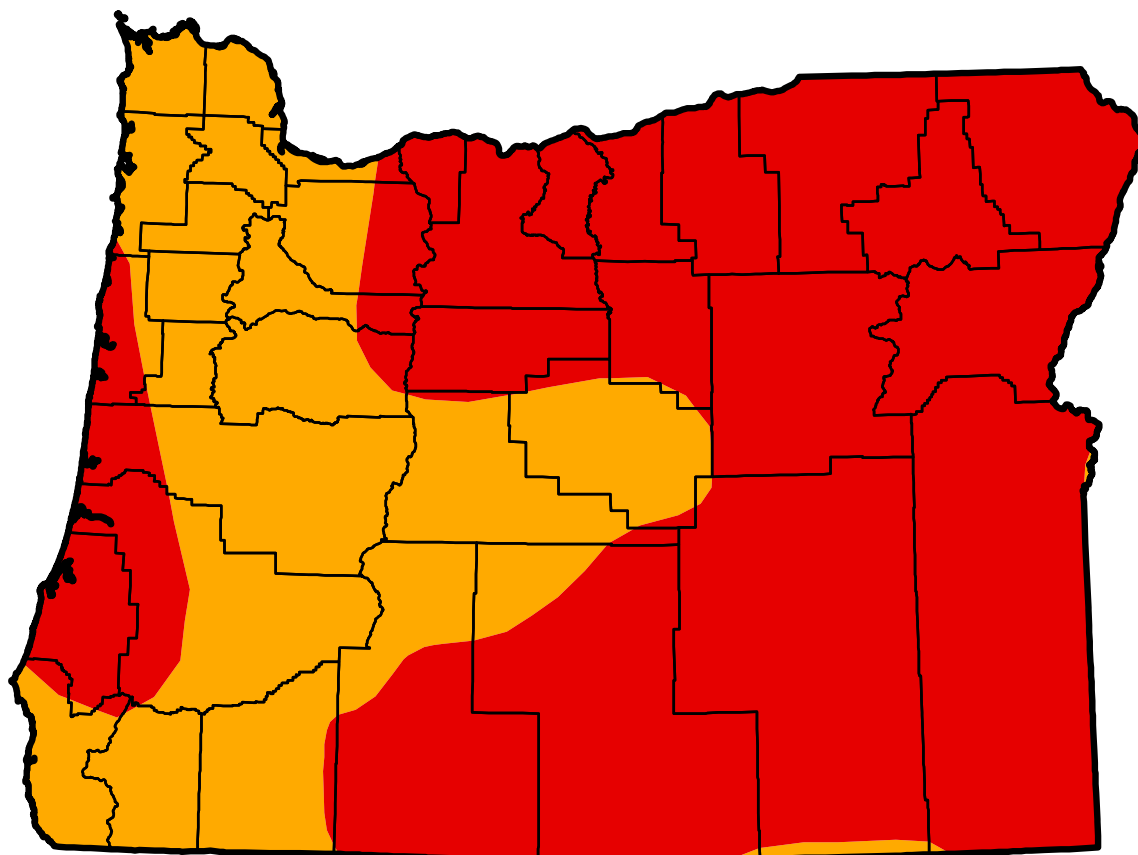
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	100.00	67.29	0.00
Last Week 10/13/2015	0.00	100.00	100.00	100.00	67.29	0.00
3 Months Ago 7/21/2015	0.00	100.00	100.00	83.71	34.09	0.00
Start of Calendar Year 12/30/2014	13.61	86.39	80.70	49.29	34.11	0.00
Start of Water Year 9/29/2015	0.00	100.00	100.00	100.00	67.29	0.00
One Year Ago 10/21/2014	1.56	98.44	83.79	56.26	35.30	0.00

Intensity:

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

*The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. See accompanying text summary
for forecast statements.*

Author:
Brad Rippey
U.S. Department of Agriculture



<http://droughtmonitor.unl.edu/>



Water Resources Department

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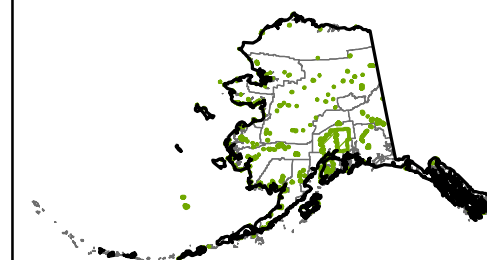
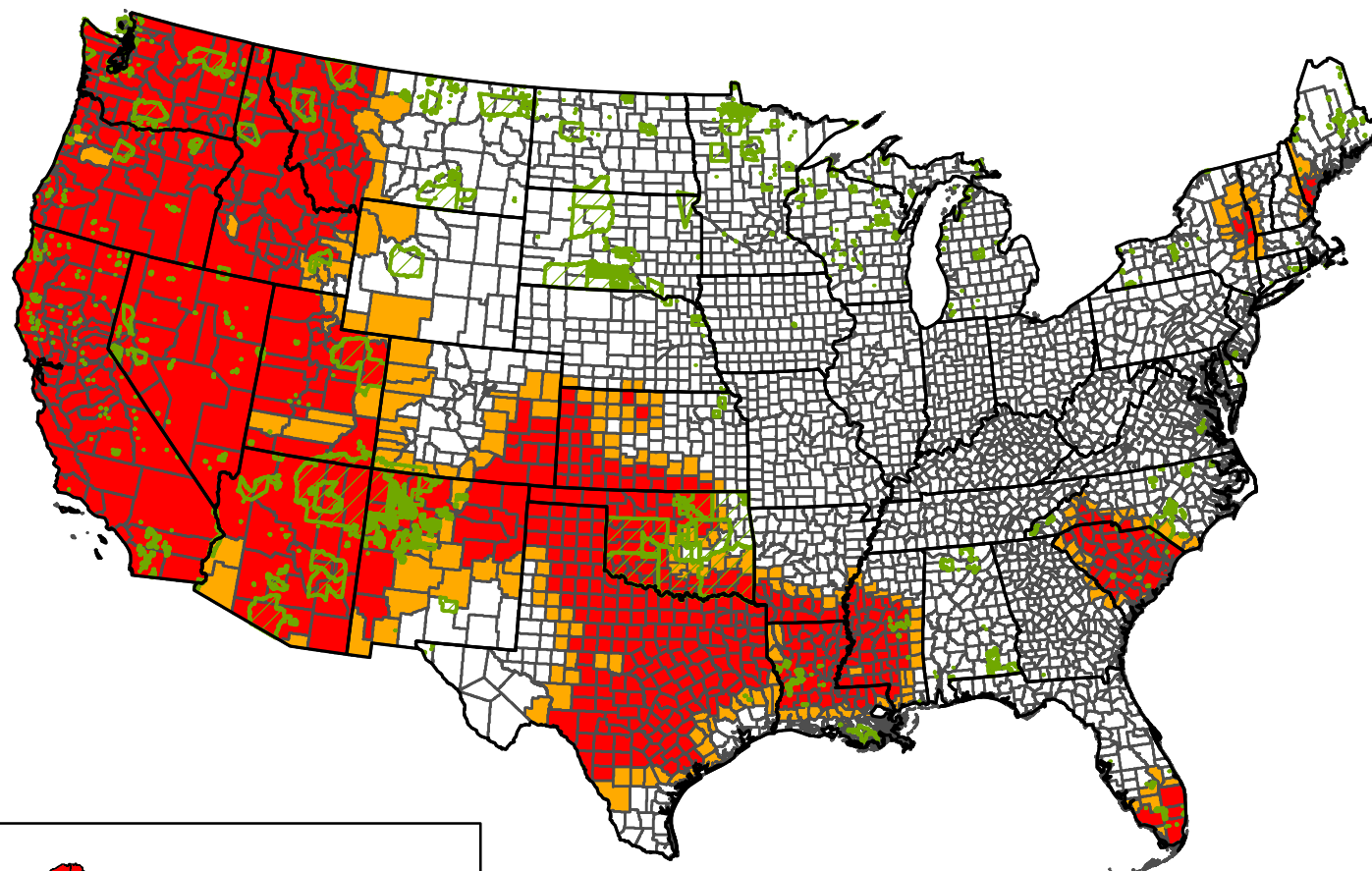
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DROUGHT

Current Drought Water Right Summary Report

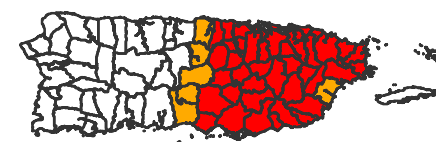
<u>Drought Year</u>	<u>County</u>	<u>Applications Rec'd</u>	<u>Applications Denied</u>	<u>Applications Approved</u>	<u>Acres Approved</u>	<u>Transfers Rec'd</u>	<u>Transfers Denied</u>	<u>Transfers Approved</u>
2015	Baker	1	1			5		5
2015	Crook	2		1	69.20	1		1
2015	Harney	2	1		372.60	2	1	1
2015	Jackson	0				2		2
2015	Klamath	39	1	31	21745.80	1		1
2015	Lake	5	1		1454.40	2		2
2015	Lane	0				6		6
2015	Malheur	14		13	3818.52	4		4
2015	Morrow	1		1	32.70			
2015	Umatilla	0				1		1
2015	Wasco	0				1		1

2015 Secretarial Drought Designations - All Drought



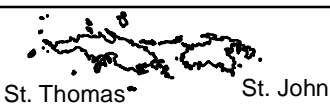
Alaska

1:60,000,000



Puerto Rico

1:4,000,000



St. Thomas

St. John

Virgin Islands of the U.S.






St. Croix



1:1,500,000

Secretarial Drought Designations for 2015

Disaster Incidents as of October 21, 2015

-  State Boundary
-  County Boundary
-  Tribal Lands
-  Primary Counties: 692
-  Contiguous Counties: 243

1:25,000,000

Hawaii



1:10,000,000