



Drought Report for the Week of May 18, 2015



County-wide drought declarations go through a three-part process before securing a drought declaration from the Governor's Office.

First, County Commissions meet to determine whether they want to seek a Governor's declaration.

Second, these recommendations go to the Water Availability Committee (chaired by the Oregon Water Resources Department) and then the Oregon Drought Council (chaired by Oregon Emergency Management) for technical review. The next meeting of the Water Availability Committee and Oregon Drought Council is June 11, 2015. Counties that have gone through these committees and have been forwarded to the Governor's Office with a recommendation for drought declaration are: Deschutes, Grant, Jackson, Josephine, Lane, Morrow, Umatilla and Wasco County. Wasco County has expressed their intention to declare, but have not completed the process however are including in the recommendations to the Governor.

Finally, if approved for drought declaration, the Governor's Office issues an Executive Order, declaring drought in specific counties. In recent years, these Executive Order have been set to expire at the end of a calendar year. A Governor's declared drought is in place for 2015 in the following counties: Baker, Crook, Harney, Klamath, Lake, Malheur and Wheeler. A Governor's Drought Declaration allows the Water Resources Department to issue emergency drought permits to applicants, using an expedited process.

Current Water Conditions: Snow pack conditions throughout the state average less than 7% of normal, signaling early and prolonged drought conditions throughout South and East parts of Oregon. Statewide average precipitation is less than 87% of normal.

To go to a specific section click on title below:

- Oregon Basin Report (Click picture for full report)
- Water Supply Assessment by Basin
- Oregon Declaration Status
- Oregon SNOTEL Current Snow Water Equivalent % of Normal
- Oregon SNOTEL Water Year to Date Precipitation % of Normal
- 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](#)
- [Three Month Outlook – Temperature Probability](#)
- [Three Month Outlook – Precipitation Probability](#)
- [Oregon Surface Water Supply Index](#)



United States
Department of
Agriculture

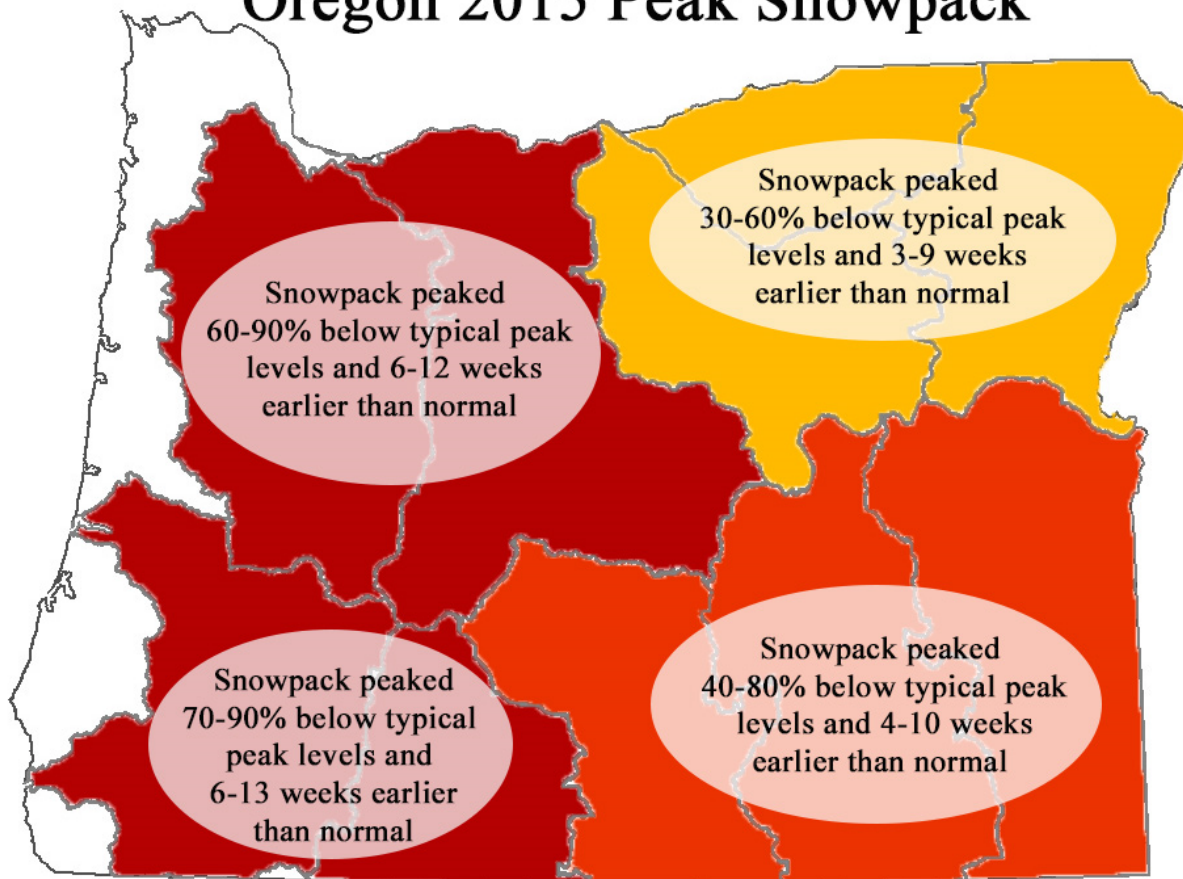


Natural Resources
Conservation
Service

Oregon Basin Outlook Report

May 1, 2015

Oregon 2015 Peak Snowpack



Across Oregon, much of the winter's precipitation fell as rain rather than as snow, causing sixty percent of the long-term snowpack monitoring sites to set new records for the lowest and earliest peak snowpack in over 30 years. Due to the warm mountain temperatures, one third of snow monitoring sites in the state didn't receive enough snow to build a lasting snowpack at all this year. The current snowpack deficit means that the mountains are missing several feet of water, normally frozen in the high elevation snowpack, that usually serves as a natural reservoir to feed streams and rivers throughout the summer. Because of the record low snowpack, water users depending on streamflow without access to reservoir storage should expect water shortages this summer.

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DROUGHT






Current Basin Water Status


	Basin #	Basin Name	Basin Status	Reason
Edit	1	North Coast	Drought Likely	
Edit	2	Willamette	Drought Likely	Below normal streamflow; Dry Forecast
Edit	3	Sandy	Drought Likely	Below normal streamflow; Dry Forecast
Edit	4	Hood	Drought Likely	Below normal streamflow; Dry Forecast
Edit	5	Deschutes	Drought Unavoidable	Reservoirs are near full
Edit	6	John Day	Drought Unavoidable	No Storage or Snowpack; Dry Forecast
Edit	7	Umatilla	Drought Unavoidable	Reservoirs are roughly 50%; Dry Forecast
Edit	8	Grande Ronde	Drought Likely	Snowpack >5000'
Edit	9	Powder	Drought Unavoidable	Reservoir Storage is mixed; no snowpack
Edit	10	Malheur	Drought Unavoidable	Reservoir storage is near empty
Edit	11	Owyhee	Drought Unavoidable	Reservoir storage is near empty
Edit	12	Malheur Lake	Drought Unavoidable	No reservoir storage; No snowpack
Edit	13	Goose & Summer Lake	Drought Unavoidable	Reservoir storage is near empty
Edit	14	Klamath	Drought Unavoidable	Stressed soil; No snowpack
Edit	15	Rogue	Drought Unavoidable	Lack of snowpack; Reservoir storage is decent
Edit	16	Umpqua	Drought Likely	Weak Snowpack; Dry Forecast
Edit	17	South Coast	Drought Likely	
Edit	18	Middle Coast	Drought Likely	

Oregon's Water Availability Committee* Water Supply Assessment

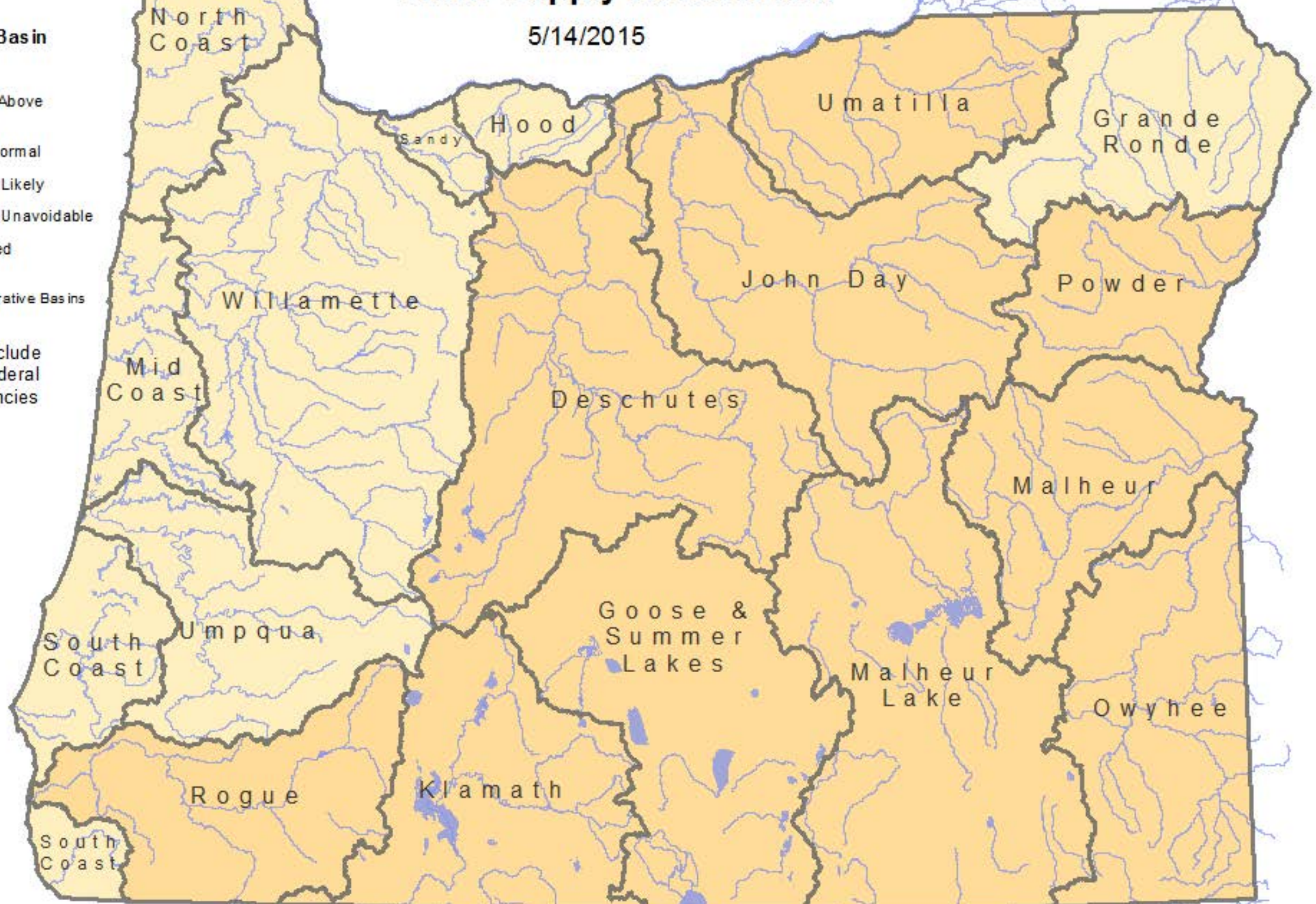
5/14/2015

Drought by Basin Status

-  Near or Above Normal
-  Below Normal
-  Drought Likely
-  Drought Unavoidable
-  Not Rated

 Administrative Basins

*Members Include
State and Federal
Science Agencies



Oregon Water Resources Department
725 Summer St. NE Suite A
Salem, OR 97301
<http://www.wrd.state.or.us/>

This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.



0 20 40 60 80 100 Miles

Updated: 5/14/2015 1:15 PM
Projection: Oregon Lambert, NAD 83



Drought Declarations

Search Criteria


County: **Start Drought Year:**
Drought Status: **End Drought Year:**

	Drought Year	County	Drought Title	Drought Status	County Request Date	Forwarded to Governor Date	Governor Declaration Date	Federal Declaration Date	Executive Order	Drought Begin Date	Drought End Date
Select	2015	Deschutes	DESCHUTES DROUGHT	Submitted to Governor	04/29/2015	05/15/2015		04/22/2015			
Select	2015	Grant	GRANT DROUGHT	Submitted to Governor	04/29/2015	05/15/2015		03/18/2015			
Select	2015	Jackson	JACKSON DROUGHT	Submitted to Governor	05/13/2015	05/15/2015		03/18/2015			
Select	2015	Josephine	JOSEPHINE DROUGHT	Submitted to Governor	05/06/2015	05/15/2015		03/20/2015			
Select	2015	Lane	LANE DROUGHT	Submitted to Governor	05/12/2015	05/15/2015					
Select	2015	Morrow	MORROW DROUGHT	Submitted to Governor	05/06/2015	05/15/2015		03/20/2015			
Select	2015	Umatilla	UMATILLA DROUGHT	Submitted to Governor	04/28/2015	05/15/2015		03/20/2015			
Select	2015	Wasco	WASCO DROUGHT	Submitted to Governor	05/20/2015	05/15/2015					
Select	2015	Baker	BAKER DROUGHT	Governor Declared	03/18/2015	04/10/2015	04/20/2015	04/22/2015	15-04	04/20/2015	12/31/2015
Select	2015	Crook	CROOK DROUGHT	Governor Declared	03/18/2015	03/20/2015	04/02/2015	04/22/2015	15-03	04/02/2015	12/31/2015
Select	2015	Harney	HARNEY DROUGHT	Governor Declared	03/18/2015	03/20/2015	04/02/2015	04/22/2015	15-03	04/02/2015	12/31/2015
Select	2015	Klamath	KLAMATH DROUGHT	Governor Declared	03/17/2015	03/20/2015	04/02/2015	04/08/2015	15-03	03/20/2015	12/31/2015
Select	2015	Lake	LAKE DROUGHT	Governor Declared	03/10/2015	03/11/2015	03/16/2015	04/08/2015	15-02	03/16/2015	12/31/2015
Select	2015	Malheur	MALHEUR DROUGHT	Governor Declared	03/04/2015	03/11/2015	03/16/2015	04/08/2015	15-02	03/16/2015	12/31/2015
Select	2015	Wheeler	WHEELER DROUGHT	Governor Declared	03/18/2015	04/10/2015	04/20/2015	05/13/2015	15-04	04/20/2015	12/31/2015
Select	2015	Douglas	DOUGLAS DROUGHT					03/22/2015			
Select	2015	Union	UNION DROUGHT					03/20/2015			

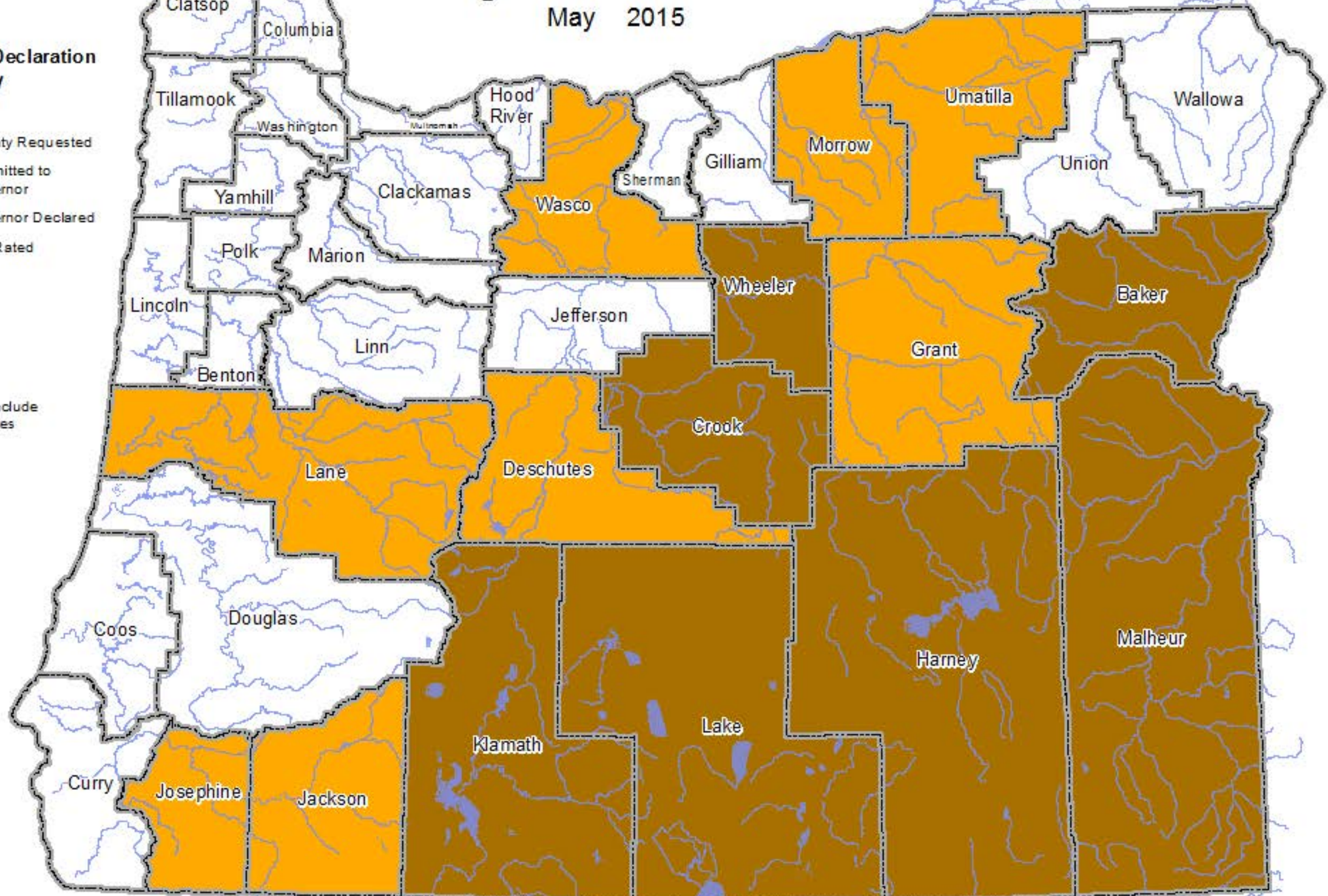
Oregon's Drought Council* Drought Declaration Status May 2015

Drought Declaration by County

Status

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

*Members Include
State Agencies



Oregon Water Resources Department
725 Summer St. NE Suite A
Salem, OR 97301
<http://www.wrd.state.or.us/>

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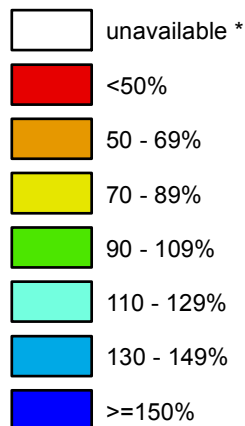
0 20 40 60 80 100 Miles

Updated: 5/18/2015 8:45 AM
Projection: Oregon Lambert, NAD 83

Oregon SNOTEL Current Snow Water Equivalent (SWE) % of Normal

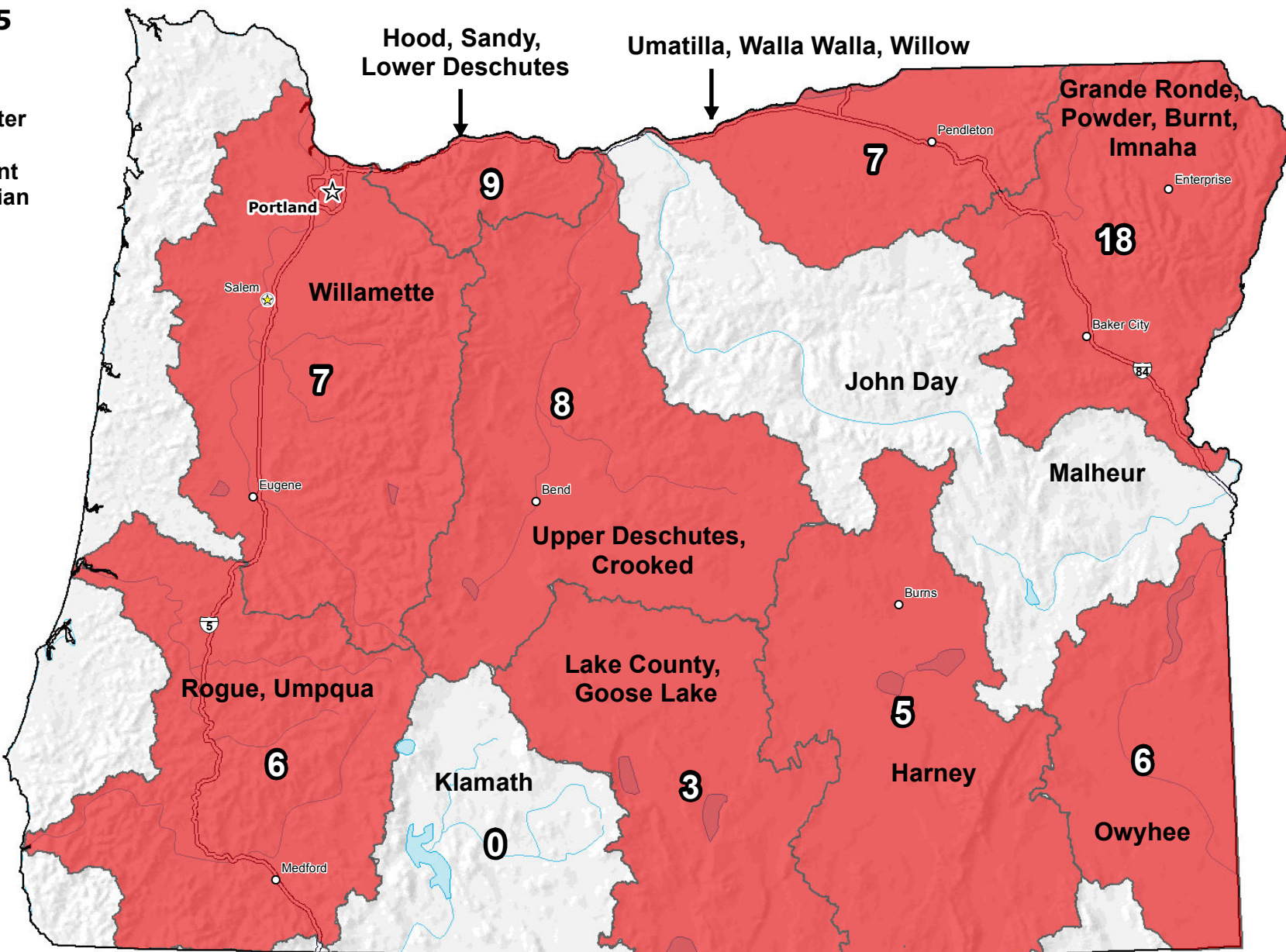
May 14, 2015

Current Snow Water Equivalent (SWE) Basin-wide Percent of 1981-2010 Median



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

Provisional Data
Subject to Revision



The snow water equivalent percent of normal represents the current snow water equivalent 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).

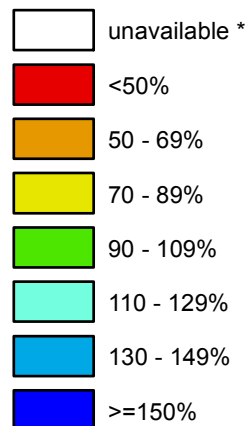
0 10 20 40 60 80 100 Miles

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

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

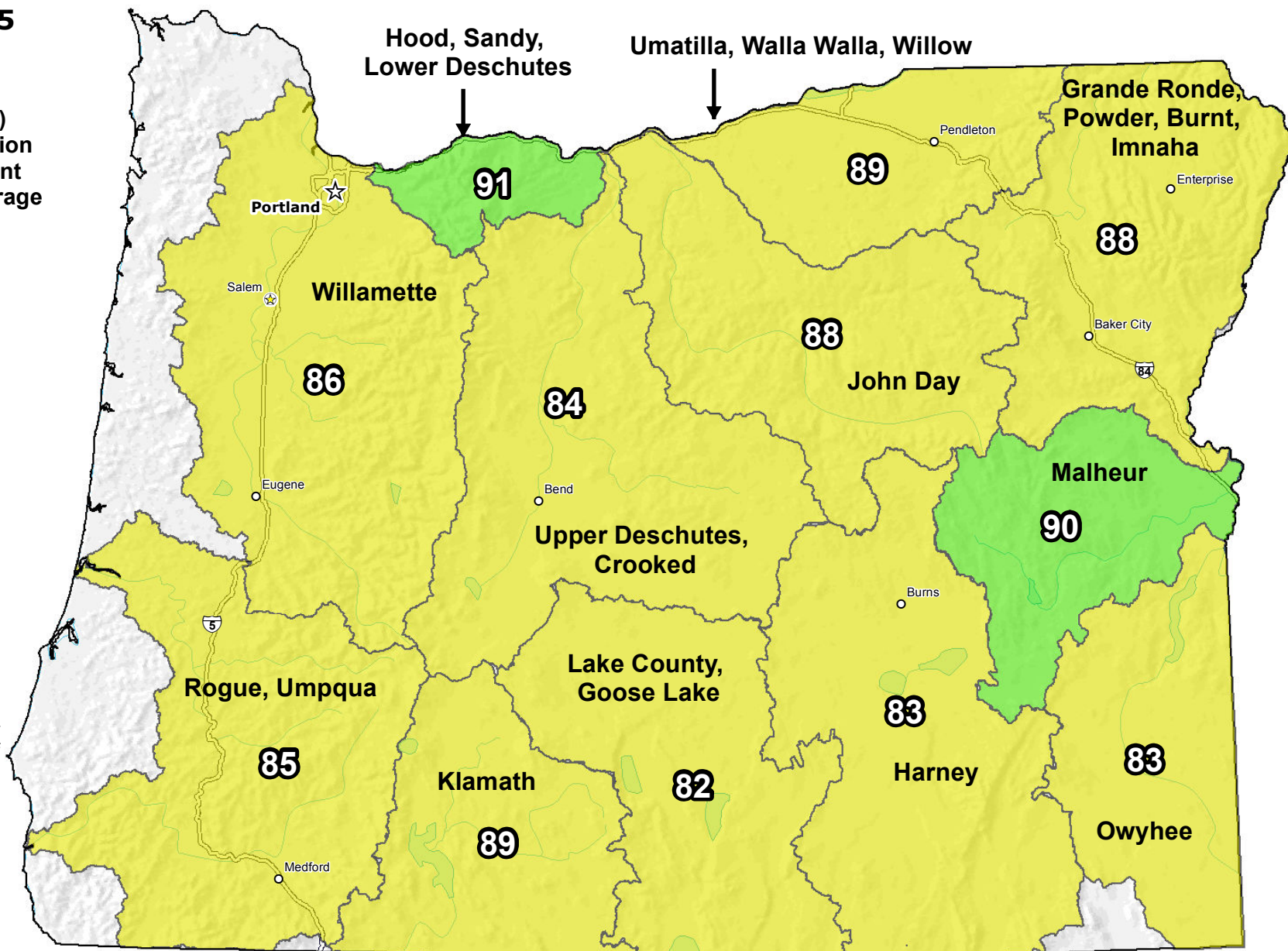
May 14, 2015

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

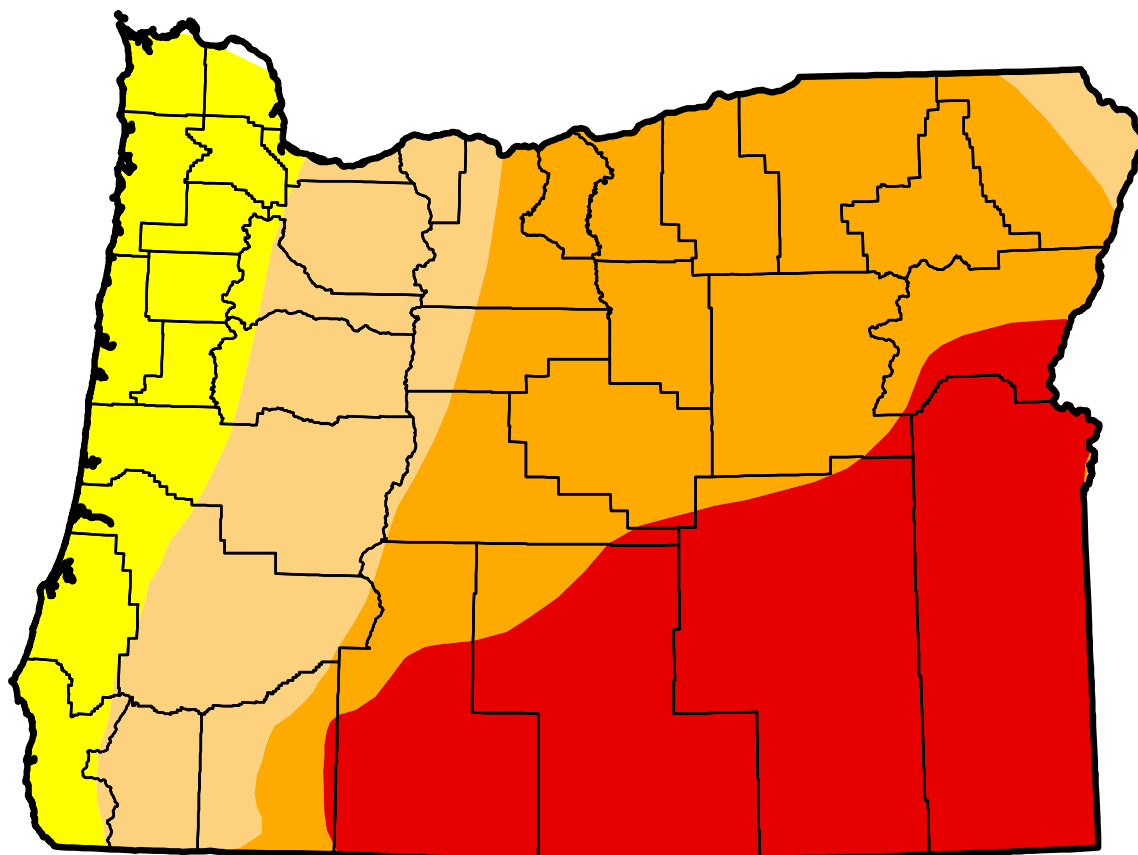
May 12, 2015

(Released Thursday, May. 14, 2015)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.11	99.89	86.76	67.38	34.09	0.00
Last Week <i>5/5/2015</i>	0.11	99.89	86.76	67.38	34.09	0.00
3 Months Ago <i>2/10/2015</i>	14.22	85.78	82.29	44.95	33.69	0.00
Start of Calendar Year <i>12/30/2014</i>	13.61	86.39	80.70	49.29	34.11	0.00
Start of Water Year <i>9/30/2014</i>	1.56	98.44	76.61	56.26	35.30	0.00
One Year Ago <i>5/13/2014</i>	5.22	94.78	73.37	46.03	9.31	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:

Brian Fuchs

National Drought Mitigation Center



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



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DROUGHT

Drought Water Right Summary Report

Search Criteria

County:

Start Drought Year:

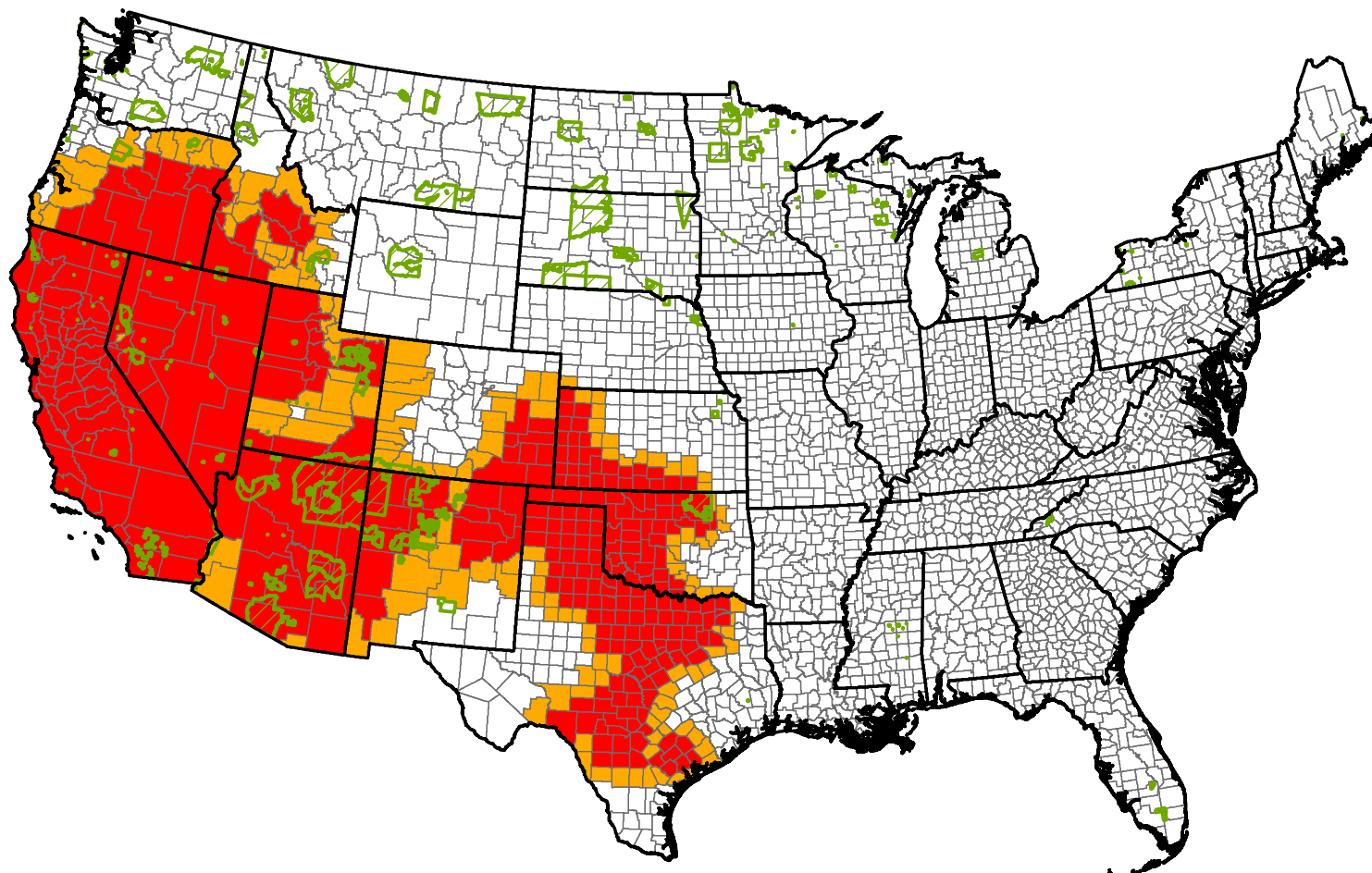
End Drought Year:

Records per Page:

Drought Year	County	Applications Rec'd	Applications Denied	Applications Approved	Acres Approved	Transfers Rec'd	Transfers Denied	Transfers Approved
2015	Klamath	30		28	19216.20			
2015	Lake	0				1		1
2015	Malheur	11		9	2498.40	4		1






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2015 Secretarial Drought Designations - All Drought



Secretarial Drought Designations for 2015

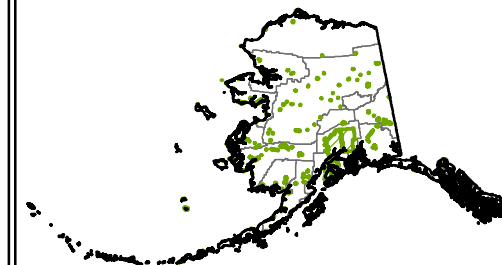
Disaster Incidents as of May 13, 2015

-  State Boundary
-  County Boundary
-  Tribal Lands
-  Primary Counties: 321
-  Contiguous Counties: 158



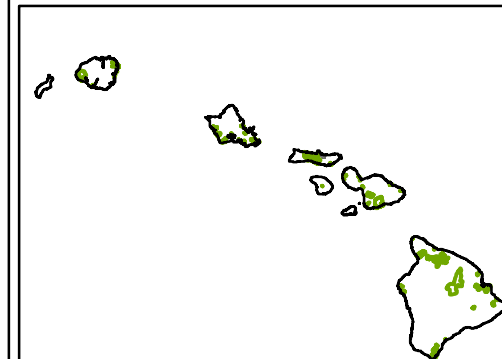
USDA Farm Service Agency
Production, Emergencies and Compliance Division
Washington, D.C.
May 13, 2015

1:23,520,203



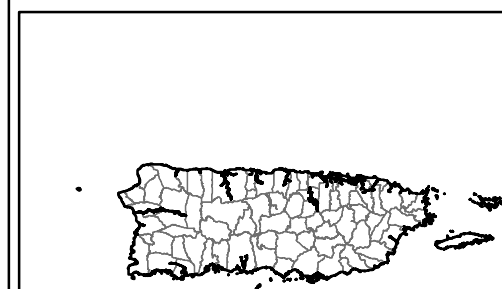
Alaska

1:58,102,399



Hawaii

1:19,740,053



Puerto Rico

1:5,592,808