Drought Report for the Week of May 26, 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.

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, Deschutes, Grant, Harney, Jackson, Josephine, Klamath, Lake, Lane, Malheur, Morrow, Umatilla, Wasco 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 6% of normal, signaling early and prolonged drought conditions throughout South and East parts of Oregon. Statewide average precipitation is less than 89% 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:

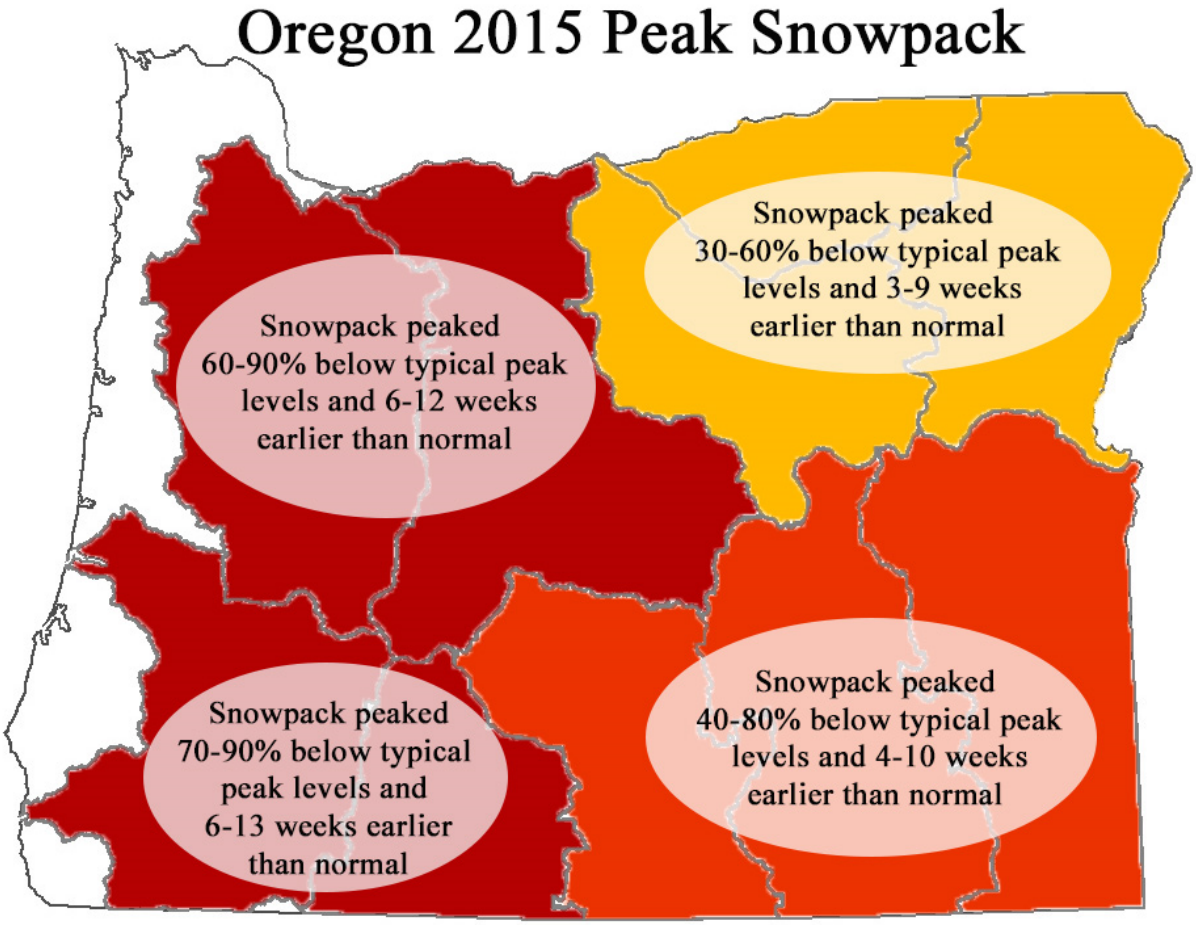
- Reservoir Storage Diagrams
  - Deschutes Basin
  - Willamette Basin
  - Tualatin River Basin
  - Rogue Basin
  - Umatilla River Basin
  - Southeastern Oregon
- Three Month Outlook – Temperature Probability
- Three Month Outlook – Precipitation Probability
- Oregon Surface Water Supply Index

United States
Department of
Agriculture

Natural Resources
Conservation
Service

Oregon
Basin Outlook Report

May 1, 2015



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.

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

North Coast
Sandy
Hood
Umatilla
Grande Ronde
Willamette
John Day
Powder
Mid Coast
Deschutes
Malheur
Goose & Summer Lakes
South Coast
Umpqua
Malheur Lake
Owyhee
Rogue
Klamath
South Coast

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 ofthe information.

N

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:** 2015 Search

Drought Status: **End Drought Year:** Clear

	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	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	Deschutes	DESCHUTES DROUGHT	Governor Declared	04/29/2015	05/15/2015	05/22/2015	04/22/2015	15-05	05/22/2015	12/31/2015
Select	2015	Grant	GRANT DROUGHT	Governor Declared	04/29/2015	05/15/2015	05/22/2015	03/18/2015	15-05	05/22/2015	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	Jackson	JACKSON DROUGHT	Governor Declared	05/13/2015	05/15/2015	05/22/2015	03/18/2015	15-05	05/22/2015	12/31/2015
Select	2015	Josephine	JOSEPHINE DROUGHT	Governor Declared	05/06/2015	05/15/2015	05/22/2015	03/20/2015	15-05	05/22/2015	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	Lane	LANE DROUGHT	Governor Declared	05/12/2015	05/15/2015	05/22/2015		15-05	05/22/2015	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	Morrow	MORROW DROUGHT	Governor Declared	05/06/2015	05/15/2015	05/22/2015	03/20/2015	15-05	05/22/2015	12/31/2015
Select	2015	Umatilla	UMATILLA DROUGHT	Governor Declared	04/28/2015	05/15/2015	05/22/2015	03/20/2015	15-05	05/22/2015	12/31/2015
Select	2015	Wasco	WASCO DROUGHT	Governor Declared	05/20/2015	05/21/2015	05/22/2015		15-05	05/22/2015	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

Clatsop, Columbia, Tillamook, Washington, Multnomah, Hood River, Umatilla, Wallowa, Morrow, Gilliam, Sherman, Wasco, Union, Yamhill, Clackamas, Polk, Marion, Lincoln, Linn, Jefferson, Wheeler, Baker, Benton, Grant, Crook, Lane, Deschutes, Douglas, Coos, Harney, Malheur, Klamath, Lake, Curry, Josephine, Jackson

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N

0 20 40 60 80 100 Miles

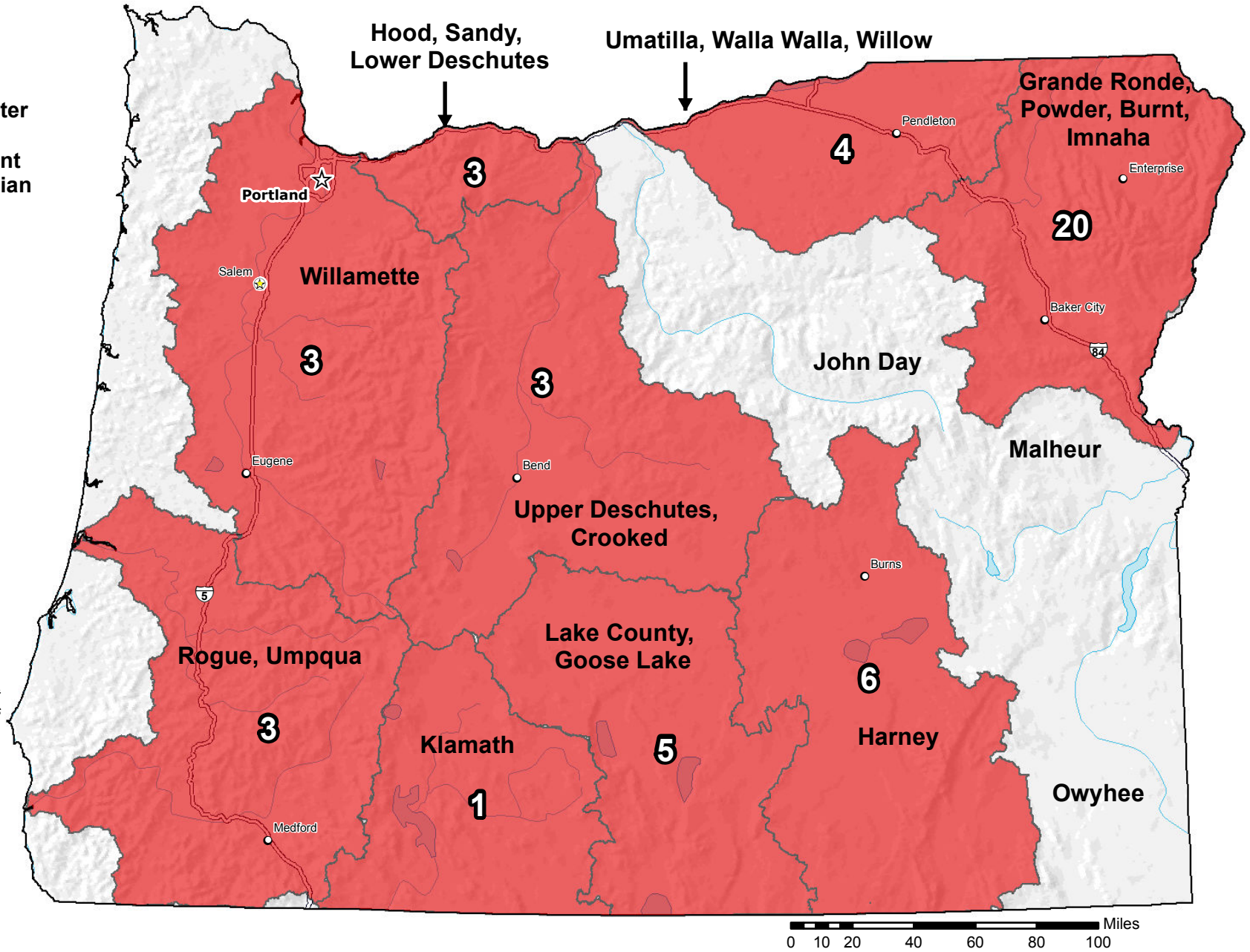
Updated: 5/26/2015 7:22 AM
Projection: Oregon Lambert, NAD 83

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

5/21/2015

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

- unavailable *
- <50%
- 50 - 69%
- 70 - 89%
- 90 - 109%
- 110 - 129%
- 130 - 149%
- >=150%



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

Provisional Data Subject to Revision

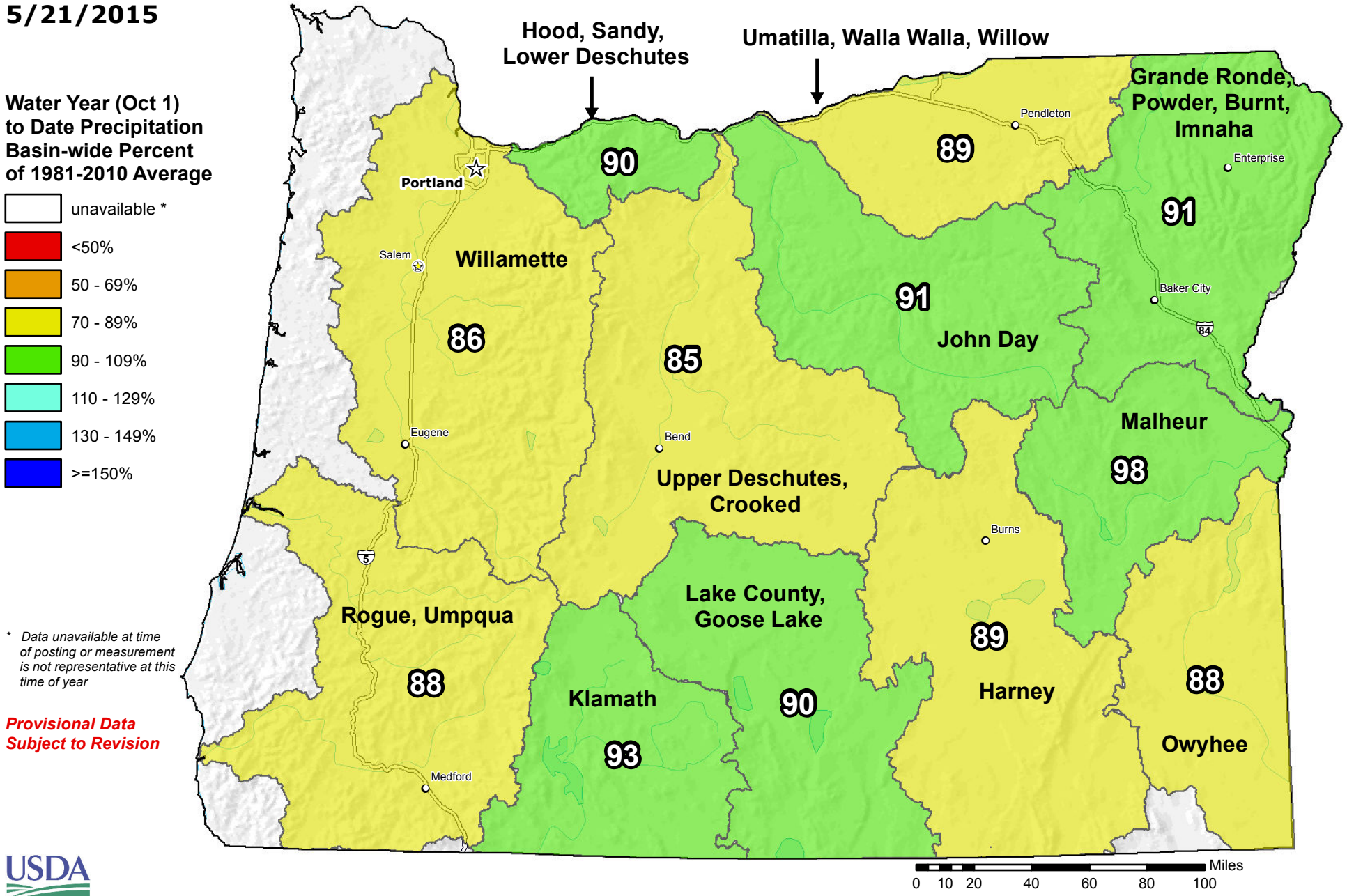
USDA NRCS

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).

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

5/21/2015



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

- unavailable *
- <50%
- 50 - 69%
- 70 - 89%
- 90 - 109%
- 110 - 129%
- 130 - 149%
- >=150%

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

Provisional Data Subject to Revision

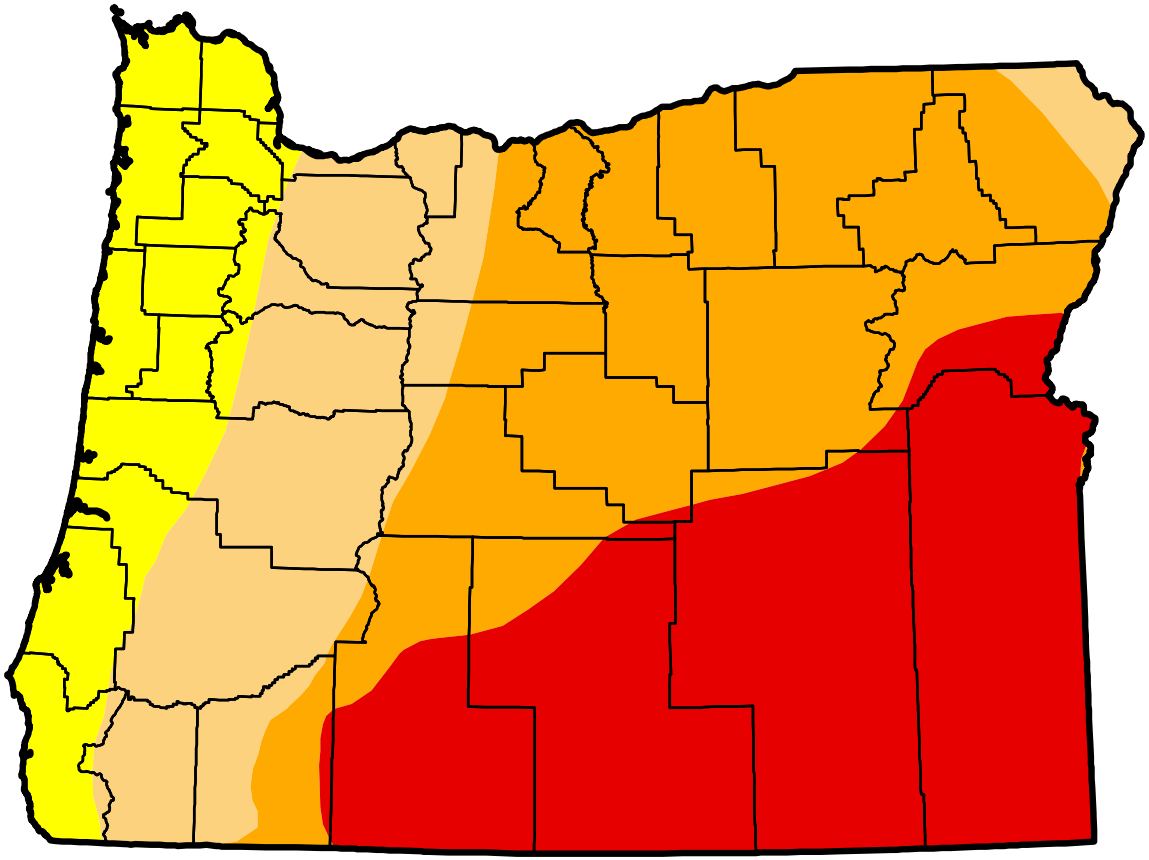
USDA NRCS

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).

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

U.S. Drought Monitor

Oregon



May 19, 2015

(Released Thursday, May. 21, 2015)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	86.76	67.38	34.09	0.00
Last Week *5/12/2015*	0.11	99.89	86.76	67.38	34.09	0.00
3 Months Ago *2/17/2015*	14.22	85.78	82.29	44.95	33.71	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 *9/30/2014*	1.56	98.44	76.61	56.26	35.30	0.00
One Year Ago *5/20/2014*	5.22	94.78	73.37	46.03	9.31	0.00

Intensity:

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

Drought Water Right Summary Report

Search Criteria

County:

Start Drought Year: 2015

End Drought Year:

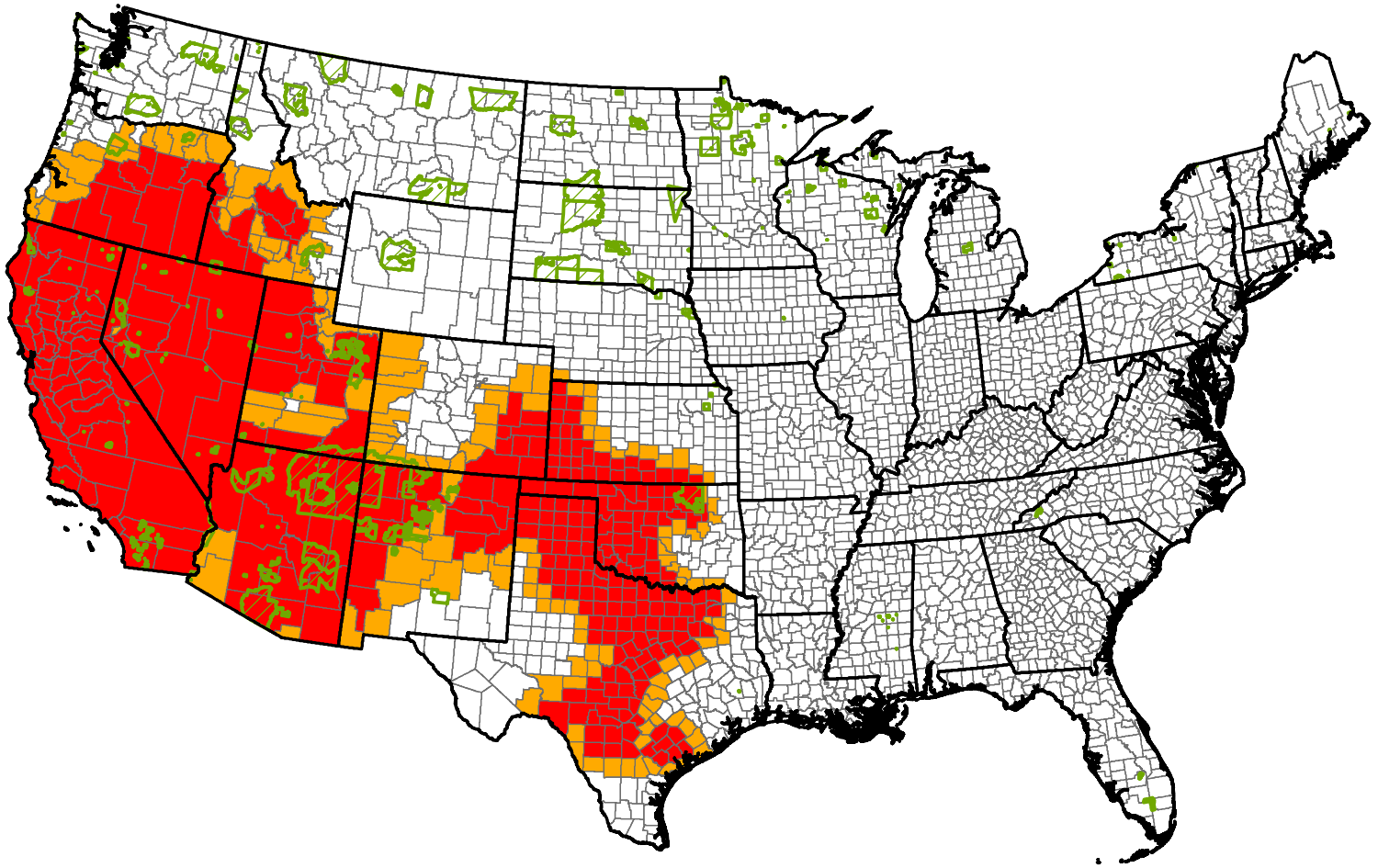
Search

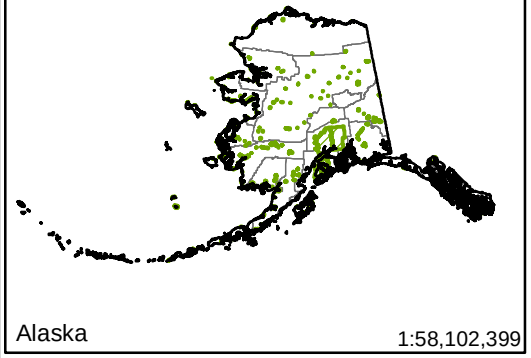
Clear

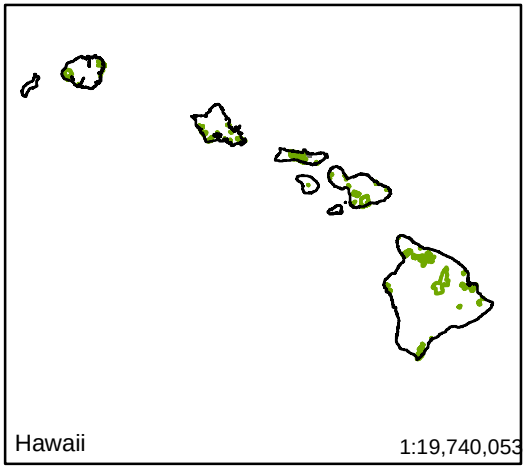
Drought Year	County	Applications Rec'd	Applications Denied	Applications Approved	Acres Approved	Transfers Rec'd	Transfers Denied	Transfers Approved
2015	Crook	0				1		
2015	Harney	1				1		
2015	Klamath	35	1	30	19293.10			
2015	Lake	1				1		1
2015	Malheur	11		11	2641.62	4		3

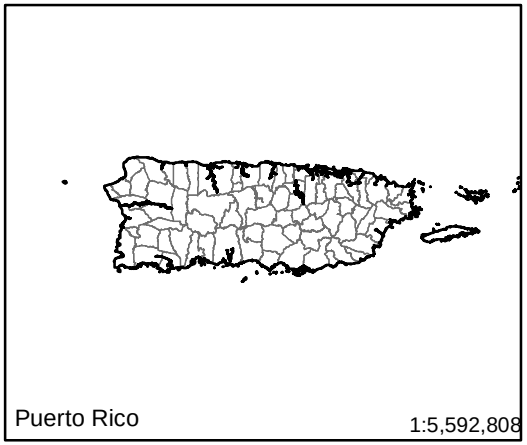
Go Back to Menu Page View Drought Declaration Report View Basin Status Report

2015 Secretarial Drought Designations - All Drought









Secretarial Drought Designations for 2015

Disaster Incidents as of May 20, 2015

- State Boundary
- County Boundary
- Tribal Lands
- Primary Counties: 324
- Contiguous Counties: 156

1:23,520,203

USDA FSA FARM SERVICE AGENCY

USDA Farm Service Agency
Production, Emergencies and Compliance Division
Washington, D.C.
May 20, 2015