



Drought Report for the Week of March 30, 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. Counties that have made this determination and are currently asking for the state's help are: Baker and Wheeler County.

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 April 9, 2015. Counties that have gone through these committees and have been forwarded to the Governor's Office with a recommendation for drought declaration are: Klamath, Harney, and Crook Counties.

Finally, if approved for drought declaration, the Governor's Office issues an Executive Order, declaring drought in specific counties. In recent years, the Executive Order has specified a time limit of one year. A Governor's declared drought is in place for 2015 in the following counties: Malheur and Lake Counties. 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 20% of normal, signaling early and prolonged drought conditions throughout Southeast Oregon.

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- 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

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 - o [Umatilla River Basin](#)
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United States
Department of
Agriculture



Natural Resources
Conservation
Service

Oregon Basin Outlook Report

March 1, 2015



A brief glimpse of winter on Mt. Bachelor as NRCS surveyors measure record low snowpack.

Photo courtesy of Kurt Moffitt (NRCS Oregon)

NRCS snow surveyors, Kurt Moffitt and Gabby Coughlin, measured record low snowpack near Mt. Bachelor at two snow courses this month. Tangent snow course (5470 ft) dates back over 60 years and is one of the oldest sites in the basin. The March measurement set a new record low with only 6" of snow depth (1.8" of snow water), which is 10% of normal for this site. The previous record low for March 1 was set in 1977. As of March 1, 32 sites in Oregon set new record lows for snowpack and many more are near record low. Because of this, below normal streamflow is expected this summer in many areas across Oregon.



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Current Basin Water Status

Basin #	Basin Name	Basin Status	Reason
1	North Coast	Not Rated	
2	Willamette	Below Normal	Near normal streamflow now; bad outlook
3	Sandy	Below Normal	Near normal streamflow now; bad outlook
4	Hood	Below Normal	Near normal streamflow now; bad outlook
5	Deschutes	Below Normal	Reservoirs are near full
6	John Day	Drought Likely	Bad streamflow outlook; No Reservoirs
7	Umatilla	Below Normal	Reservoirs are near full, good water supply
8	Grande Ronde	Below Normal	Snowpack >5000'
9	Powder	Drought Likely	Reservoir Storage is mixed; no snowpack
10	Malheur	Drought Unavoidable	Reservoir storage is near empty
11	Owyhee	Drought Unavoidable	Reservoir storage is near empty
12	Malheur Lake	Drought Unavoidable	No reservoir storage; No snowpack
13	Goose & Summer Lake	Drought Unavoidable	Reservoir storage is near empty
14	Klamath	Drought Unavoidable	Stressed soil; No snowpack
15	Rogue	Drought Likely	Lack of snowpack; Reservoir storage is decent
16	Umpqua	Drought Likely	Lack of snowpack; River outlook bad
17	South Coast	Not Rated	
18	Middle Coast	Not Rated	

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Oregon's Water Availability Committee* Water Supply Assessment March 2015

Drought by Basin Status

- Near or Above Normal
- Below Normal
- Drought Likely
- Drought Unavoidable
- Drought
- Extreme Drought
- 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: 3/23/2015
Projection: Oregon Lambert, NAD 83

DROUGHT

Drought Declarations

Search Criteria

County: Start Drought Year:

Search

Drought Status: End Drought Year:

Clear

Records per Page:

Drought Year	County	Drought Title	Drought Status	County Declaration Date	Forwarded to Governor Date	Governor Declaration Date	Federal Declaration Date	Executive Order	
2015	Malheur	MALHEUR DROUGHT	Governor Declared	03/04/2015	03/11/2015	03/16/2015	03/20/2015	15-02	(map)
2015	Lake	LAKE DROUGHT	Governor Declared	03/10/2015	03/11/2015	03/16/2015		15-02	(map)
2015	Harney	HARNEY DROUGHT	Submitted to Governor		03/20/2015		03/20/2015		(map)
2015	Klamath	KLAMATH DROUGHT	Submitted to Governor		03/20/2015		03/20/2015		(map)
2015	Crook	CROOK DROUGHT	Submitted to Governor		03/20/2015		03/20/2015		(map)
2015	Baker	BAKER DROUGHT	County Declared	03/18/2015			03/20/2015		(map)
2015	Douglas	DOUGLAS DROUGHT					03/20/2015		(map)
2015	Josephine	JOSEPHINE DROUGHT					03/20/2015		(map)
2015	Morrow	MORROW DROUGHT					03/20/2015		(map)
2015	Umatilla	UMATILLA DROUGHT					03/20/2015		(map)
2015	Union	UNION DROUGHT					03/20/2015		(map)
2015	Wheeler	WHEELER DROUGHT					03/20/2015		(map)

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Oregon's Drought Council* Drought Declaration Status

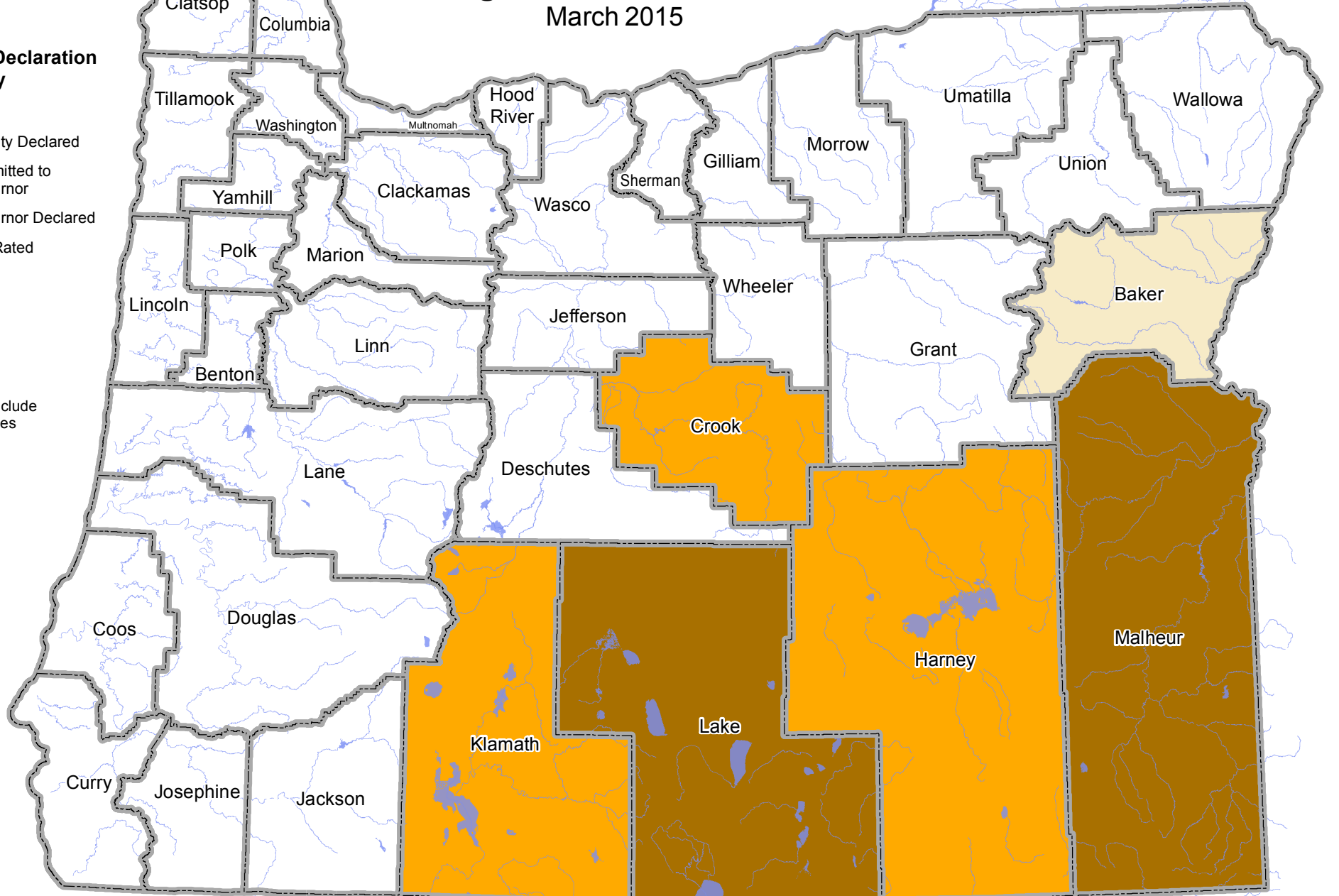
March 2015

Drought Declaration by County

Status

-  County Declared
-  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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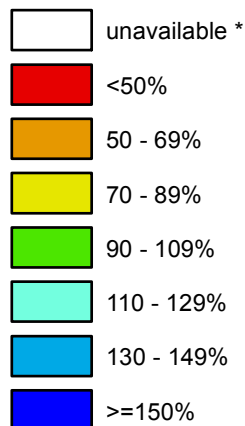
0 20 40 60 80 100 Miles

Updated: 3/20/2015
Projection: Oregon Lambert, NAD 83

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

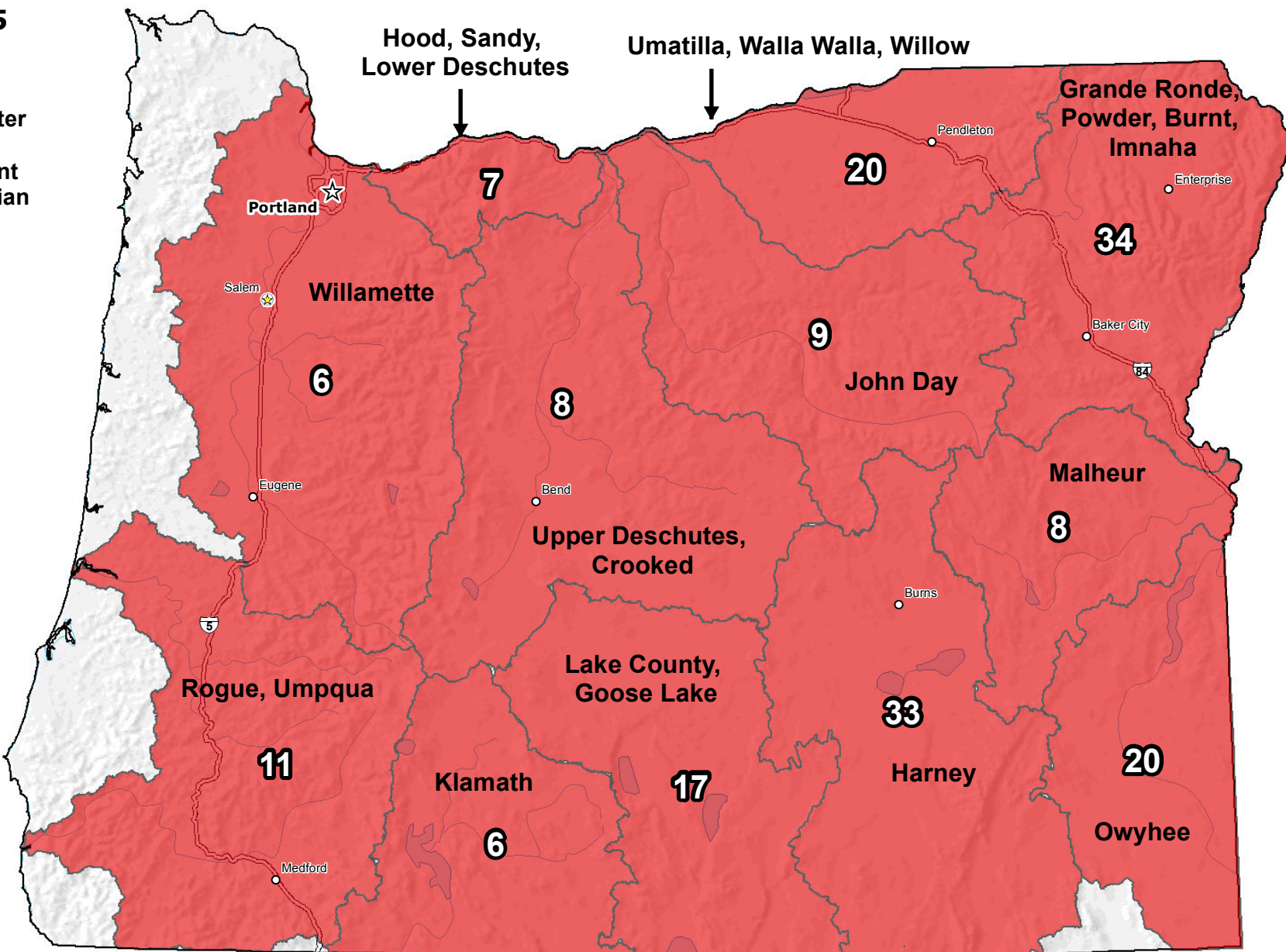
Mar 30, 2015

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).

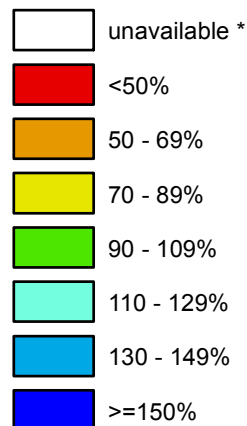
0 10 20 40 60 80 100 Miles

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

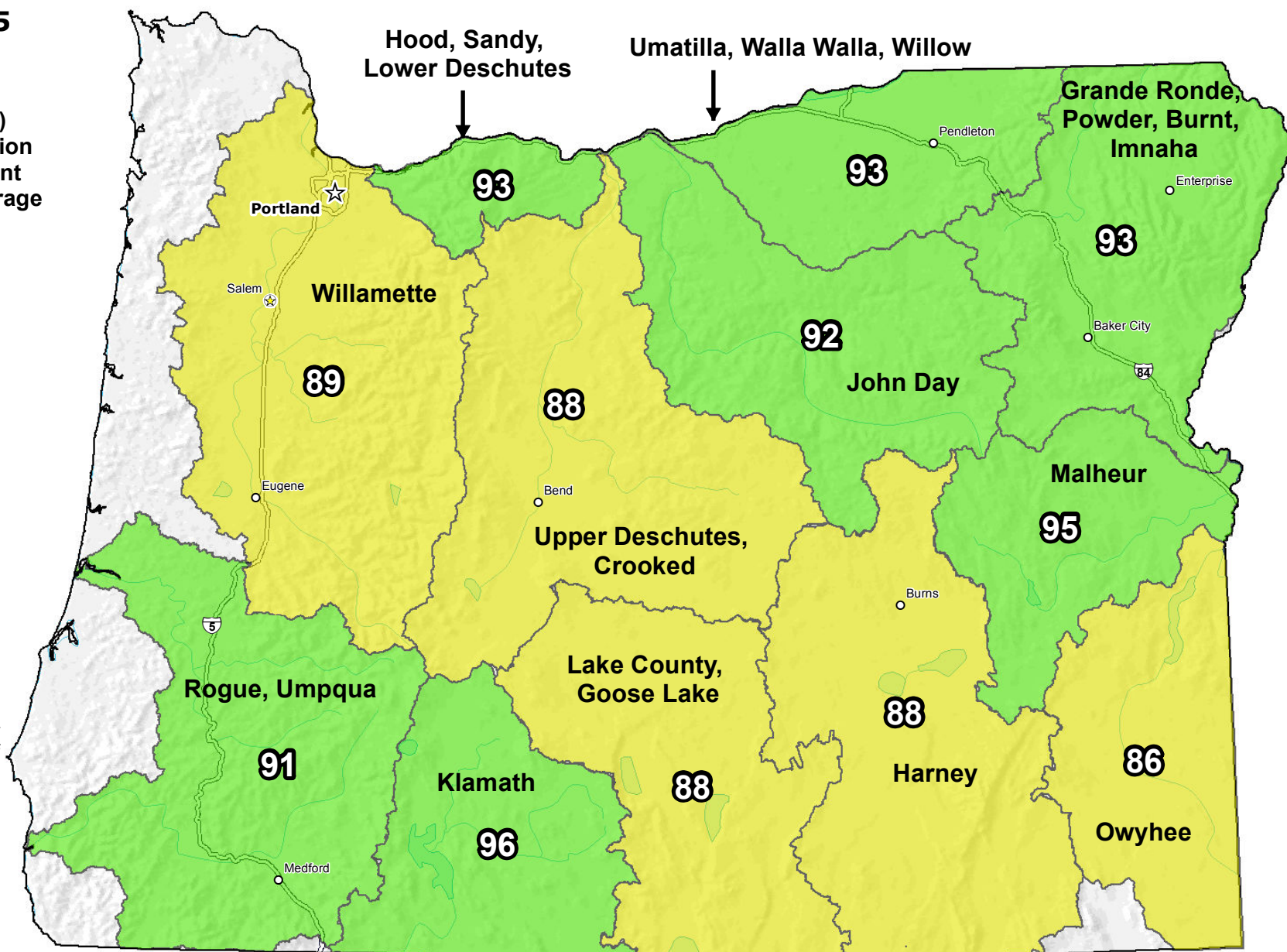
Mar 30, 2015

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

March 24, 2015

(Released Thursday, Mar. 26, 2015)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	14.36	85.64	82.30	47.93	33.72	0.00
Last Week <i>3/17/2015</i>	14.22	85.78	82.30	47.93	33.72	0.00
3 Months Ago <i>12/23/2014</i>	12.09	87.91	81.60	51.58	34.11	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>3/25/2014</i>	0.78	99.22	95.15	49.08	0.00	0.00

Intensity:

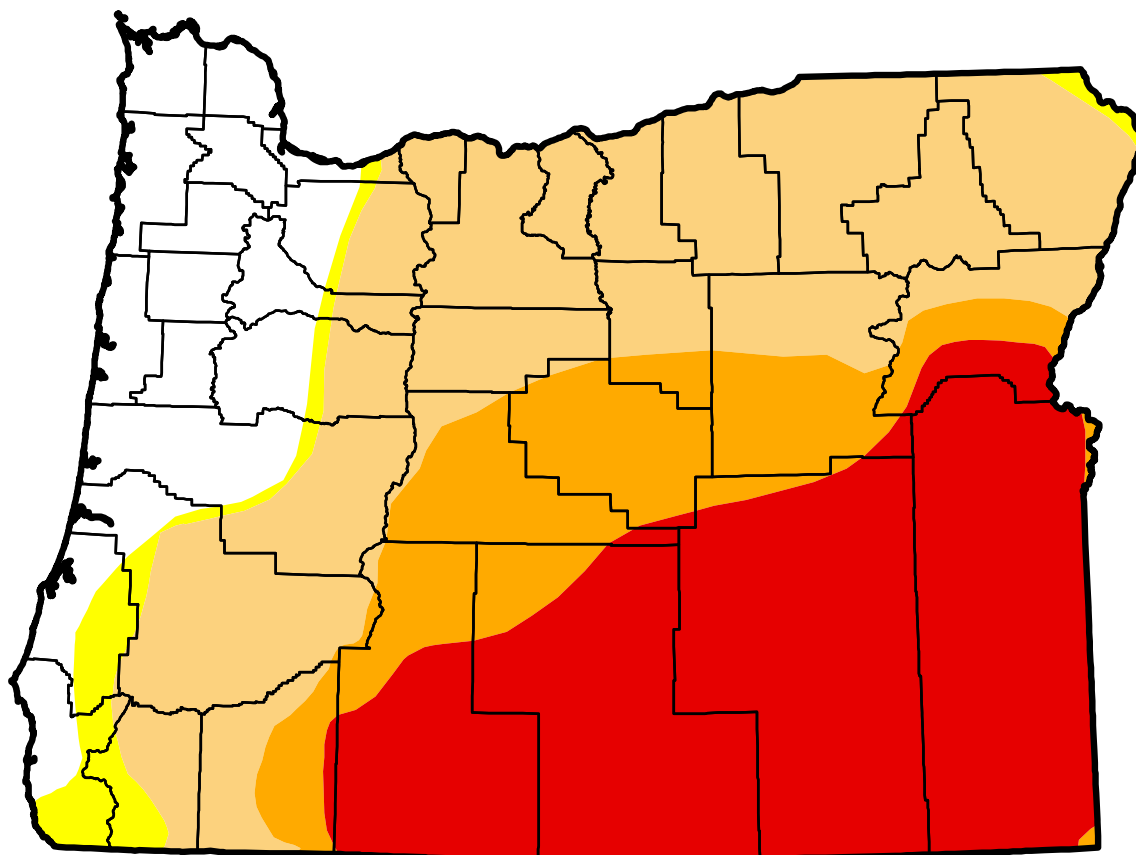
 D0 Abnormally Dry	 D3 Extreme Drought
 D1 Moderate Drought	 D4 Exceptional Drought
 D2 Severe Drought	

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

Author:

Eric Luebehusen

U.S. Department of Agriculture



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



Water Right Summary Report

Search Criteria

County: Start Drought Year: Search

End Drought Year: Clear

Records per Page:

<u>Drought Year</u>	<u>County</u>	<u>Drought Title</u>	<u>Drought Status</u>	<u># of Drought Applications</u>	<u># of Drought Permits</u>	<u># of Drought Transfers</u>
2015	Malheur	MALHEUR DROUGHT	Governor Declared	5	0	2

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