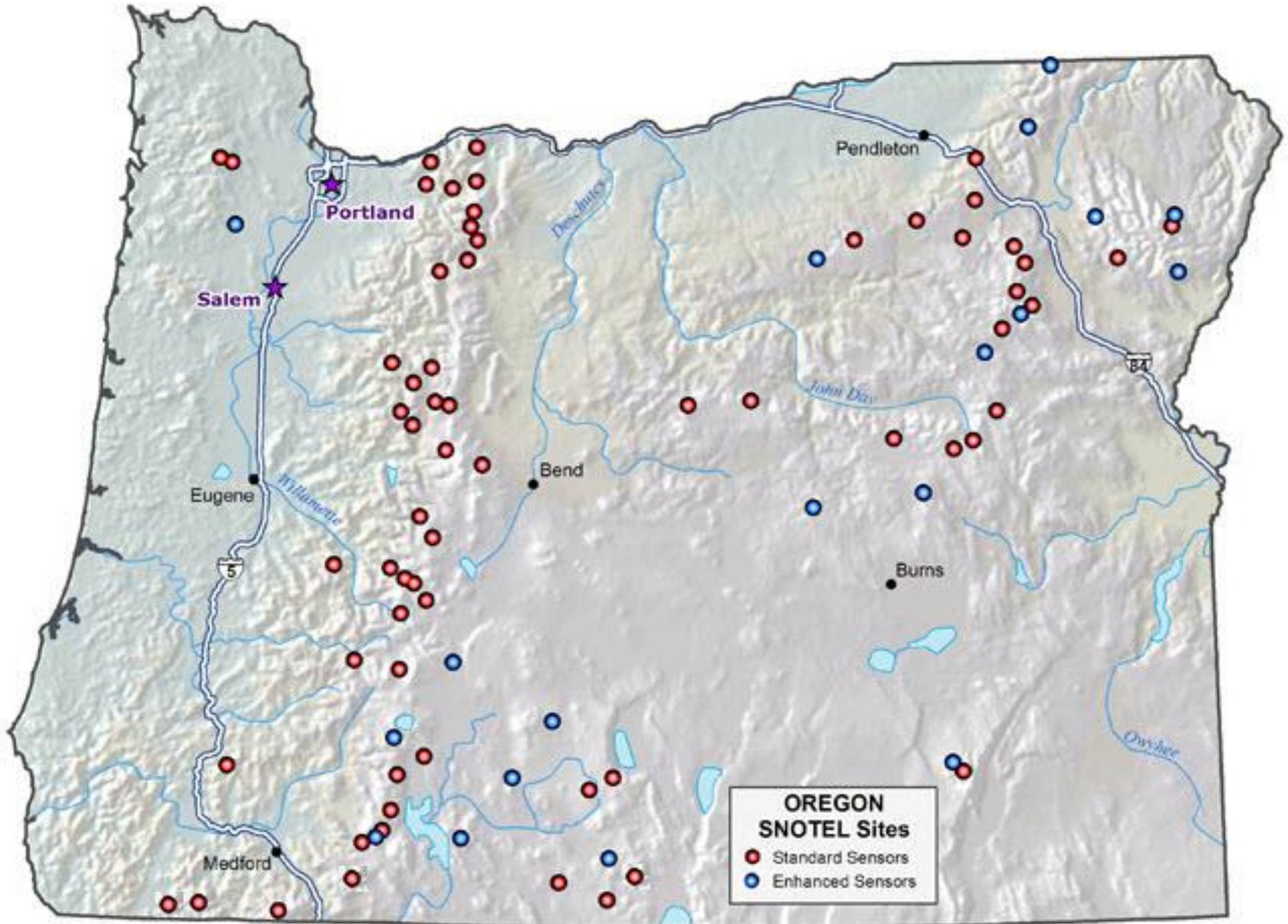




Surface Water Supply and Drought Declaration Update

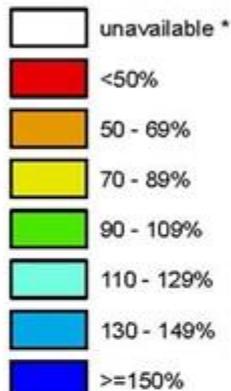
May 2014

Oregon SNOTEL Sites



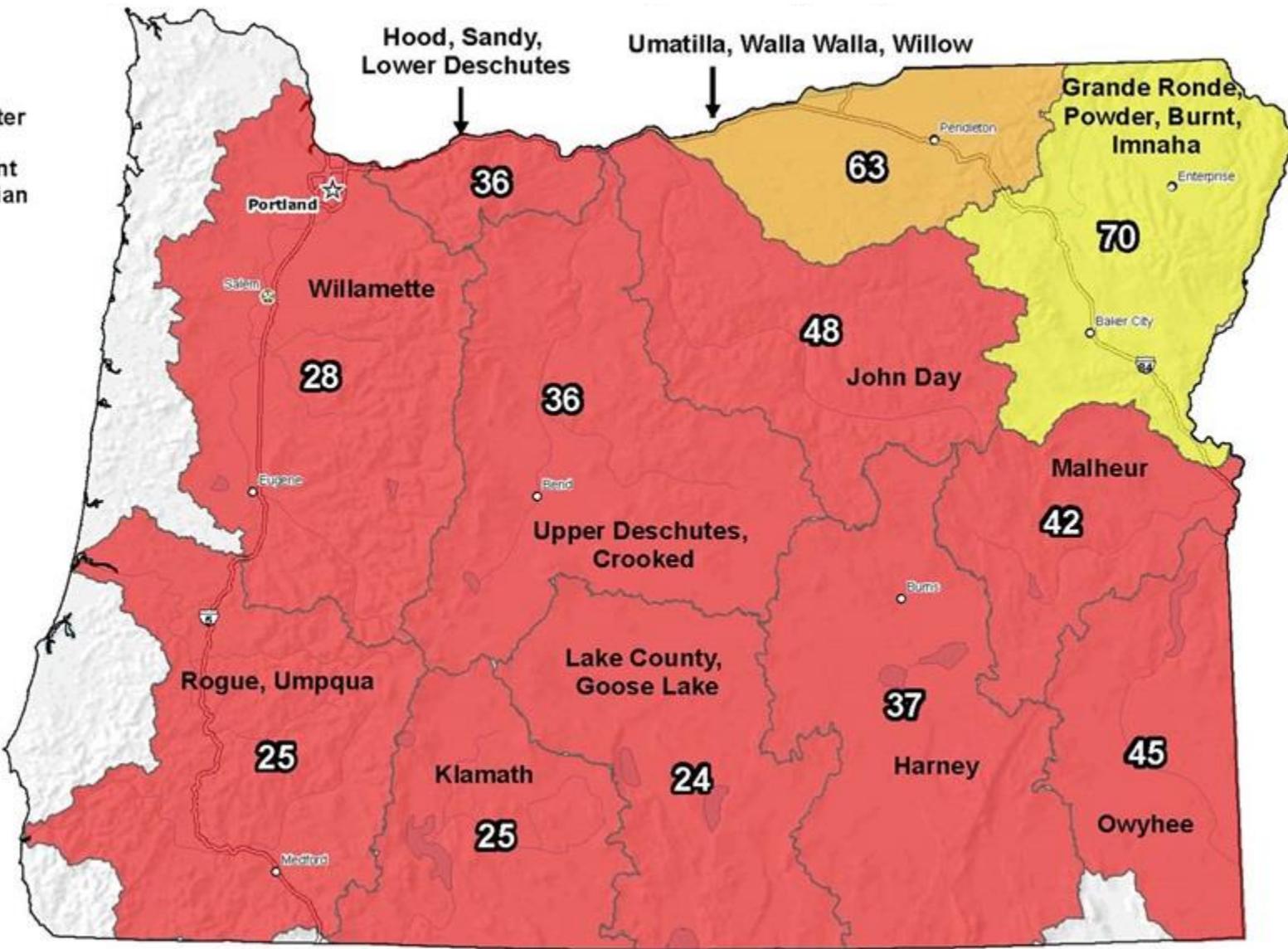
January 21, 2014 SNOTEL Snow Water Equivalent % Normal

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

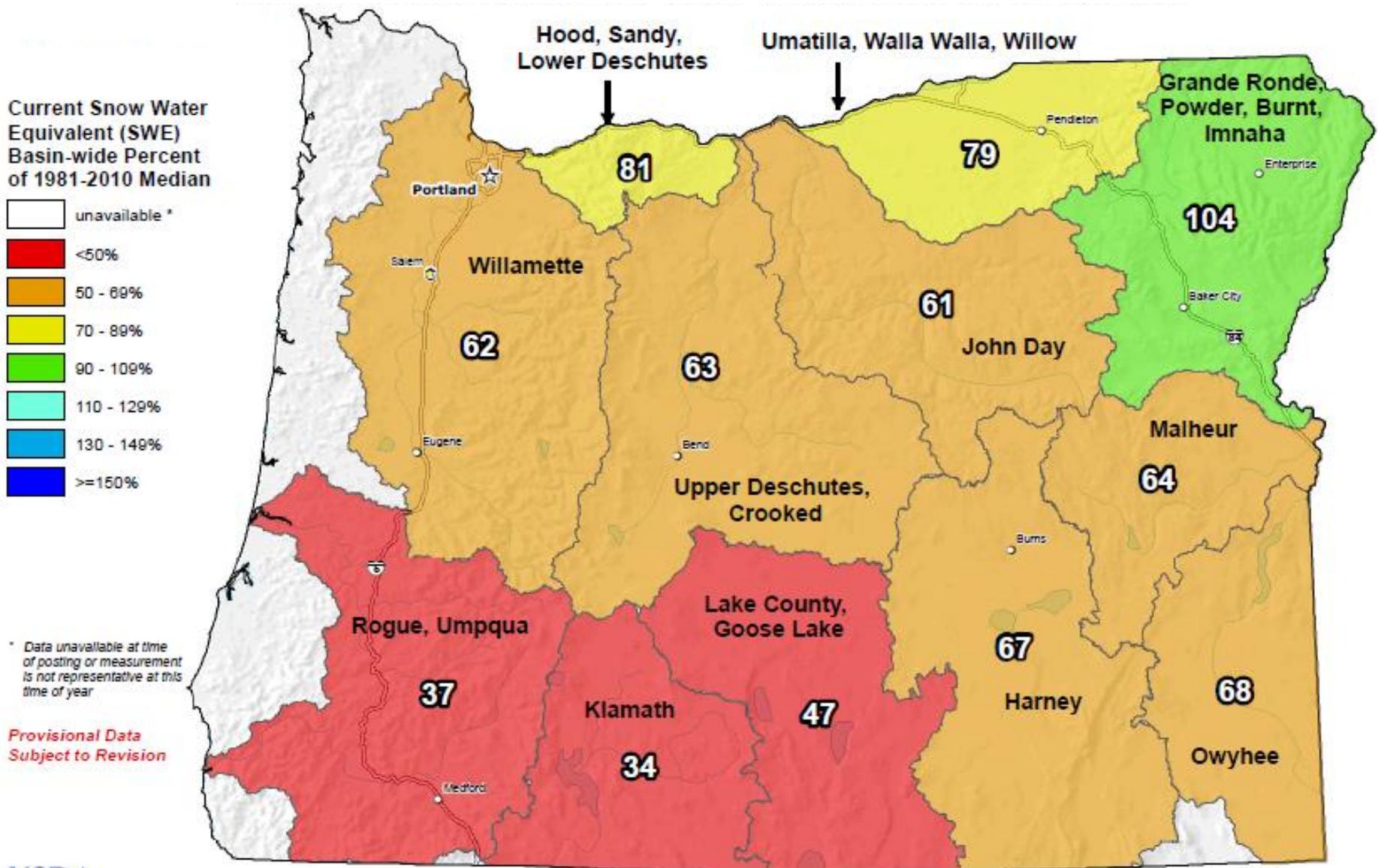


The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).



Prepared by the USDA/NRCS National Water and Climate Center
Portland, Oregon <http://www.wcc.nrcs.usda.gov/gis/>
Based on data from <http://www.wcc.nrcs.usda.gov/reports/>
Science contact: Jim.Marron@por.usda.gov 503 414 3047

April 5, 2014 SNOTEL Snow Water Equivalent % Normal



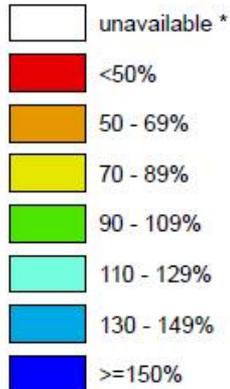
The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

0 10 20 40 60 80 100 Miles
 Prepared by the USDA/NRCS National Water and Climate Center
 Portland, Oregon <http://www.wcc.nrcs.usda.gov/gis/>
 Based on data from <http://www.wcc.nrcs.usda.gov/reports/>
 Science contact: Jim.Marron@por.usda.gov 503 414 3047

May 12, 2014 SNOTEL Snow Water Equivalent % Normal

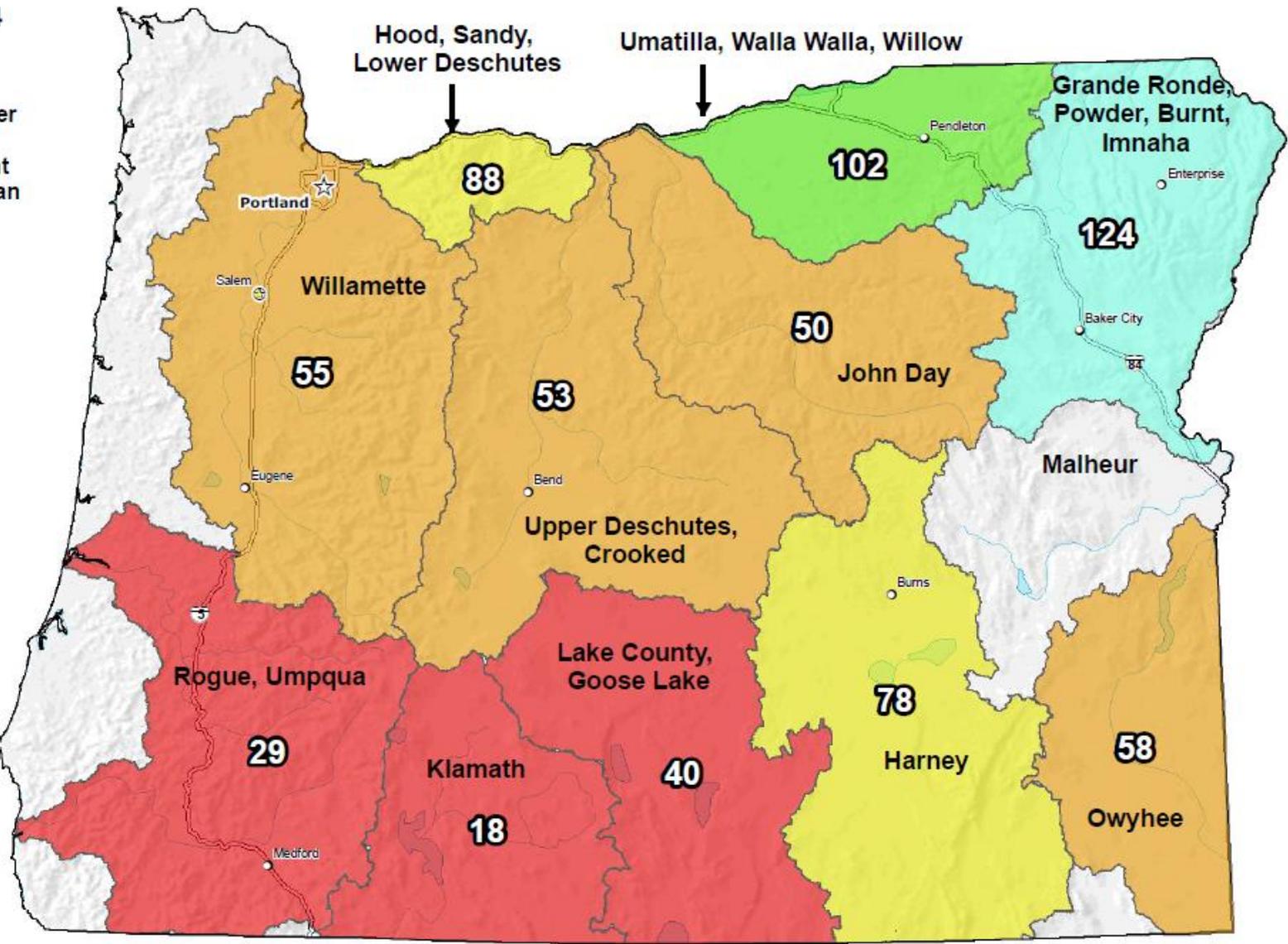
May 12, 2014

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



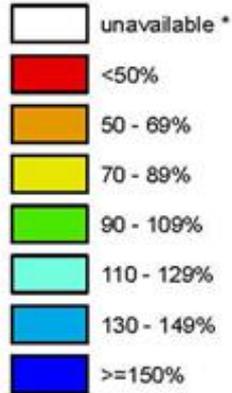
The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).



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

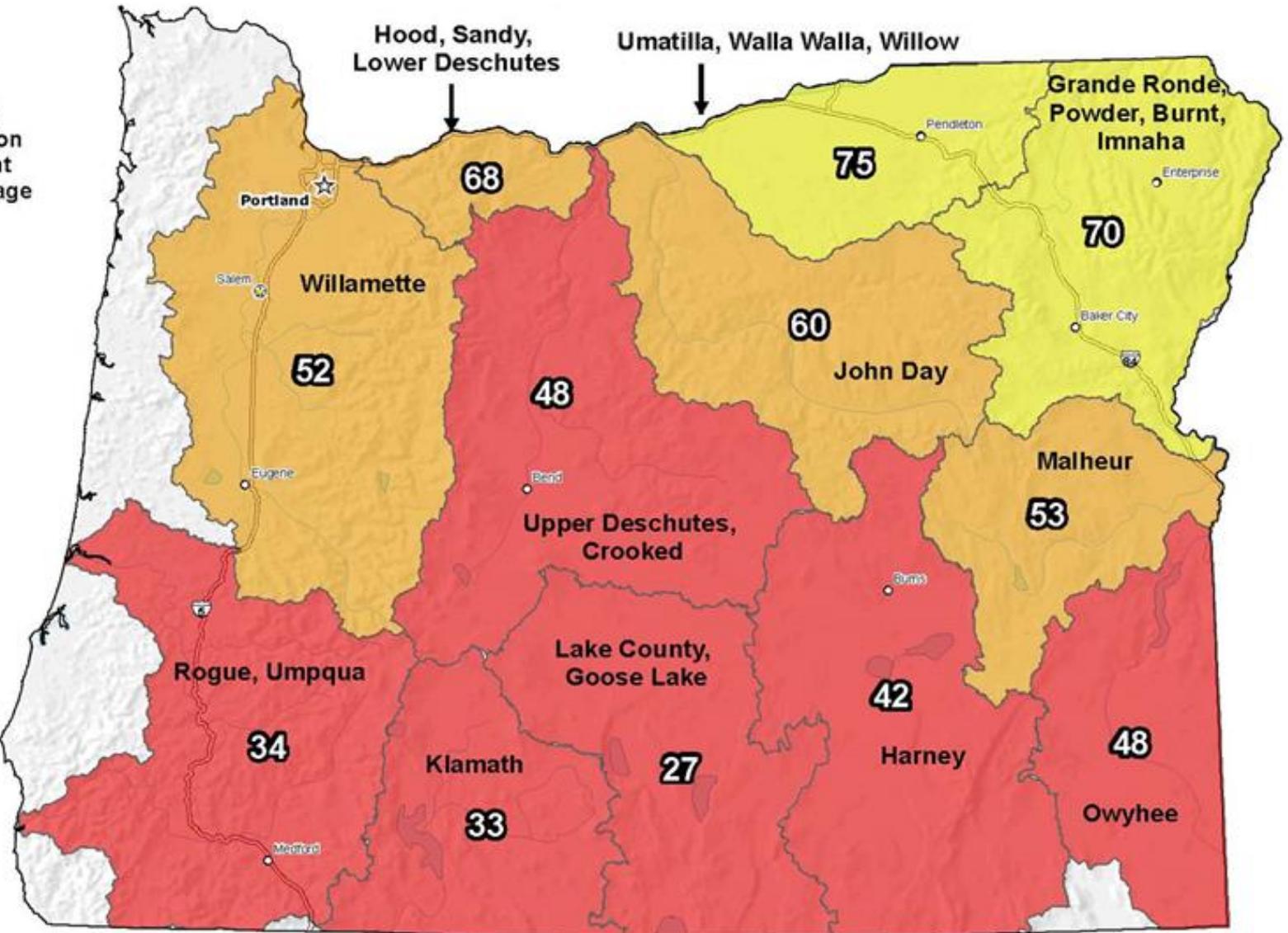
January 21, 2014 Cumulative Precipitation, % Normal

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).

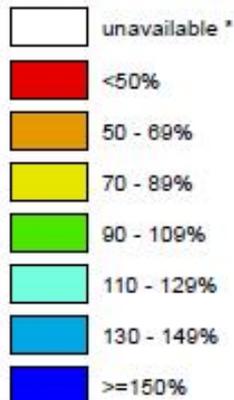
0 10 20 40 60 80 100 Miles

Prepared by the USDA/NRCS National Water and Climate Center
Portland, Oregon <http://www.wcc.nrcs.usda.gov/gis/>
Based on data from <http://www.wcc.nrcs.usda.gov/reports/>
Science contact: Jim.Marron@por.usda.gov 503 414 3047

April 5, 2014 Cumulative Precipitation, % Normal

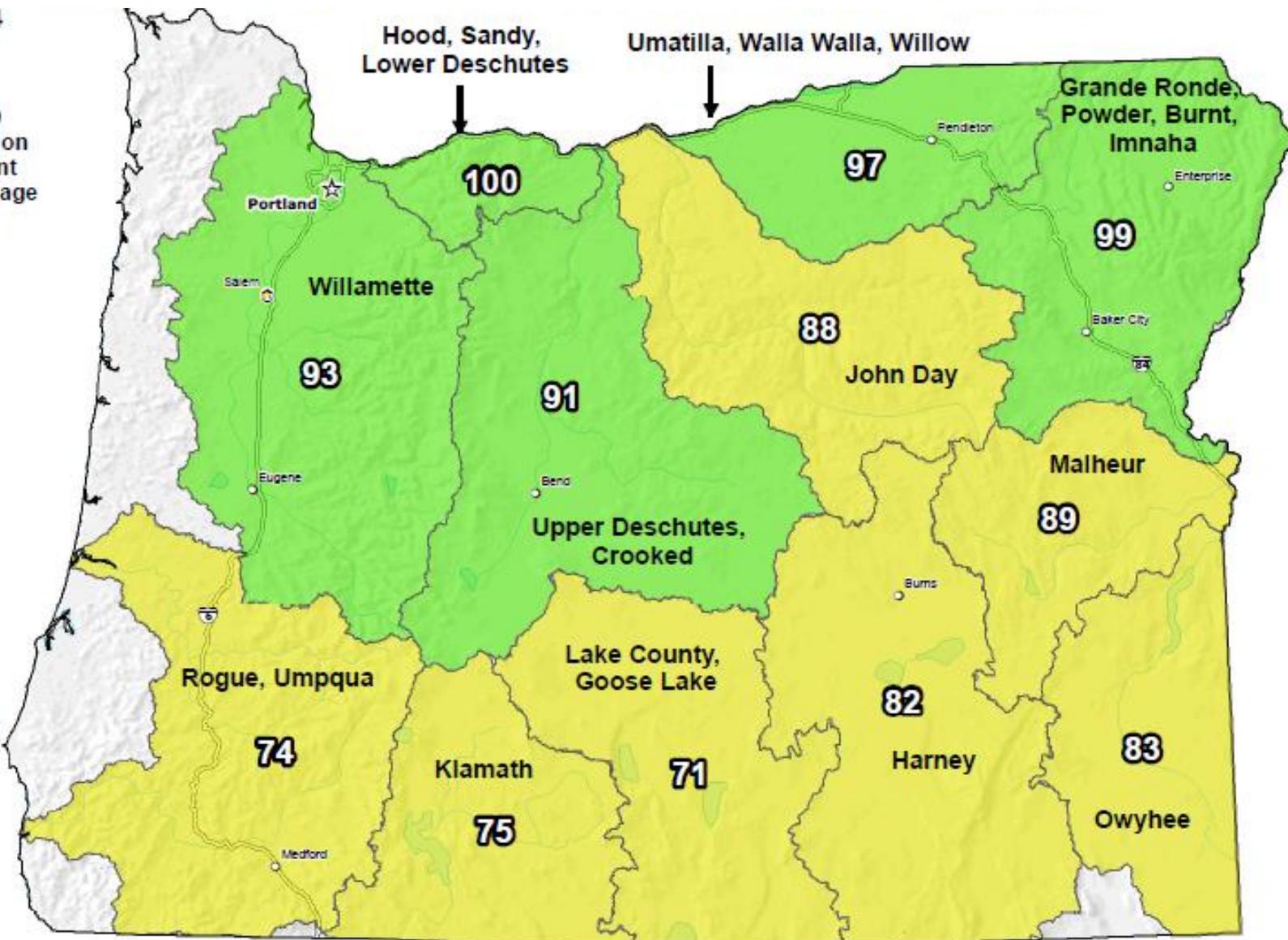
Apr 05, 2014

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).



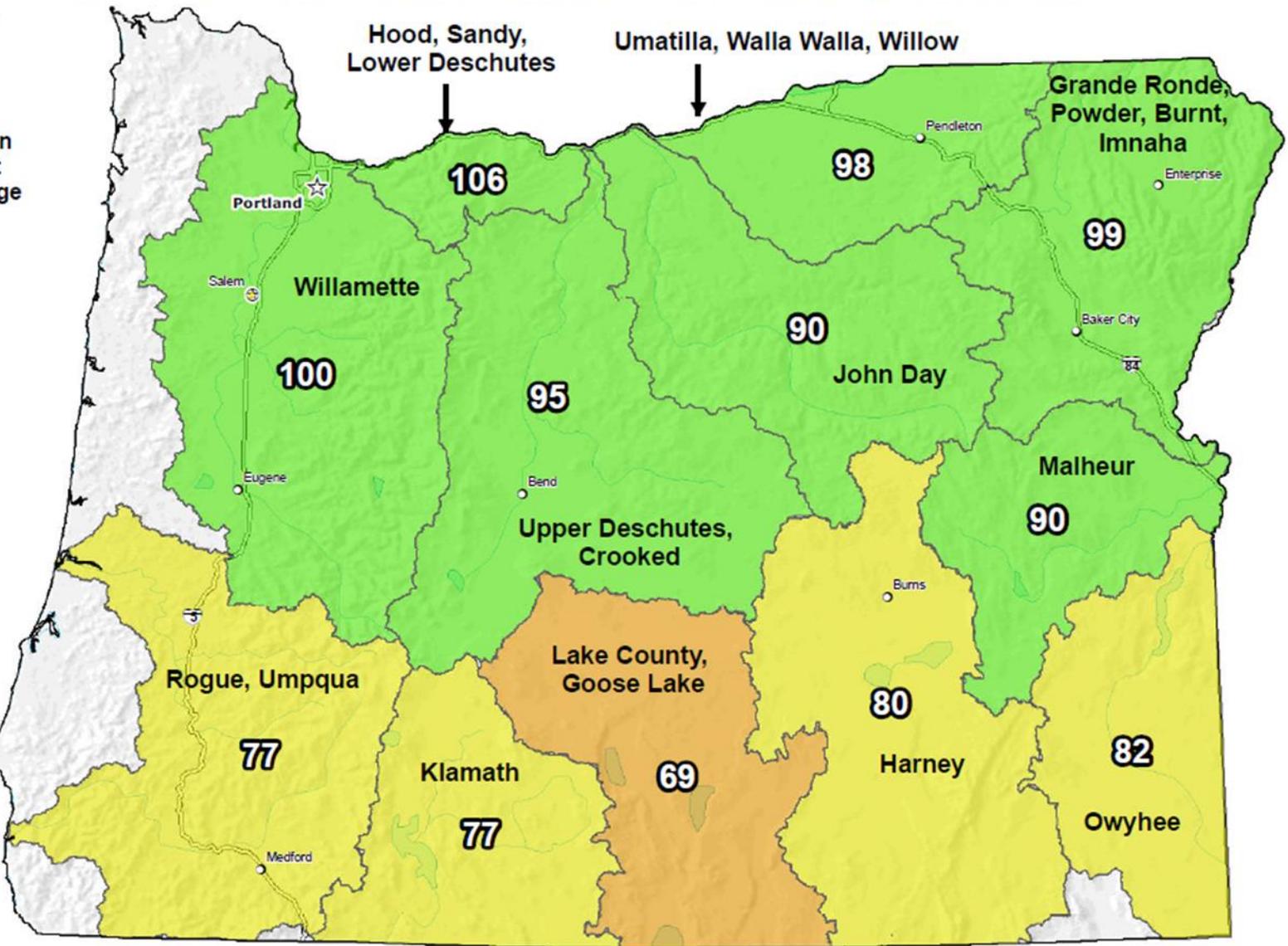
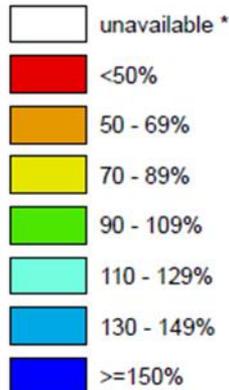
Prepared by the USDA/NRCS National Water and Climate Center
Portland, Oregon <http://www.wcc.nrcs.usda.gov/gis/>
Based on data from <http://www.wcc.nrcs.usda.gov/reports/>
Science contact: Jim.Marron@por.usda.gov 503 414 3047

May 12, 2014 Cumulative Precipitation, % Normal

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

May 12, 2014

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

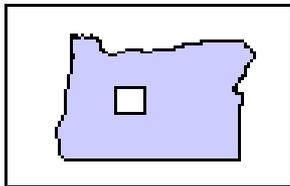


The water year to date precipitation percent of normal represents the accumulated precipitation found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

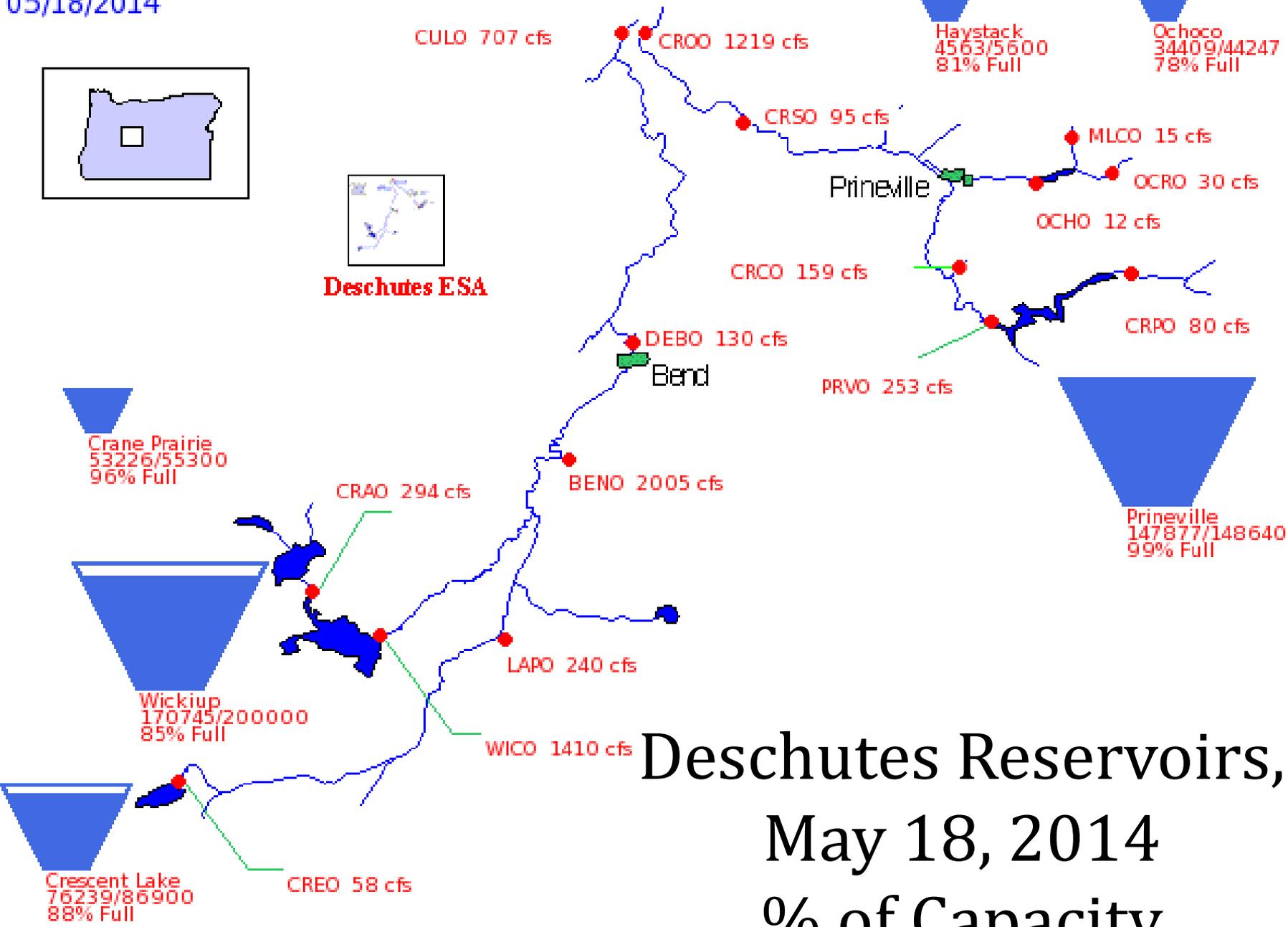


Prepared by:
USDA/NRCS National Water and Climate Center
Portland, Oregon
<http://www.wcc.nrcs.usda.gov>

05/18/2014



Deschutes ESA

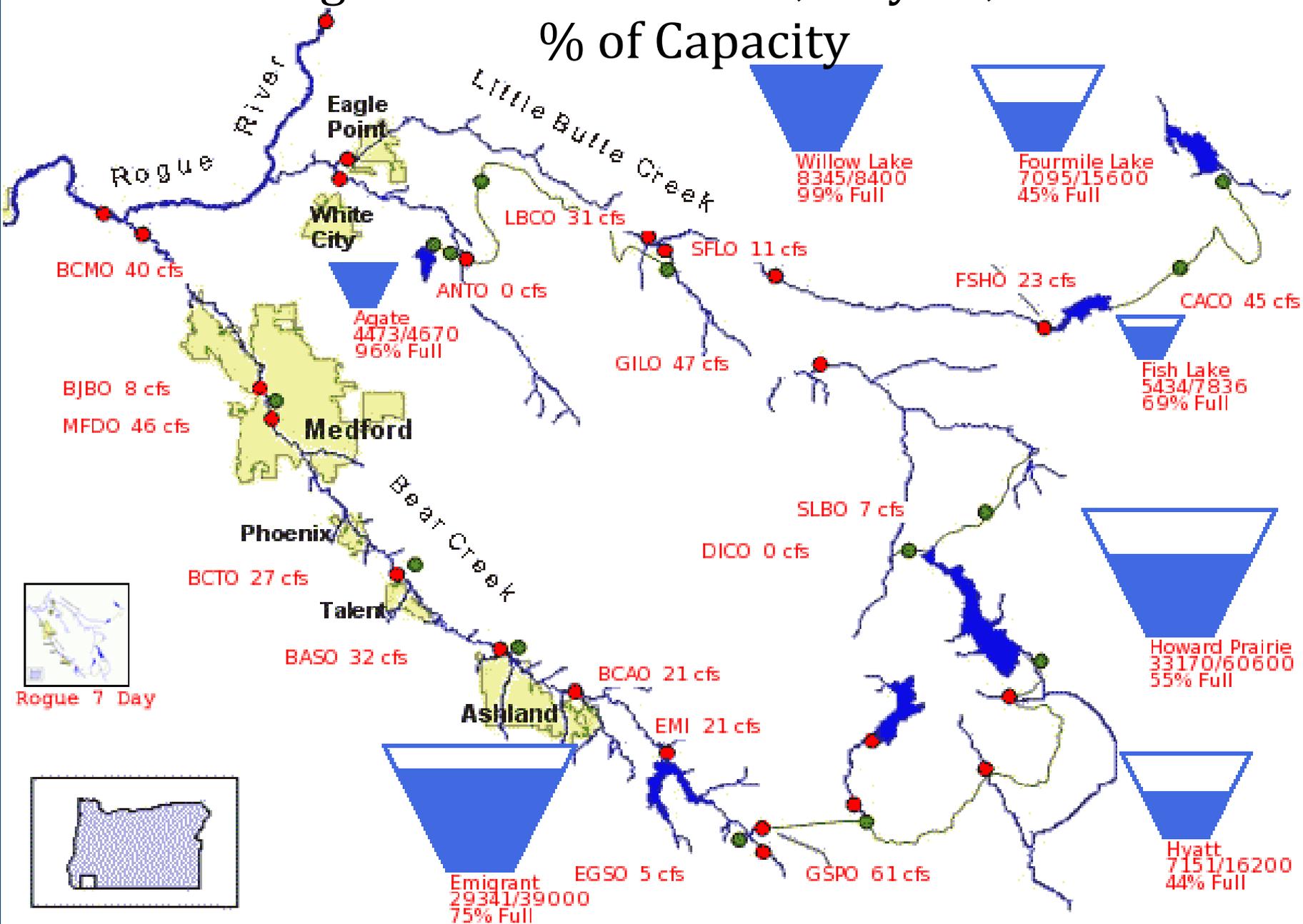


**Deschutes Reservoirs,
May 18, 2014
% of Capacity**

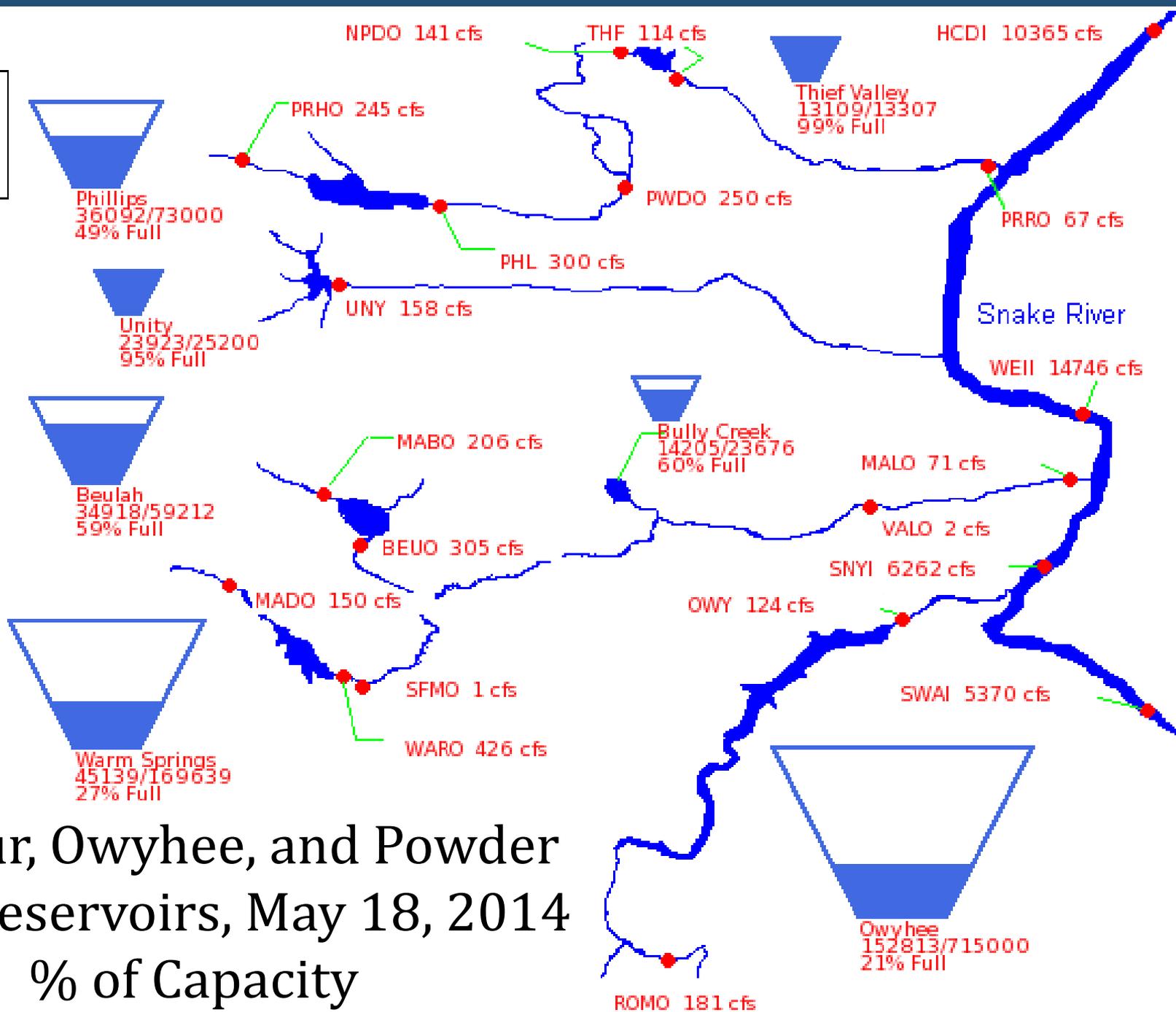
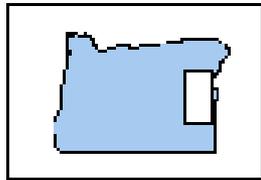
05/18/2014

Rogue Basin Reservoirs, May 18, 2014

% of Capacity



05/18/2014



Malheur, Owyhee, and Powder Basin Reservoirs, May 18, 2014
% of Capacity

Legend

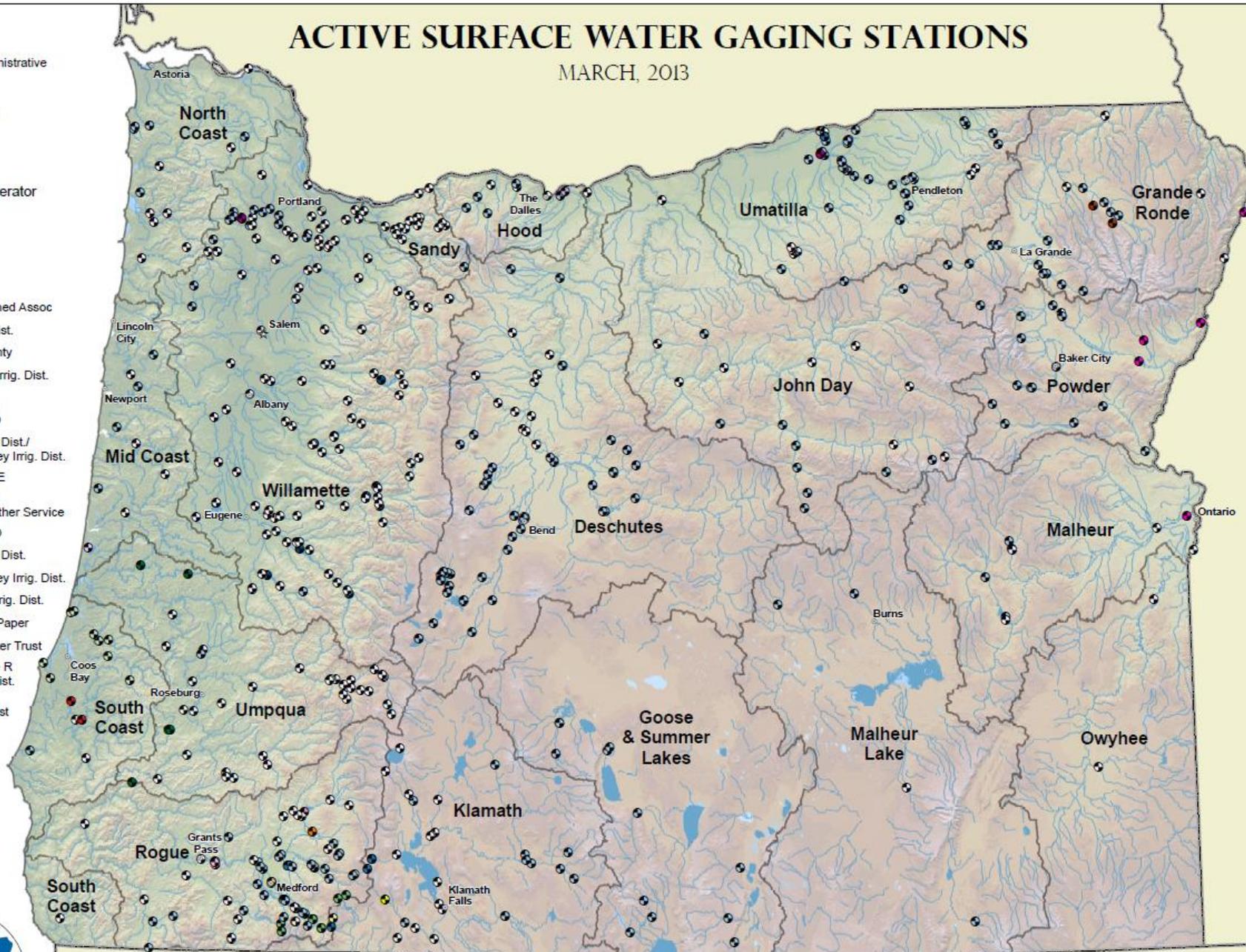
- OWRD Administrative Basins
- Cities
- State Capitol
- Lakes
- Streams

Gaging Station Operator

- USGS
- OWRD
- USBR
- USACE
- Coos Watershed Assoc
- Talent Irrig. Dist.
- Douglas County
- Grants Pass Irrig. Dist.
- Idaho Power
- USBR/OWRD
- Medford Irrig. Dist./Rogue R Valley Irrig. Dist.
- USGS/USACE
- Coos County/National Weather Service
- USGS/OWRD
- Medford Irrig. Dist.
- Rogue R Valley Irrig. Dist.
- Eagle Point Irrig. Dist.
- International Paper
- The Freshwater Trust
- USBR/Rogue R Valley Irrig. Dist.
- USBR/Talent Irrig. Dist.
- USFS

ACTIVE SURFACE WATER GAGING STATIONS

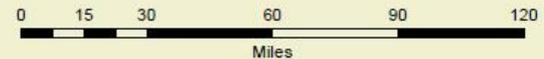
MARCH, 2013



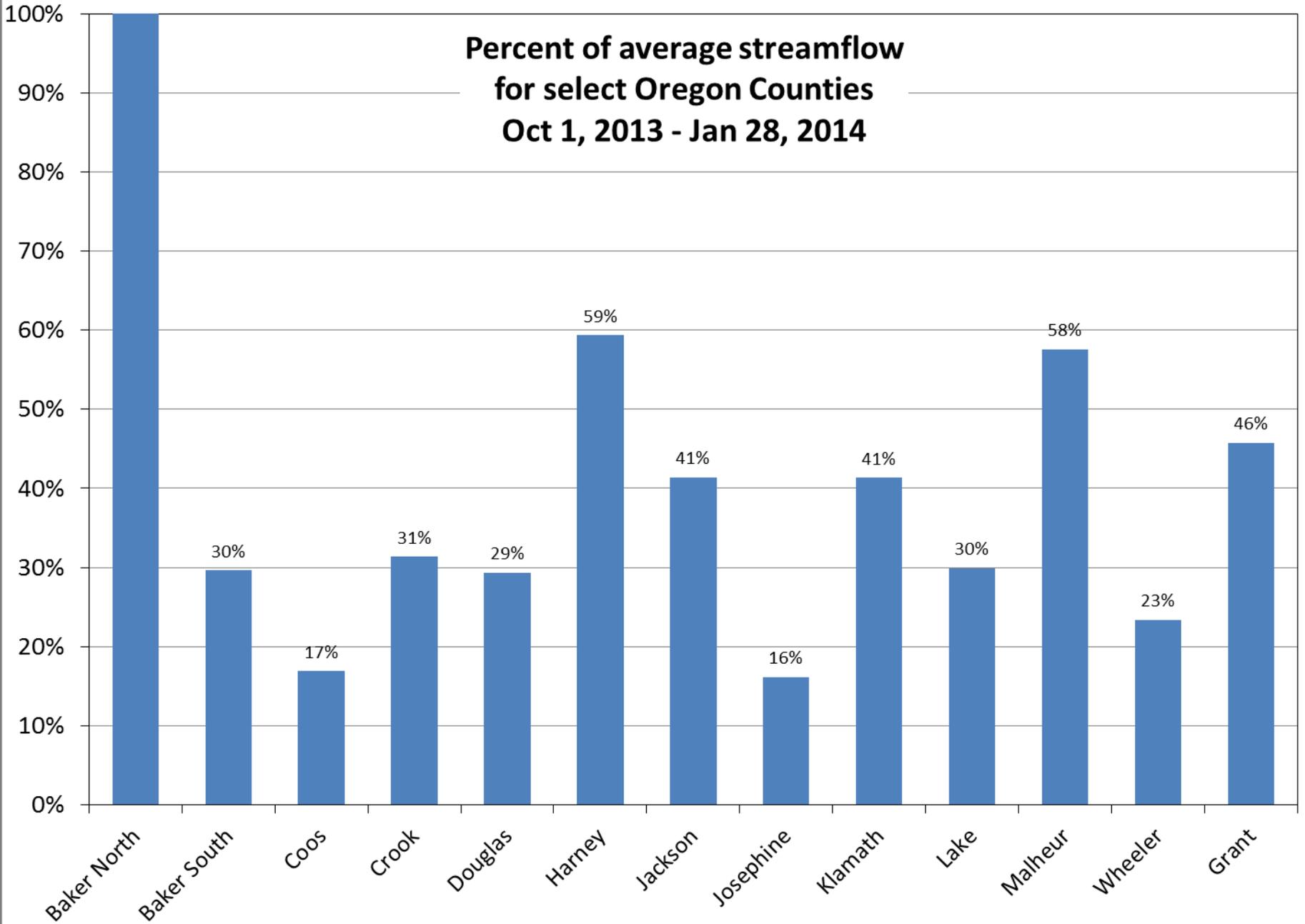
Oregon Water Resources Department, 725 Summer St. NE Suite A, Salem, OR 97301
<http://www.wrd.state.or.us>

OWRD Hydrographics (ecg) 3/8/2013 Projection: Oregon Lambert, NAD 83

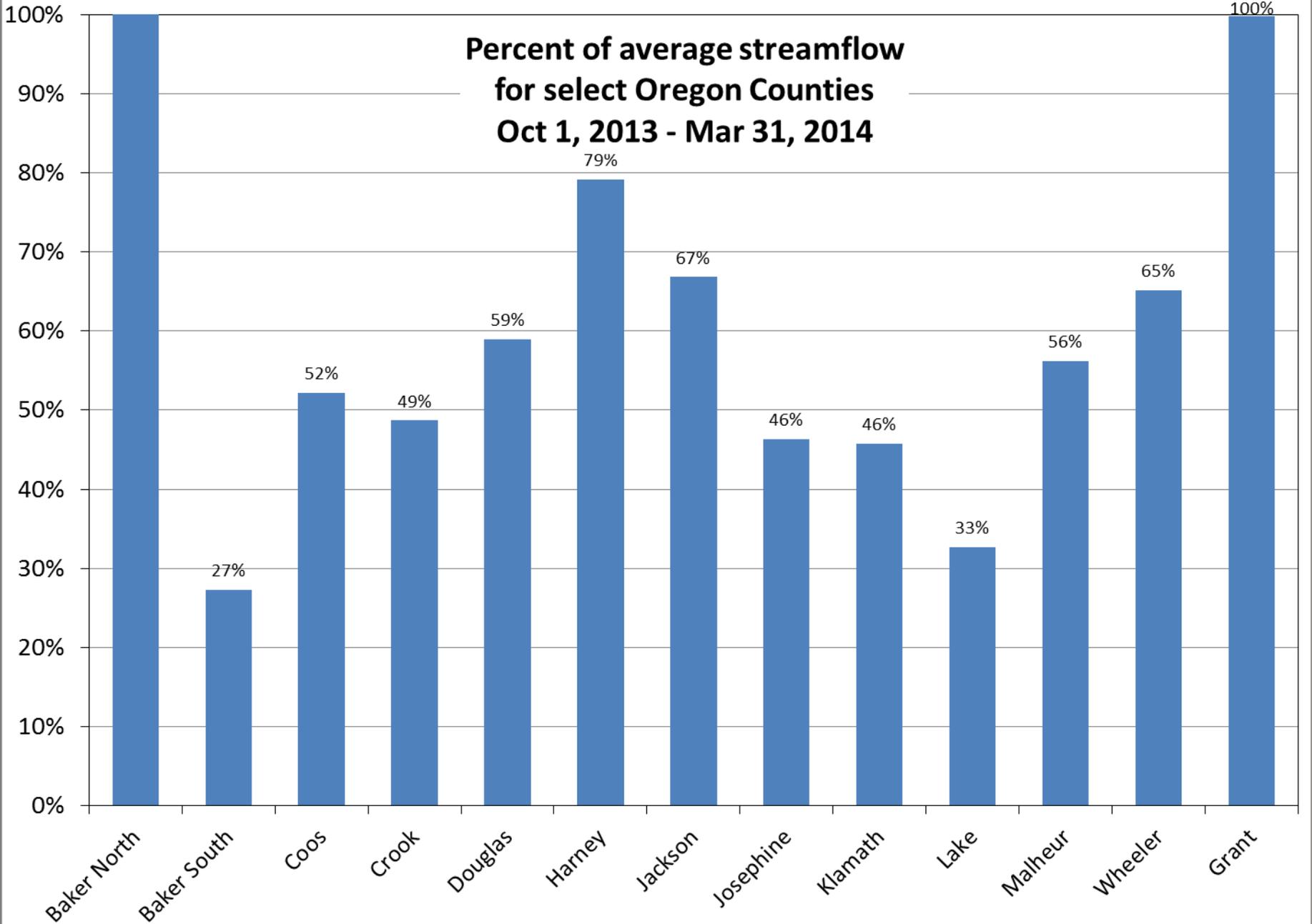
This product is for information purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.



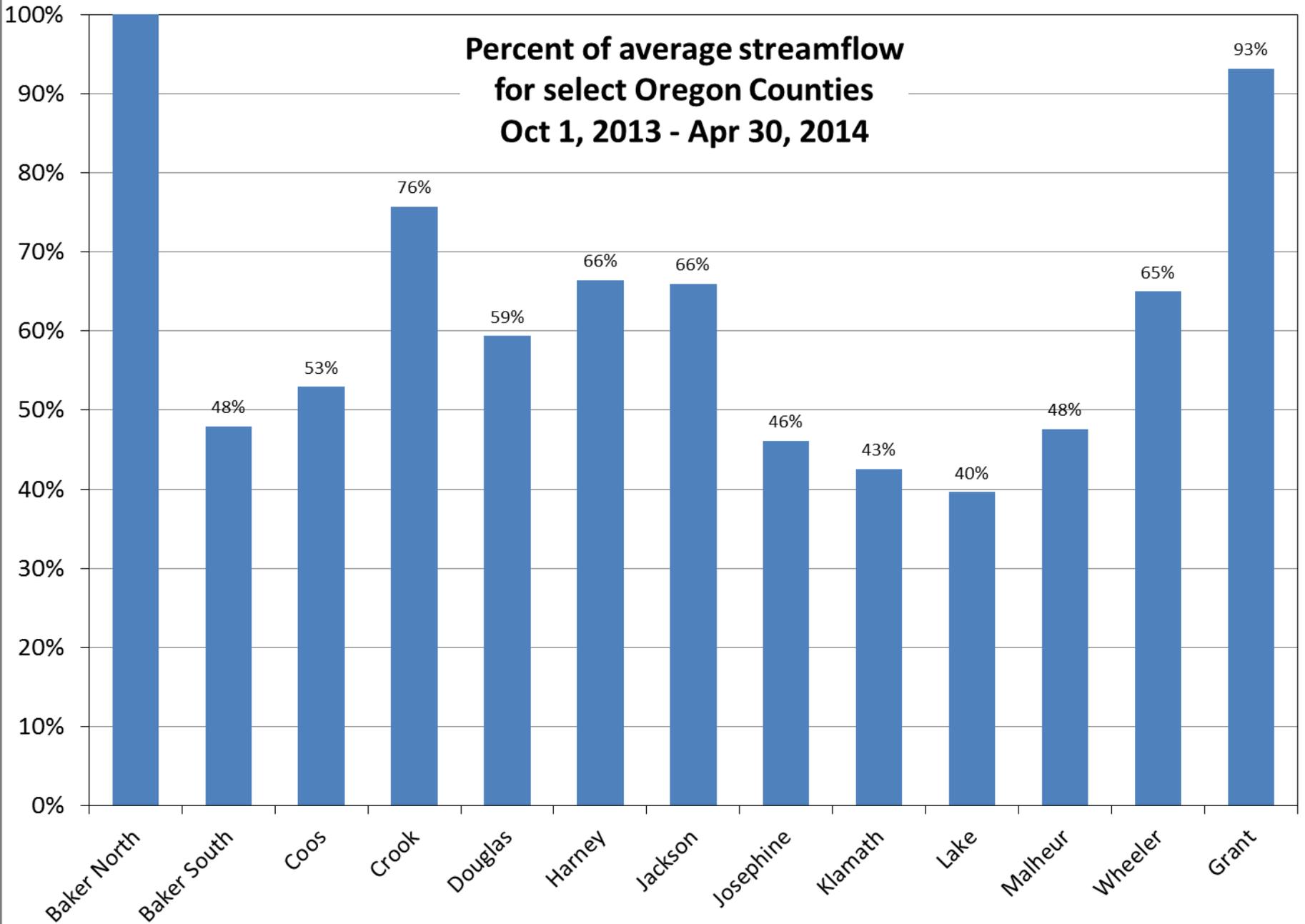
**Percent of average streamflow
for select Oregon Counties
Oct 1, 2013 - Jan 28, 2014**



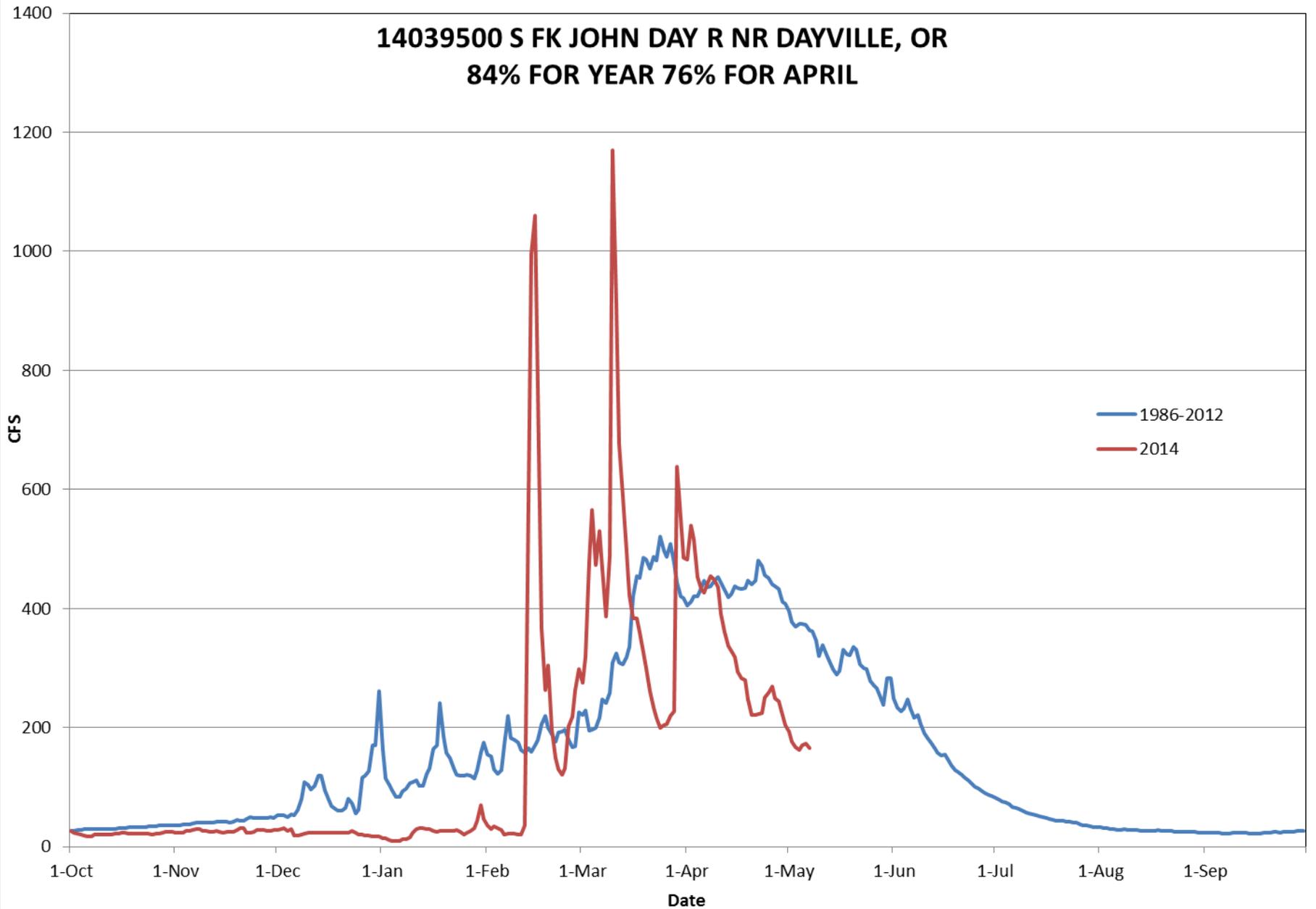
**Percent of average streamflow
for select Oregon Counties
Oct 1, 2013 - Mar 31, 2014**



**Percent of average streamflow
for select Oregon Counties
Oct 1, 2013 - Apr 30, 2014**



14039500 S FK JOHN DAY R NR DAYVILLE, OR
84% FOR YEAR 76% FOR APRIL



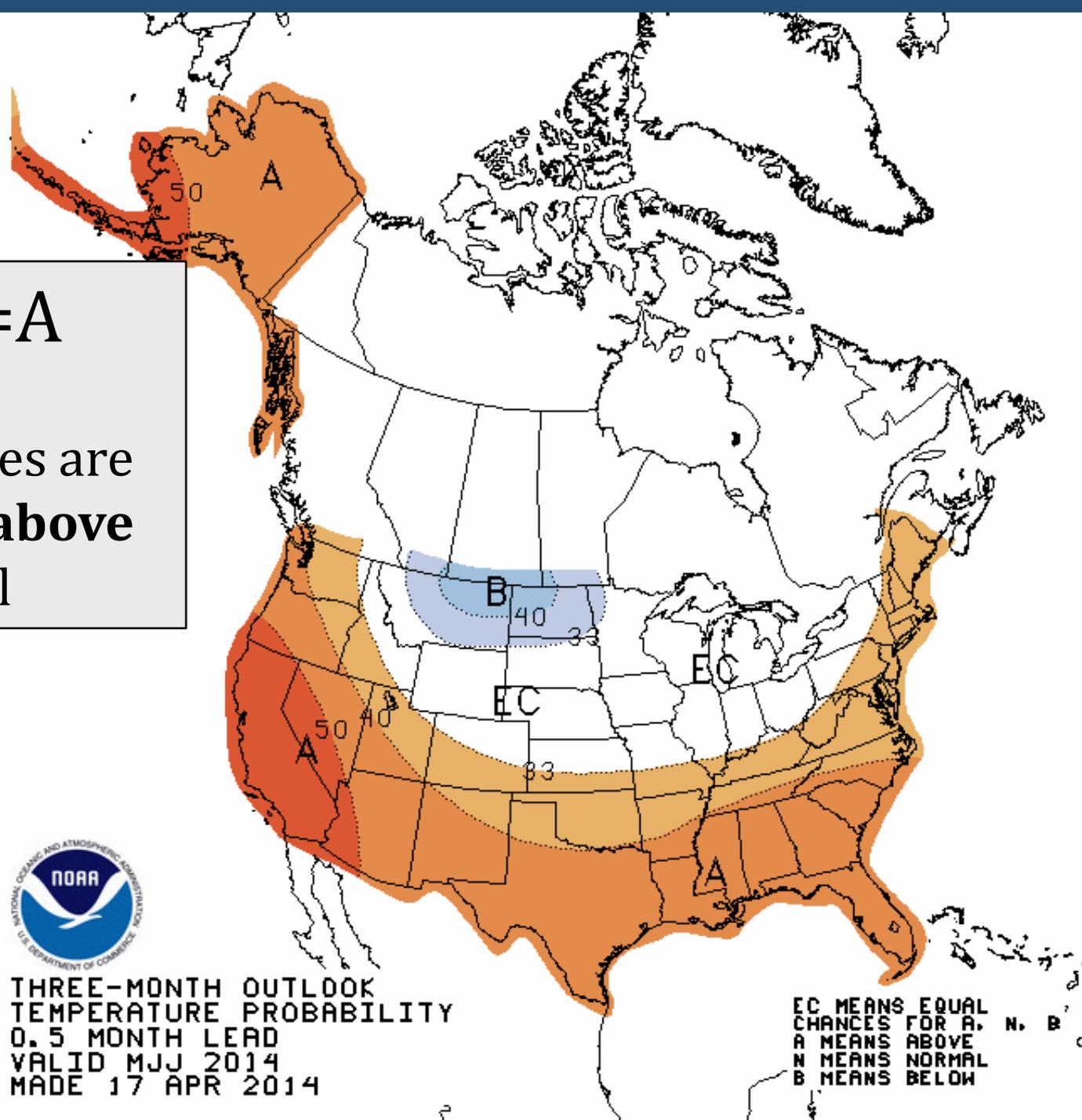
Temp=A

Temperatures are likely to be **above** normal



THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID MJJ 2014
MADE 17 APR 2014

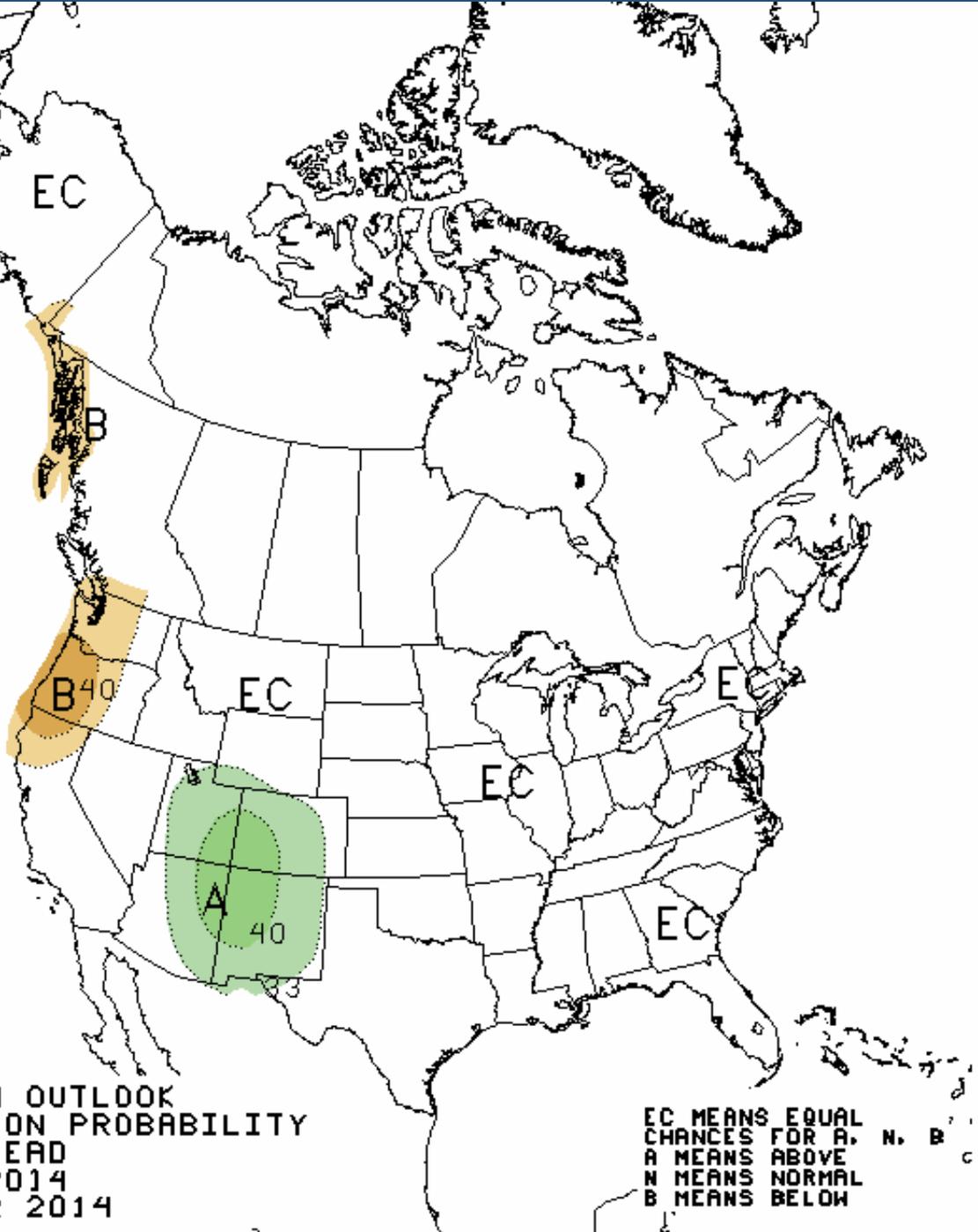
EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW



Precip=B
Chance that precipitation amounts will be **below** normal



THREE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.5 MONTH LEAD
VALID MJJ 2014
MADE 17 APR 2014



EC MEANS EQUAL CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW

May Forecast Summary

- **Snowpack well below normal**
- **Early snow melt**
- **Streamflow well below normal in Southern Oregon**
- **Near normal streamflows in the Willamette, Umatilla and Grande Ronde Basins**

Current Drought Monitor

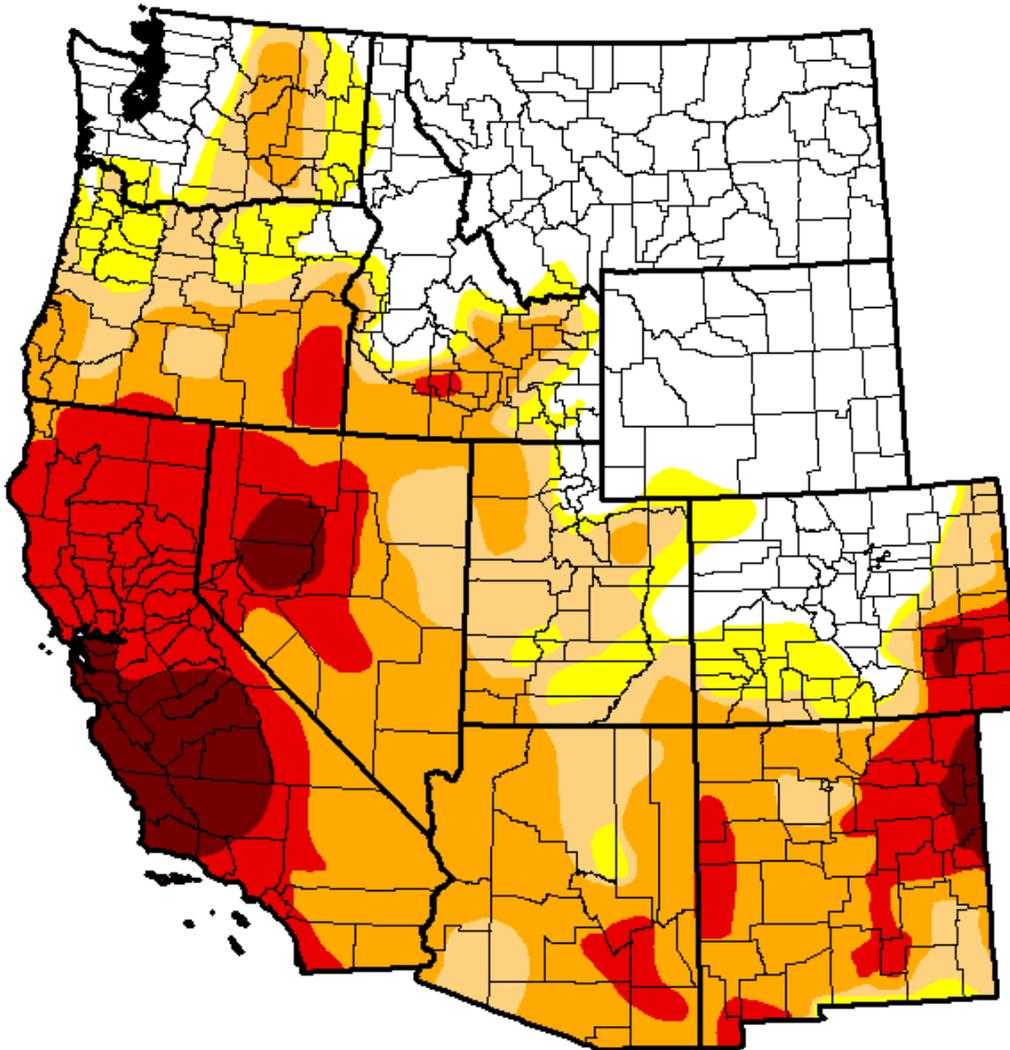
West

(Released Thursday, May. 15, 2014)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	31.18	68.82	60.82	47.37	19.96	4.70
Last Week <i>5/6/2014</i>	30.20	69.80	61.47	45.60	19.60	4.69
3 Months Ago <i>2/11/2014</i>	17.62	82.38	64.47	41.04	13.94	1.94
Start of Calendar Year <i>12/31/2013</i>	22.20	77.80	51.44	31.11	7.75	0.63
Start of Water Year <i>10/1/2013</i>	25.25	74.75	58.96	34.18	5.57	0.63
One Year Ago <i>5/14/2013</i>	13.09	86.91	71.39	46.93	15.33	5.91



Intensity:



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

Author:

Mark Svoboda

National Drought Mitigation Center



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

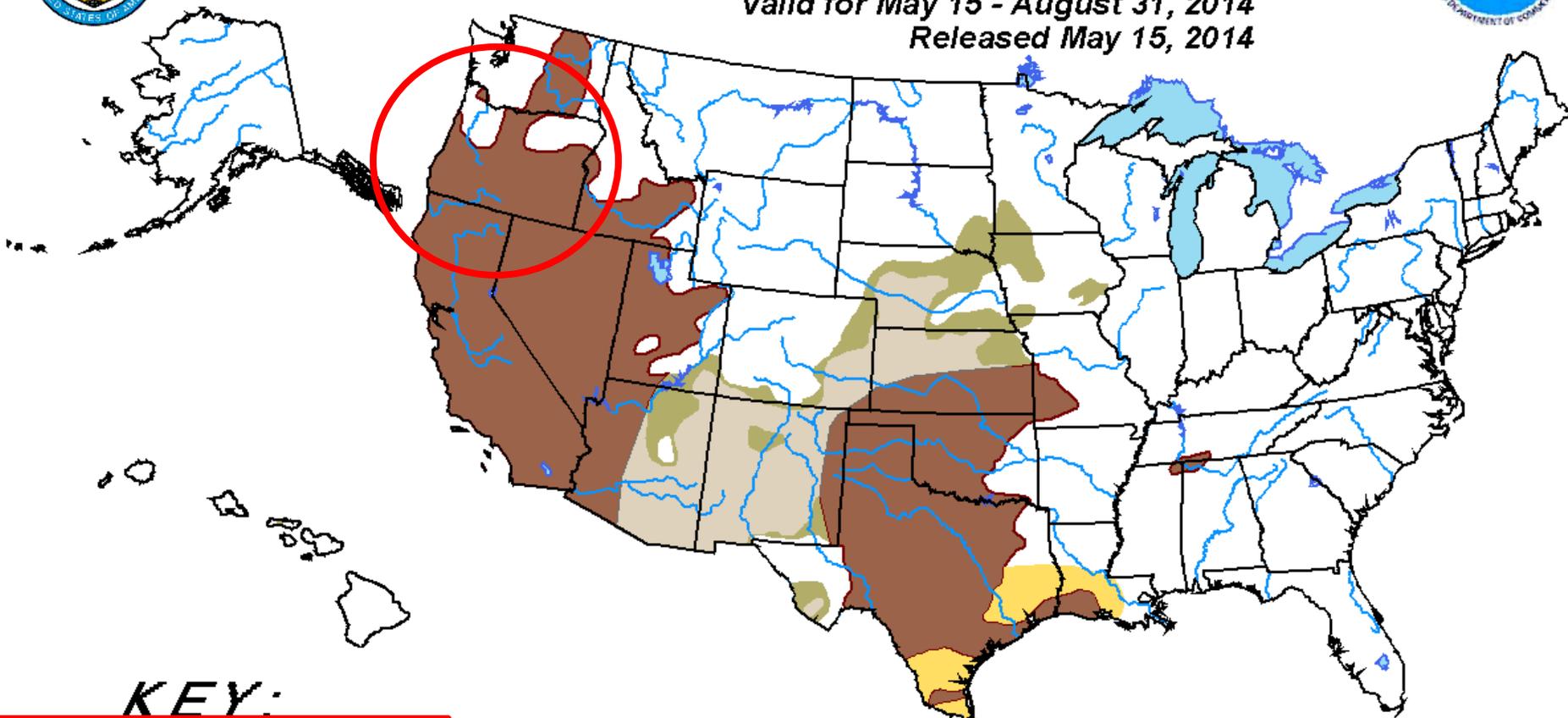


U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for May 15 - August 31, 2014

Released May 15, 2014



KEY:

-  Drought persists or intensifies
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely

Author: Rich Tinker, Climate Prediction Center, NOAA

http://www.cpc.ncep.noaa.gov/products/expert_assessment/season_drought.html

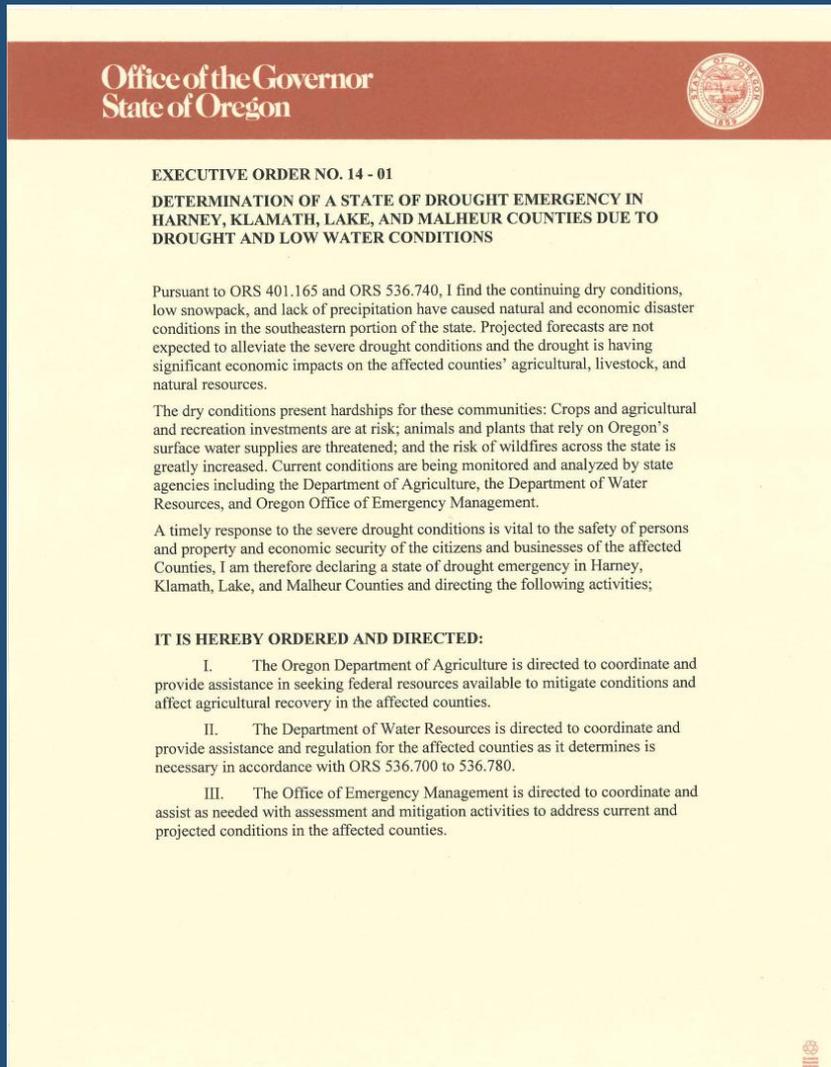
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity).

For weekly drought updates, see the latest U.S. Drought Monitor.

NOTE: The tan area areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period although drought will remain.

The Green areas imply drought removal by the end of the period (D0 or none)

2014 Drought Declarations



- E.O. 14-01 February
– Harney, Klamath, Lake and Malheur Counties
- E.O. 14-02 March
– Crook County
- E.O. 14-04 May
– Jackson County

Ongoing Monitoring of Conditions

- May 13, 2014 WAC meeting
 - Grant and Wheeler County requests
 - Conditions in Josephine County
- Recommendation for drought status in all three counties
- Monthly WAC meetings through at least June

OWRD Drought Watch Home Page

The screenshot shows the Oregon Water Resources Department (OWRD) website. The browser address bar displays <http://www.oregon.gov/OWRD/pages/index.aspx>. The page header includes the Oregon.gov logo and navigation options like 'TEXT SIZE: A+ A- A', 'TEXT ONLY', 'TRANSLATE', and a 'Google Custom Search' box. The main navigation bar features 'Water Resources Department'. A sidebar on the left lists various services such as 'About Us', 'Contact Us', 'Adjudications', 'Commission', 'Dam Safety', 'File Pickup', 'Forms', 'Groundwater', 'Jobs at WRD', 'Links', 'Maps', 'Publications', 'Surface Water', 'Transfers', 'Water Law', 'Water Management', 'Water Rights', and 'Well Construction and Compliance'. The central content area is titled 'Drought Watch' and features a red oval highlighting the following text: 'Oregon is currently experiencing dry conditions around most parts of the state, and Governor declared drought in several counties early in 2014. [Click here](#) to view our Drought Watch page for information on current conditions, the process for declaring a drought, and tools available when a drought is declared.' Below this, there are sections for 'Agency Resources' and 'Agency Spotlight'. The 'Agency Resources' section lists links for 'Well Constructors', 'Exempt Use Water Well Recording', 'Realtors@', 'Certified Water Right Examiners', 'Water Conservation', 'Drought Watch', 'Conservation and Supply Resources and Programs', 'Deschutes Basin Mitigation Program', 'Environmental Justice', 'Gold Mining: FAQ', and 'Assignments and Ownership Updates'. The 'Agency Spotlight' section is titled 'Public Comment Received on Water Conservation, Reuse and Storage Grant Applications' and provides details about grant applications received in 2013, including a total of \$887,557, and mentions a public comment period from December 3, 2013, to January 3, 2014. It also notes that eight comments were submitted and that the department is preparing funding recommendations for a March 2014 meeting. A link is provided to view a summary of applications received. On the right side, there is a vertical menu with dropdowns for 'Groundwater', 'Surface Water', 'Water Law', 'Water Rights Quick Links', 'Rulemaking', 'OWRD Legislative Updates', and 'Public Records Request'. At the bottom right, there is a 'Featured Links' section with links to 'Fee Schedule', 'Learn About Water Rights in Oregon', 'Water Rights Public Notice', 'Water Use Reporting', 'Agency Performance Measures', and 'Locate My Local Watermaster'.

Questions?

