Drought Report for the Week of July 6, 2015

Current Water Conditions: The NRCS reports that State-wide, Oregon's snowpack this winter peaked at the lowest levels measured in the last 35 years. Many snow monitoring sites set records for the lowest peak snowpack and earliest melt-out date since measurements began. Consequently, streamflow is expected to be well below normal through the end of summer, especially in the more arid regions of the state. The current statewide average precipitation is 86%.

County-wide drought declarations go through a three-part process before securing a drought declaration from the Governor's Office. Counties that have made this determination and are currently asking for the state's help are: Curry and Hood River.

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 Oregon's Drought Council is July 9, 2015. The Water Availability Committee will convene if requested by the Drought Council.

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, Coos, Crook, Deschutes, Douglas, Gilliam, Grant, Harney, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, Malheur, Morrow, Sherman, 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.

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:

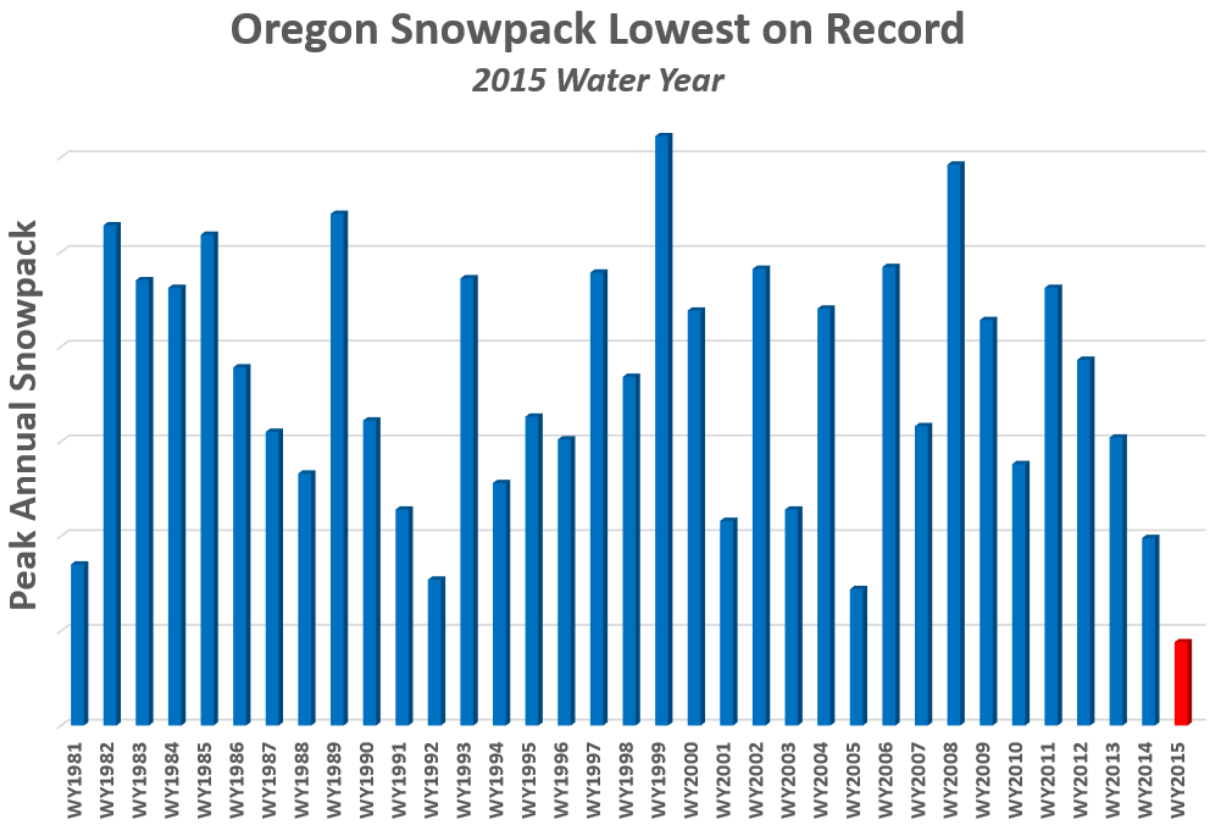
- Reservoir Storage Diagrams
  - Deschutes Basin
  - Willamette Basin
  - Tualatin River Basin
  - Rogue Basin
  - Umatilla River Basin
  - Southeastern Oregon
- Three Month Outlook – Temperature Probability
- Three Month Outlook – Precipitation Probability
- Oregon Surface Water Supply Index

United States Department of Agriculture

Natural Resources Conservation Service

Oregon Basin Outlook Report

June 1, 2015



State-wide, Oregon's snowpack this winter peaked at the lowest levels measured in the last 35 years. The chart above puts this year's record low snowpack into historical context. The height of each bar reflects the peak snowpack—from across the state of Oregon—for each water year. This year, 2015, is shown in red at the far right. Many snow monitoring sites set records for the lowest peak snowpack and earliest melt-out date since measurements began. In western Oregon, the snowpack peaked 60-90% below the normal amounts and the snow melted up to 3 months early. The snowpack in the eastern part of the state was only slightly better, peaking 30-80% below normal levels and up to 2 months earlier than normal. Lack of normal mountain snowpack has led to well below normal streamflow forecasts for the state. Currently, most of Oregon is included in the severe to extreme drought category, according to the National Drought Monitor. Water shortages across Oregon are expected this summer and Governor Kate Brown has declared a drought state of emergency in 15 counties as a result.

Current Basin Water Status

	Basin #	Basin Name	Basin Status	Reason
Edit	1	North Coast	Drought Unavoidable	
Edit	2	Willamette	Drought Unavoidable	Below normal streamflow; Dry Forecast
Edit	3	Sandy	Drought Unavoidable	Below normal streamflow; Dry Forecast
Edit	4	Hood	Drought Unavoidable	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 Unavoidable	Weak Snowpack; Dry Forecast
Edit	17	South Coast	Drought Unavoidable	
Edit	18	Middle Coast	Drought Unavoidable	

Oregon's Water Availability Committee*
Water Supply Assessment

6/11/2015

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

Hydrologic conditions shown on this map do not reflect local water supply conditions, including above and below-ground storage.

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

N

0 20 40 60 80 100 Miles

Updated: 6/12/2015 7:32 AM
Projection: Oregon Lambert, NAD 83

Drought Declarations

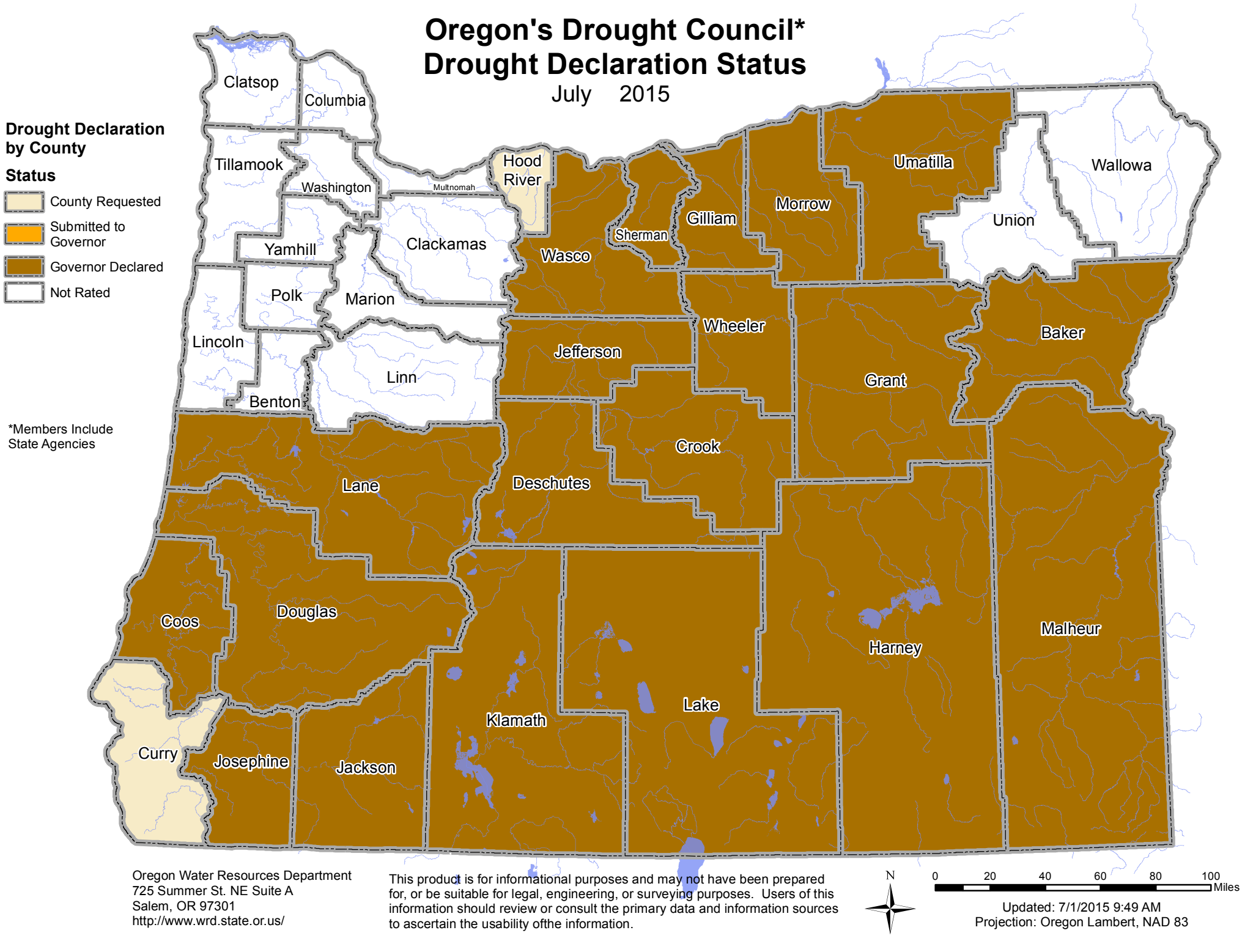
Search Criteria

County: **Start Drought Year:** 2015 Search

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

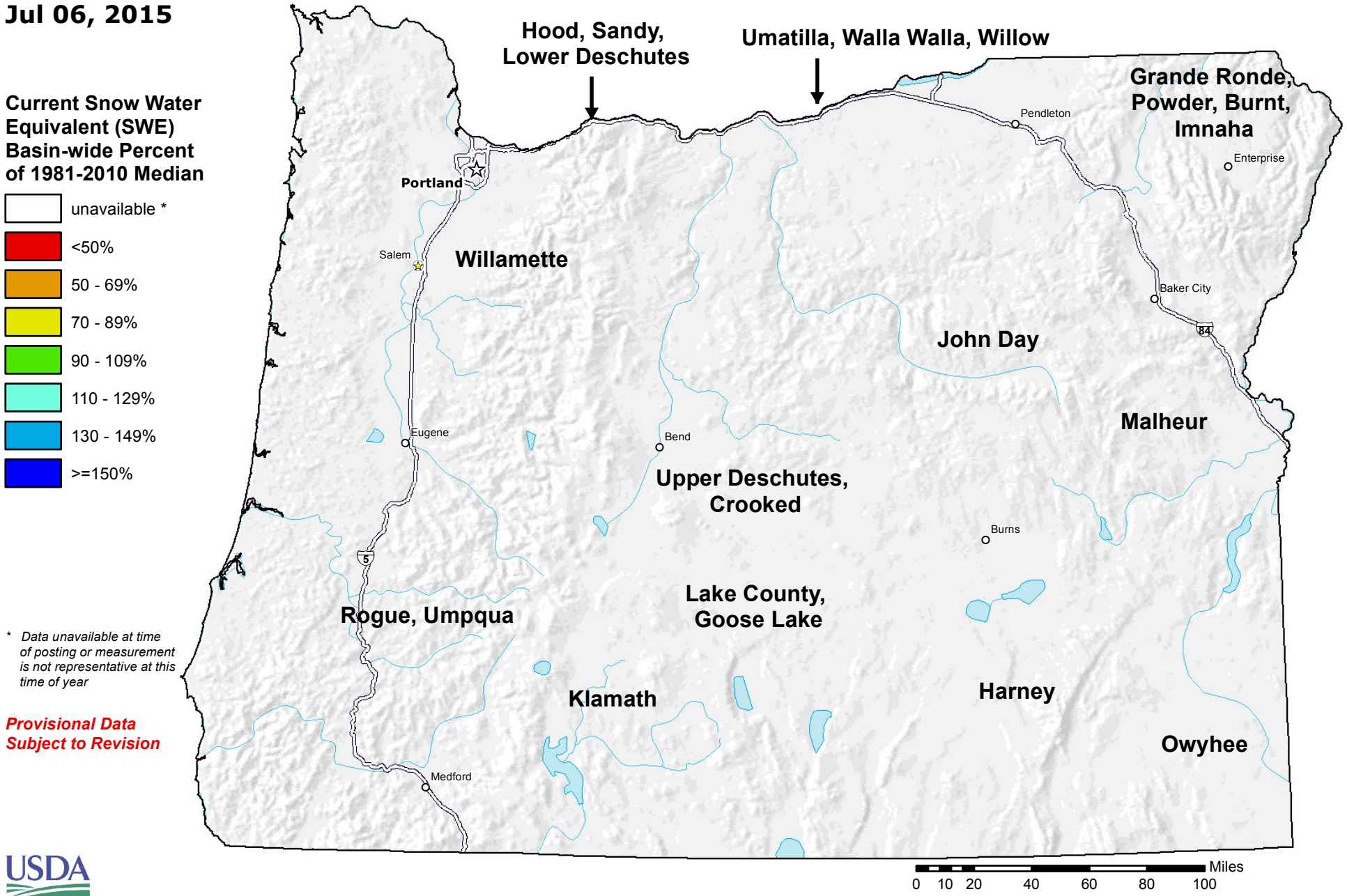
	Drought Year	County	Drought Title	Drought Status	County Request Date	Forwarded to Governor Date	Governor Declaration Date	Federal Declaration Date	Executive Order	Drought Begin Date	Drought End Date
Select	2015	Baker	BAKER DROUGHT	Governor Declared	03/18/2015	04/10/2015	04/20/2015	04/22/2015	15-04	04/20/2015	12/31/2015
Select	2015	Coos	COOS DROUGHT	Governor Declared	06/11/2015	06/12/2015	06/12/2015		15-06	06/12/2015	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	Douglas	DOUGLAS DROUGHT	Governor Declared	06/10/2015	06/12/2015	06/12/2015	03/22/2015	15-06	06/12/2015	12/31/2015
Select	2015	Gilliam	GILLIAM DROUGHT	Governor Declared	06/03/2015	06/12/2015	06/12/2015	06/10/2015	15-06	06/12/2015	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	Jefferson	JEFFERSON DROUGHT	Governor Declared	06/03/2015	06/12/2015	06/12/2015	06/10/2015	05/06	06/12/2015	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	Sherman	SHERMAN DROUGHT	Governor Declared	06/18/2015	06/19/2015	06/22/2015	06/10/2015	15-07	06/22/2015	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	06/10/2015	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	Curry	CURRY DROUGHT	County Requested	06/29/2015						
Select	2015	Hood River	HOOD RIVER DROUGHT	County Requested	06/25/2015			06/10/2015			
Select	2015	Clackamas	CLACKAMAS DROUGHT					06/10/2015			
Select	2015	Marion	MARION DROUGHT					06/10/2015			
Select	2015	Union	UNION DROUGHT					03/20/2015			
Select	2015	Wallowa	WALLOWA DROUGHT					06/24/2015			

Oregon's Drought Council*
Drought Declaration Status
July 2015



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

Jul 06, 2015



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

Provisional Data Subject to Revision

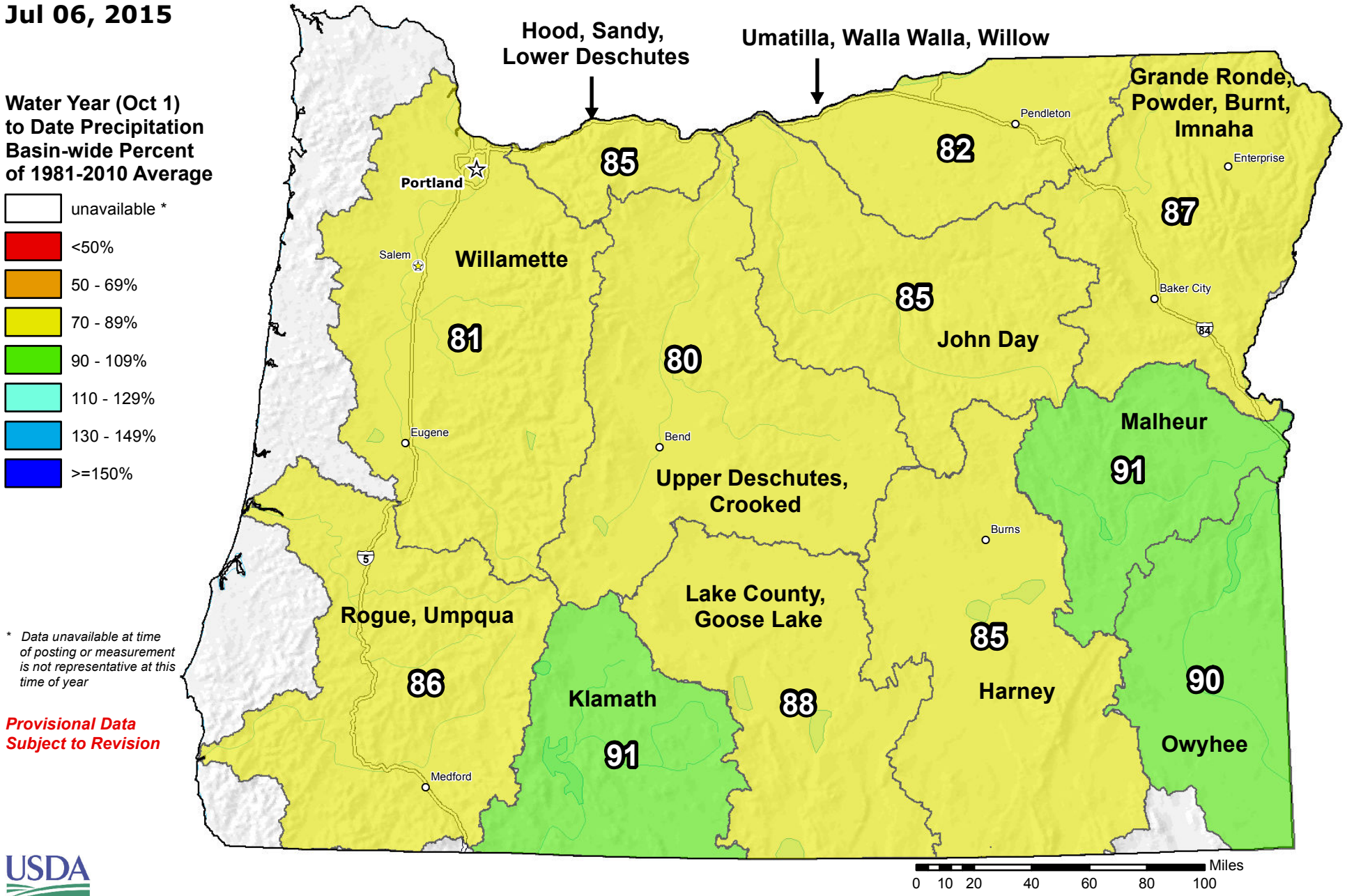
USDA NRCS

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

Jul 06, 2015



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

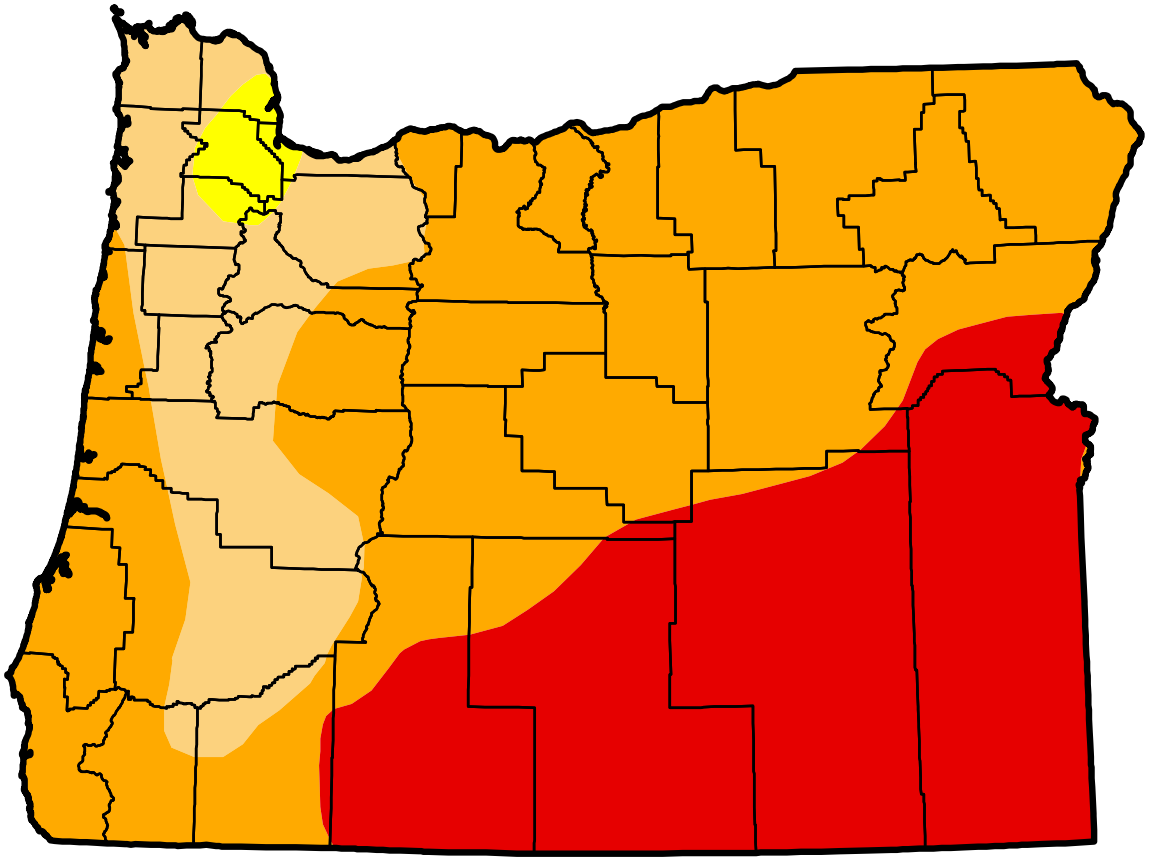
Provisional Data Subject to Revision

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

U.S. Drought Monitor

Oregon



June 30, 2015

(Released Thursday, Jul. 2, 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	98.60	83.66	34.09	0.00
Last Week *6/23/2015*	0.00	100.00	98.60	81.72	34.09	0.00
3 Months Ago *3/31/2015*	14.36	85.64	82.30	47.93	33.72	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 *7/1/2014*	6.09	93.91	72.78	52.00	14.72	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:
Brian Fuchs
National Drought Mitigation Center

http://droughtmonitor.unl.edu/

Drought Water Right Summary Report

Search Criteria

Start Drought Year: 2015

County:

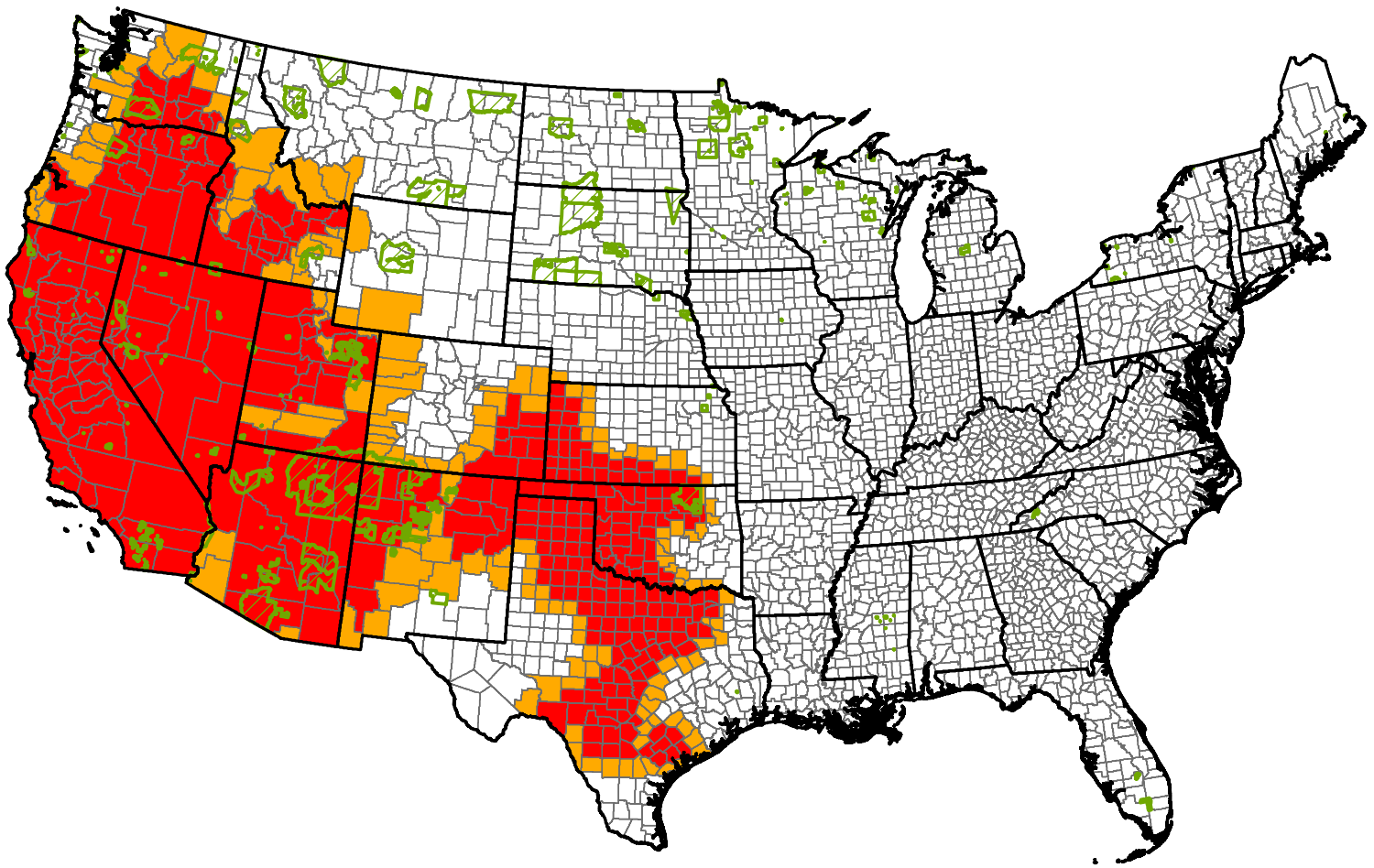
End Drought Year:

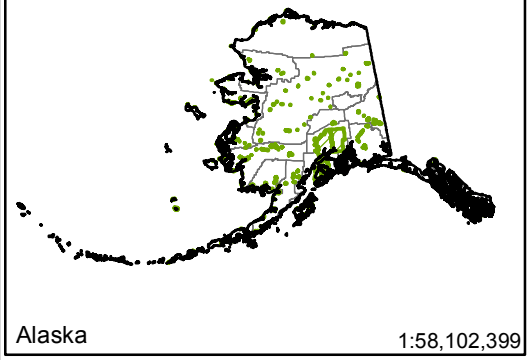
Search
Clear
Details

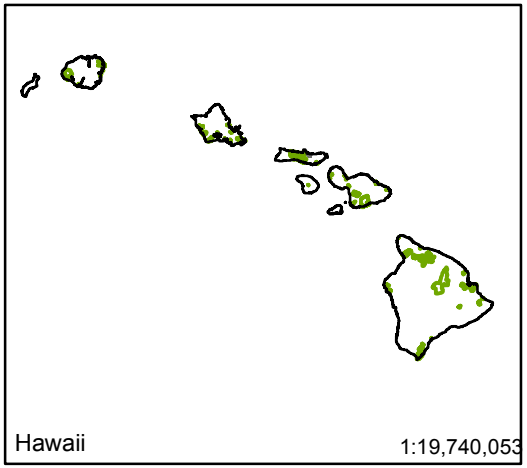
Records per Page: 10

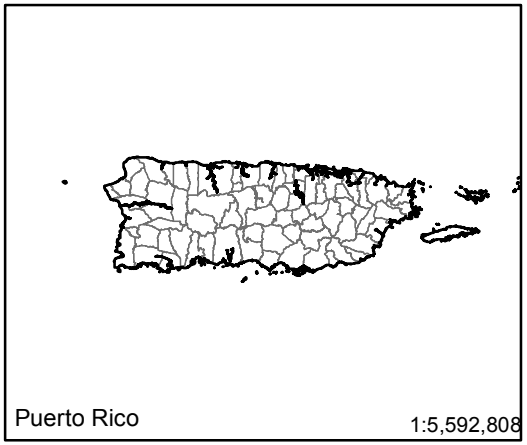
Drought Year	County	Applications Rec'd	Applications Denied	Applications Approved	Acres Approved	Transfers Rec'd	Transfers Denied	Transfers Approved
2015	Baker	0				1		
2015	Crook	1				1		1
2015	Harney	2		1	372.60	1	1	
2015	Klamath	38	1	36	21679.59			
2015	Lake	3				2		1
2015	Lane	0				4		1
2015	Malheur	13		13	3006.82	4		4
2015	Morrow	1		1	32.70			
2015	Umatilla	0				1		

2015 Secretarial Drought Designations - All Drought









Secretarial Drought Designations for 2015

Disaster Incidents as of July 1, 2015

- State Boundary
- County Boundary
- Tribal Lands
- Primary Counties: 357
- Contiguous Counties: 161

1:23,520,203

USDA FSA FARM SERVICE AGENCY

USDA Farm Service Agency
Production, Emergencies and Compliance Division
Washington, D.C.
July 1, 2015