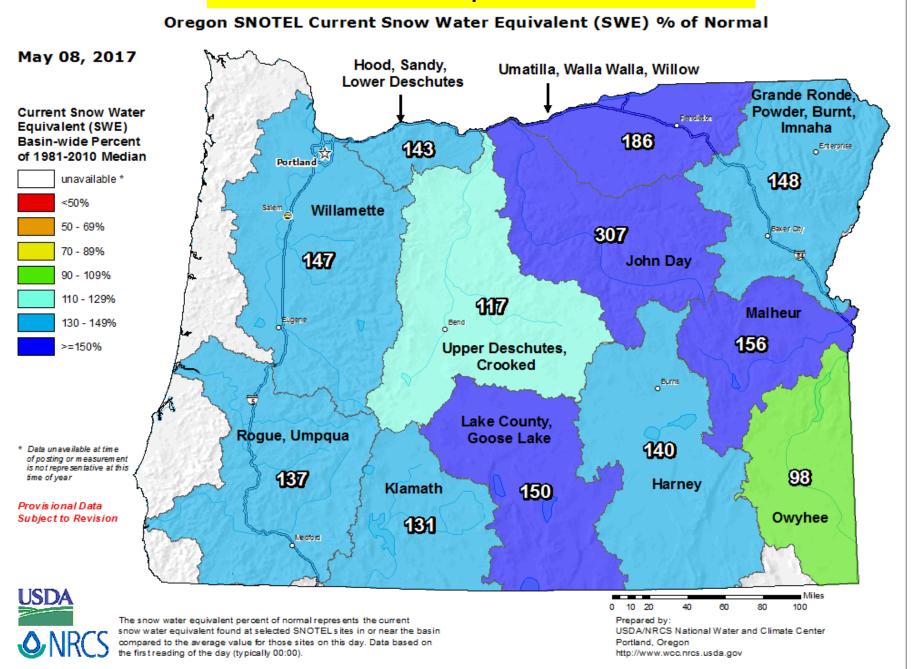
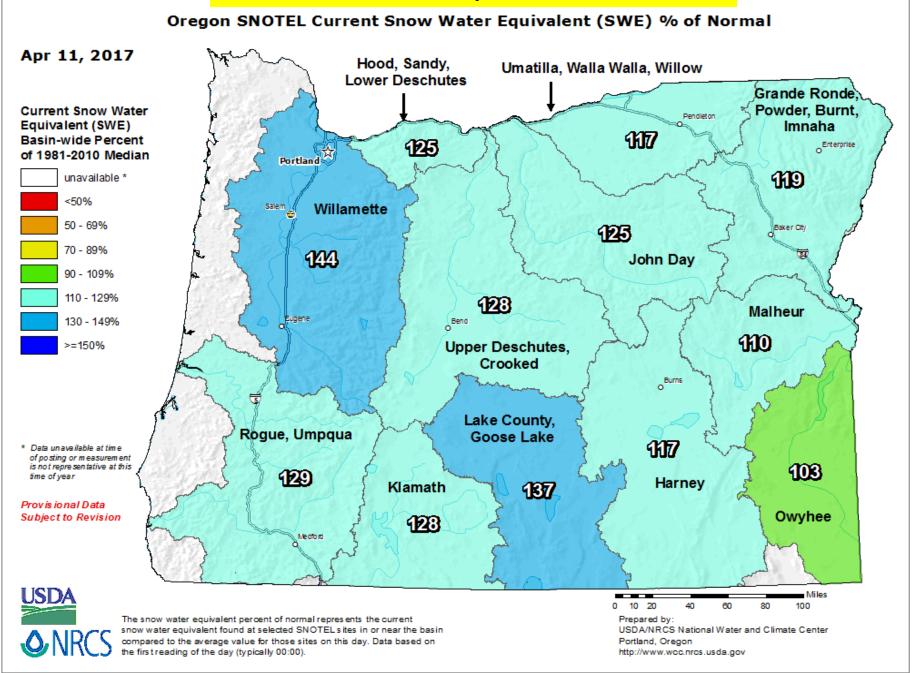


Statewide SNOTEL Snowpack is 141% of normal****

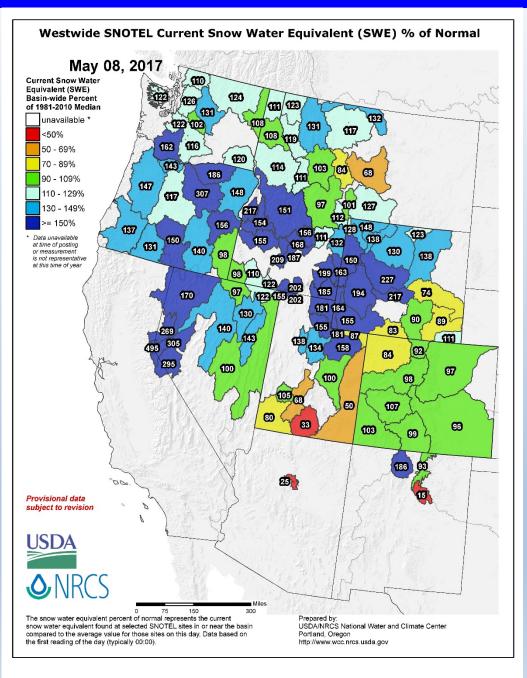


| Willamette | 13/23 SNOTEL sites with measurable SWE (1 site with SWE below 4000') | | | |
|--|---|--|--|--|
| Rogue, Umpqua | 8/12 SNOTEL sites with measurable SWE (0 sites with SWE below 5000') | | | |
| Hood, Sandy, Lower Deschutes | 7/8 SNOTEL sites with measurable SWE (1 site with no SWE – 2690') | | | |
| Upper Deschutes, Crooked | 8/14 SNOTEL sites with measurable SWE (4 sites with SWE below 4000') | | | |
| Klamath | 10/18 SNOTEL sites with measurable SWE (All sites with SWE above 5000') | | | |
| Lake County, Goose Lake | 4/9 SNOTEL sites with measurable SWE (All sites with SWE above 6000') | | | |
| Umatilla, Walla Walla, Willow | 4/8 SNOTEL sites with measurable SWE (All sites with SWE above 5000') | | | |
| John Day | 5/13 SNOTEL sites with measurable SWE (All sites with SWE above 5000') | | | |
| Harney | 3/9 SNOTEL sites with measurable SWE (All sites with SWE above 5000') | | | |
| Grande Ronde, Powder, Burnt, Imnaha | 11/17 SNOTEL sites with measurable SWE (All sites with SWE above 5000') | | | |
| Malheur | 1/3 SNOTEL sites with measurable SWE (Site with SWE above 5000') | | | |
| Owyhee | 2/8 SNOTEL sites with measurable SWE (Both sites with SWE above 7000') | | | |

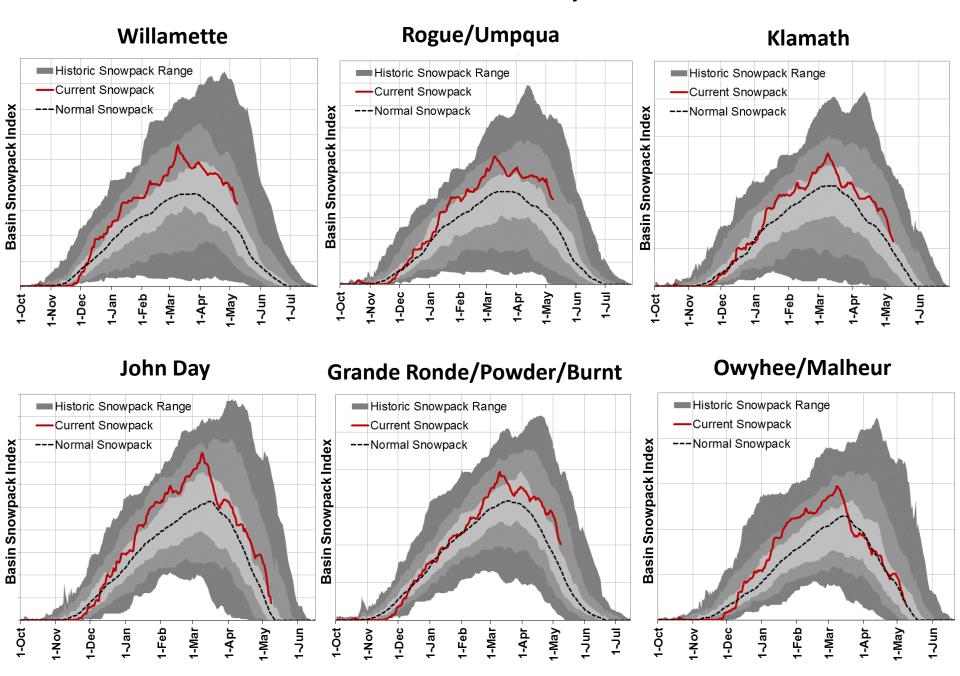
Statewide SNOTEL Snowpack is 129% of normal



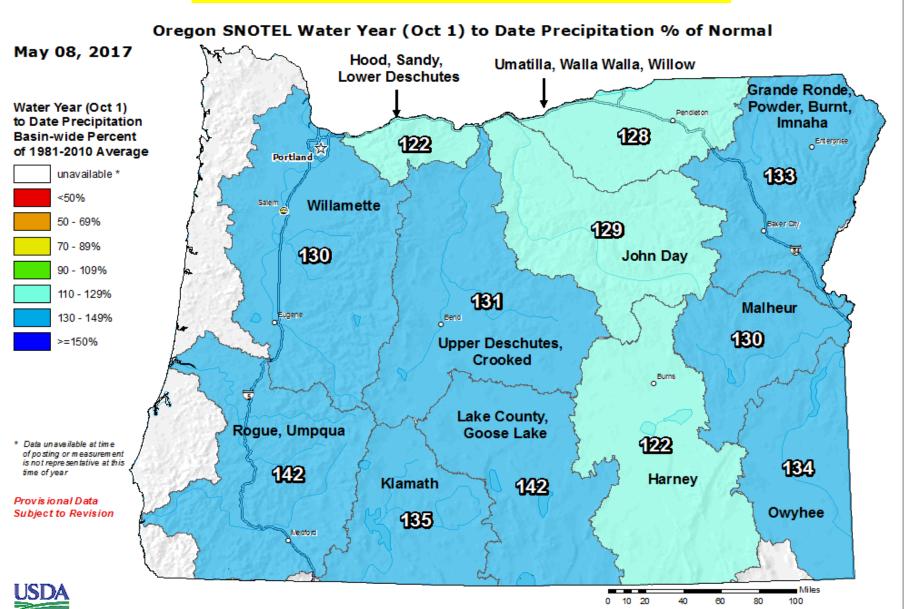
West-Wide Snowpack - May 8, 2017



Water Year 2017 - May 8th



Statewide SNOTEL Precipitation is 131% of normal



The water year to date precipitation percent of normal represents the accumulated precipitation found at selected SNO TEL 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

Statewide SNOTEL Precipitation is 131% of normal Oregon SNOTEL Water Year (Oct 1) to Date Precipitation % of Normal Apr 11, 2017 Hood, Sandy, Umatilla, Walla Walla, Willow **Lower Deschutes** Grande Ronde Powder, Burnt, Water Year (Oct 1) Pendleton to Date Precipitation **Imnaha** 1223 Basin-wide Percent Enterprise 1119 of 1981-2010 Average Portland 132 unavailable * <50% Willamette Salem 50 - 69% 127 Baker City 70 - 89% 1223 John Day 90 - 109% 110 - 129% 130 Malheur Eugene 130 - 149% 130 Upper Deschutes, >=150% Crooked OBums Lake County, Rogue, Umpqua Goose Lake 121 * Data un available at time of posting or measurement is not representative at this 133 143 time of year Harney Klamath 1477 Provis ional Data Owyhee Subject to Revision 137 Medford

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).

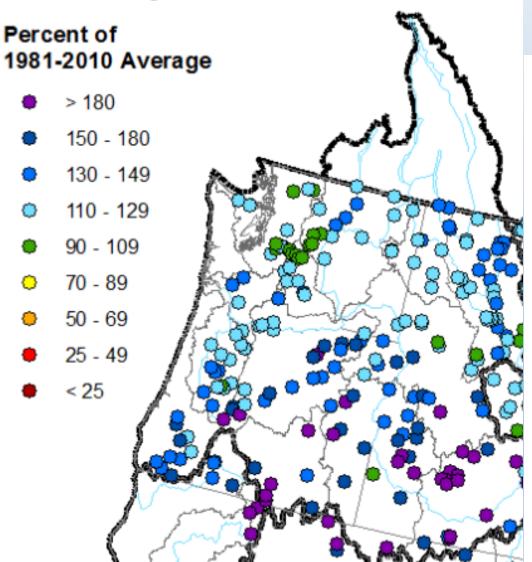
Prepared by: USDA/NRCS National Water and Climate Center Portland, Oregon http://www.woc.nrcs.usda.gov

80

100

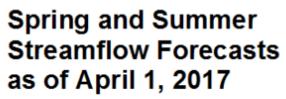
10 20

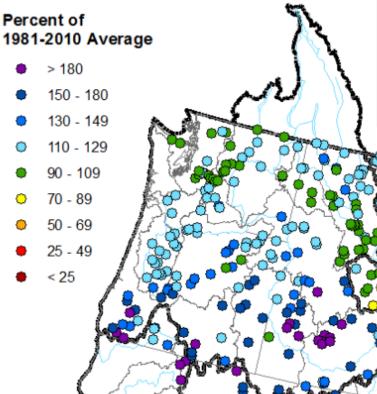
Spring and Summer Streamflow Forecasts as of May 1, 2017



May thru September Streamflow Forecasts:

Above normal to well above normal statewide



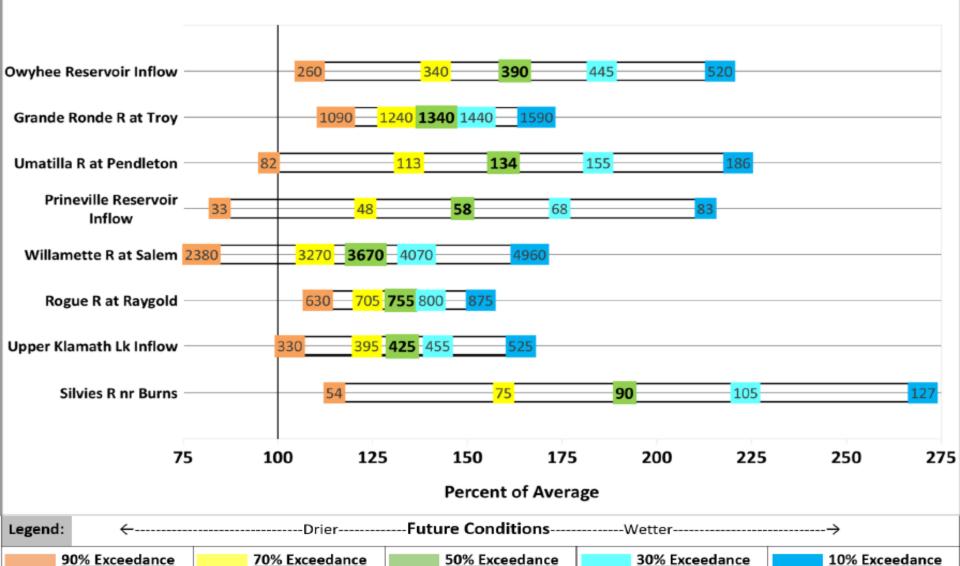


May 1, 2017

Summary of Streamflow Forecasts across Oregon

May through September Forecast Volumes at a Selection of Streamflow Points

(Volumes listed in KAF)



Forecast (KAF)

There is a 50% chance that

flows will exceed this volume.

Forecast (KAF)

There is a 30% chance that

flows will exceed this volume.

Forecast (KAF)

There is a 10% chance that

flows will exceed this volume.

Forecast (KAF)

There is a 90% chance that

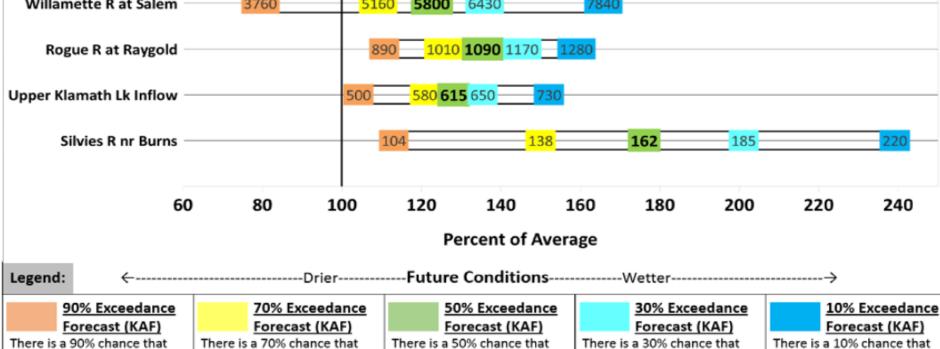
flows will exceed this volume.

Forecast (KAF)

There is a 70% chance that

flows will exceed this volume.

April 1, 2017 Summary of Streamflow Forecasts across Oregon April through September Forecast Volumes at a Selection of Streamflow Points (Volumes listed in KAF) 670 Owyhee Reservoir Inflow 420 1260 1450 **1580** 1710 Grande Ronde R at Troy Umatilla R at Pendleton 188 210 Prineville Reservoir 138 158 Inflow 5160 **5800** 6430 Willamette R at Salem 3760 1010 **1090** 1170 **1280** Rogue R at Raygold 580 **615** 650 162 185 220 Silvies R nr Burns 104 138 60 80 100 120 140 160 180 220 240 200



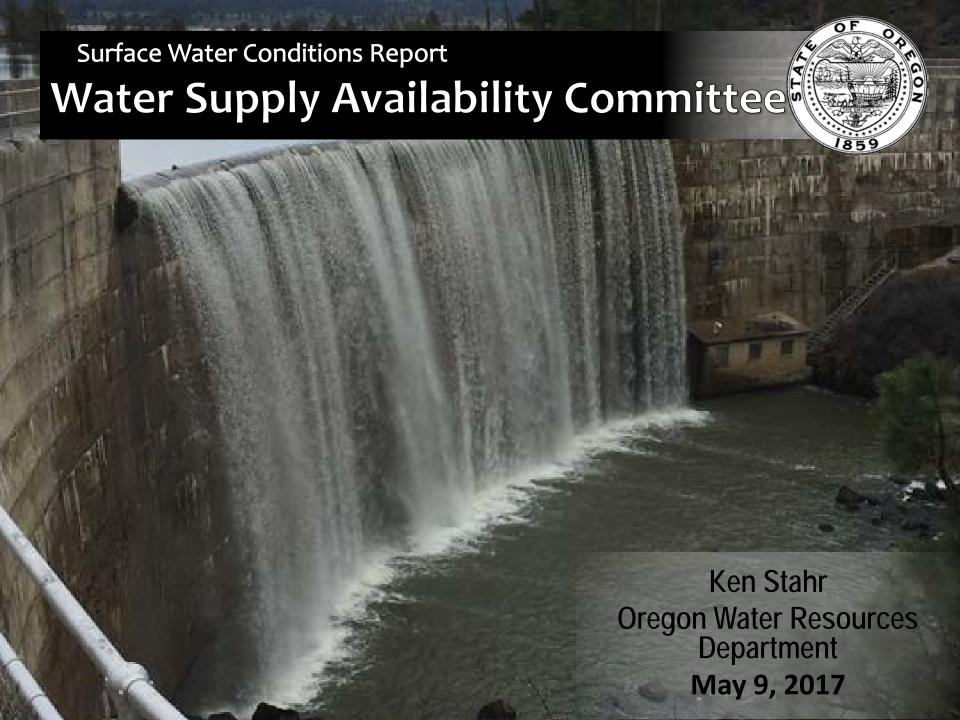
flows will exceed this volume.

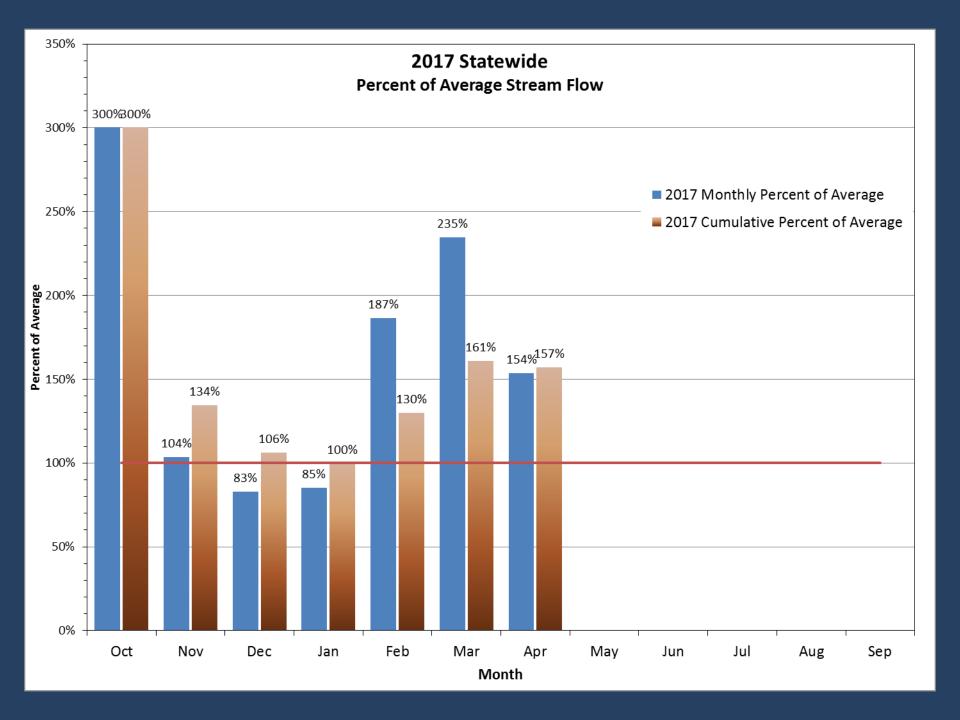
Thank you!

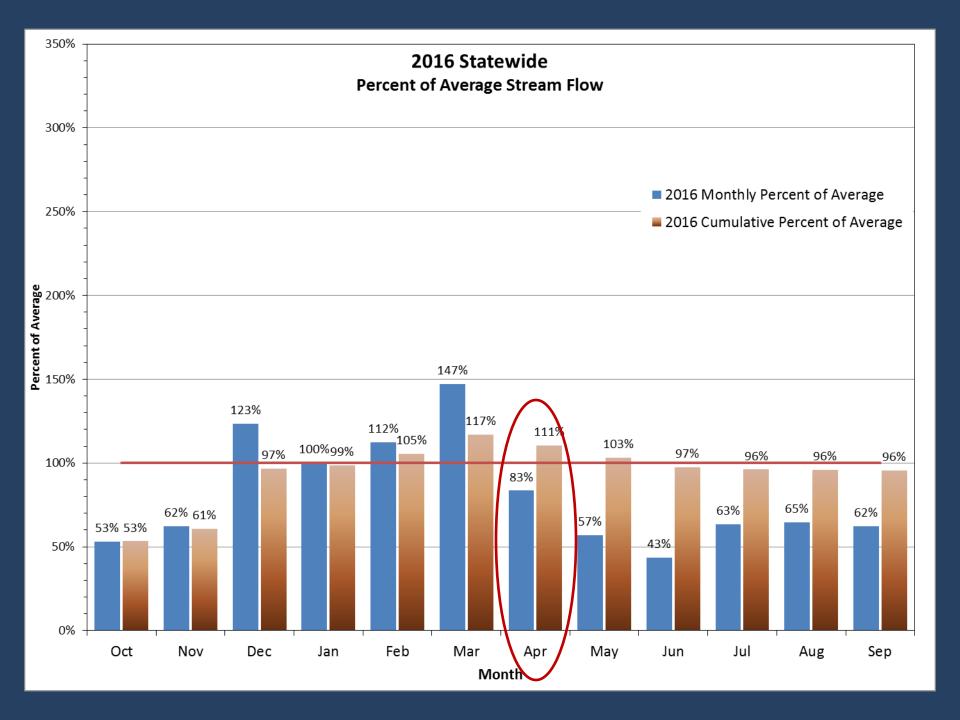
The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

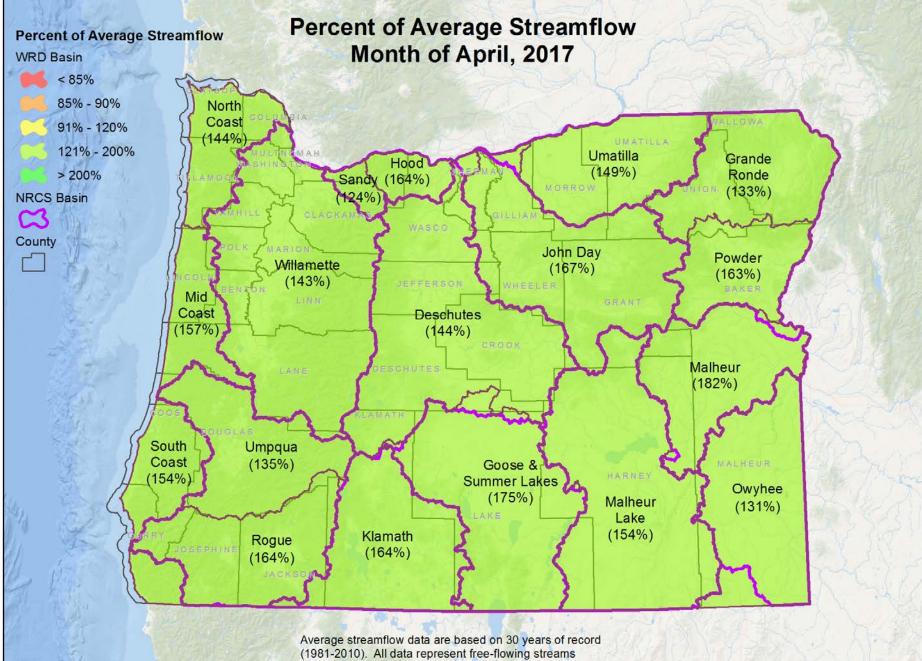
To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.







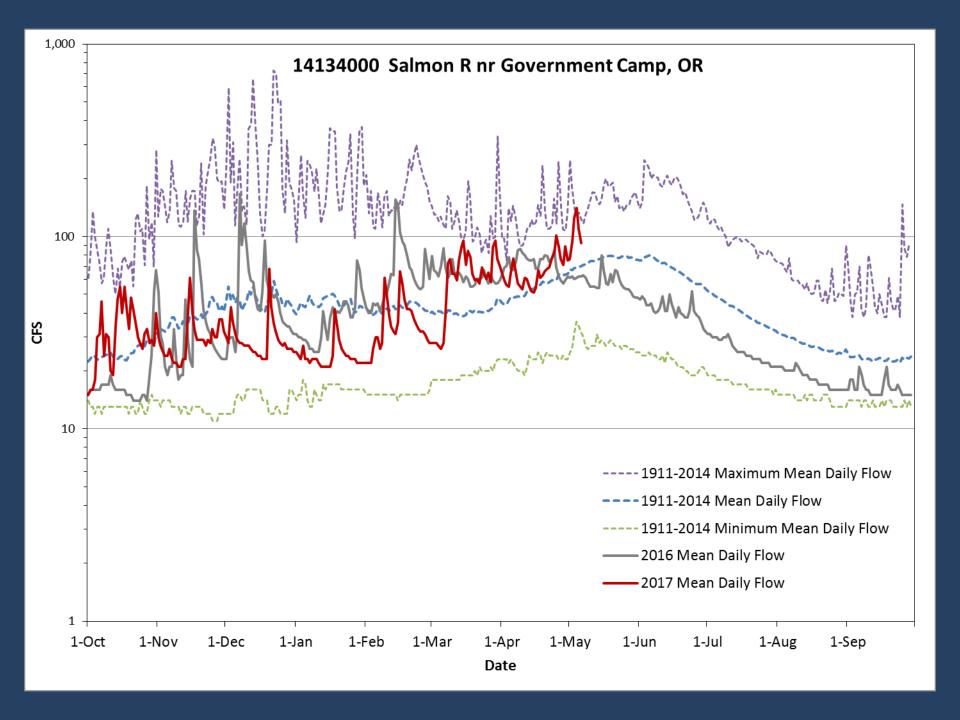




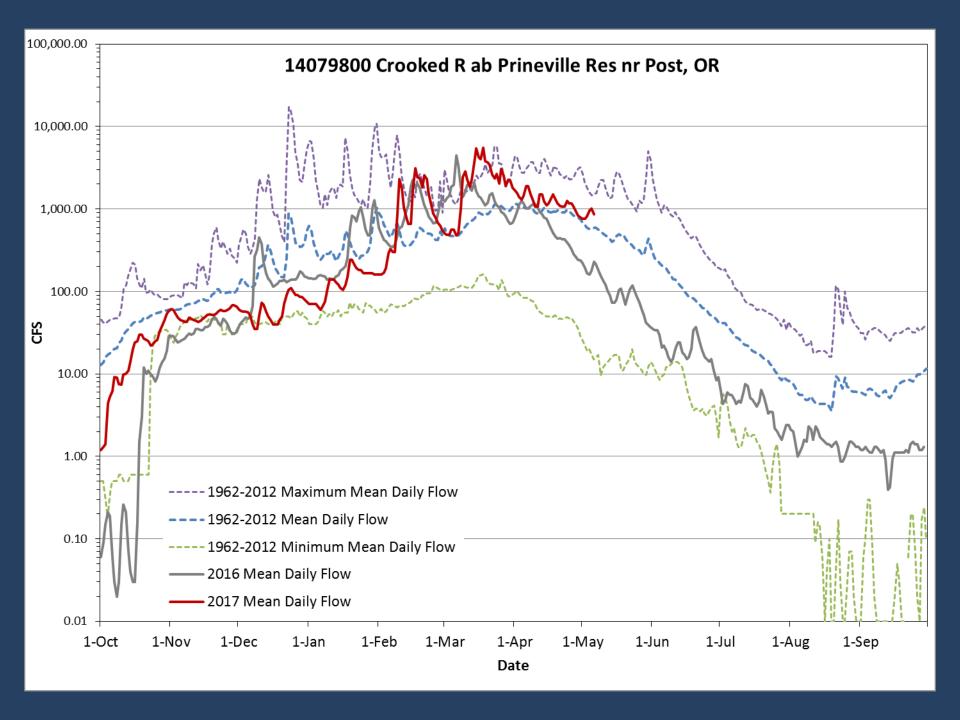
Average streamflow data are based on 30 years of record (1981-2010). All data represent free-flowing streams unaffected by significant man-made control structures such as dams or diversion works.

| | Water Year % | % of | % of average | # of data |
|----------------------|--------------|-------------|--------------|-----------|
| Basin | of average | average for | for | |
| | thru April | April | 04/30/2017 | points |
| North Coast | 154% | 144% | 193% | 4 |
| Willamette | 144% | 145% | 206% | 11 |
| Sandy | 107% | 124% | 167% | 3 |
| Hood | 113% | 164% | 181% | 3 |
| Deschutes | 136% | 143% | 134% | 9 |
| John Day | 175% | 174% | 170% | 9 |
| Umatilla | 139% | 150% | 198% | 7 |
| Grande Ronde | 146% | 133% | 103% | 4 |
| Powder | 161% | 155% | 95% | 3 |
| Malheur | 200% | 182% | 146% | 2 |
| Owyhee | 164% | 131% | 205% | 1 |
| Malheur Lake | 165% | 154% | 143% | 3 |
| Goose & Summer Lakes | 215% | 176% | 132% | 5 |
| Klamath | 156% | 159% | 129% | 5 |
| Rogue | 183% | 167% | 168% | 7 |
| Umpqua | 153% | 135% | 179% | 4 |
| South Coast | 170% | 172% | 157% | 2 |
| Mid Coast | 147% | 157% | 217% | 5 |
| West Side | 151% | 149% | 184% | 36 |
| East Side | 161% | 156% | 149% | 51 |
| State | 157% | 154% | 162% | 87 |

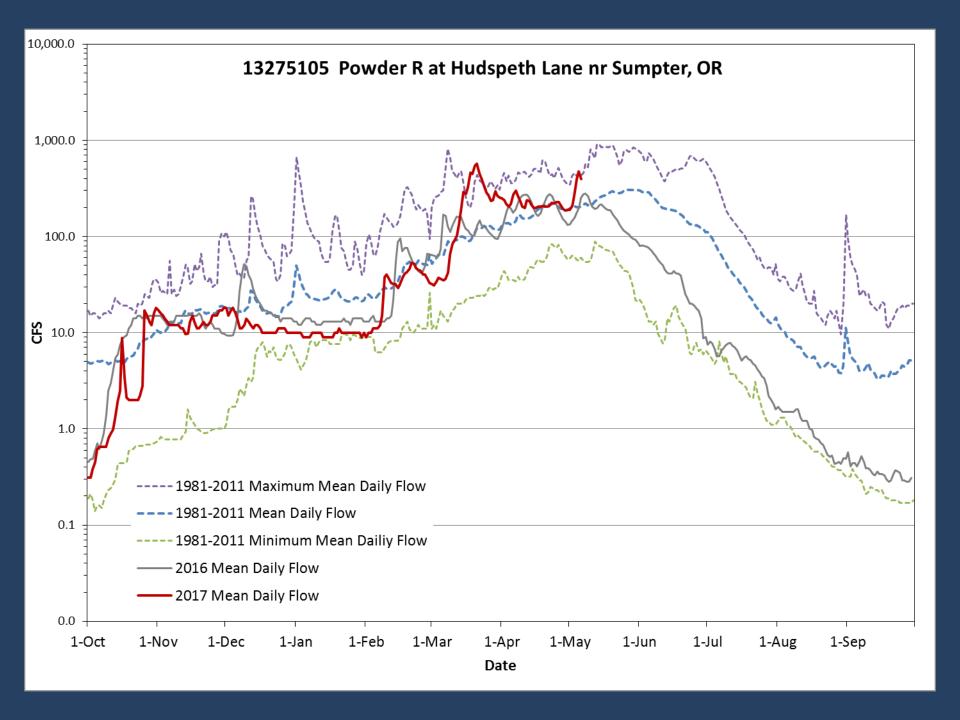
Sandy



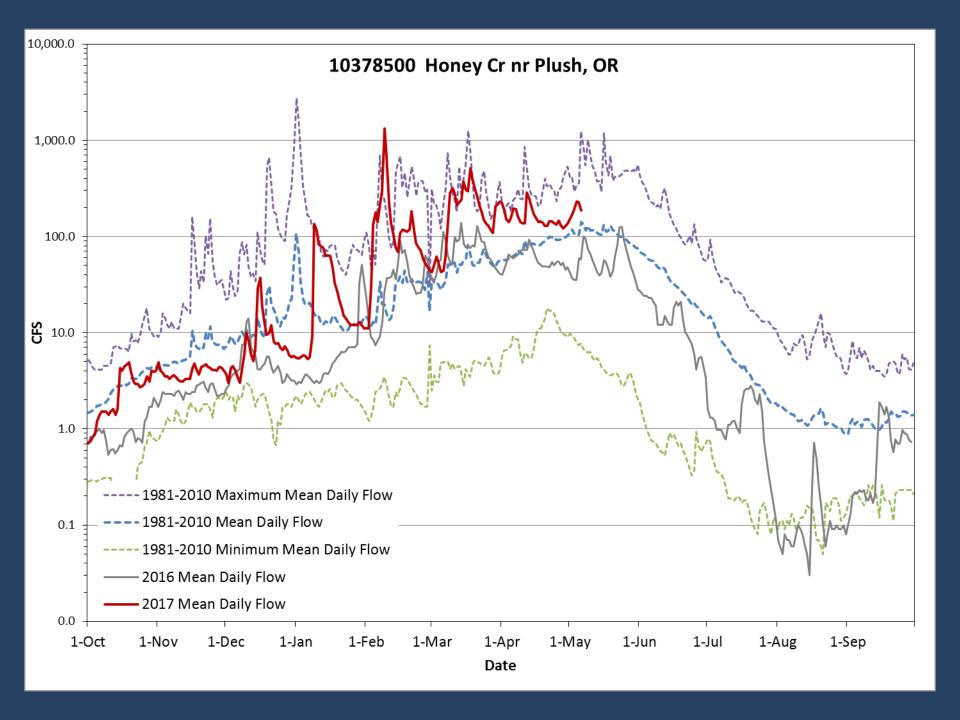
Deschutes



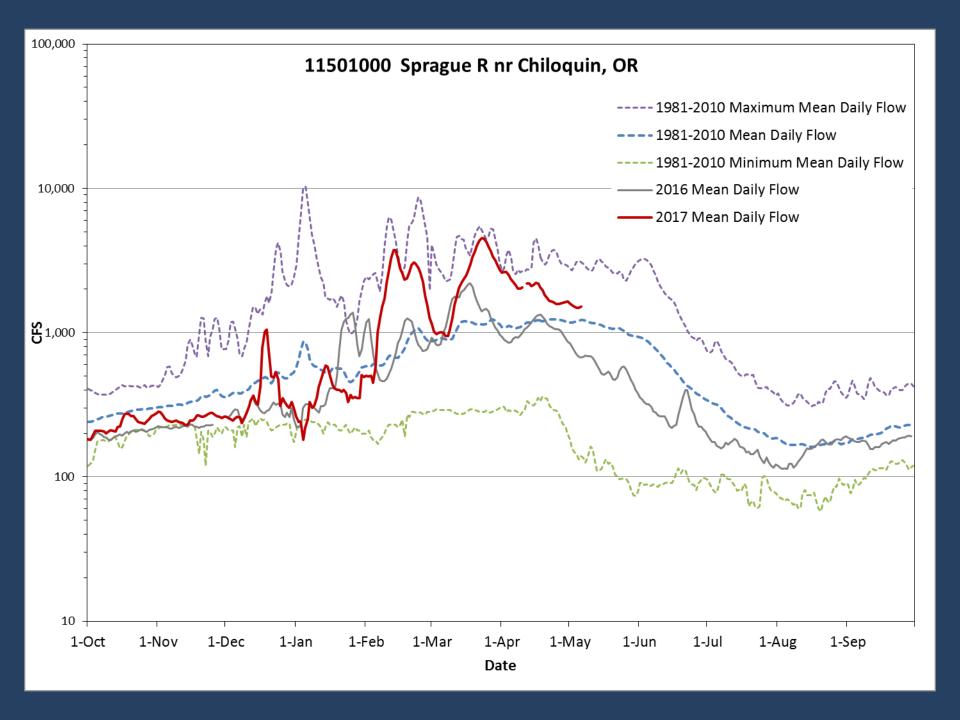
Powder



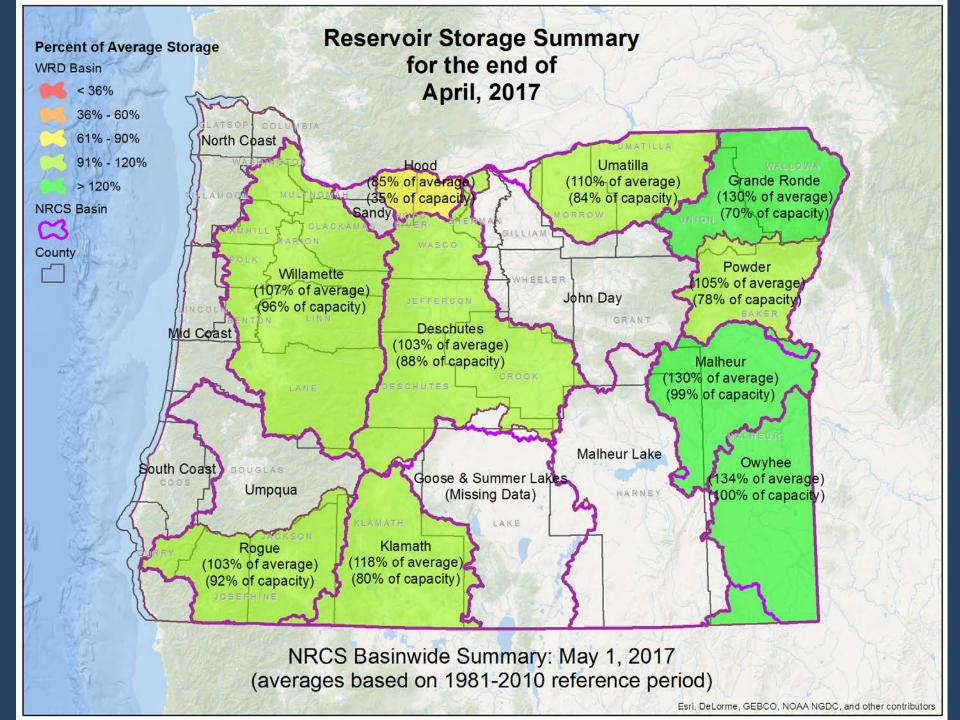
Lake County

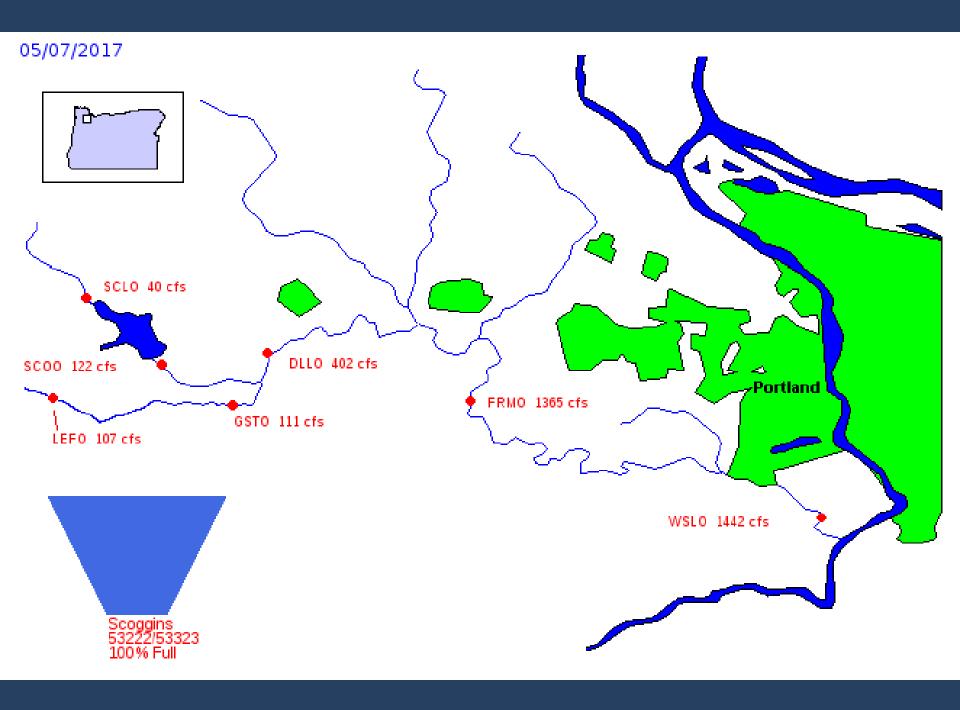


Klamath



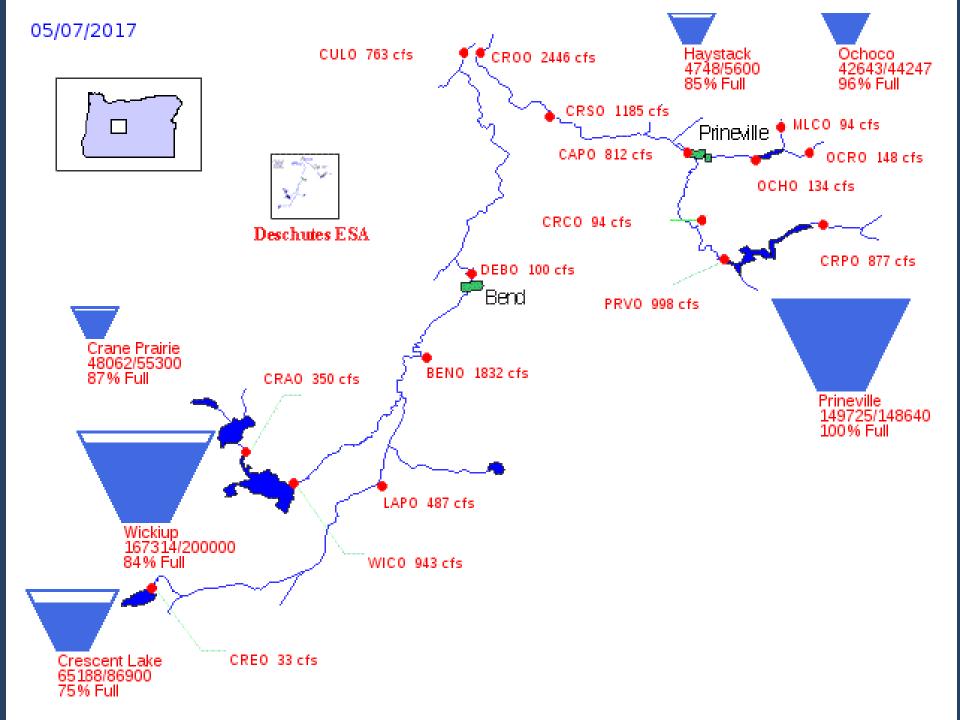
Storage



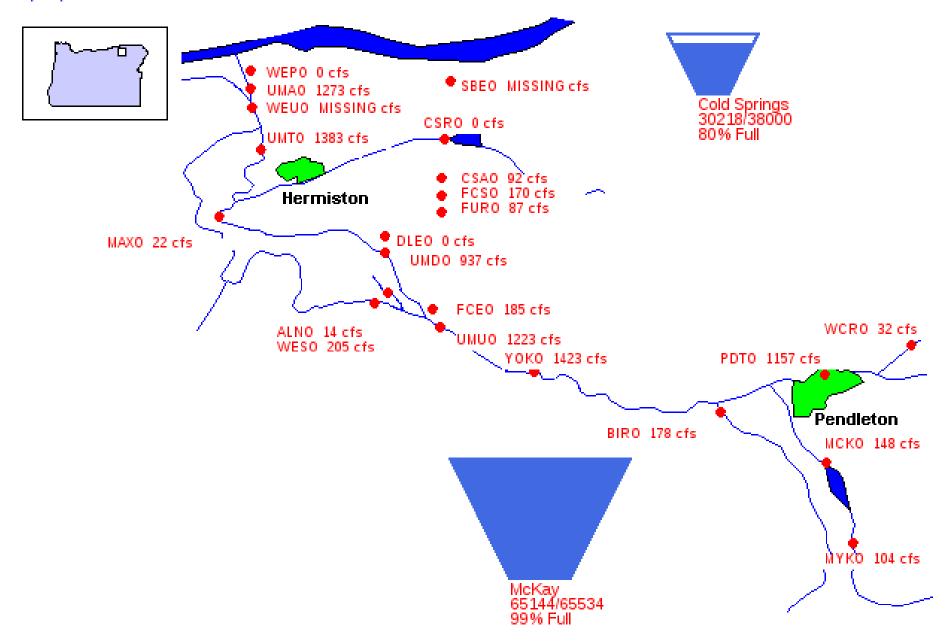


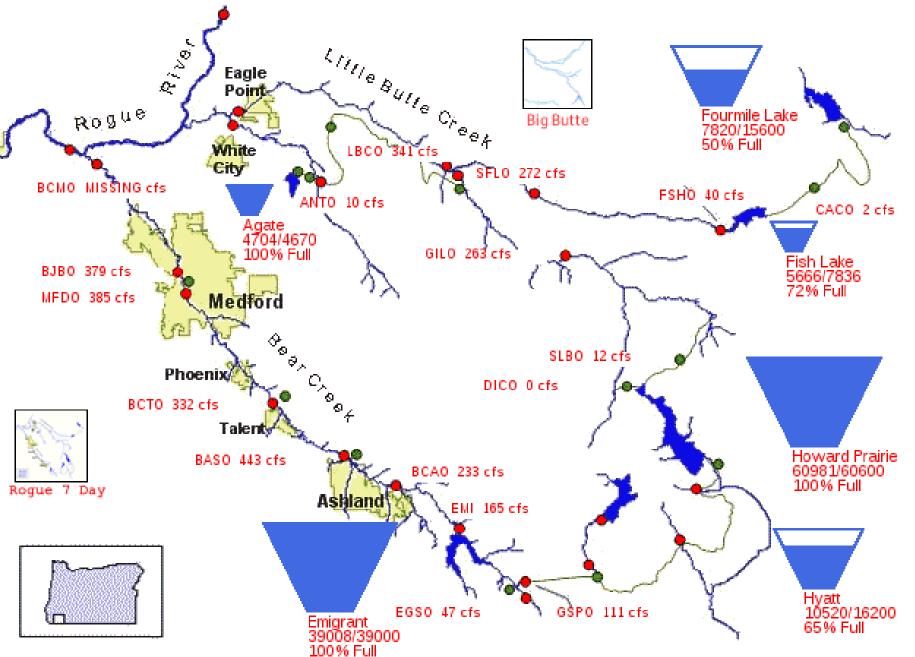


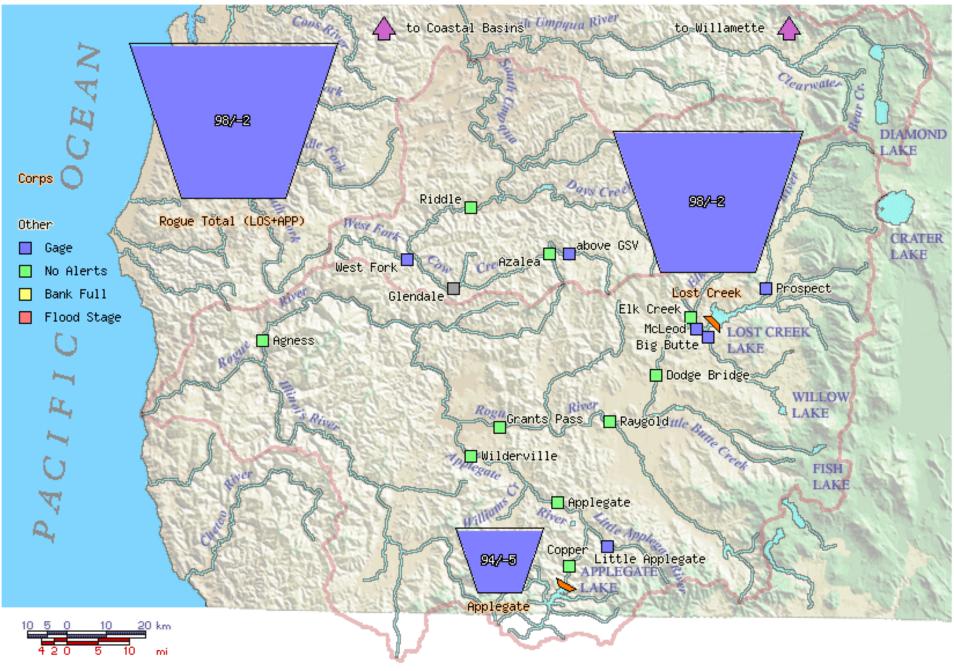
Created: Mon May 8 10:23:56 2017



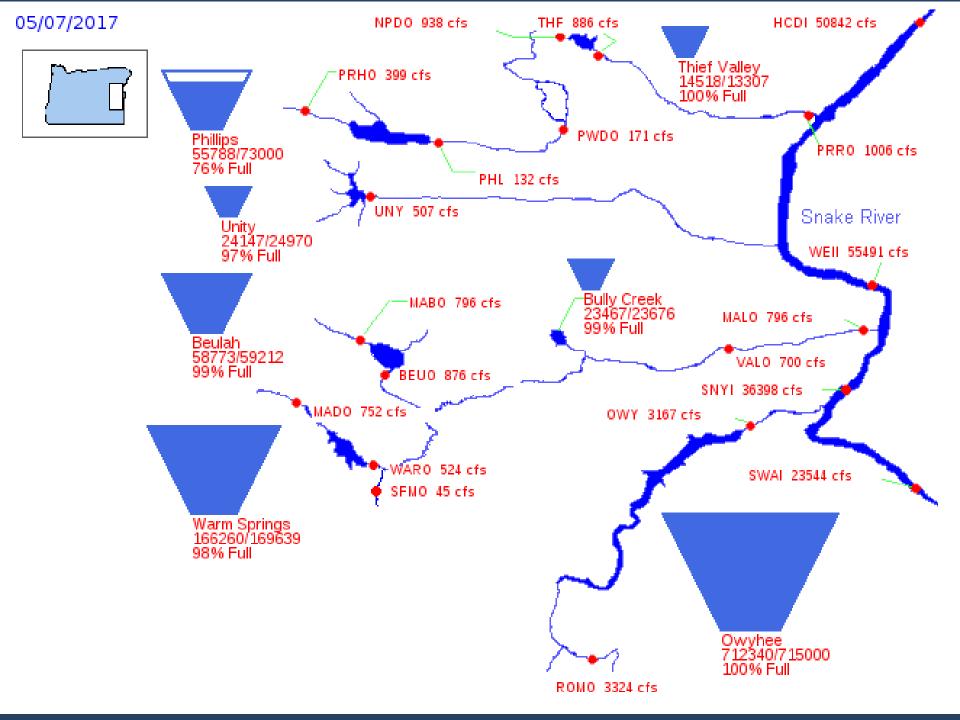
05/07/2017

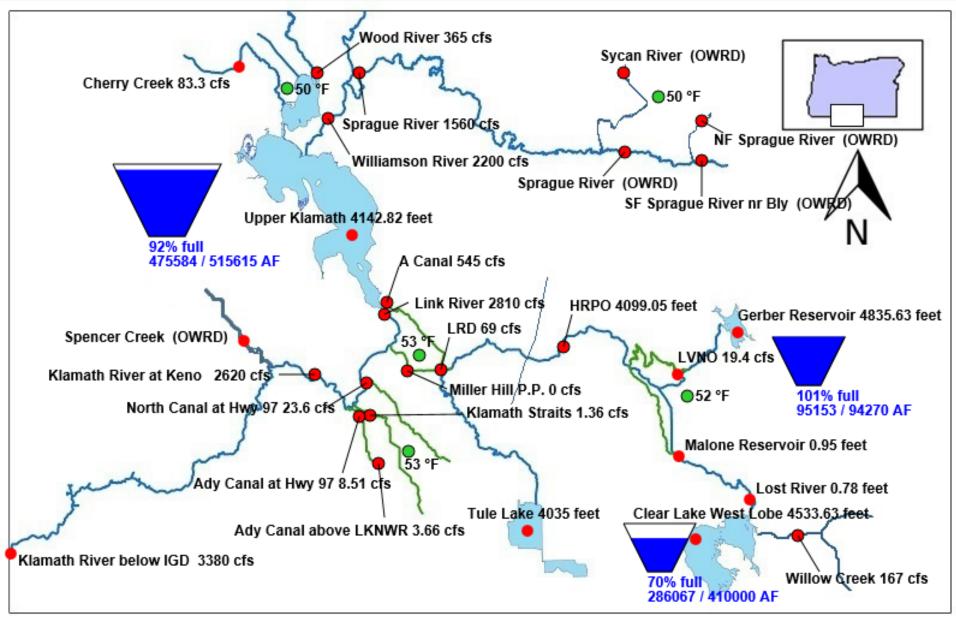




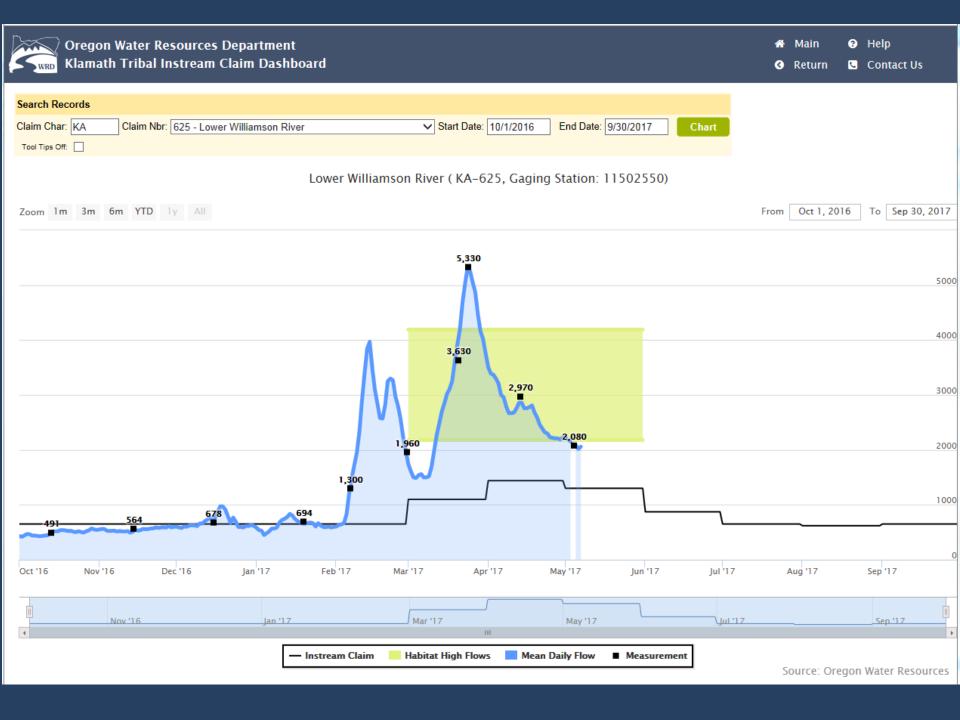


Created: Mon May 8 10:22:48 2017





Thank You







Water Supply Availability Committee May 2017

http://or.water.usgs.gov/data_dir/war_dir/war1604.html

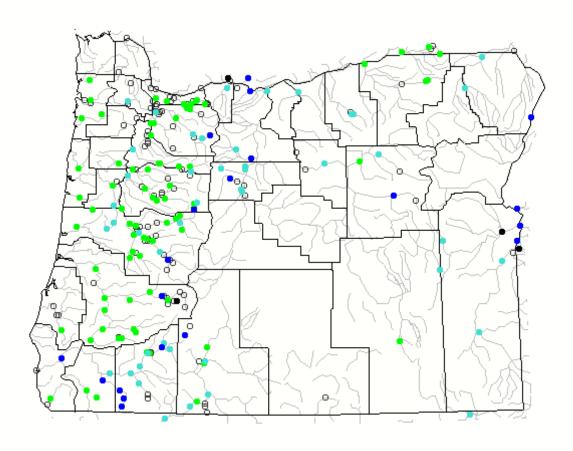
http://or.water.usgs.gov/sw_studies/index.html

Data are provisional and subject to revision until they have been thoroughly reviewed and received final approval

Map of real-time streamflow compared to historical streamflow for the day of the year (Oregon)

| Oregon ▼ | or | Water-Resources Regions | • |
|----------|----|-------------------------|---|
|----------|----|-------------------------|---|

Tuesday, May 09, 2017 09:30ET



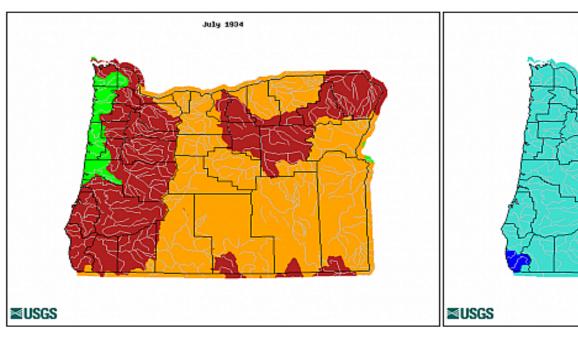


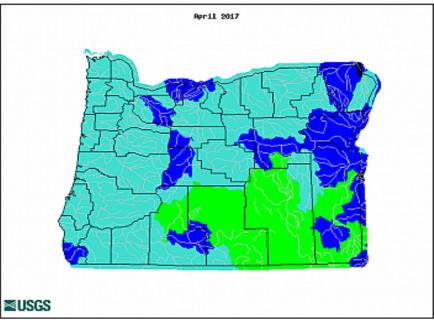
Comparison of Streamflow Maps

| Geographic area | Oregon | ▼ Water reso | urce region: | ▼ | GO |
|-----------------|-------------------|----------------------|--------------|--------------------|----|
| Map type: | Monthly Streamfle | ow (month of year) ▼ | Sub type: | HUC Streamflow Map | ▼ |

Date (YYYYMM): 201604

Date (YYYYMM): 201704





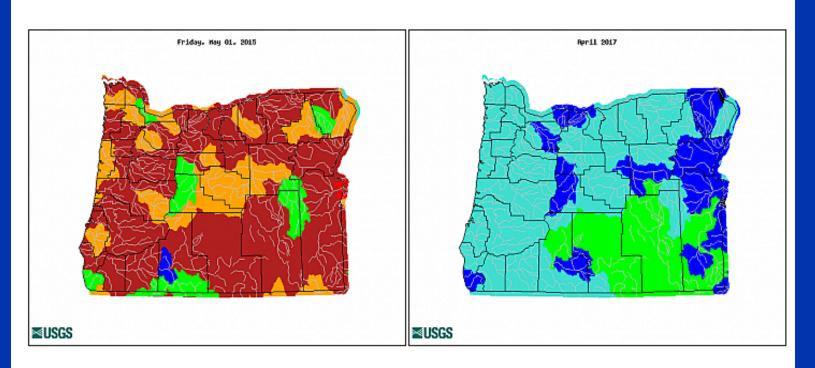
| | Expl | lanation | - Perce | ntile cla | sses | | |
|-----|----------------------|-----------------|---------|-----------------|----------------------|-------|---------|
| | | | | | | | |
| Low | <10 | 10-24 | 25-75 | 76-90 | >90 | High | No Doto |
| LOW | Much below normal | Below normal | Normal | Above normal | Much above normal | nigii | No Data |

Comparison of Streamflow Maps

| Geographic area | Oregon | ▼ Water reso | urce region: | ▼ | GO |
|-----------------|----------------|------------------------|--------------|--------------------|----------|
| Map type: | Monthly Stream | flow (month of year) ▼ | Sub type: | HUC Streamflow Map | ▼ |

Date (YYYYMM): 201504

Date (YYYYMM): 201704



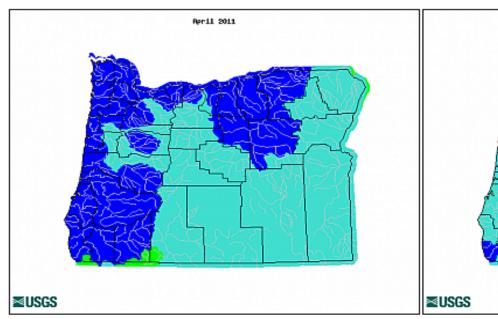
| | Expl | lanation | - Perce | ntile cla | sses | | |
|-----|----------------------|-----------------|---------|-----------------|----------------------|-------|---------|
| | | | | | | | |
| Low | <10 | 10-24 | 25-75 | 76-90 | >90 | High | No Dota |
| LOW | Much below normal | Below normal | Normal | Above normal | Much above normal | nigii | No Data |

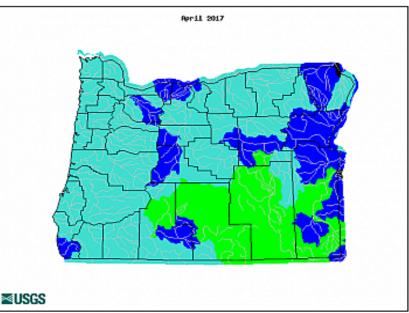
Comparison of Streamflow Maps

| Geographic area | Oregon | ▼ Water resor | urce region: | ▼ | GO |
|-----------------|----------------|-------------------------|--------------|--------------------|----|
| Map type: | Monthly Stream | nflow (month of year) ▼ | Sub type: | HUC Streamflow Map | ▼ |

Date (YYYYMM): 201104

Date (YYYYMM): 201704



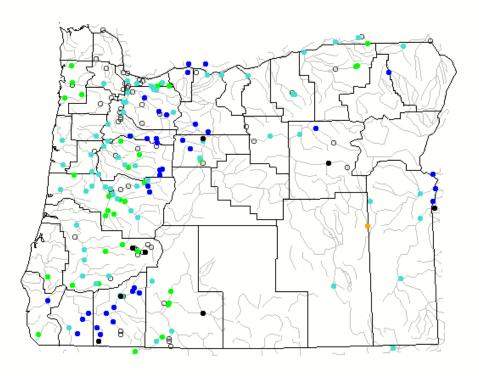


| | Exp | lanation | - Perce | ntile cla | sses | | |
|-----|----------------------|-----------------|---------|-----------------|----------------------|------|---------|
| | | | | | | | |
| Low | <10 | 10-24 | 25-75 | 76-90 | >90 | High | No Doto |
| LOW | Much below normal | Below normal | Normal | Above normal | Much above normal | - | No Data |

Map of 7-day average streamflow compared to historical streamflow for the day of the year (Oregon)

Oregon ▼ or Water-Resources Regions ▼ All Days

Monday, May 08, 2017



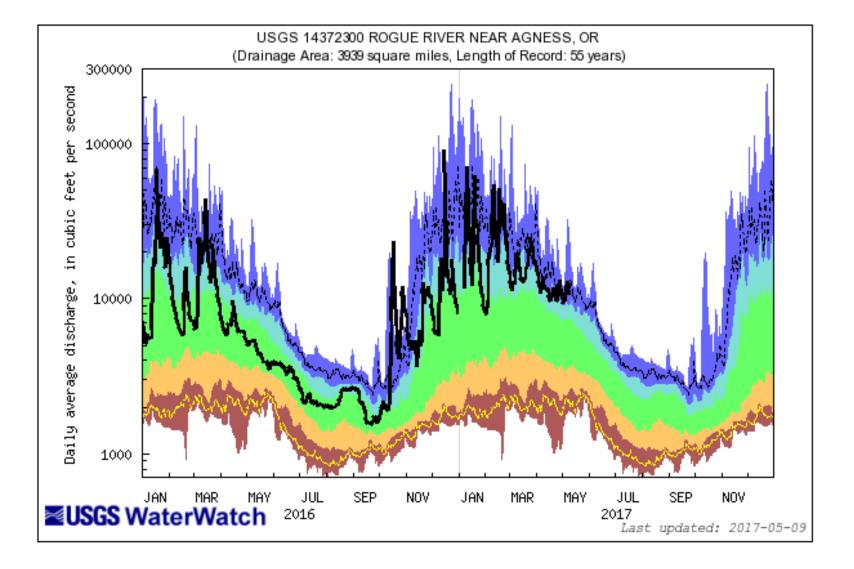


Search USGS streamgage

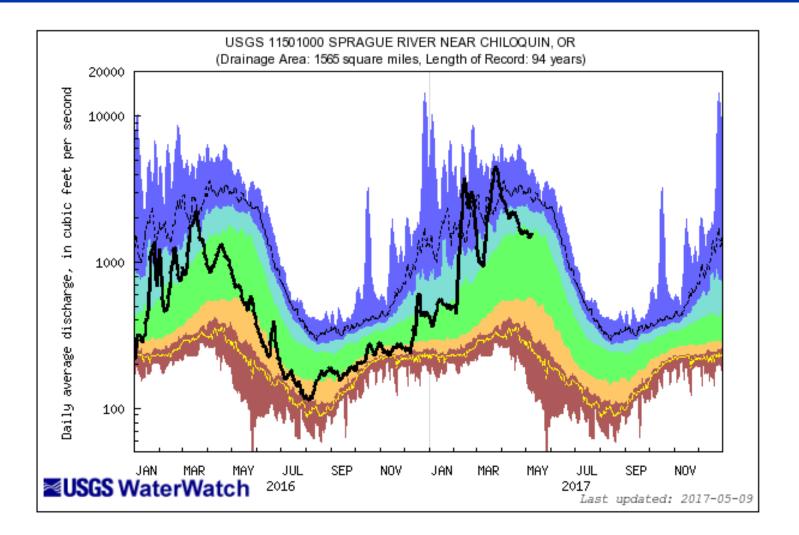
Choose a data retrieval option and select a location on the map

○ List of all stations ○ Single station ○ Nearest stations

| | | Explan | ation - F | Percentil | e classe | es | |
|-----|-----|--------|-----------|-----------|----------|------|------------|
| | | | • | | • | • | 0 |
| Low | <10 | 10-24 | 25-75 | 76-90 | >90 | High | Not-ranked |

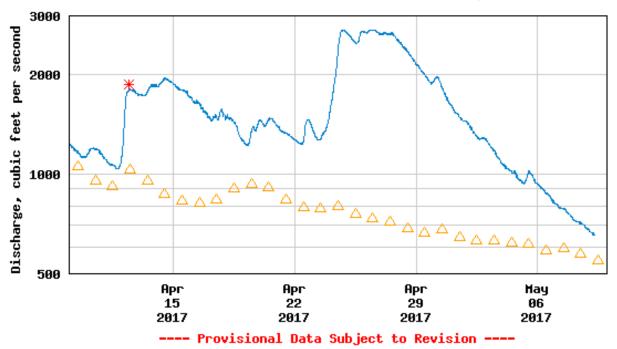


| | Е | xplana | tion - Pe | rcentile | classes | 3 | |
|--|---|--------|-----------|----------|---------|-----------------------------|-------|
| | | | | | | | |
| lowest- 10th percentile | 5 | 10-24 | 25-75 | 76-90 | 95 | 90th percentile -highest | Flow |
| Much below Normal Below normal Normal Above normal Much above normal | | | | | | | 11011 |



| | Е | xplana | tion - Pe | rcentile | classes | 3 | | |
|----------------------------|--|--------|-----------|----------|---------|-----------------------------|------|--|
| | | | | | | | | |
| lowest- 10th percentile | 5 | 10-24 | 25-75 | 76-90 | 95 | 90th percentile -highest | Flow | |
| Much below | Much below Normal Below normal Normal Above normal Much above normal | | | | | | | |

USGS 14303600 NESTUCCA RIVER NEAR BEAVER, OR



△ Median daily statistic (35 years) ** Measured discharge
— Discharge

Create presentation-quality / stand-alone graph. Subscribe to @ WaterAlert P00060

+Share this graph | f ⊌ 🖶 🗷

Daily discharge, cubic feet per second -- statistics for May 9 based on 35 years of record more

| Min (1989) | 25th percen- tile | 1 | Most Recent Instantaneous Value May 9 | | 75th percen- tile | Max (2014) |
|---------------|-------------------------|-----|---|-----|-------------------------|---------------|
| 237 | 434 | 547 | 655 | 688 | 969 | 1720 |

US GEOLOGICAL SURVEY, OREGON WATER SCIENCE CENTER WATER AVAILABILITY REPORT FOR APRIL 2017

----- Change -----

| | | | | Change | |
|--|------------------------------|----------|-----------------|-------------------|--------------------------------------|
| | | | y mean harge | in dis- charge | Accumulated Runoff For the Period |
| | | aisc | | from | Oct. to Apr. |
| | NRCS | Cubic | | | |
| | SWSI | feet per | of | month | Percent |
| Station | Basin | second | | (percent) | |
| 300000 | | | | (percent) | or average |
| Donner Und Blitzen nr Frenchglen | Harney | 240 | 107 | 30 | 94 |
| (*)Deep Creek above Adel | Lake County | 727 | 196 | -15 | 239 |
| *)Chewaucan River near Paisley | Lake County | 682 | 191 | -9 | 235 |
| Williamson River near Chiloquin | Klamath | 2,858 | 158 | -5 | 132 |
| Owyhee River near Rome | Owyhee | 3,569 | 133 | -12 | 165 |
| (*)NF Malheur River near Beulah | Malheur | 624 | 168 | -21 | 180 |
| Grande Ronde R at Troy | Grande Ronde Powder/Burnt | 9,290 | 152 | -27 | 162 |
| Umatilla River nr Gibbon | Umatilla Lower John Day | 679 | 126 | -40 | 149 |
| John Day River at Service Crk | Upper John Day | 8,055 | 152 | -15 | 161 |
| (*)Little Deschutes River nr LaPine | Upper Deschutes | 505 | 186 | 35 | 128 |
| Hood River nr Hood River | Lower Deschutes Mt.Hood | 2,091 | 168 | -21 | 113 |
| Willamette River at Salem | Willamette | 36,540 | 155 | -40 | 137 |
| Wilson River near Tillamook | North Coast | 1,682 | 141 | -55 | 147 |
| Umpqua River near Elkton | Rogue/Umpqua | 12,720 | 138 | -39 | 158 |
| Rogue River near Agness | Rogue/Umpqua | 11,200 | 174 | -29 | 203 |
| SF Coquille River at Powers | South Coast | 1,448 | 156 | -36 | 178 |
| Chetco River near Brookings | South Coast | 4,853 | 193 | -25 | 163 |
| | | | | | |

Thank You

Provisional Data Statement

Data are provisional and subject to revision until they have been thoroughly reviewed and received final approval.

Real-time data relayed by satellite or other telemetry are automatically screened to not display improbable values until they can be verified.

Provisional data may be inaccurate due to instrument malfunctions or physical changes at the measurement site. Subsequent review based on field inspections and measurements may result in significant revisions to the data.

Data users are cautioned to consider carefully the provisional nature of the information before using it for decisions that concern personal or public safety or the conduct of business that involves substantial monetary or operational consequences.

Information concerning the accuracy and appropriate uses of these data or concerning other hydrologic data may be obtained from the USGS

