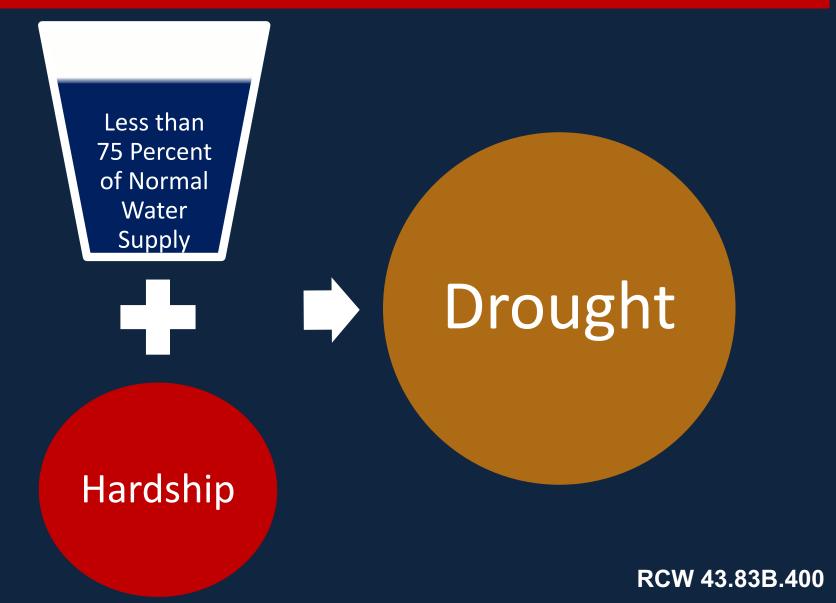


Washington State's Drought Trigger



Recommendations from June 2, 2016 WSAC where watersheds are likely to be below 75 percent of normal supply by WRIA

(Next step: 06/09/2016 EWEC will evaluate hardship in watersheds below 75% of normal water supply and may recommend drought declaration for some basins.)



WSAC

06/02/16

Above

Above

Above

Watch

Watch

Watch

Above

Above

Above

Above

Above

Below

Below

Watch

Watch

Watch

Above

Above

Above

Above

Watch

Below

Below

Below

Above

Above

Above

Above

Above

WRIA Name

Walla Walla

Lower Snake

Middle Snake

Lower Yakima

Upper Yakima

Lower Crab

Grand Coulee

Moses Coulee

Wenatchee

Entiat

Chelan

Methow

Okanogan

Nespelem

Little Spokane

Middle Spokane

Middle Lake Roosevelt

Upper Lake Roosevelt

Hangman

Colville

Kettle

Pend Oreille

Lower Lake Roosevelt

Sanpoil

Foster

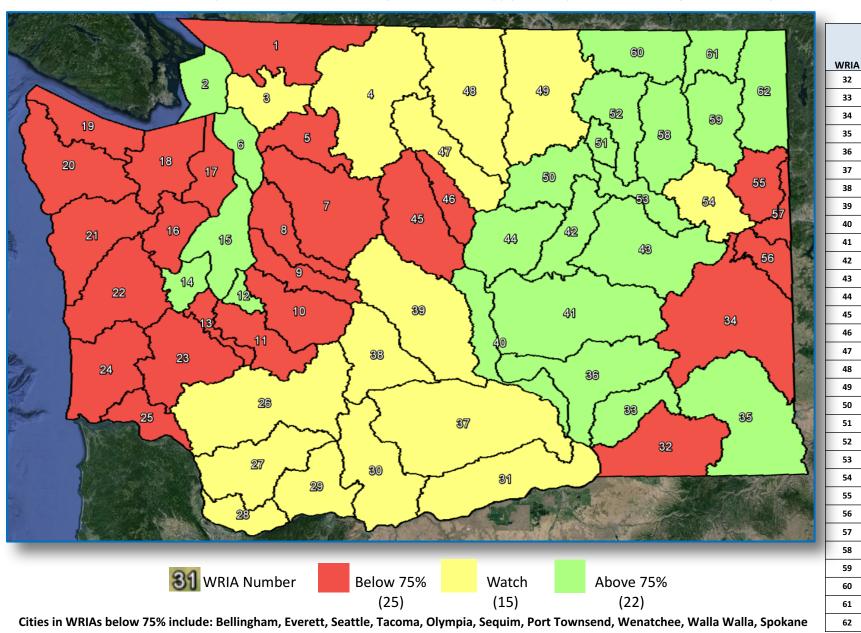
Upper Crab-Wilson

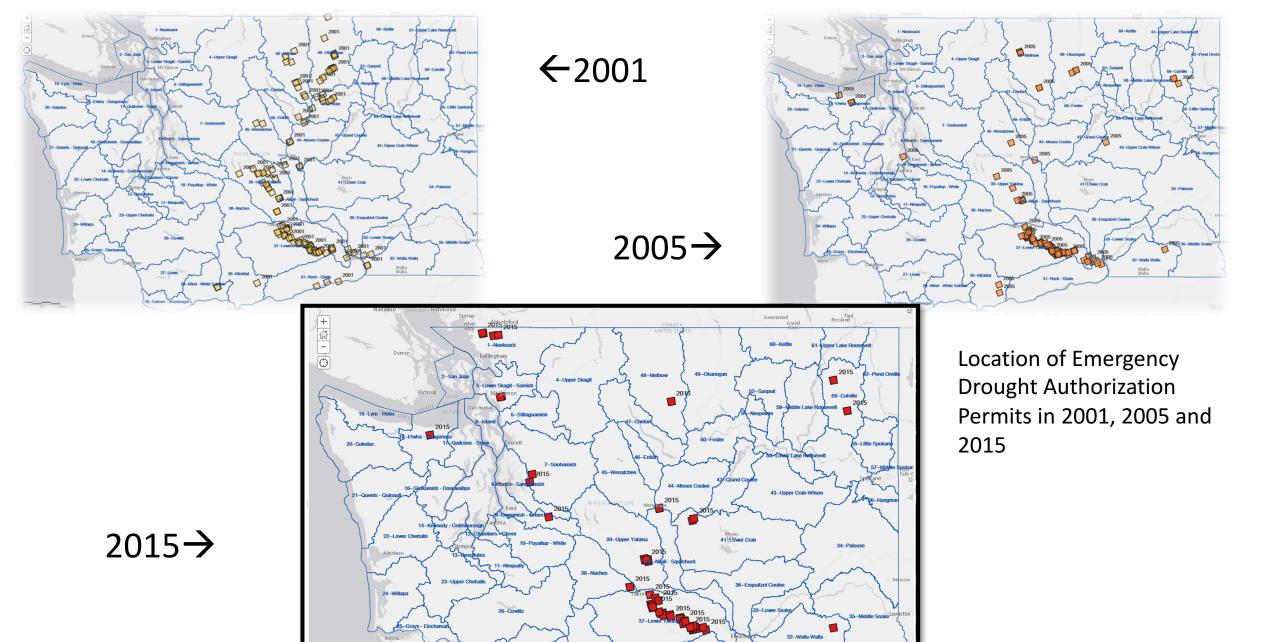
Alkali-Squilchuck

Naches

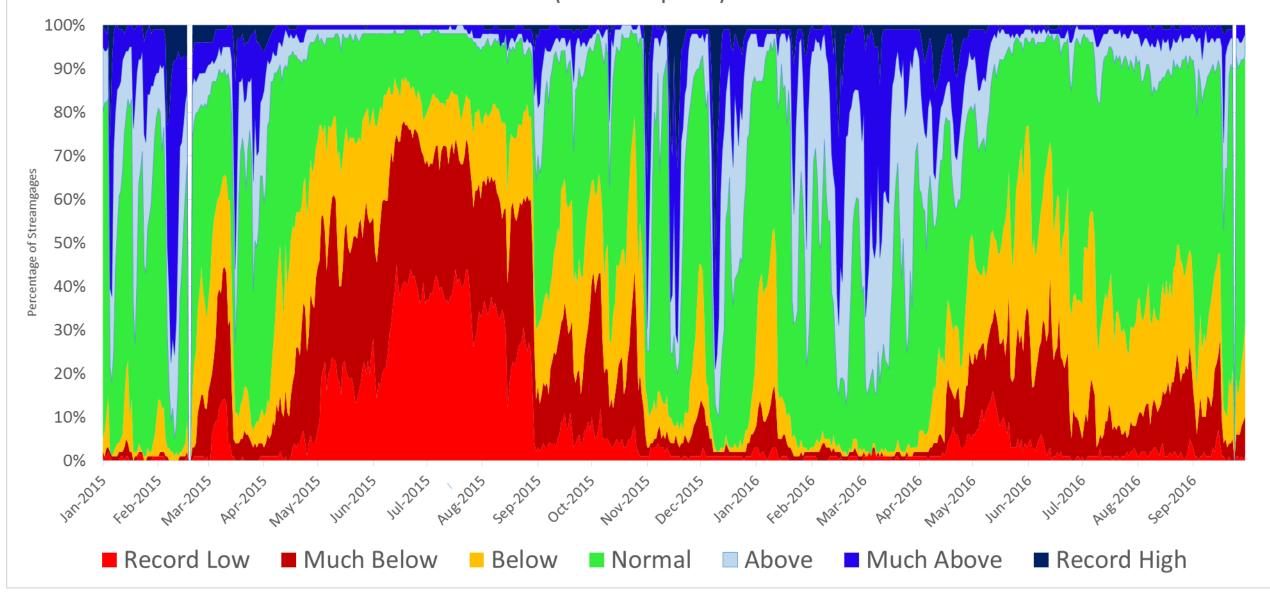
Esquatzel Coulee

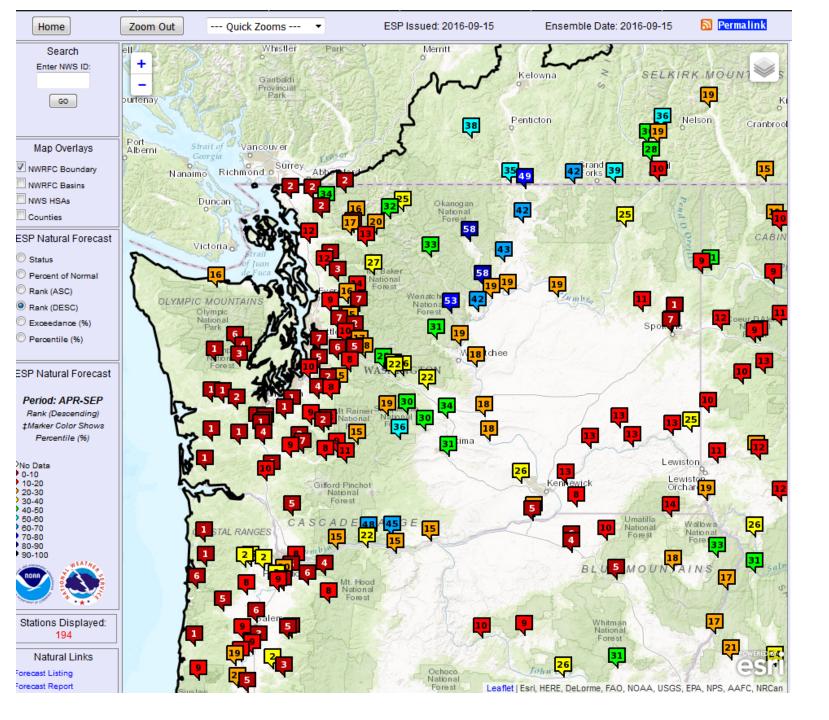
WRIA	WRIA Name	WSAC 06/02/16
1	Nooksack	Below
2	San Juan	Above
3	Lower Skagit-Samish	Watch
4	Upper Skagit	Watch
5	Stillaguamish	Below
6	Island	Above
7	Snohomish	Below
8	Cedar-Sammamish	Below
9	Duwamish-Green	Below
10	Puyallup-White	Below
11	Nisqually	Below
12	Chambers-Clover	Above
13	Deschutes	Below
14	Kennedy-Goldsborough	Above
15	Kitsap	Above
16	Skokomish-Dosewallips	Below
17	Quilcene-Snow	Below
18	Elwha-Dungeness	Below
19	Lyre-Hoko	Below
20	Sol Duc-Hoh	Below
21	Queets-Quinault	Below
22	Lower Chehalis	Below
23	Upper Chehalis	Below
24	Willapa	Below
25	Grays-Elokoman	Above
26	Cowlitz	Watch
27	Lewis	Watch
28	Salmon-Washougal	Watch
29	Wind-White Salmon	Watch
30	Klickitat	Watch
31	Rock-Glade	Watch





USGS WaterWatch -- Washington Rivers
Time Series Plot Real Time Streamflow Compared to Historical Streamflow for the Same Day of Year
(Jan 2015 - Sept 2016)





WY 2016 APR-SEPT Volume Runoff, expressed as rank for the past 68 years (e.g., 1 = Driest, 2= Second Driest, 68 is Wettest)

Source: Northwest River Forecast Center (http://www.nwrfc.noaa.gov/natural/index.html?version=20151001v2)

Water Supply Impacts

- NASS Crop Progress Reports indicate a good year for agriculture
- Crops progressed earlier than normal: strawberries at farmers' markets in late May, raspberries a month early north of Seattle, earliest cranberry bloom in recent history in Pacific County on the coast
- Yakima Basin had 100 percent supply for senior water right holders, 94
 percent for pro-ratable irrigation districts
- Low streamflows in some watersheds meant that the State curtailed about 600 water right holders in order to protect senior water rights
- More moderate temperatures made a huge difference this year for fish and also kept down water demand
- No systematic tracking of water systems invoking voluntary or mandatory water use limitations, but the media reported at least several cities doing so



Drought Planning

- Update of Washington State Drought Contingency Plan
 - Consideration of multiple drought stages and triggers (e.g., normal, advisory, emergency)
 - Pre-staging of response actions
 - Improved forecasting (Office of Washington State Climatologist subgroup)
- Final Report on 2015 Drought Impacts to Agriculture due in December
- Water Supply Availability Committee will convene on December

