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Klamath Basin Task Force

July 11, 2013

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OREGON WATER RESOURCES DEPARTMENT

Klamath Basin report for: Jul 9, 2013

	Current conditions	Average for date	Last week percent of average	Current percent of average
<u>Upper Klamath Lake, elevation (USGS)</u>	4,140.80 ft	4,141.80 ft		
<u>Upper Klamath Lake, contents (USGS)</u>	312,180 acft	390,994 acft	81%	80%
<u>Sprague R nr Chiloquin</u>	151 cfs	291 cfs	60%	52%
<u>Williamson River below Sprague River</u>	566 cfs	624 cfs	88%	91%
<u>Klamath River at Iron Gate Dam, CA</u>	904 cfs	848 cfs	106%	107%
<u>Klamath Basin snow water equivalent (snowpack)</u>	-----	-----	*	*
<u>Klamath Basin total precipitation</u>	-----	-----	88%	88%
<u>Precipitation forecast for the next 5 days</u>	0.0 in			

* = Not reported.

For more detailed information, please refer to the following links:

[Oregon Basin Outlook Report June 1, 2013 \(NRCS\)](#)

[Upper Klamath Lake graph \(USBR\)](#)

[Klamath water conditions kiosk \(USBR\)](#)

[Current snow water equivalent map \(NRCS\)](#)

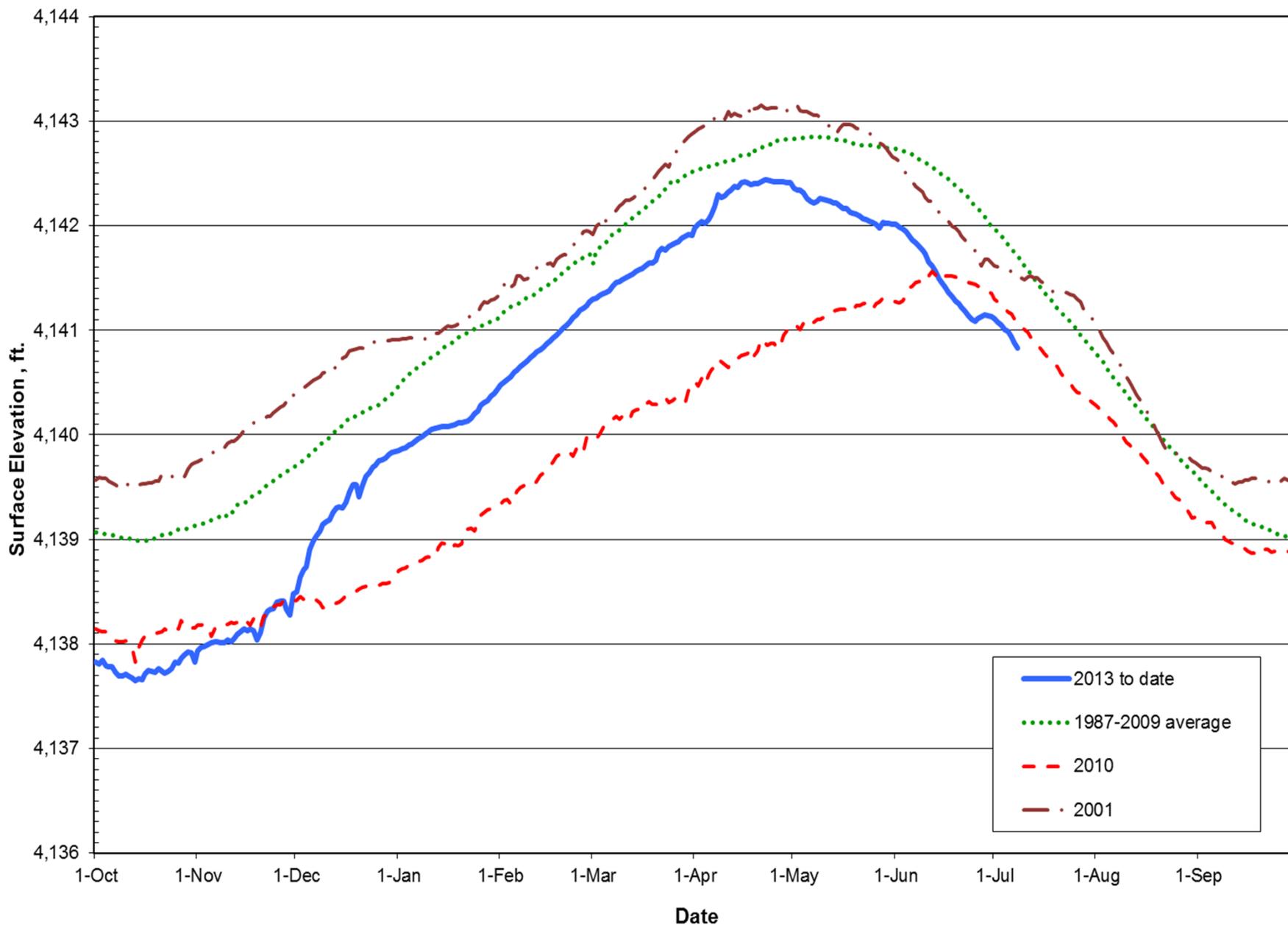
[Water year to date precipitation map \(NRCS\)](#)

[Oregon reservoir storage graph \(NRCS\)](#)

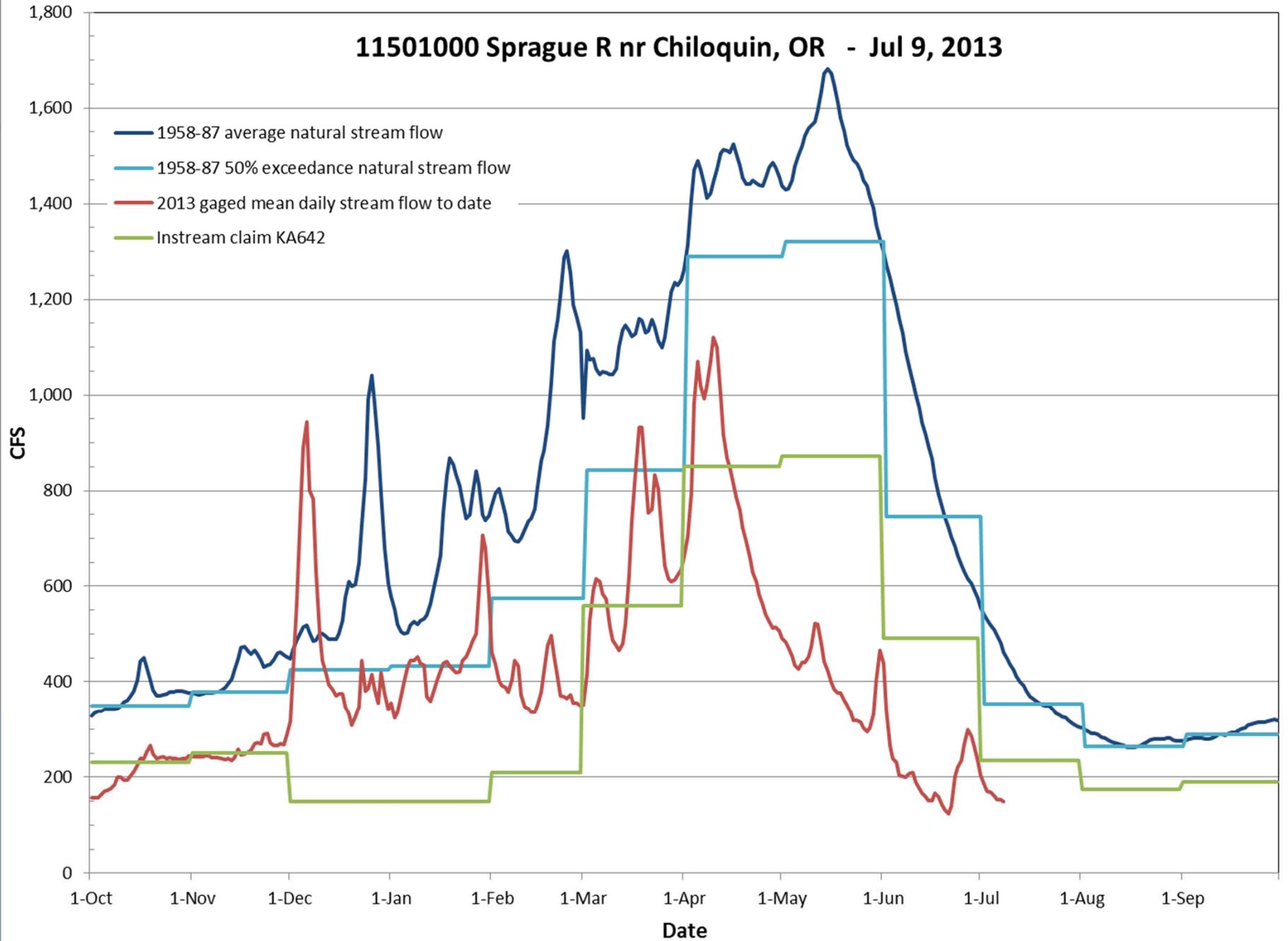
[Klamath Basin wide reservoir summary \(NRCS\)](#)

[Jul-Aug temp. and precip. forecast \(NOAA\)](#)

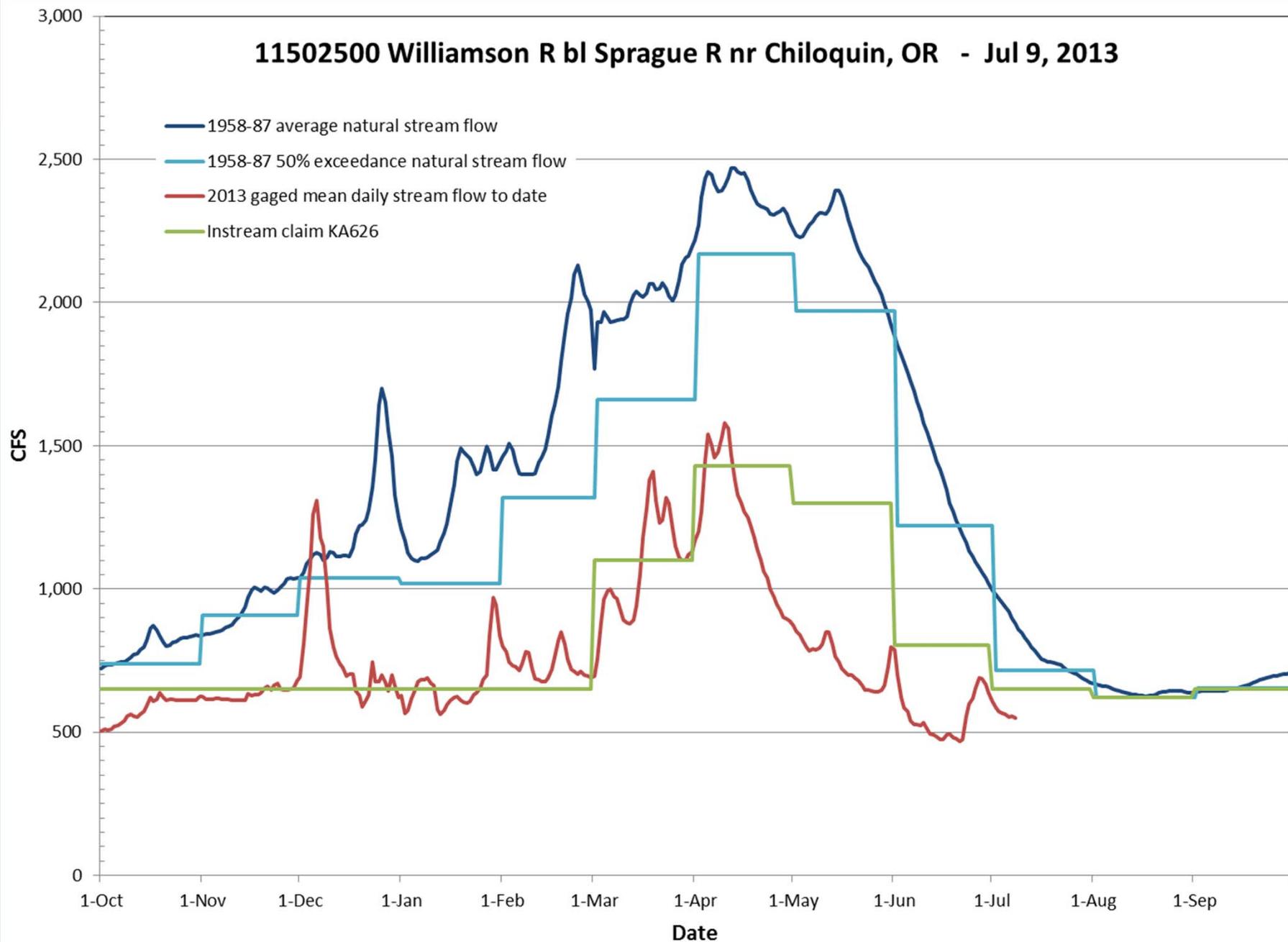
11507001 Upper Klamath Lake mean daily elevation - Jul 9, 2013



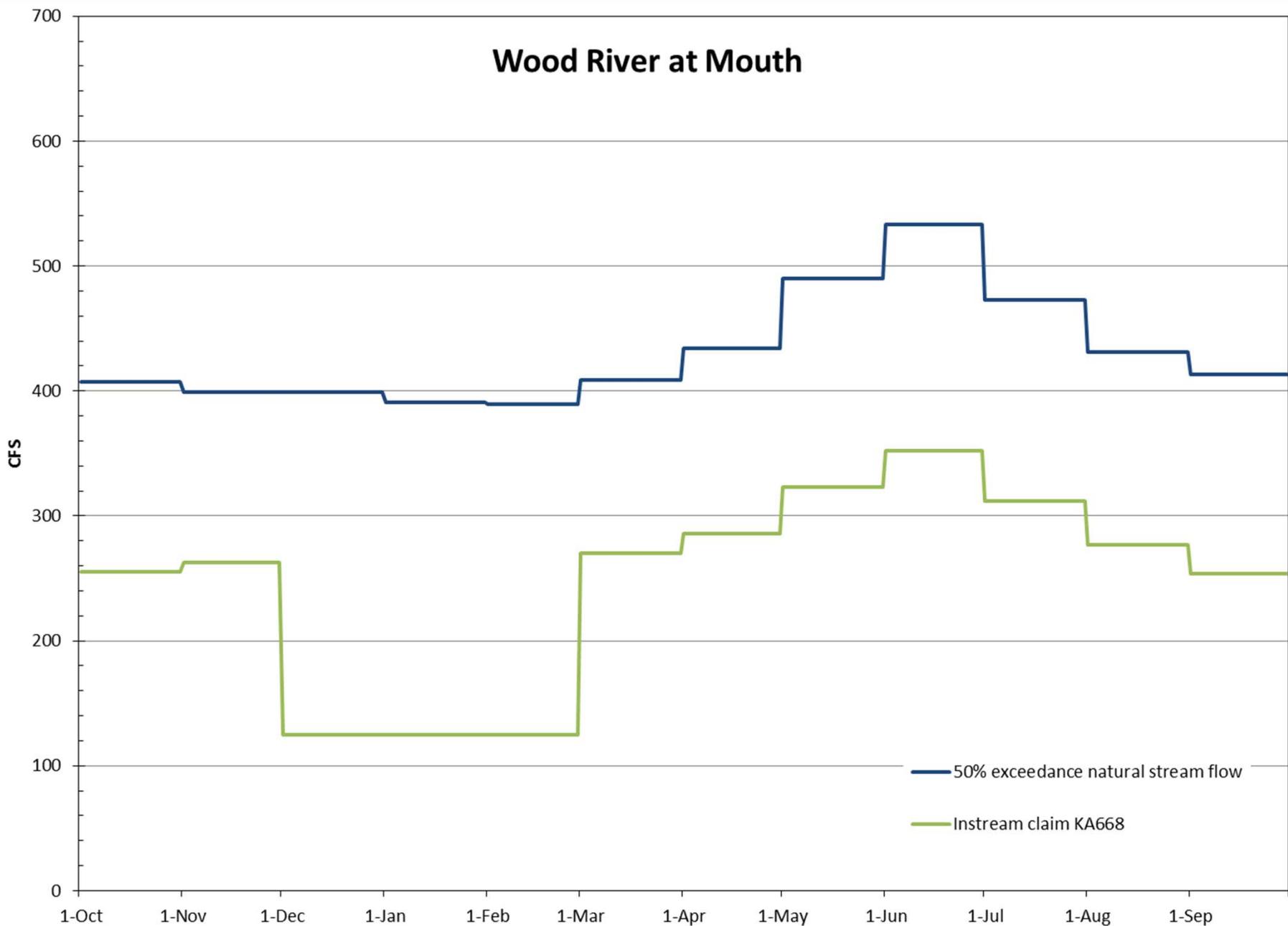
11501000 Sprague R nr Chiloquin, OR - Jul 9, 2013



11502500 Williamson R bl Sprague R nr Chiloquin, OR - Jul 9, 2013

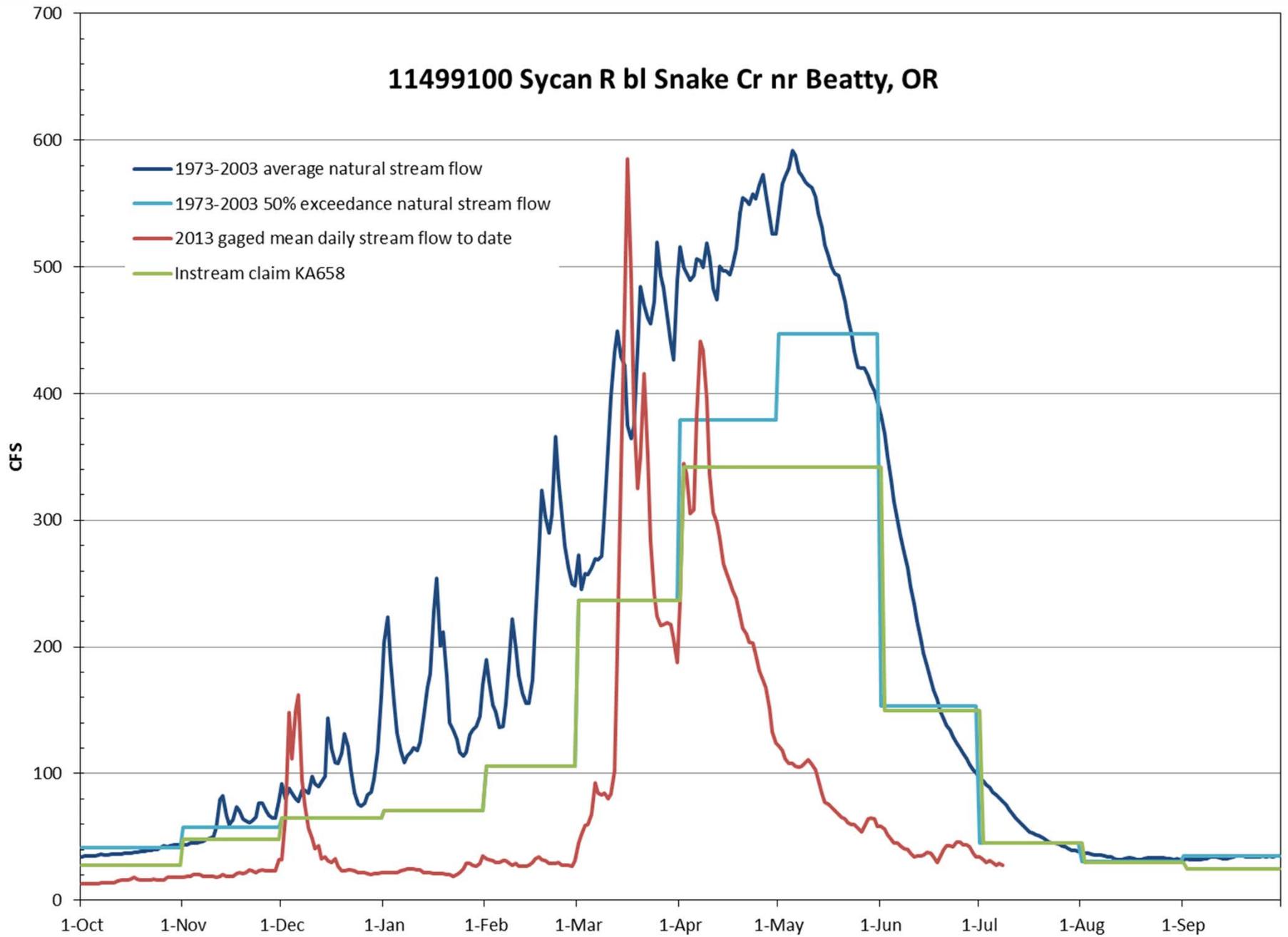


Wood River at Mouth

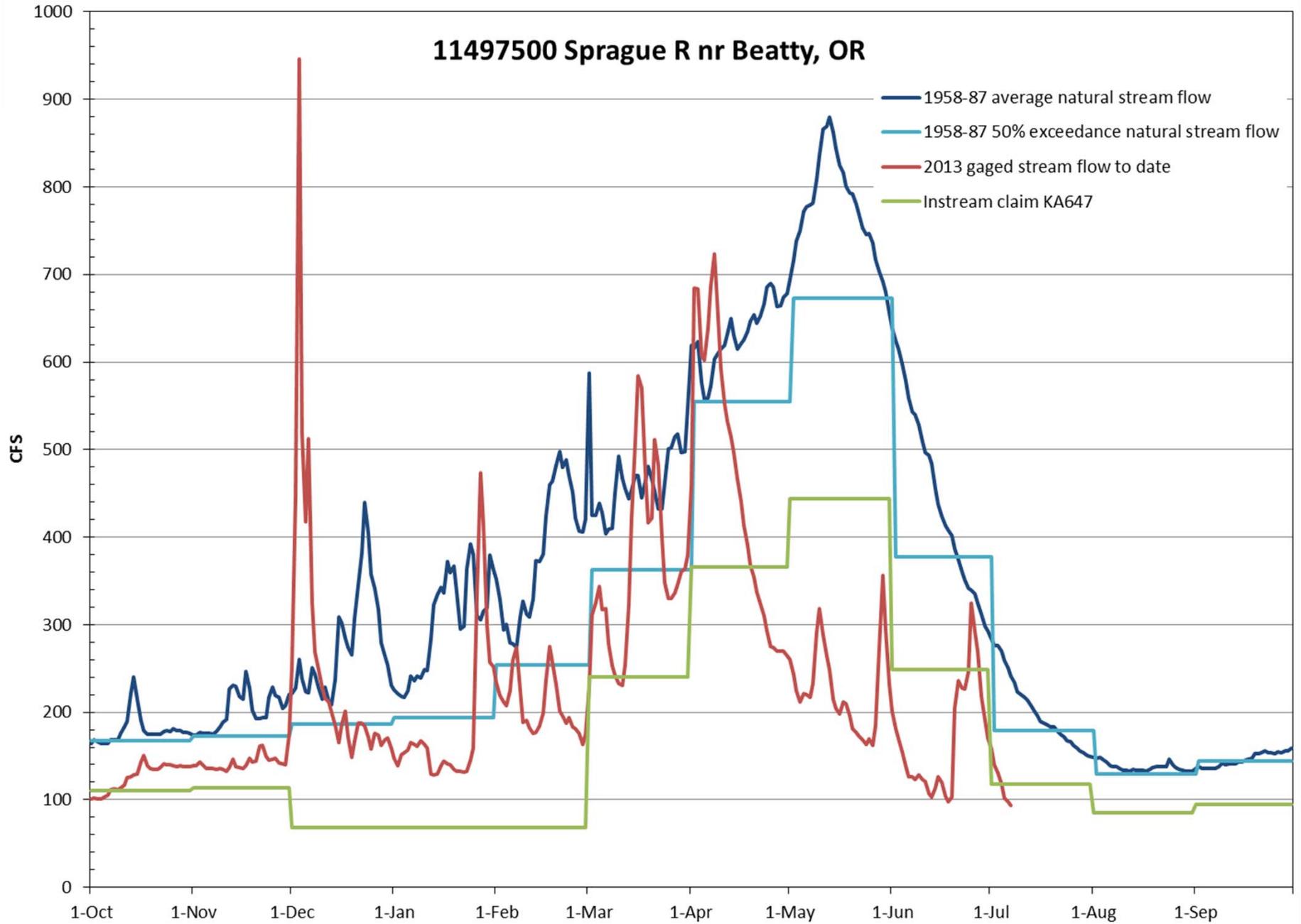


— 50% exceedance natural stream flow
— Instream claim KA668

11499100 Sycan R bl Snake Cr nr Beatty, OR



11497500 Sprague R nr Beatty, OR



2013 Klamath Basin Regulation Update

- 2013 is proving to be exceptionally dry in the Klamath Basin, with streamflows above Klamath Lake flowing at 30-50% of normal (pre-regulation).
- The Governor declared a drought for Klamath County April 18, 2013.
- On June 10, 2013, there were multiple calls on water for regulation. The calls came from National Fish and Wildlife Service, irrigation districts within the Klamath Project, the Bureau of Reclamation, and the Klamath Tribes.

2013 Klamath Basin Regulation Update

- Six Department staff and two managers were deployed to address the water regulation in the basin.
- After validating the calls, regulation of junior rights began on June 12th, addressing the Tribal calls for select instream water rights above the lake.
- The instream rights that were called included the Williamson River (2 calls), the Sprague River (2), the Sycan River, the Wood River, Crooked Cr, Fort Cr, Sand Cr and Scott Cr.

2013 Klamath Basin Regulation Update

- The instream rights on the upper tributaries of the Williamson were addressed first. This included the Sycan, and North and South Sprague River.
- Streamflows were so low to begin with that the regulation of all rights above the instream rights was necessary to meet the flow targets. This included regulating off 1864 rights in the Williamson system.

2013 Klamath Basin Regulation Update

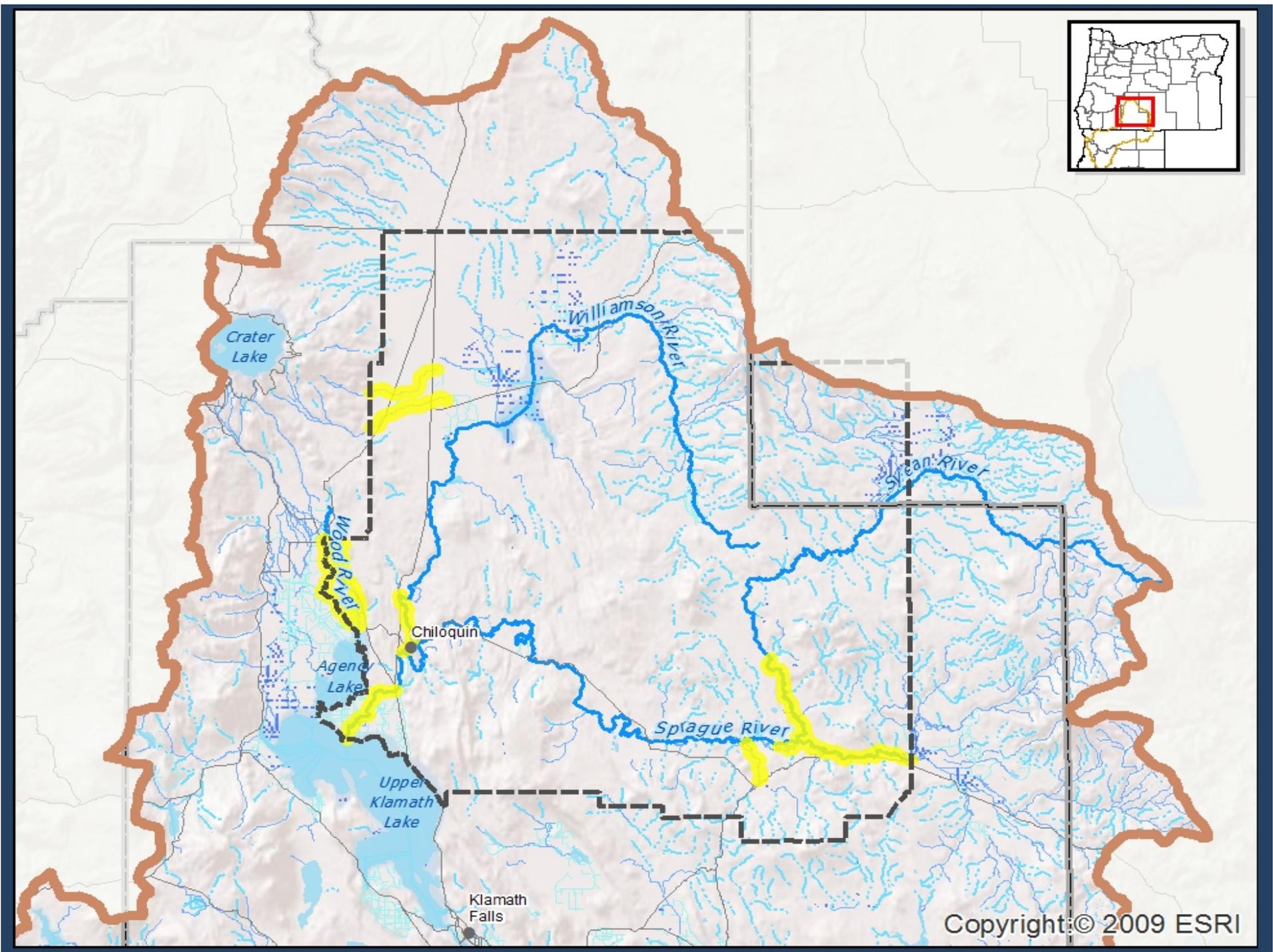
- All water rights on the Williamson River system have been regulated off with two exceptions. Stockwater is still allowed, and water rights above Kirk are still allowed to be exercised because of a hydrologic barrier (Kirk Reef).
- The watermaster teams are currently regulating the Wood River Valley. Flow measurements indicate that regulation may not be as deep on the Wood River, but will certainly be regulated back to 1905 to meet the call by the Klamath Project irrigators and BoR.

2013 Klamath Basin Regulation Update

- Upon completion of the Wood River Valley the Watermaster will proceed with regulation around Upper Klamath Lake turning off diversions junior to May 19, 1905 (Klamath Project priority).
- On July 1, 2013, the Water Resources Commission adopted temporary emergency rules for the Klamath Basin declaring the exercising of water rights for human consumption and stockwater to be allowed regardless of priority.

2013 Klamath Basin Regulation Update

- To date, it is estimated that roughly 300 irrigators in the Williamson/Sprague system have been notified of regulation.
- The instream water right at the mouth of the Williamson River remains unmet, being about 100 cfs short for the July target. Until this is met, water rights for the Williamson/Sprague system will remain off.



QUESTIONS AND DISCUSSION



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