

WOMT Notes

April 28, 2015 Meeting

1. General Information:

CVP

- *Trinity Release @ 600 cfs*
- *Keswick Release to upper Sacramento River @ 7,000 cfs*
- *Nimbus Release to lower American River @ 500 cfs today, @ 1,000 cfs tomorrow*
- *Goodwin Release to Stanislaus River @ 150 cfs*
- *Jones Pumping Plant @ 800 cfs*
- *X-channel Gates: Closed*
- *Federal Share of San Luis @ 380 TAF*

SWP

- *Oroville Release to Feather River @ 1,800 cfs*
- *Clifton Court Allotment @ 750 cfs*
- *State Share of San Luis @ 900 TAF*

Delta

- *Freeport Flow approx. 6,500 cfs*
- *Vernalis Flow approx. 500 cfs*
- *Delta Outflow approx. 6,700 cfs*

OMR (cfs) (as of 4/25/15):

- USGS:
 - 5-day: -1,650 cfs
 - 14-day: -1,710 cfs

- Index:
 - 5-day: -1,800 cfs
 - 14-day: -1,800 cfs

FISH UPDATES:

DOSS

No advice. DOSS estimates of the current distribution of listed Chinook, as a percentage of the population, are based on recent monitoring data and historical migration timing patterns. The table below reflects current distribution.

Location	Yet to Enter Delta (Upstream of Knights Landing)	In the Delta	Exited the Delta (Past Chipps Island)
<i>Young-of-year (YOY) winter-run Chinook salmon (<u>naturally produced</u>)</i>	>95% out of Delta; Generally done migrating with the exception of a few stragglers. (Last week: few stragglers upstream, 10% in the Delta, 90% exited the Delta)		
<i>YOY winter-run Chinook salmon (<u>hatchery-produced</u>)</i>	>95% out of Delta; Generally done migrating with the exception of a few stragglers. (Last week: few stragglers upstream, 10% in the Delta, 90% exited the Delta)		
<i>YOY spring-run Chinook salmon^A</i>	Few stragglers only to 5% (last week: same)	20% - 30% (last week: 40%)	70% - 80% (last week: 60%)
<i>Yearling spring-run Chinook salmon^B Hatchery steelhead^C</i>	>95% out of Delta; Generally done migrating with the exception of a few stragglers. (last week: same) >95% out of Delta; Generally done migrating with the exception of a few stragglers. (Last week: <5% upstream, <5% in the Delta, >95% exited the Delta)		
<i>Sacramento River steelhead (<u>naturally- produced</u>)</i>	Limited catch data		
<i>San Joaquin River steelhead^D</i>	<5% (last week: 5%)	10% - 15% (last week: 25%)	80% - 85% (last week: 70%)

^A Chipp Island Trawl data of spring-run is difficult to interpret now that the 75% unmarked fall-run productions are likely masking the wild spring-run Chinook catch.

^B No yearling spring-run Chinook salmon have been caught in 2014 monitoring. In general, very few yearling spring-run Chinook salmon are observed because of their relatively large size and strong swimming (and associated gear avoidance) abilities.

^C Difficult to assess now that all hatchery releases are in the system (CNFH, Feather River Fish Hatchery, and

Mokelumne Fish Hatchery released as usual; Nimbus Hatchery released their steelhead in the spring of 2014 because of expected unsuitable hatchery water temperatures during the summer of 2014). Percentages are intended to capture distribution of steelhead that migrate out; not those that may residualize.

^d Have observed a few juvenile steelhead in monitoring data. Distribution estimates are also based on 10 years of historical data from Mossdale Trawls (on the San Joaquin River) and RST data from Caswell Park (on the Stanislaus River), as well as on recent flow and water temperature conditions.

SWG

No advice, proposed project operations acceptable under present conditions for both Delta smelt and longfin smelt

NMFS – No determination needed.

USFWS – No determination at this time.

DFW – No determination.

SWRCB:

- **Division of Water Rights** – Nothing to report.
- **Office of Delta Watermaster** - It was noted by staff that Term 91 and Sacramento River curtailment notices will likely be sent out sometime this week.

WOMT Decisions - None