

## WOMT Notes

### April 21, 2015 Meeting

#### 1. General Information:

##### CVP

- *Trinity Release @ 300 cfs*
- *Keswick Release to upper Sacramento River @ 4,500 cfs today, 5000 cfs tomorrow and 5500 cfs Thursday*
- *Nimbus Release to lower American River @ 500 cfs*
- *Goodwin Release to Stanislaus River @ 350 cfs today, decreasing to 150 cfs by Thursday*
- *Jones Pumping Plant @ 950 cfs*
- *X-channel Gates: Closed*
- *Federal Share of San Luis @ 388 TAF*

##### SWP

- *Oroville Release to Feather River @ 1,300 cfs (holding for time being)*
- *Clifton Court Allotment @ 525 cfs*
- *State Share of San Luis @ 921 TAF*

##### Delta

- *Freeport Flow approx. 5,900 cfs*
- *Vernalis Flow approx. 1,000 cfs*
- *Delta Outflow approx. 3,900 cfs*

**OMR (cfs) (as of 4/18/15):**

- USGS:
  - 5-day: -1,760 cfs
  - 14-day: -1,690 cfs
  
- Index:
  - 5-day: -1,790 cfs
  - 14-day: -1,760 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(naturally produced)</i>	Few stragglers only (last week: Same)	10% (last week: 20%)	90% (last week: 80%)
<i>YOY winter-run Chinook salmon (hatchery-produced)</i>	Few stragglers only (last week: 0% - 5%)	10% (last week: 20%)	90% (last week: 80%)
<i>YOY spring-run Chinook salmon<sup>A</sup></i>	Few straggler to 5% (last week: 5%)	40% (last week: 50%)	60% (last week: 50%)
<i>Yearling spring-run Chinook salmon<sup>B</sup></i>	Few stragglers only (last week: same)	<5% (last week: 5%)	>95% (last week: 95%)
<i>Hatchery Steelhead<sup>C</sup></i>	<5% (last week: ~5% of all hatchery fish)	<5% (last week: 5% all hatchery fish)	>95% (last week: 90% all hatchery fish)
<i>Sacramento River steelhead (naturally- produced)</i>	Limited catch data		
<i>San Joaquin River steelhead<sup>D</sup></i>	5% (last week: 10%)	25% (last week: 40%)	70% (last week: 45% -50%)

<sup>A</sup> 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.

<sup>B</sup> 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.

<sup>C</sup> 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, 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** - Nothing to report.

**1. WOMT Decisions** - None