

WOMT Notes

May 31, 2016 Meeting

1. GENERAL INFORMATION:

CVP

- *Trinity River Pulse Flows – 3400 cfs; ongoing pulse flows*
- *Keswick Releases to upper Sacramento River @ 6,500 cfs, up to 7500 cfs on June 1, 8000 cfs on June 3*
- *Nimbus Releases to lower American River @ 4,000 cfs,*
- *Goodwin Release to Stanislaus River @ 650 cfs*
- *Jones Pumping Plant @ 800 cfs*
- *Delta Cross-Channel Gates: Closed*
- *Federal Share of San Luis @ 332 TAF*

SWP

- *Oroville Release to Feather River @ 2,500 cfs*
- *Clifton Court Allotment @ 700 cfs today; @ 1800 cfs tomorrow*
- *State Share of San Luis @ 356 TAF*

Delta

- *Freeport Flow @. 11,575 cfs*
- *Vernalis Flow @ 1,018 cfs*

- *Delta Outflow @ 9,178 cfs*
- *E/I Ratio 10 % (3 day average)*
- *Factor Constraining Operations : NMFS Bi Op Action IV.2.1 – I/E Ratio Export Limit during April through May*

OMR (cfs) (Not including CCWD Rock Slough exports):

- INDEX (as of 5/28/2016):
 - 2280 cfs (5 day avg.)
 - 2130 cfs (14 day avg.)
- USGS (as of 5/28/2016):
 - 2480 cfs (5 day avg.)
 - 2420 cfs (14 day avg.)

DOSS -

- DOSS met this morning (5/31/16), and provided no advice.
- DOSS notes are posted at: http://www.westcoast.fisheries.noaa.gov/central_valley/water_operations/ocapwy2016.html
- RPA Implementation
 - IV.1.2 (DCC ops):
 - DCC gates opened at 9am on Friday, 5/27 and will be closed at noon today, Tuesday, 5/31.
 - Gates may be operated from May 21 through June 15, with gates closed for up to 14 days during this period.
 - Through June 15, expectation is that gates will be opened at 9am on Fridays and closed at noon on Mondays. After June 15, the expectation is that the gates will remain open.
 - IV.2.3 (OMR management):
 - No triggers exceeded over past week
 - OMR limit of -5,000 cfs is in effect

- IV.2.1 (San Joaquin River I:E ratio):
 - Currently 2:1 ratio Vernalis flows to exports with a minimum of 1,500 cfs exports for human health and safety (Dry year classification as of April WY update).
 - Today, May 31, is last day of this action in WY 2016.
- Fish Monitoring Highlights
 - Did not have all Delta monitoring data available because of the Monday holiday.
 - Caught hundreds of salmonids (mainly wild FR) at the GCID RST over the past week, but no salmonids have been caught at Knights Landing since 5/15.
 - Knights Landing monitoring may end soon due to increasing water temperatures
 - Salvage (5/23-5/29):
 - One steelhead salvaged at the SWP.
 - No Chinook salvaged at either facility.
- Hatchery releases
 - On June 3-4, 2016, the Department of Fish and Wildlife will release approximately 815,000 brood year 2015 Mokelumne River Hatchery Fall Run Chinook into the Sherman Island Net Pens on the San Joaquin River.
- Fish Distribution Estimates (all distributions same as last week)
 - Estimate of young-of-year winter-run Chinook distribution: 0% upstream, ≤ 1% in the Delta, ≥ 99% exited the Delta.
 - Estimate of young-of-year spring-run Chinook distribution: <1% upstream, <1% in the Delta, ≥ 98 % exited the Delta.
 - Estimate of young-of-year hatchery winter-run Chinook distribution: <0% upstream, ≤1% in the Delta, >99% exited the Delta.
- Entrainment risks (all overall risks are same as last week)
 - Overall Entrainment into Interior Delta:
 - LOW for Sacramento River fish
 - LOW TO MEDIUM for San Joaquin River steelhead
 - Overall Entrainment into CVP/SWP Export Facilities:
 - OMR -2,500 cfs to -3,500 cfs:
 - LOW for Sacramento River fish
 - LOW for San Joaquin River steelhead
 - OMR -3,500 cfs to -5,000 cfs:
 - LOW for Sacramento River fish
 - LOW for San Joaquin River steelhead

SWG:

Delta Smelt – USFWS not able to attend; e-mail sent to M. Ford indicated met on Monday as usual and SWG notes were being drafted up, no other details available.

Longfin Smelt –. No LFS advice.

SWRCB:

Division of Water Rights – Term 91 curtailments triggered last Friday, notices start going out today.

Delta Watermaster's Office – Nothing else to report

REGULATORY AGENCY FINDINGS –

NMFS – No determination necessary.

USFWS – Per May 3, 2016 Memo from USFWS to Reclamation: OMR no more negative than -3000 cfs on a 14 day average remains in effect.

DFW – Nothing additional to report.

WOMT Decisions - None