

DAT notes for October 20, 2011

Attendees: Francine Mejia, Angela Llaban and Wenli Yin (DWR), Barb Byrne (NMFS), Lucinda Shih (CCWD), Geir Aasen and Julio Adib-Samii (DFG), RG Fernando and Owen Lu (MWD), Tom Boardman (SLDMWA), Leigh Bartoo and Craig Anderson (FWS)

Chinook Monitoring

Red Bluff Diversion Dam RST:

There are a lot of juvenile Chinook moving past Red Bluff. Numbers increased in mid-September with a peak >30,000. Between 9/24 and 10/7, the BY 2011 winter-run total passage was 315,290. Winter-run passage to date for BY 2011 is 473,104.

Winter-run passage compared to previous years is low.

Tisdale RST:

There were no Chinook or steelhead caught.

Knight's Landing RST:

The RST was set on 10/4/11. The first monitoring date was 10/6/11 but no fish were caught. Between Oct 10-17 a total of 5 winter-run Chinook were caught (36-43 mmfl).

Delta Monitoring

Salmonids - Trawl and Seine Report for 10/9/2011 to 10/15/2011				
Species*	Beach Seines	Mossdale KDTR	Sacramento KDTR	Chippis Is MWTR
CHNF				
CHNLF				
CHNW	1			
CHNS				
CHN hatchery				
SH wild				
SH hatchery				
*Chinook race based on length; CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS=Spring run, SH = Steelhead				

Smelts and Others - Trawl and Seine Report for 10/9/2011 to 10/15/2011				
Species	Beach Seines	Mossdale KDTR	Sacramento KDTR	Chippis Is MWTR
DSM				64 (41-72 mm)
LFS				
SPLT	4			1
DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail				

Salvage

No listed species were salvaged at either facility between 10/1/2011 and 10/16/2011. White sturgeon were salvaged at the federal facility (weekly salvage=20).

Salvage data reporting will change from a weekly to daily basis as soon as listed species are observed at the facilities. Salvage data will be provided to the DAT and DOSS groups. The DFG salvage FTP site will also be updated daily.

Smelt Monitoring

The Fall Midwater Trawl (FMWT) is complete for September; 100 index stations and 22 non-index stations were sampled. The September Delta smelt abundance index is 50 (42 DSM total catch, size ranged from 37-85 mm TL), which is an increase from 2010. Delta smelt were collected in 13 stations located in Carquinez Strait, Suisun Bay, Honker Bay, the Confluence and in Cache Slough. The September longfin smelt index is 68, which is an increase from 2010.

The October FMWT was conducted Oct 3-14. Data is being processed and the October abundance indices should be available by mid-November.

Smelt Working Group

The group will meet in November.

DOSS

Action IV.1.2 for the DCC gate operation is currently in place. DOSS evaluated monitoring data and noted that while a few winter-run Chinook were caught at Knights Landing, the Knights Landing Catch Index was not high enough to trigger DCC gate closure. DOSS provided no advice to NMFS and WOMT.

Operations

Summary for October 20, 2011			
SWP		CVP	
Clifton Court (cfs)	6,680	Jones Pumping Plant (cfs)	4,200
Outflow (cfs)	8,100	American - Nimbus (cfs)	4,000
Feather - Oroville (cfs)	2,300	Sacramento - Keswick (cfs)	6,900
San Luis Total (TAF)	1,643	Stanislaus - Goodwin (cfs)	
San Luis Share (TAF)	945	San Luis Share (TAF)	
X2 (Km)	73		
E/I (%)	41.0%		
OMR (daily)			
OMR 5 day (cfs)			
OMR 14 day (cfs)			

Reported outflow is based on the Net Delta Outflow Index (NDOI). Daily operations summary can be viewed at: <http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>

Next meeting: Thursday, November 17, 2011 at 11:00am