

**Draft DAT notes for June 21, 2012**

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**Salmonid Monitoring**

Species*	Red Bluff Diversion Dam RST	Tisdale Weir RST	Knights Landing RST
<b>Date</b>	6/3/12-6/16/12	6/15/12-6/18/12	6/14/12-6/18/12
<b>CHNF</b>	145,064		
<b>CHNLF</b>	3,418		
<b>CHNW</b>			
<b>CHNS</b>			
<b>CHN hatchery</b>			
<b>SH wild</b>	7,956		
<b>SH hatchery</b>			
*Chinook race based on length; CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS=Spring run, SH = Steelhead			

A summary of salmonid monitoring data can be found at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>.

**Delta Monitoring**

<b>Trawl and Seine Report for 6/10/12 to 6/16/12</b>				
Species*	Beach Seines	Mossdale KDTR**	Sacramento KDTR	Chippis Is MWTR
<b>CHNF</b>	1	4	8	18
<b>CHNLF</b>				
<b>CHNW</b>				
<b>CHNS</b>				
<b>CHN hatchery</b>				2
<b>SH wild</b>				
<b>SH hatchery</b>				
<b>DSM</b>				12 (no expression)
<b>LFS</b>				
<b>SPLT</b>	266	17		
*Chinook race based on length; CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS=Spring run, SH = Steelhead, DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail				

\*\* From April through June, Mossdale trawls are being conducted by DFG (Region 4) and not by FWS.

## Salvage

Salmonids - Salvage report for 6/11/12 to 6/17/12								
Species	CVP				SWP			
	Adipose Clip Hatchery		Non-Adipose Clip Wild		Adipose Clip Hatchery		Non-Adipose Clip Wild	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF			8	6			14	65
<b>Total to Date</b>	40	26	456	318	20	91	438	1,958
CHNLF								
<b>Total to Date</b>	25	20	20	14				
CHNW								
<b>Total to Date</b>	227	175	453	377	233	1,035	388	1,702
CHNS								
<b>Total to Date</b>	96	63	618	495	46	226	445	1,900
SH								
<b>Total to Date</b>	401	273	89	61	196	849	243	1,052
Chinook race based on length; Adipose fin clips indicates hatchery stock; Non-adipose clip indicates natural origin. SWP steelhead loss = salvage x 4.33, CVP steelhead loss = salvage x 0.68.								

Smelts and Others – Salvage report for 6/11/12 to 6/17/12				
Species	CVP		SWP	
	Salvage	Total to Date	Salvage	Total to Date
DSM*	11.5	338.5	70	1,979
LFS**		898		2,842
SPLT		248	2	3,886
GST				
WST		64	12	12
DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail, GST=Green sturgeon, WST=White sturgeon				

One Chinook was salvaged at the federal facility yesterday (6/20). Salvage of Chinook and Delta smelt has decreased at both facilities.

\*Larval Delta smelt < 20 mm FL were reported in larval fish samples from 6/11/2012 to 6/17/2012 at the federal facility and from 0300 hours on 6/8/2012 to 0300 hours on 6/14/2012 at the state facility.

\*\*No larval longfin smelt < 20 mm FL were reported in larval fish samples from 6/11/2012 to 6/17/2012 at the federal facility and from 0300 hours on 6/8/2012 to 0300 hours on 6/14/2012 at the state facility.

Salvage information is posted at <ftp://ftp.dfg.ca.gov/salvage/> (you can also try <http://www.dfg.ca.gov/delta/apps/salvage/Default.aspx> and click on "salvage FTP site"). Chinook salmon, steelhead, and sturgeon salvage data are located in the tables under the folder "DOSS salvage tables." Smelt salvage data are located under the folder "Daily Smelt Summary."

## Smelt Monitoring

The 20mm Survey 7 was in the field from June 4 to 7. Data processing is on-going and as of June 18, 115 out of 141 samples have been processed. There were 248 longfin smelt caught (17-45mm, average 29mm). Most of the longfin smelt distribution was downstream of the confluence.

There was a total of 298 Delta smelt caught (8-40mm, average 19mm). Of this total, 37 Delta smelt were caught in the South and Central Delta, 209 in the Sacramento River, and 52 at the confluence and downstream.

The 20mm Survey 8 is in the field this week.

The latest survey updates can be found at <http://www.dfg.ca.gov/delta/data/>.

### **Smelt Working Group (SWG)**

The SWG did not make any recommendations for a change in operations. Current operations adequately protect smelt from entrainment. The SWG will meet again on Monday, June 25.

The RPA for Action 3 will continue until June 30 unless the temperature off ramp is met. The SWG is monitoring daily average temperature in Clifton Court Forebay. There has not been 3 consecutive days of 25°C. Therefore, Action 3 is still in place.

The temperature in Clifton Court Forebay was 24.8°C on June 19. There was a question regarding how much difference 1/5<sup>th</sup> of a degree would make when monitoring for the temperature off ramp. No clear response was given during the call. The SWG will review temperature data and discuss the temperature off ramp at the next meeting on June 25.

SWG notes are posted at <http://www.fws.gov/sfbaydelta/OCAP/index.cfm>.

### **DOSS**

DOSS is on summer break. Members will continue to work on the annual report for the annual review in the fall.

DOSS notes are posted at <http://www.swr.noaa.gov/ocap/doss.htm>.

### **Operations**

<b>Summary for June 21, 2012</b>			
<b>SWP</b>		<b>CVP</b>	
<b>Clifton Court (cfs)</b>	1,000	<b>Jones Pumping Plant (cfs)</b>	1,600
<b>Outflow (cfs)</b>	10,300	<b>American - Nimbus (cfs)</b>	4,000
<b>Feather - Oroville (cfs)</b>	5,000	<b>Sacramento - Keswick (cfs)</b>	12,500
<b>San Luis Total (TAF)</b>	998	<b>Stanislaus - Goodwin (cfs)</b>	
<b>San Luis Share (TAF)</b>	645	<b>San Luis Share (TAF)</b>	
<b>X2 (Km)</b>	>81		
<b>E/I (%)</b>	14.9		
<b>OMR (daily)</b>			
<b>OMR 5 day (cfs)</b>	-3,279		
<b>OMR 14 day (cfs)</b>	-3,629		

The Jones Pumping Plant is currently at 2 units. Starting tomorrow, Jones will increase to 3 units (~2,400 cfs) and Clifton Court allotment will increase to ~1,500 cfs.

Oroville releases will likely remain at 5,000 cfs. Keswick releases are scheduled to increase to 14,500 cfs.

Currently, the Interior Delta water quality standards (D-1641) are controlling operations. The projects are managing exports to meet the 14-day running average of mean the daily EC (mmhos/cm) criteria for the

Sacramento River at Emmaton and the San Joaquin River at Jersey Point. The projects will increase exports slightly to gauge how EC in the Interior Delta responds.

The Delta Cross Channel gates are currently closed for repairs. The gates are anticipated to open soon. The opening of the Delta Cross Channel gates is expected to help with water quality by allowing Sacramento River water to enter the Interior Delta and improving salinity.

Daily operations summary can be viewed at  
<http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>.

The next CALFED Ops meeting is scheduled for June 27, 2012 at 1:00pm. For more information, please visit <http://www.water.ca.gov/swp/operationscontrol/calfed/index.cfm>

**Next meeting:** DAT is taking a break for the summer and will resume conference calls in October 2012.