

DAT notes for 23 December 2010

Attendees: Cynthia LeDoux-Bloom (DWR), Jonathan Speegle (USFWS), Geir Aasen (DFG), Bruce Oppenheim (NOAA), Shing Kong (CCWD), Roger Guinee (USFWS) and Jim Snow (WWD)

Red Bluff

Older juvenile passage has decreased. Fry/smolt passage (BY10 Fall+Spring) increased and peaked at 40, 917 on Dec 12/16/10. Total passage up until 12/16: BY10 Fall – 96,227; BY 10 LFall – 178, 427; BY10 Winter – 1,259,240; BY10 Spring – 66,314; BY 10 Steelhead – 101, 732

Mill and Deer Creeks

No update. DFG will resume fishing after Jan 3 as time permits.

Knight's Landing

Flows increased (19,000-24,000cfs). Pulse of fish on Sat 12/18: CHNW+ CHNLF CPUE = 32.96 and CHNF+CHNS CPUE = 21.40. Another large pulse of fish on Tue 12/21: CHNW+ CHNLF CPUE = 7 and CHNF+ CHNS CPUE = 56.5.

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

Hatchery releases

CHNS smolt surrogate group n= 76,171 were released upstream from Battle Creek from Coleman NFH on Dec 21 (92-193 mm, avg. 145mm). Adipose clipped salmon have been collected in traps at Knight's Landing, Sacramento and in the Chipps Island trawl at the CVP. These are most likely from the Coleman CHNLF production release. Coleman NFH (production and spring surrogates) are being monitored for incidental take at the pumps.

USFWS Trawl/seine

Dec 12 - Dec 18:

Beach Seines 264 CHNF, 49 CHNS, 5 CHNL, 42 CHNW, & 1 CHNT

Mossdale KDTR, No species of concern

Sacramento KDTR: 11 CHNF, 1 CHNS, 4 CHNW, 3 CHNT

Chipps Island MWTR: 2 CHNL, 11 CHN, 41 LFS & 40 DSM

DFG FMWT (Julio Adib-Samii)

The 2010 Annual Fall Mid-Water Trawl (FMWT) index of relative abundance for delta smelt has been posted to <http://www.dfg.ca.gov/delta/data/fmwt/charts.asp>. It is 29 (the 5th lowest on record). Monthly indices are posted as well. The December FMWT collected delta smelt in the Cache Slough complex and at the confluence area.

The 2010 USFWS Delta Smelt Recovery Index has been posted to

http://www.fws.gov/sfbaydelta/documents/USFWS_Delta_Smelt_Recovery_Index_67-2010.pdf.

The CDFG Spring Kodiak Trawl is scheduled to begin Survey 1 on 1/10/11; the CDFG Smelt Larva Survey is scheduled to begin Survey 1 on 1/17/11.

Salvage (Geir Aasen)

Dec 13th-19th

Weekly Summary: CHNF was zero at both the CVP and SWP facilities. CHNLF non-clipped salvage and loss were 4 and 3 at the CVP. CHNW salvage and loss were 16 and 9 at the CVP and zero at the SWP.

The seasonal (10/1/2010 to present) salvage totals: CHNF=12, CHNLF =144, CHNW= 1, CHNS =0, for a total of 267 at the CVP. No Chinook salmon have been salvaged at the SWP facility for this water year. No other listed species were salvaged at either facility for the period of reporting.

Week of December 13 th - December 19 th								
Species	CVP Adipose Clip		CVP Non-Adipose Clip		SWP Adipose Clip		SWP Non-Adipose Clip	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF	0	0	0	0	0	0	0	0
Total to Date	0	0	12	8	0	0	0	0
CHNLF	0	0	144	94	0	0	0	0
Total to Date	0	0	144	94	0	0	0	0
CHNW	0	0	1	1	0	0	0	0
Total to Date	0	0	111	69	0	0	0	0
CHNS	0	0	0	0	0	0	0	0
Total to Date	0	0	0	0	0	0	0	0
CHNT	0	0	0	0	0	0	0	0
Total to Date	0	0	0	0	0	0	0	0
Sum of all Races to Date	0	0	267	171	0	0	0	0
SH	0	0	0	0	0	0	2	0
Total to Date	0	0	0	0	0	0	6	0

Operations

SWP

Clifton Court inflow 7530 cfs
 Oroville releases 1750 cfs
 E/I is at 19.1% (14-day average)
 X2 position is 58 km

CVP

Sac releases not reported
 American River (Nimbus) releases are 15,000 cfs
 Keswick is 1750 cfs.
 Tracy is pumping 4100 cfs
 Tuolumne not reported

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

The next DAT call is scheduled for Thursday, December 30, at 11:00 am. Call in number will be 916-657-4111.

Respectfully submitted,
 Cynthia LeDoux-Bloom & Angela Llaban