

## Summary of DAT Conference Call 12/11/2007

Participants: EChappell(DWR), JSpeegle(FWS),  
JWhite(DFG), AChu(DWR), JSnow(WWD),  
LBartoo(FWS), BOppenheim(NOAA),  
TBoardman(SLDMWA), TWashburn(BR),  
THinojosa(DWR), RShahcheraghi(DWR), JAdib-  
Samii(DFG), LShih(CCWD), KTotzke(KCWA),  
ADVorak(SWC), BFujimura(DFG)

### Conclusions and Recommendation

According to the Chinook Salmon Decision Process, the salmon biologists will recommend closing the DCC gates starting December 15<sup>th</sup> for the protection of winter and spring-run Chinook unless there is a water quality issue. At this time the salmon biologists are recommending closing the DCC gates on December 14<sup>th</sup> or December 15<sup>th</sup> to protect both winter and spring-run Chinook.

DFG is conducting the December FMWT survey. So far seven delta smelt have been caught around Suisun Bay and Honker Bay.

The DAT call that would normally fall on December 25<sup>th</sup> has been moved to December 26<sup>th</sup> from 9:00 am to 11:00 am. The phone number will be the same, 916/657-4111. The DAT call that would normally fall on January 1<sup>st</sup> has been moved to January 2<sup>nd</sup> from 9:00 am to 11:00 am. The phone number will also be the same, 916/657-4111.

**Next DAT Conference Call Tuesday, 12/18/2007, 9:00 am - 11:00 am. 916/657-4111.**

### Chinook Monitoring

Upper Sacramento River

Red Bluff Diversion Dam – Winter-run passage increased with the recent rain event averaging 3,660 per day. The catch peaked on December 8<sup>th</sup>. So far passage this season is 1.43 million.

Late fall Chinook passage averaged 498 per day. Spring Chinook passage increased averaging 7,045 per day as did fall Chinook passage which averaged 3,274 per day. Steelhead passage remains low

averaging 17 per day. Flows at Bend Bridge peaked around 9,050cfs on December 8<sup>th</sup> and dropped back down to 6,530cfs on December 9<sup>th</sup>.

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at [http://baydelta.ca.gov/Php/Special\\_Reports/red\\_bluff.php](http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php).

Mill Creek – The catch increased with the rain events. DFG caught 345 yearling spring-run and 38 steelhead. The spring-run catch ranged from 3 to 155 per trap day. The flows increased to 450cfs on Tuesday, 12/4 and increased to 240cfs with the second rain event. Flows have dropped back down to 129cfs.

Deer Creek – DFG will install the rotary screw trap once the flows increase. The flows did increase to 205cfs with the recent rain event but were not sustained. Flows have dropped back down to 92cfs.

Butte Creek – In the last week DFG caught 4 fry and 5 older juvenile Chinook in the Diversion trap. Flows are low so the trap is not fishing efficiently.

GCID – The catch of older juvenile Chinook ranged from 3 to 30 per day. The catch of fry Chinook ranged from 2 to 39 per day. The catch of adclipped Chinook decreased ranging from 1 to 26 per day.

Knights Landing – DFG caught one older juvenile Chinook last week. Yesterday, 12/10, they caught one older juvenile Chinook and two adclipped Chinook.

#### Delta Monitoring

In the last week, FWS caught five older juvenile Chinook and one splittail in the Chipps Island trawl. They did not catch any delta smelt or steelhead.

Sacramento Kodiak Trawl - 3 sample days, 30 samples. No species of interest.

Lower Sacramento River seine – 1 sample day, 3 samples. No species of interest.

Sacramento Area seine – 3 sample days, 21 samples. No species of interest.

North Delta seine - 1 sample day, 7 samples. No species of interest.

Central Delta seine - 1 sample day, 7 samples. No species of interest.

South Delta seine - 1 sample day, 4 samples. No species of interest.

Mossdale Kodiak Trawl - 3 sample days, 30 samples. No species of interest.

San Joaquin River seine - 1 sample day, 5 samples. No species of interest.

Chippis Island Midwater Trawl - 4 sample days, 50 samples. FWS caught five older juvenile Chinook and one splittail.

Bay seine - 1 sample day, 4 samples. No species of interest.

Delta Action 8 – DA-8 started last week with the final CWT release made on Friday 12/7. The DA-8 protocol specifies the DCC gates to be open until December 15<sup>th</sup>, if possible.

#### Delta Smelt Monitoring

FMWT – DFG started the December survey on December 4<sup>th</sup> and it will run through December 14<sup>th</sup>. So far, DFG has caught one delta smelt in Honker Bay, one in Suisun Bay, and five in the west end of Montezuma Slough. The size ranged from 60 to 74mm. The December FMWT index will be available at the end of the month. The indices for the September, October, and November surveys are posted at <http://www.delta.dfg.ca.gov/data/mwt/>.

Turbidity Stations – The daily turbidity data for the three stations listed in the draft order is available on CDEC (<http://cdec.water.ca.gov/>). The stations are Prisoner's Point (PPT), Victoria Canal (VCU), and Holland Tract (HOL). The draft order proposed a trigger if the turbidity exceeds 12ntu at any of those three stations. The final order from the judge has not been released yet.

## Salvage Facilities –

Chinook – None.

Steelhead – None.

Delta smelt – None.

Splittail – None.

Longfin smelt - None.

Sturgeon – SWP salvaged 3 white sturgeon for a season total of 18.

The DFG Salvage Database is available on the DFG ftp site (<ftp://ftp.delta.dfg.ca.gov/salvage/>).

## Operations

### SWP -

CCFB – 4,500cfs.

Oroville – 1,850cfs.

X2 - > 81 km.

E/I - 3-day ~55%

San Luis - ~590taf. SWP share of San Luis capacity is 1,062 taf.

EWA - Preliminary debt estimates as of the end of October are in the range of 40 to 60taf for SWP and approximately 20 to 30taf for CVP. DWR continues to finalize the numbers. The projected debt for the end of the year is approximately 40 to 50taf for SWP and approximately 5 to 10taf for CVP.

### CVP -

Tracy PP – 4,300cfs.

DCC - open. The BR will put out an order to close the DCC gates on either December 14<sup>th</sup> or December 15<sup>th</sup> as requested by the salmon biologists.

Trinity - 300cfs.

Clear Creek - 200cfs.

Keswick – 4,500cfs.

Nimbus – 1,135cfs.

Goodwin – 280cfs.

San Luis - 548taf. CVP share of San Luis capacity is 966 taf.

#### Flows

Sacramento River at Freeport ~ 13,900cfs.  
Fremont Weir ~ 0.  
San Joaquin River at Vernalis ~ 1,479cfs.  
Delta Outflow ~ 10,700cfs. The 7-day average is 7,800cfs.

#### Delta Water Quality

The Delta is in balanced conditions. Water quality is okay. The operators will continue to monitor water quality closely once the DCC gates are closed.

#### December Water Quality Standards –

Delta Outflow – monthly average  $\geq$  4,500cfs, 7-day average  $\geq$  3,500cfs.

Delta Cross Channel – The gates may be closed for up to 45 days for the protection of Chinook between November 1<sup>st</sup> and January 31<sup>st</sup>.

E/I Ratio – 65%

Rio Vista – monthly average  $\geq$  4,500cfs, 7-day average  $\geq$  3,500cfs.

Contra Costa Canal – CI  $\leq$  250 mg/L. In addition, CI  $\leq$  150 mg/L for 165 days per year. This portion of the standard has been met for the year.

South Delta – 30-day average EC  $\leq$  1.0.

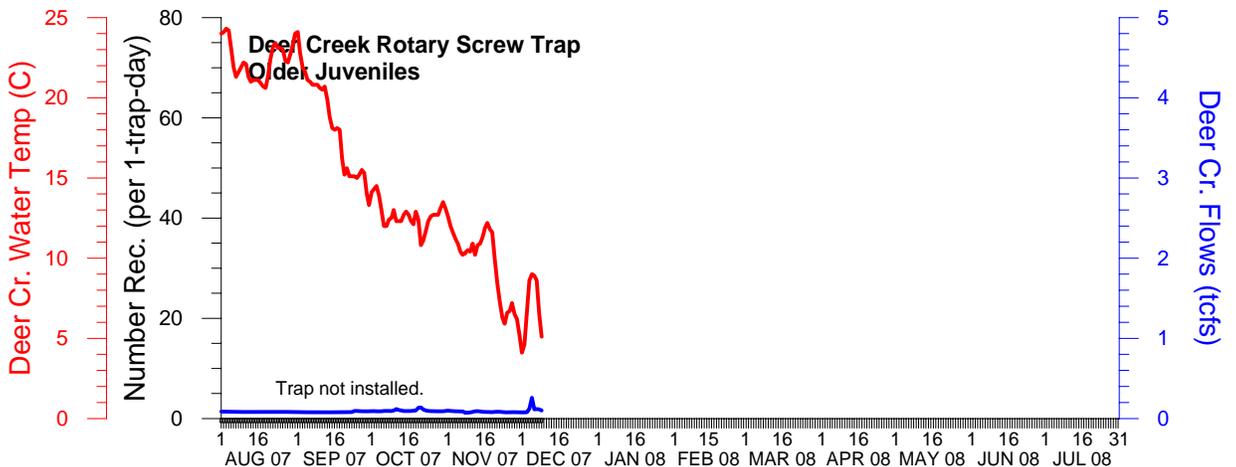
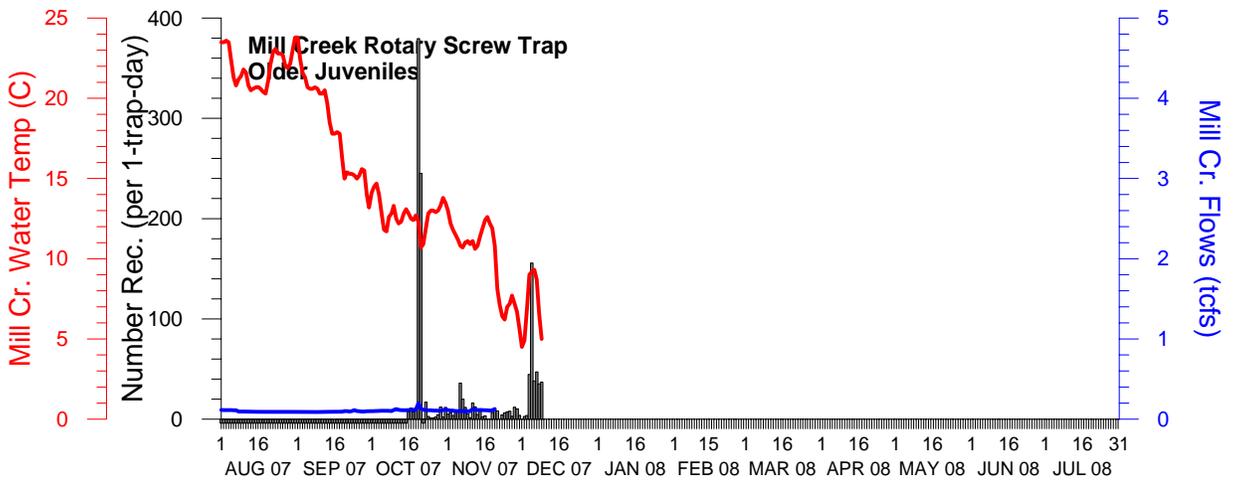
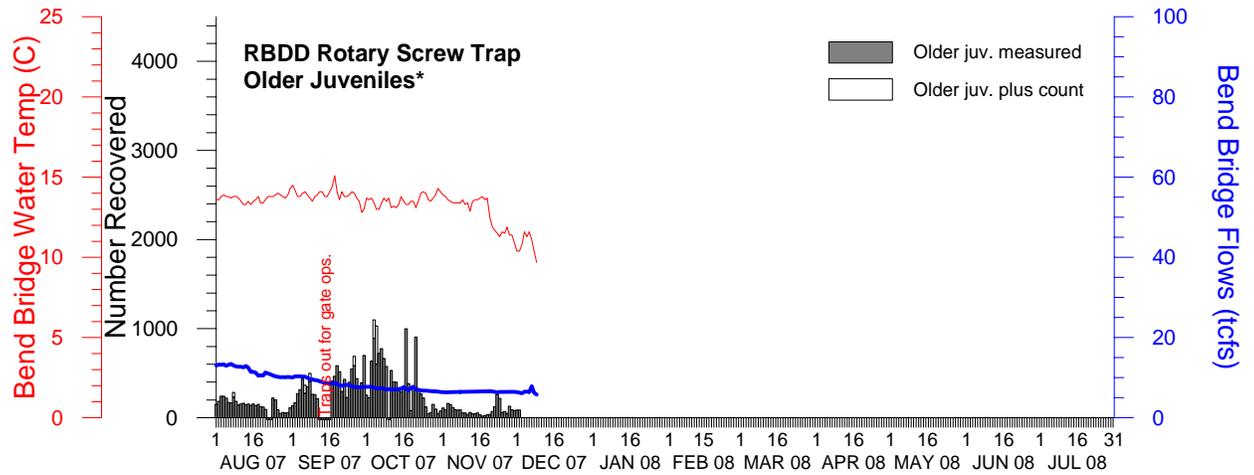
Suisun Marsh -  $\leq$ 15.5mS/cm.

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>.

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# NUMBER OF JUVENILE CHINOOK MEASURED IN THE UPPER SACRAMENTO RIVER & TRIBUTARIES

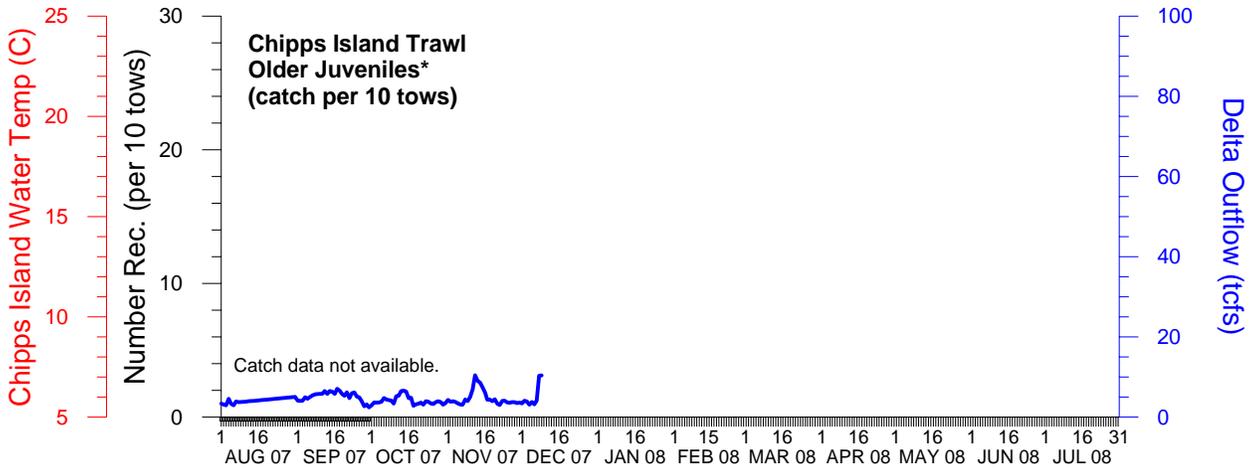
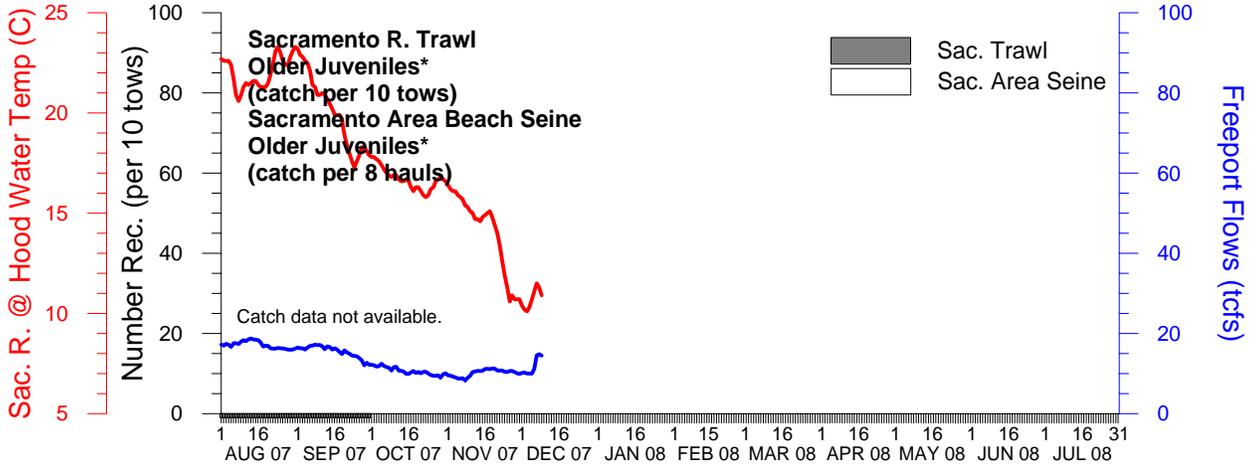
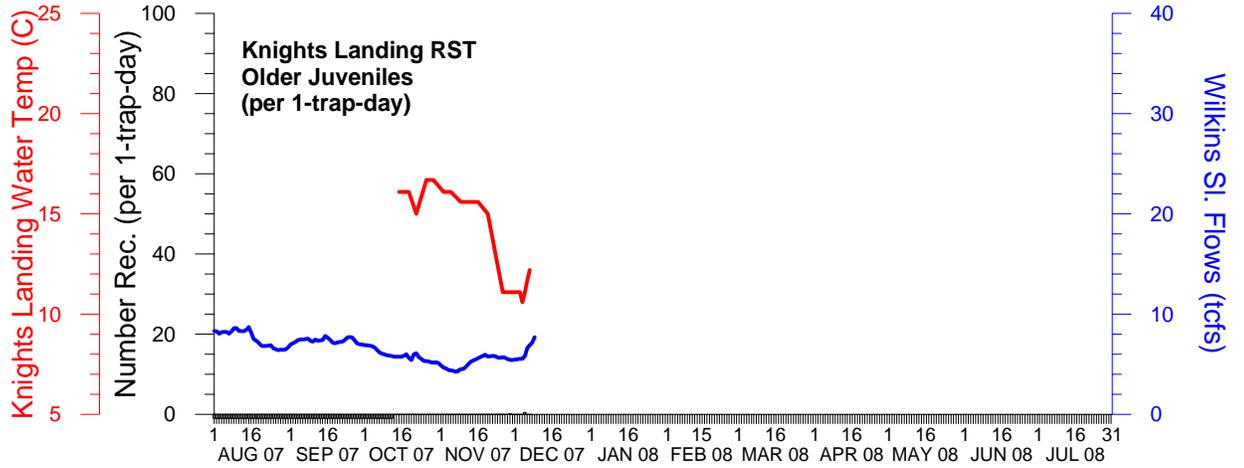


DWR-DES 10 DEC 2007

Preliminary, subject to revision

\*Older juveniles defined as all Chinook above the minimum winter run length line (Frank Fisher model)

# NUMBER OF JUVENILE CHINOOK MEASURED IN THE SACRAMENTO RIVER & DELTA



DWR-DES 10 DEC 2007  
Preliminary, subject to revision  
\*Plus counts not included

## **Data Acquisition:**

All the data is preliminary and subject to revision.

The catch data for RBDD, Sacramento River Trawl, Sacramento Area Beach Seine, and Chipps Island were obtained from the BDAT website: <http://baydelta.ca.gov> .

The catch data for Mill and Deer creeks were obtained directly from DFG, Red Bluff Juvenile Salmon Monitoring Project.

The catch data for Knights Landing were obtained directly from DFG, Native Anadromous Fish & Watershed Branch.

The hydrology data were obtained from either the CDEC or BDAT websites: <http://cdec.water.ca.gov> or <http://baydelta.ca.gov>.

## **Project Offices:**

Mill Creek - DFG, Red Bluff Juvenile Salmon Monitoring Project

Deer Creek - DFG, Red Bluff Juvenile Salmon Monitoring Project

RBDD - USFWS, Red Bluff Fish & Wildlife Office

Knights Landing - DFG, Native Anadromous Fish & Watershed Branch

Sacramento Trawl - USFWS, Stockton Office Juvenile Salmon Monitoring

Sacramento Area Beach Seine - USFWS, Stockton Office Juvenile Salmon Monitoring Project

Chipps Island Trawl - USFWS, Stockton Office Juvenile Salmon Monitoring Project