

Summary of DAT Conference Call 2/3/2009

Participants: SGreene(DWR),LBartoo(FWS),
EGleason(DFG), GAasen(DFG), IShih(CCWD),
SKong(CCWD), TBoardman(SLDMWA), JSnow(WWD),
RSitts(MWD), MFord(DWR), MMorrow(DWR),
ADvorak(SWCA), FCarillo(FWS), RSilva(BR), AChu(DWR),
LKimm(KCWA), BFujimura(DFG), LTran(DWR),
JWhite(DWR), JSpeegle(FWS)

Conclusions and Recommendation

NMFS completed the Juvenile Production Estimate process, including this year's take levels for the Delta export facilities. The 1% level of concern is 6,178, and the 2% take level is 12,356.

The third smelt larval survey started Monday, 2/2, and the second spring Kodiak survey is scheduled to start next Monday, 2/9.

No operational changes were recommended at this time.

Next DAT Conference Call Tuesday, 2/10/2009, 9:00 am - 11:00 pm. 916/657-4111.

Chinook Monitoring

Upper Sacramento River

Red Bluff Diversion Dam -

Juvenile winter run passage averaged 76/day for the past two week. There was a little rain on 1/25/09, causing the turbidity to increase and a large increase in catch on 1/26.

Young of the year passage averaged 79,029/day; and again the high number was on 1/26/09 during the turbidity event. No steelhead.

FWS caught 1,869 hatchery winter run from the Livingston Stone releases on 1/23 and 1/29. And they caught 749 hatchery steelhead from the Coleman releases.

Red Bluff flow averaged about 4,473 cfs and the water is clear.

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php

Mill Creek – DFG caught 57 fry, 5 yearling Chinook and 1 steelhead last week. Flow steadily decreased from the last rain event; to about 125 cfs.

Deer Creek – DFG caught 20 fry and 3 yearling Chinook last week; no steelhead. Flow decreased steadily from the last rain event; to about 130 cfs.

Butte Creek – no report

GCID – DFG caught about 140 fry/day in the last few days. They also caught several hundred ad-clipped Chinook the last few days. Based on their length, the ad-clipped Chinook could be from the winter run hatchery release at the end of last week.

Knights Landing – DFG caught 16 older and 308 fry/smolt juvenile Chinook last week, and the first non-clipped steelhead of the season. They also caught 18 ad-clipped Chinook and 14 ad-clipped steelhead. Flow steadily decreased since the last rain event and ended up at about 6,200 cfs.

Delta Monitoring

FWS caught 1 older, 1 young of the year Chinook, and 11 ad-clipped steelhead in the Sacramento trawl last week.

At Chipps Island, they caught 10 ad-clipped Chinook, 1 adult longfin and 3 adult delta smelt.

In the seines, they caught 4 older Chinook in the Lower Sacramento seines and 3 in the north Delta seines.

Delta Smelt Monitoring

The final results of the second larval smelt survey are complete. There were a total of 1,183 longfin smelt, Delta-wide, at 29 stations. Of the 12 2084 criteria stations, DFG caught longfin smelt larvae at 9 of the stations, exceeding the criterion. There was one delta smelt at station 606 in Montezuma Slough, but it was an adult. Survey 3# is started Monday, 2/2/09. The results should be available early next

week.

<http://www.delta.dfg.ca.gov/data/skt/DisplayMaps.asp>

Spring Kodiak trawl survey #2 is scheduled to start next week, 2/9/09.

http://www.delta.dfg.ca.gov/data/sls/CPUE_map.asp.

Salvage Facilities

Chinook – 1 ad-clipped Chinook was salvaged at the CVP last week for a loss of 1. There were none at the SWP. The season total of non-clipped Chinook in the winter run length range is 27, and the season total of ad-clipped Chinook is 34.

Steelhead – The season total of non-clipped steelhead salvage is 15, and clipped steelhead salvage is 9; all at the SWP.

Delta smelt – None

Splittail – None

Longfin smelt - None

Green Sturgeon – None

The DFG Salvage Database can be accessed at this web site: www.delta.dfg.ca.gov/data/salvage/

Operations

SWP -

CCFB – 1,000 cfs

Oroville - 950 cfs

X2 - > 81 km, the actual value is 84 therefore operations is watching it.

E/I – 14-day 17.0%

San Luis - ~394 taf, capacity is 1.062 taf

CVP -

Jones PP – 1,000 cfs

DCC - closed

Trinity – 300 cfs

Clear Creek – 200 cfs

Keswick – 3,250 cfs

Nimbus – 800 cfs

Goodwin – 165 cfs

San Luis - 311 taf. Capacity is 966 taf

Flows

Sacramento River at Freeport ~ 9,300 cfs

San Joaquin River at Vernalis ~ 1,200 cfs
Delta Outflow ~ 8,000 cfs, 3-day average 8,500 cfs
OMR 14-day average -2,373 cfs, 5-day average is
-2,009 cfs

Delta Water Quality

Salinity in the Delta is borderline, but freshening at Jersey Point. Jersey Point EC = 0.9; Bacon Island EC = .78; Holland Tract EC = .8. South Delta EC is about 1.

The 3-day average turbidity at Prisoners Point as of 1/30 = 4.68 NTU, at Holland Cut as of 2/2 = 3.78 NTU, and at Victoria Canal as of 2/2 = 3.26 NTU.

February Quality Standards –

Habitat Protection - Meeting Collinsville objective for the entire month of February and Chipps Island objective will be determined once the official January Eight River Index is published.

Delta Cross Channel – Closed

E/I Ratio – 45% (Projected)

Contra Costa Canal – CI \leq 250 mg/L. In addition, CI \leq 150 mg/L for 165 days per calendar year based on Dry Year Classification.

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

Western Suisun Marsh - \leq 15.6 mS/cm.

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 1st and January 31st.

E/I Ratio – 35%

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 was met in 2008 and started again January 1, 2009.

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

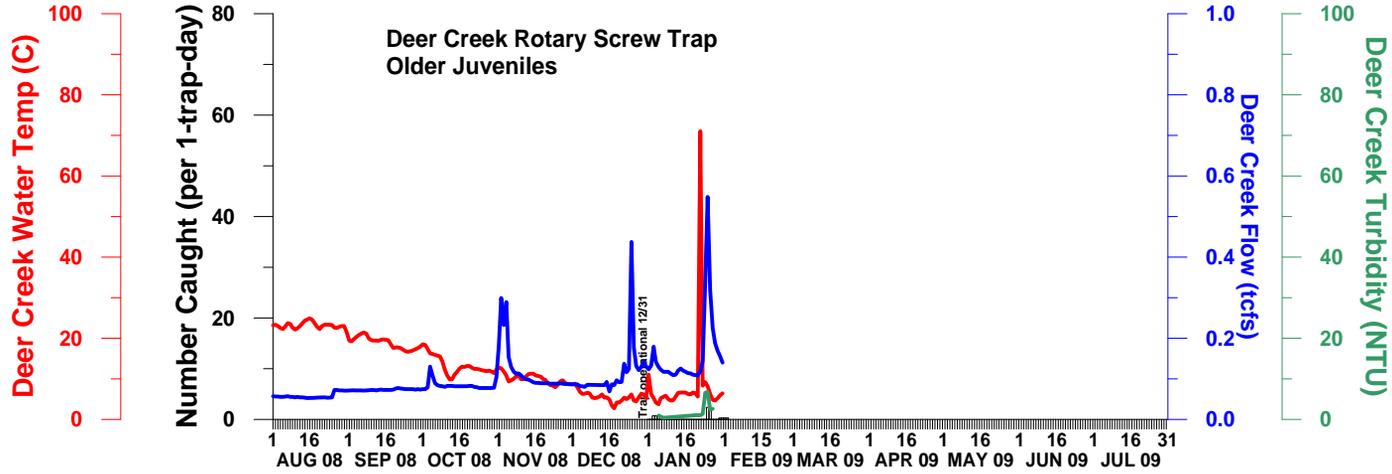
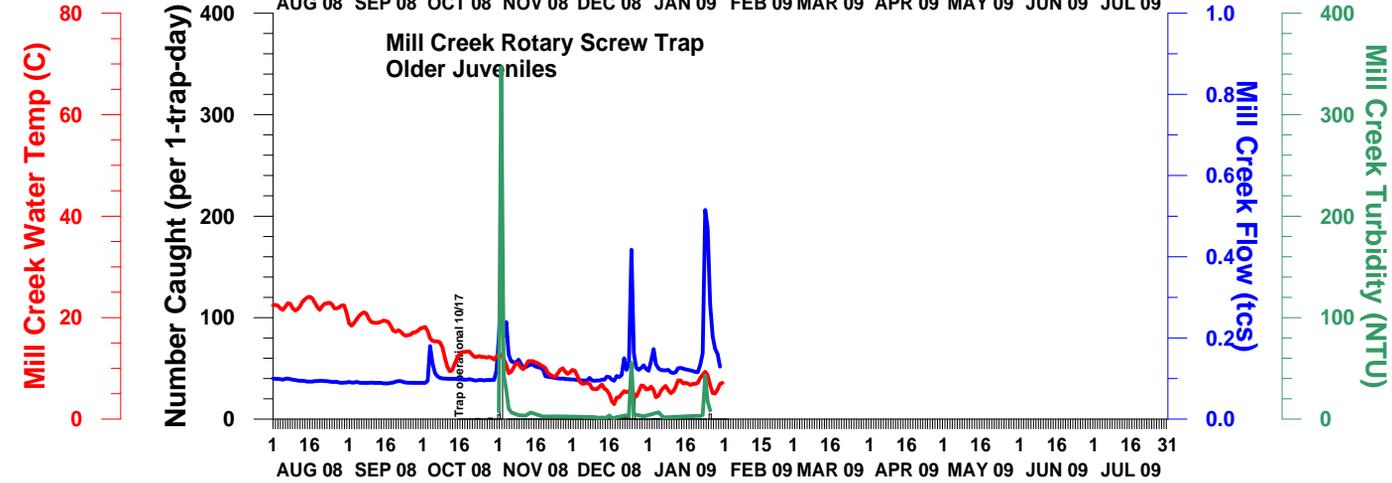
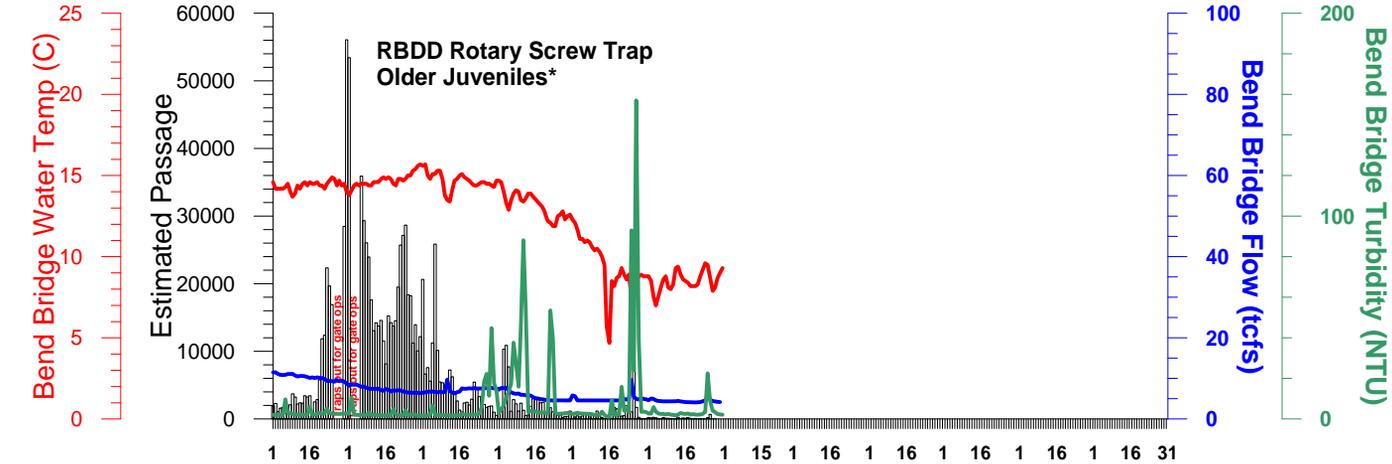
Western Suisun Marsh - \leq 15.6 mS/cm.

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

Sheila Greene

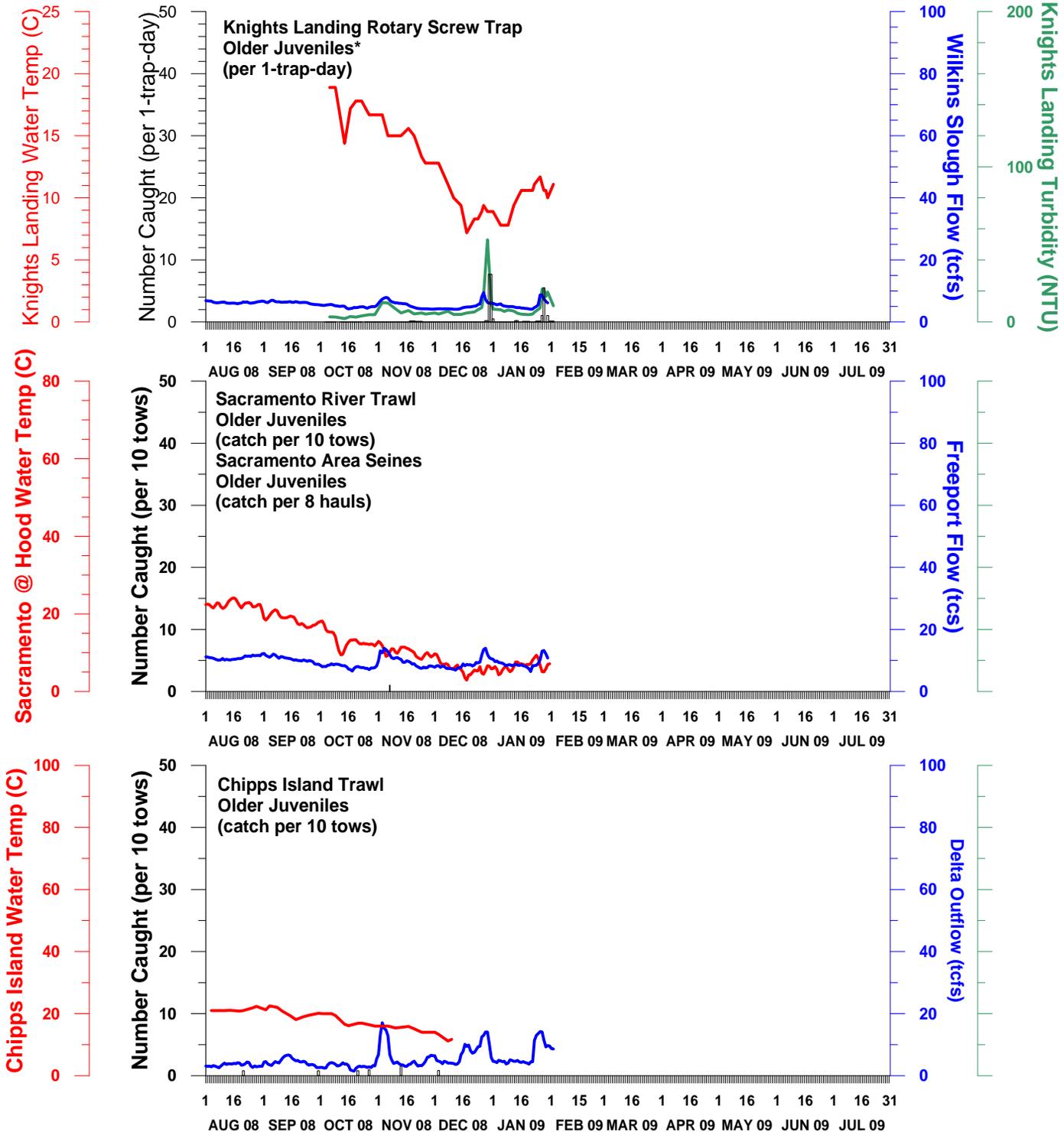
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NUMBER OF JUVENILE CHINOOK MEASURED IN THE UPPER SACRAMENTO RIVER & TRIBUTARIES



DWR-DES 3 Feb 2009
 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 LOWER SACRAMENTO RIVER & TRIBUTARIES

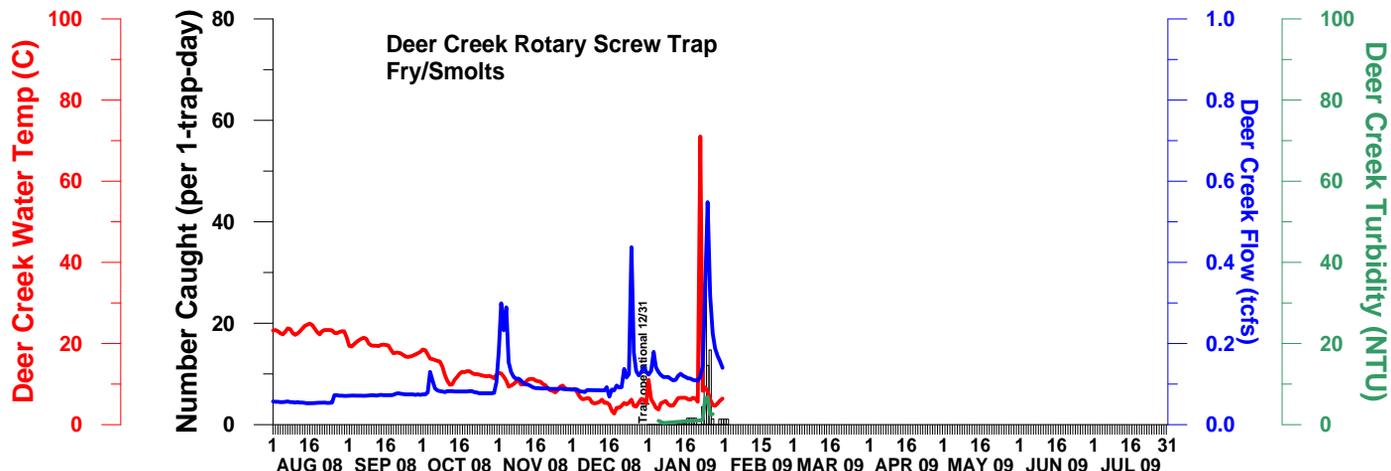
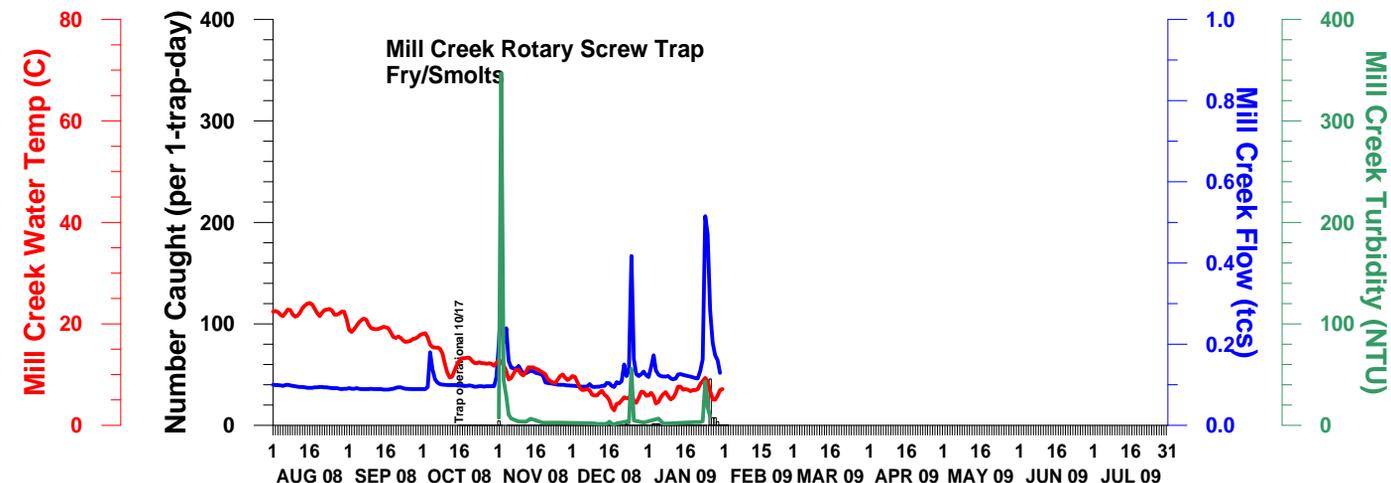
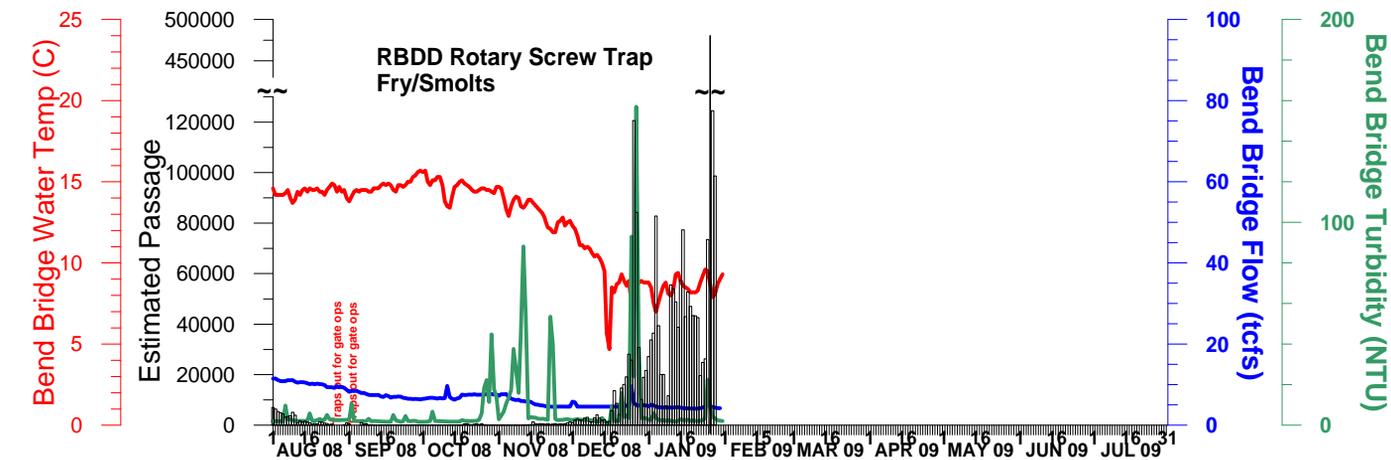


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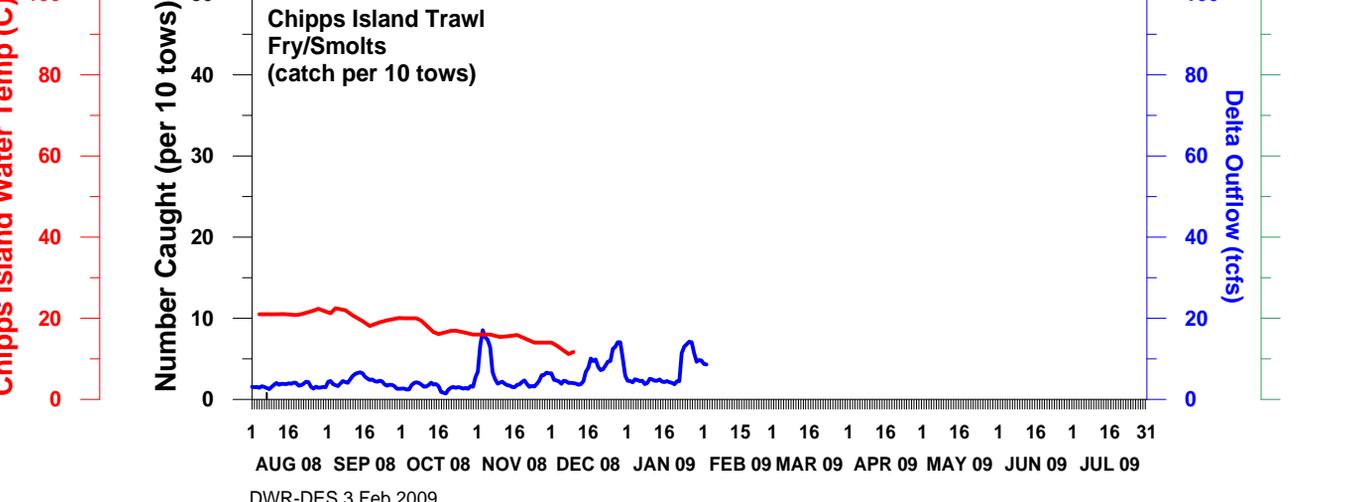
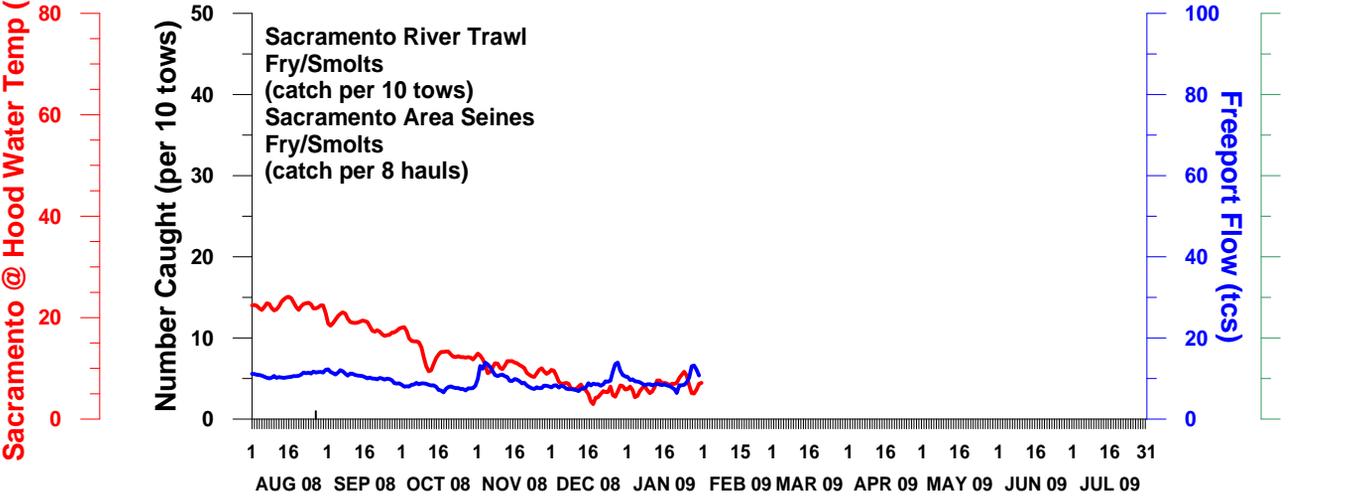
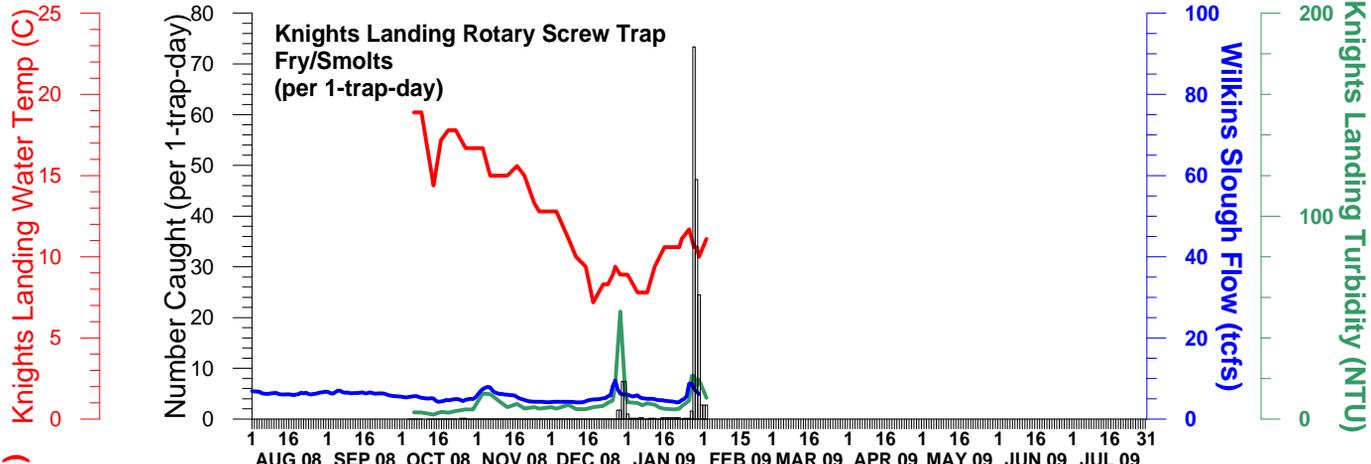
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NUMBER OF FRY/SMOLT CHINOOK MEASURED IN THE UPPER SACRAMENTO RIVER & TRIBUTARIES



DWR-DES 03 Feb 2009
 Preliminary, subject to revision
 *Older juveniles defined as all Chinook above the minimum winter run length line (Frank Fisher model)

NUMBER OF FRY/SMOLT CHINOOK MEASUREED IN THE LOWER SACRAMENTO RIVER & TRIBUTARIES



DWR-DES 3 Feb 2009
 Preliminary, subject to revision
 *Older juveniles defined as all Chinook above the minimum winter run length line (Frank Fisher model)