

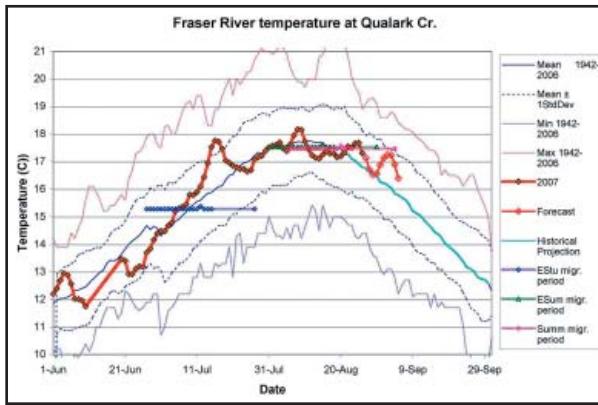
A weekly Aboriginal fisheries newsletter for  
fisheries representatives and their organizations

## FRASER SALMON UPDATE

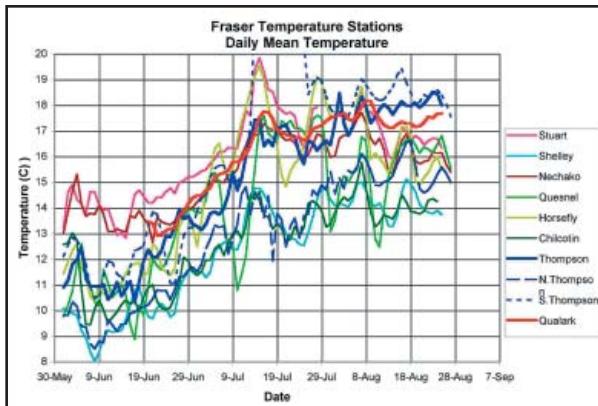
By Pete Nicklin, Watershed Stock Management Coordinator, FRAFS

### WATER CONDITIONS

Water conditions in the Fraser continue to be satisfactory for sockeye migration from a temperature and discharge point of view. The Fraser discharge at Hope is now tracking below the historical mean. Fraser temperatures at Qualark are currently above the long term average, and forecast to stay below 18 degrees. The following graphs show the 2007 conditions in comparison to other years.

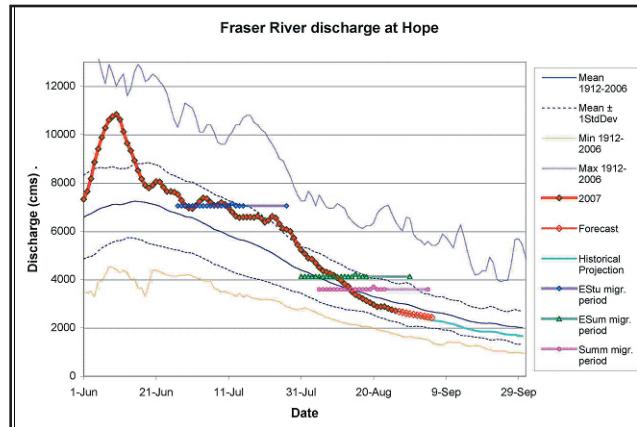


This graph shows the Fraser River temperatures at Qualark Creek (Lower Fraser). The line with the diamonds shows the 2007 temperatures. The open diamond portion of the line shows the forecast temperatures. The current temperature is approximately 17.4 degrees, and forecasted to stay below 18 degrees. We are now past the normal peak temperature period for the Fraser.



This graph shows the 2007 daily mean temperatures at various temperature stations throughout the Fraser watershed. Only the Thompson River remains at 18 degrees, although Qualark is on an increasing trend at about 17.5 degrees.

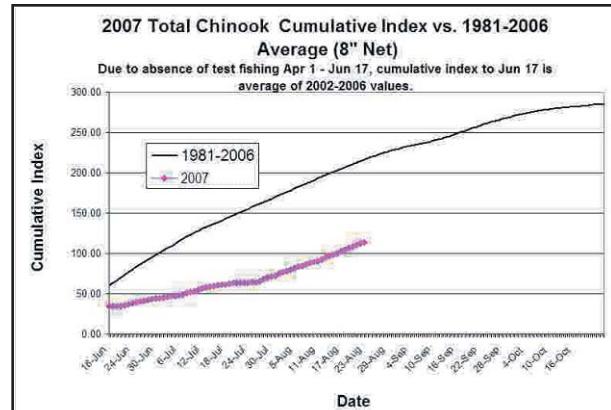
The next graph shows the Fraser River discharge at Hope. The line with the diamonds is the 2007 discharge. Current discharge is now below the historical mean, and forecasted to stay below the mean.



### FRASER CHINOOK

The Albion Test Fishery Cumulative catch results for 2007 continue at levels below the 1981 to 2006 average.

Aerial and stream counts for Chinook are now being conducted, and early indications show that many stocks in the Upper Fraser are returning at levels below brood, with some stocks at 50% or less compared to brood. More information will be issued in the next couple of weeks.



The cumulative test fishery catch at Albion for 2007 is the bottom line in this graph. The top line is the average from 1981 to 2006. The cumulative catch is tracking at about half the 1981-2006 average. A web link to the Albion Test Fishery page on the DFO website can be found in the General Information section of the Watershed Talk.

### FRASER SOCKEYE

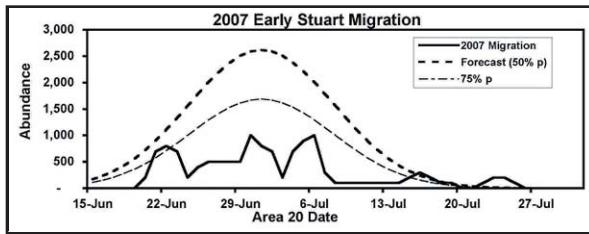
The Early Stuart enumeration program is now complete. High water prevented enumeration crews from fencing Forfar Creek, and sockeye were able to escape undetected by the fence in Kynock Creek. Visual surveys were able to count sockeye above the Kynock Creek fence, and will be included in the overall escapement estimate for Early Stuarts. As it stands right now, the number of returning Early Stuarts appears low.

Early results of the enumerations for the Early Summers, Summers and Lates will be included in Watershed Talk in the next couple of weeks, but meanwhile a web link to the latest information has been included in the General Information section. (Continued)

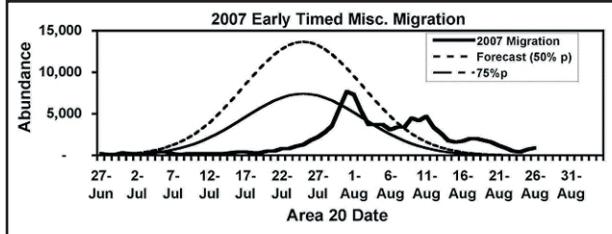
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Test fishery catches in marine areas for sockeye have been declining over the last several days, and as a result the Fraser River Panel approved reduced run size estimates for the Summers and the true Lates on August 27th. The run size estimate for the Summers is now 700,000 and the true Lates estimate is 670,000. The run size estimate for the Early Summers was unchanged at 170,000.

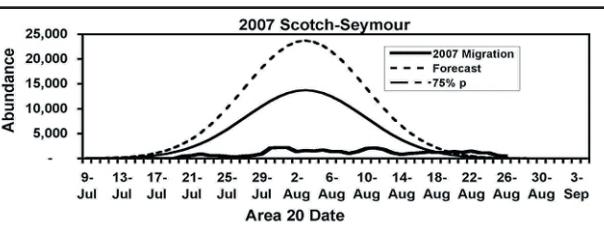
First Nations catch information will be included in the next edition of Watershed Talk.



This graph shows the current information for the 2007 Early Stuart migration. The Early Stuarts have completed the marine portion of their migration, and the escapement enumeration program is now complete.



This graph shows the current information for the 2007 Early Summer Misc migration. The Early Summer run size remains unchanged from last week at 170,000. Early Summer sockeye continue to show in the marine test fisheries and the overall timing is later than pre-season expectations.

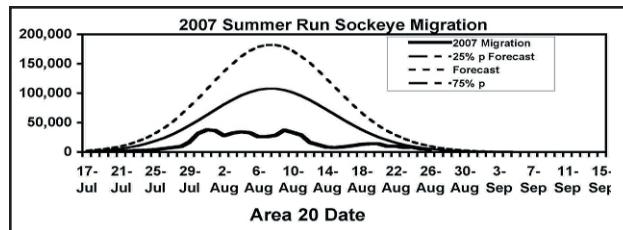


This graph shows the Scotch/Seymour portion of the Early Summer aggregate. The Scotch/Seymour component is tracking significantly lower than the 75%P forecast, and is showing in very low proportions of the marine test fisheries.

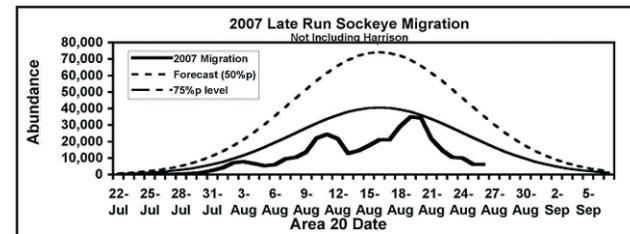
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(250) 392-5888 or by email [indiseaent@shaw.ca](mailto:indiseaent@shaw.ca)

**Watershed Talk available for  
download at [www.frafs.ca](http://www.frafs.ca)**

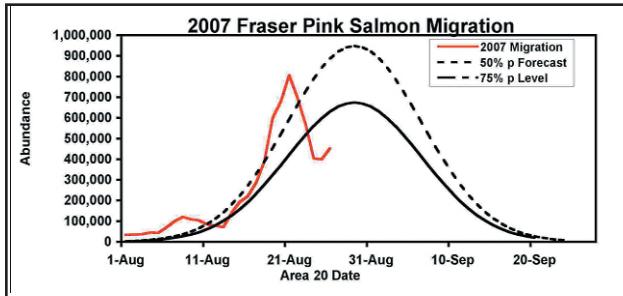
**NEXT ISSUE: FRIDAY, AUGUST 31**



This graph shows the current information for the 2007 Summer Run migration. Sockeye catches in the marine area test fisheries have declined over the past several days. As a result, on August 27 the Fraser River Panel approved a reduced run size estimate of 700,000 (from last week's 825,000 run size estimate) for the Summer run sockeye.



This graph shows the current information for the 2007 Late Run (not including Harrison) migration. On August 27, the Fraser River Panel approved a reduced run size estimate of 670,000 true Late Run sockeye (Late Shuswap and Weaver), and 200,000 for Harrison sockeye.



This graph shows the current information for the 2007 Fraser Pink run. Although the pink migration had been tracking above the 50%P forecast level, there has been a significant drop in marine test fishery catch over the last two days. An updated run size estimate for pinks will be provided after the expected peak migration through marine waters later this week.

## First Nations In-Season Technical Conference Calls

Fraser Panel Liaison Mike Staley will share up-to-date technical information from the Fraser Panel via teleconference on **THURSDAY AFTERNOONS AT 4:00PM**.

**NEXT CALLS: AUGUST 30, 2007; SEPTEMBER 6, 2007**

In order to participate you will need the following numbers:

Toll Free: **1-877-385-4099**  
Vancouver Local: **604-899-2339**  
Participant Access Code: **3196930#**