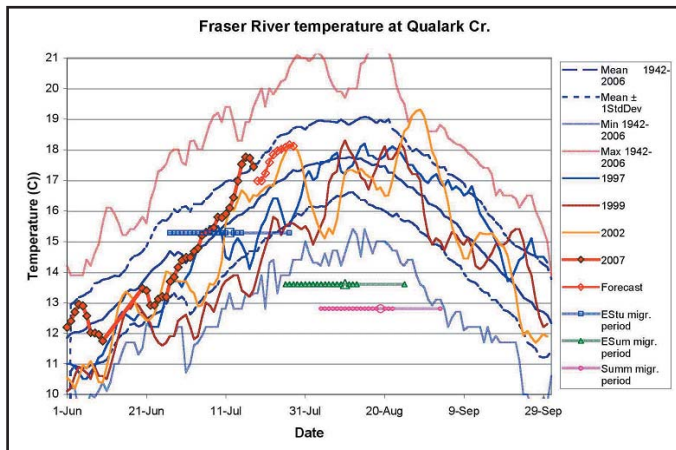


## FRASER SALMON UPDATE

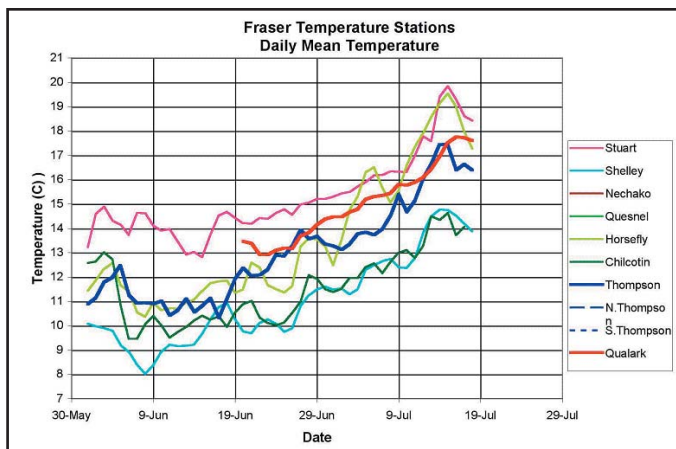
By Pete Nicklin, Watershed Stock Management Coordinator FRAFS

Water conditions in the Fraser are moderate from a temperature point of view, and high (but not extreme) from a discharge point of view. The following graphs show the 2007 conditions in comparison to other years.

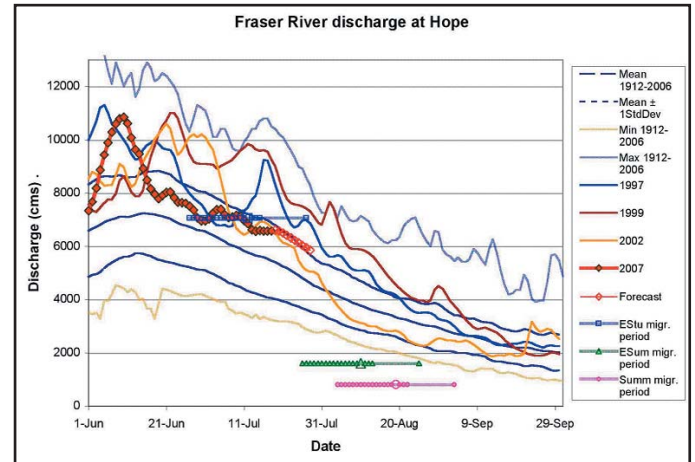
This graph shows the Fraser River temperatures at Qualark Creek (Lower Fraser). The line with the diamonds shows the 2007 temperatures. The open diamond portion of the line shows the forecast temperatures. The current temperature is approximately 17.5 degrees.



This graph shows the 2007 daily mean temperatures at various temperature stations throughout the Fraser watershed.

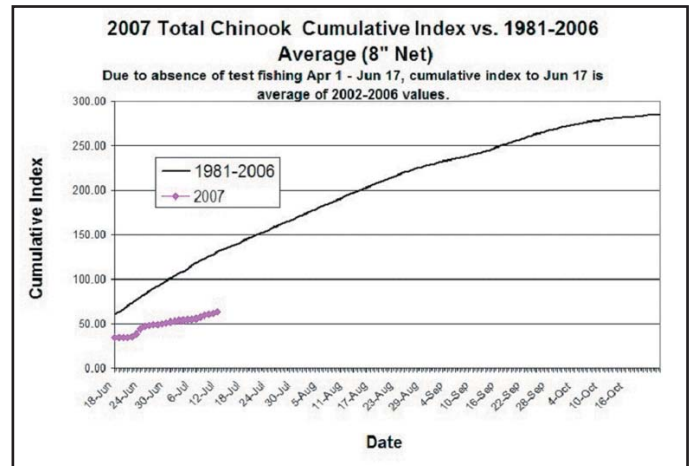


This graph shows the Fraser River discharge at Hope. The line with the diamonds is the 2007 discharge. Current discharge is below 7000 cubic metres per second (cms) and forecast to drop below 6000 cms by the end of July (forecast shown by the open diamond line).



## Fraser Chinook

The Albion Test Fishery Cumulative catch results for 2007 continue at levels below the 1981 to 2006 average. Seals are a problem at the Albion (and Whonnock) test fishery site because they are picking fish off the net.



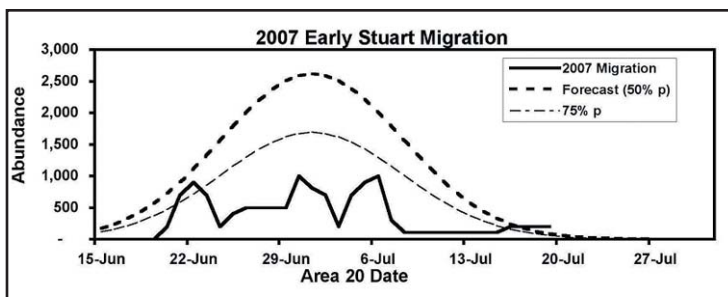
The cumulative test fishery catch at Albion for 2007 is the bottom line in this graph. The top line is the average from 1981 to 2006. The cumulative catch is tracking at about half the 1981-2006 average. A web link to the Albion Test Fishery page on the DFO website can be found in the General Information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

## Fraser Sockeye

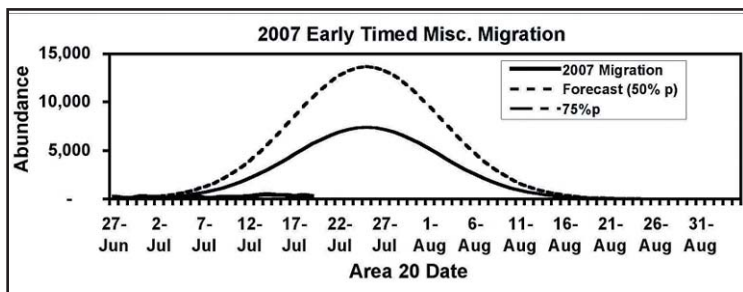
It is still early in the season, but current information is indicating that the Early Stuarts are returning significantly below forecast. Coast-wide returns of 4 year old sockeye (4sub2) are poor, and the July 15 – 17th sample at the LGL fishwheel shows approximately 43% of the caught fish were 4sub2 sockeye, with most of the remainder being 5 year olds.

Catch plus escapement to Mission for July 20th for the Early Stuarts is 11,100, and 4,700 for the Early Summers.

This graph shows the current information for the 2007 Early Stuart migration. There is currently no strong indication that the run is late, so it appears that the Early Stuarts are returning significantly below forecast.



This graph shows the current information for the 2007 Early Summer Misc migration (does not include Scotch/ Seymour).



For more information contact Pete Nicklin @ (250) 392-5888 or by email [indiseaent@shaw.ca](mailto:indiseaent@shaw.ca).

## General Information

With Chinook and sockeye approaching and in the Fraser, these links may be of interest to many.

Albion Test Fishery – Chinook Gill Net:  
[http://www.pac.dfo-mpo.gc.ca/fraserriver/commercial/commercialalbionchnk\\_e.htm](http://www.pac.dfo-mpo.gc.ca/fraserriver/commercial/commercialalbionchnk_e.htm)

Pacific Salmon Commission Website: [www.psc.org](http://www.psc.org)

LGL Fishwheel Catch Updates: [http://www.psc.org/info\\_lglfishwheelcatch.htm](http://www.psc.org/info_lglfishwheelcatch.htm)

Upper/Mid/Lower Fraser Catch and Openings: <http://www.pac.dfo-mpo.gc.ca/fraserriver/firstnations.htm>

Pacific Salmon Commission Test Fisheries: [http://www.psc.org/info\\_testfishing\\_summaries.htm](http://www.psc.org/info_testfishing_summaries.htm)

Pacific Salmon Commission News and Regulatory announcements: [http://www.psc.org/news\\_frpnews.htm](http://www.psc.org/news_frpnews.htm)

Fraser River Mission Escapement Reports: [http://www.psc.org/info\\_inseasonfraserescapement.htm](http://www.psc.org/info_inseasonfraserescapement.htm)

Fraser River Environmental Watch Program: [http://www.sci.pac.dfo-mpo.gc.ca/fwh/index\\_e.htm](http://www.sci.pac.dfo-mpo.gc.ca/fwh/index_e.htm)

## Fraser Watershed 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: JULY 26, 2007; AUGUST 2, 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#**

**The Watershed Talk is available for download at [www.frafs.ca](http://www.frafs.ca). Next issue: July 27, 2007**