File: 71007

# DRAFT AGENDA
## PSC Fraser River Panel Meeting
## Via Zoom Webinar: https://psc-org.zoom.us/j/85284137826

**FRP meeting:** Tuesday, August 5, 2025 at 11 am

| | | | | |
|---|---|---|---|---|
| | 1) | Roll Call (Panel and Tech members, others please email Angela Xu, frontdesk@psc.org) | 5 min | |
| | 2) | Webinar Etiquette: mute phone & chat feature | 2 min | |
| ☑ | 3) | Agenda | 5 min | |
| | **4)** | **Overview of run and catch status** | 5 min | PSC staff |
| ☑ | | a) Accounted run to date relative to forecast and adopted run sizes | | |
| ☑ | | b) Catch-to-date by fishery | | |
| ☑ | | c) Release mortalities | | |
| ☑ | | d) TAC table | | |
| | **5)** | **Biological information** | 20 min | PSC staff |
| ☑ | | a) Test fishing catches and acoustics summary | | |
| ☑ | | b) Comparison of predictions from Mission to Qualark | | |
| ☐ | | c) Species composition review | | |
| ☑ | | d) Stock Identification review | | |
| | | e) Management Adjustment (MA) considerations | | |
| ☑ | | i) Environmental report | | |
| ☐ | | ii) pDBE forecast and sensitivity analysis | | |
| ☑ | | iii) Current temperatures in areas of the Fraser Watershed | | |
| ☐ | | iv) TNG Taskforce Update | | |
| ☐ | | v) Report on fish condition | | DFO |
| ☐ | | vi) Spawning ground reports | | DFO |
| | **6)** | **Assessment information** | | PSC staff |
| ☑ | | a) Daily migration graphs | | |
| ☑ | | b) Predicted abundance en route to Mission | | |
| ☑ | | c) Diversion rate | | |
| ☐ | | d) Technical assessment information | | |
| ☑ | | e) Run size and timing estimates | | |
| ☐ | | f) Predicted allowable harvest based on run size and DBE scenarios | | |
| ☑ | | g) Criteria for fishing decisions table | | |
| ☐ | | h) Catch evaluation | | |
| | **7)** | **Recommendations on run size, migration timing and MA** | | |
| ☑ | | a) PSC recommendations | | PSC staff |
| | | b) Canadian and/or U.S. recommendations | | Panel |
| | | c) Panel decision | | |
| | **8)** | **Fisheries recommendations** | | |
| | | a) Canadian and U.S. proposals | | Panel |
| | | b) Staff evaluation | | PSC staff |
| | | c) Canadian and U.S. evaluation | | Panel |
| | | d) Panel decision | | |
| ☐ | 9) | Assessments from other areas | 5 min | PSC staff |
| ☑ | 10) | Other business: ? | 5 min | Panel |
| ☑ | 11) | Next FRP meeting and agenda | 2 min | PSC staff/Panel |
| | 12) | Next TC meeting: | | PSC staff |
| ☑ | 13) | Data acknowledgements | | |

Legend: ☑ Content included in the distribution
☐ Not included in the distribution due to not relevant for this meeting or no (new) information

**4a. Accounted run to date relative to forecast and adopted runsizes**

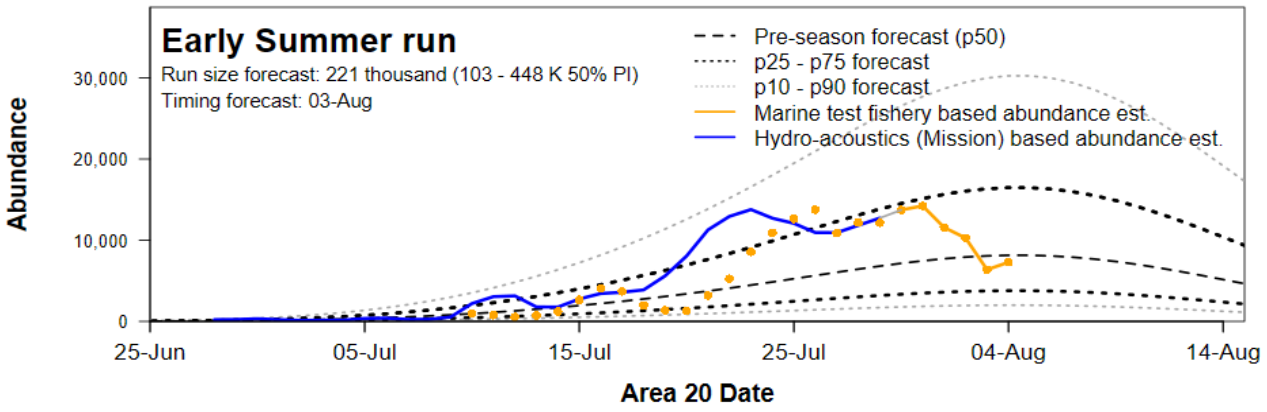
## 2025 Run status of Fraser sockeye and pink salmon

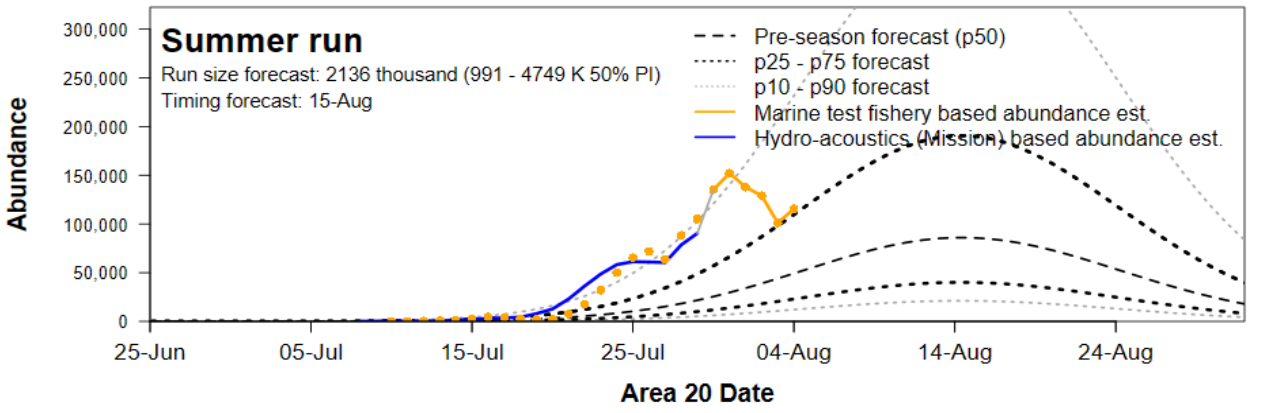
Date: Aug. 5, 2025

The information presented in this distribution has been prepared by PSC Secretariat staff and should be considered preliminary until reviewed by the Fraser River Panel

| Week of: Aug. 3 - Aug. 9, 2025 | Sockeye | | | | | Pink |
|---|---|---|---|---|---|---|
| | Management Group | | | | Total | Total |
| | E.Stuart | E.Summer | Summer | Late | Fraser | Fraser |
| Mission passage (incldes Pitt, Alouette, Coquitlam) | 731,900 | 150,800 | 559,800 | 11,500 | 1,454,000 | 4,000 |
| Catch downstream of Mission | 3,900 | 2,100 | 22,200 | 2,100 | 30,300 | 900 |
| Accounted Run To Date | 735,800 | 152,900 | 582,000 | 13,600 | 1,484,300 | 4,900 |
| **Run size adopted in-season** [1] | **725,000** | **300,000** | **na** | **na** | **na** | **na** |
| Run size forecasted pre-season | 116,000 | 221,000 | 2,136,000 | 468,000 | 2,941,000 | 26,965,000 |
| **Area 20 timing adopted in-season** | **6-Jul** | **29-Jul** | **na** | **na** | **na** | **na** |
| Area 20 timing expected pre-season | 8-Jul | 3-Aug | 15-Aug | 20-Aug | 14-Aug | 21-Aug |
| **Johnstone Str. Diversion Rate** | | | | In-season 5-day average | **64%** | **17%** |
| | | | | Preseason forecast of annual rate: | 64% | 73% |

[1] *Run sizes are usually not adopted until after the peak of the run has passed through marine test fishery areas in Juan de Fuca and Johnstone straits.*



**4b. Catch-to-date by fishery**

## 2025 Catch-to-date by fishery

Date: Aug. 5, 2025

| Week of: Aug. 3 - Aug. 9, 2025 | Sockeye | | Pink | |
|---|---|---|---|---|
| | Total | Fraser | Total | Fraser |
| **Canada** | **21,412** | **19,463** | **5,896** | **691** |
| **Commercial** | **0** | **0** | **0** | **0** |
| B Purse Seine | 0 | 0 | 0 | 0 |
| H Troll | 0 | 0 | 0 | 0 |
| **First Nations** | **20,588** | **18,639** | **5,600** | **691** |
| Food, Social & Ceremonial (FSC) | 20,588 | 18,639 | 5,600 | 691 |
| Marine | 20,588 | 18,639 | 5,600 | 691 |
| Fraser R. | 0 | 0 | 0 | 0 |
| Economic Opportunity (EO) & Demonstration (Demo) | 0 | 0 | 0 | 0 |
| **Single Stock FSC (SS FSC)** | **0** | **0** | **0** | **0** |
| **Recreational** | **0** | **0** | **296** | **0** |
| **Charter (Albion & A12 Chum test fishery)** | **91** | **91** | **0** | **0** |
| **Other****** | **733** | **733** | **0** | **0** |
| **United States** | **0** | **0** | **0** | **0** |
| **Commercial** | **0** | **0** | **0** | **0** |
| Treaty Tribes (TRB) | 0 | 0 | 0 | 0 |
| All Citizen (AC) | 0 | 0 | 0 | 0 |
| **Treaty Tribes Ceremonial & Subsistence (C&S)** | **0** | **0** | **0** | **0** |
| **All Citizen Recreational** | **0** | **0** | **0** | **0** |
| **Other****** | **0** | **0** | | |
| **Alaska *** | **na** | **na** | **na** | **na** |
| **Panel-approved Test Fisheries** | **14,213** | **13,503** | **2,039** | **233** |
| **Panel Waters** | **10,204** | **9,972** | **1,011** | **150** |
| Canada | 10,204 | 9,972 | 1,011 | 150 |
| U.S. | 0 | 0 | 0 | 0 |
| **Non-Panel Waters**** | **4,009** | **3,532** | **1,028** | **83** |
| **Total** | **35,625** | **32,966** | **7,935** | **924** |
| Catch Seaward of Mission *** | 32,883 | 30,224 | 7,935 | 924 |
| Catch Upstream of Mission | 2,742 | 2,742 | 0 | 0 |

** Alaska data are processed post-season and so are unavailable in-season.*

*** Includes Qualark*

**** All catches in marine areas and in the Fraser River downstream of Mission.*

***** May include unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species*

**4c. Release mortalities**

## 2025 Release Mortalities-to-date by fishery

(release mortalites are excluded from catch

Date: Aug. 5, 2025

| Week of: Aug. 3 - Aug. 9, 2025 | Sockeye releases | | Release mortality | |
|---|---|---|---|---|
| | Total | Fraser | Total | Fraser |
| **Canada** | **1,694** | **1,694** | **48** | **48** |
| **Commercial** | **0** | **0** | **0** | **0** |
| B Purse Seine | 0 | 0 | 0 | 0 |
| H Troll | 0 | 0 | 0 | 0 |
| **First Nations** **** | **1,663** | **1,663** | **40** | **40** |
| Food, Social & Ceremonial (FSC) | 1,663 | 1,663 | 40 | 40 |
| Marine | 0 | 0 | 0 | 0 |
| Fraser R. | 1,663 | 1,663 | 40 | 40 |
| Economic Opportunity (EO) & Demons | 0 | 0 | 0 | 0 |
| **Single Stock FSC (SS FSC)** | **0** | **0** | **0** | **0** |
| **Recreational** | **0** | **0** | **0** | **0** |
| **Charter (Albion & A12 Chum test fishery)** | **0** | **0** | **0** | **0** |
| **Other**** | **31** | **31** | **8** | **8** |
| **United States** | **0** | **0** | **0** | **0** |
| **Commercial** | **0** | **0** | **0** | **0** |
| Treaty Tribes (TRB) | 0 | 0 | 0 | 0 |
| All Citizen (AC) | 0 | 0 | 0 | 0 |
| **Treaty Tribes Ceremonial & Subsistence (C&S)** | **0** | **0** | **0** | **0** |
| **All Citizen Recreational** | **0** | **0** | **0** | **0** |
| **Other**** | **0** | **0** | **0** | **0** |
| **Alaska *** | **na** | **na** | **na** | **na** |
| **Panel-approved Test Fisheries** | **70,136** | **64,922** | **7029** | **6,508** |
| **Panel Waters** | **70,135** | **64,921** | **7029** | **6,507** |
| Canada | 70,135 | 64,921 | 7029 | 6,507 |
| U.S. | 0 | 0 | 0 | 0 |
| **Non-Panel Waters** | **1** | **1** | **1** | **1** |
| **Total** | **71,830** | **66,616** | **7077** | **6,556** |
| Catch Seaward of Mission *** | 70,135 | 64,921 | 7036 | 6,514 |
| Catch Upstream of Mission | 1,678 | 1,678 | 41 | 41 |

** Alaska does not report release mortalities*

***May include releases and release mortalities unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species*

**** All releases and release mortalities in marine areas and in the Fraser River downstream of Mission.*

***** As of Aug 4, these releases include 1,597 dipnet/rod and reel releases in a sanctioned Chinook fishery*

**4d. TAC table**

| | | | Fraser Sockeye | | | | | Fraser Pinks | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Early Stuart | Early Summer | Summer | Lates | Total | | Total |
| **RUN STATUS, ESCAPEMENT NEEDS & AVAILABLE SURPLUS** | | | | | | | | | |
| **Pre-season or Adopted In-season Run Size** | | | **725,000** | **300,000** | **2,136,000** | **468,000** | **3,629,000** | | **26,965,000** |
| **Adult Spawning Escapement Target (SET)** | | | **580,000** | **150,000** | **1,470,000** | **346,500** | **2,546,500** | | **8,089,500** |
| %SET from TAM rules | | | 80% | 50% | 69% | 74% | | | 30% |
| **Management Adjustment (MA)** | | | **1,078,800** | **81,000** | **411,600** | **540,540** | **2,111,940** | | 0 |
| Proportional MA (pMA) | | | 1.86 | 0.54 | 0.28 | 1.56 | | | 0.00 |
| Adjusted Spawning Escapement Target (SET) * | | | 725,000 | 231,000 | 1,881,600 | 468,000 | 3,305,600 | | 8,089,500 |
| **Test Fishing (TF)** | | | **5,700** | **2,150** | **19,410** | **3,680** | **30,940** | | **90,000** |
| Surplus above Adjusted SET & Test fishing | | | 0 | 66,850 | 234,990 | 0 | 301,840 | | 18,785,500 |
| **DEDUCTIONS & TAC FOR INTERNATIONAL SHARING** | | | | | | | | | |
| **Aboriginal Fishery Exemption (AFE)** | | | **0** | **9,653** | **235,376** | **0** | **245,030** | | **0** |
| Total Deductions (Adj. SET + TF + Available AFE) | | | 730,700 | 242,803 | 2,136,386 | 471,680 | 3,581,569 | | 8,179,500 |
| **Available TAC for International Sharing** | | | **0** | **57,197** | **0** | **0** | **57,197** | | **18,785,500** |
| **UNITED STATES (Washington) TAC** | | | | | | | | | |
| Proportionally Distributed TAC ** | | 16.5% | 0 | 9,440 | 0 | 0 | 9,440 | 25.7% | 4,827,870 |
| U.S. Payback ** | | 4.2% | 0 | 2,390 | 0 | 0 | 2,390 | | 0 |
| **Proportionally Distributed TAC + Payback** | | | **0** | **11,830** | **0** | **0** | **11,830** | | **4,827,870** |
| Treaty Tribes Share ** | | 67.7% | 0 | 8,780 | 0 | 0 | 8,780 | 50.0% | 2,413,935 |
| All Citizen Share | | 32.3% | 0 | 3,050 | 0 | 0 | 3,050 | 50.0% | 2,413,935 |
| **CANADA TAC** | | | | | | | | | |
| Aboriginal Fishery Exemption (AFE) | | | 0 | 9,653 | 235,376 | 0 | 245,029 | | 0 |
| **Canadian TAC + AFE** | | | **0** | **55,020** | **235,376** | **0** | **290,396** | | **13,957,630** |
| **CATCH-TO-DATE** | | | | | | | | | |
| **Test** | | | **5,310** | **1,430** | **6,500** | **260** | **13,500** | | **230** |
| Treaty Tribes (Wash.) / Ceremonial (TRB) | | | 0 | 0 | 0 | 0 | 0 | | 0 |
| All Citizen (Wash.) | | | 0 | 0 | 0 | 0 | 0 | | 0 |
| Other (Wash.)*** | | | 0 | 0 | 0 | 0 | 0 | | |
| **Washington** | | | **0** | **0** | **0** | **0** | **0** | | **0** |
| First Nations Catch (including AFE) | | | 0 | 780 | 16,060 | 1,810 | 18,640 | | 690 |
| Planned Charter & Recreational Shares | | | 50 | 10 | 30 | 0 | 91 | 0 | 0 |
| Other*** | | | 730 | 0 | 0 | 0 | 730 | 0 | 0 |
| Total Commercial (including FN EO/Demo****) | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Canada** | | | **780** | **790** | **16,090** | **1,810** | **19,460** | | **690** |
| **Total Catch in All Fisheries** | | | **6,090** | **2,220** | **22,590** | **2,070** | **32,970** | | **920** |
| Exploitation Rate (catch-to-date / run size) | | | 0.8% | 0.7% | 1.1% | 0.4% | 0.9% | | 0.0% |
| Fisheries induced mortalities (Canada, U.S. & TF) | | | 61 | 419 | 5,587 | 489 | 6,555 | | |
| Exploit. Rate with fishery-induced mortality included | | | 0.8% | 0.9% | 1.3% | 0.5% | 1.1% | | |
| **CATCH REMAINING (BALANCE)** | | | | | | | | | |
| **Washington** | | | **0** | **11,830** | **0** | **0** | **11,830** | | **4,827,870** |
| **Canada** | | | **-780** | **54,230** | **219,286** | **-1,810** | **270,926** | | **13,956,940** |
| Balance Remaining [ below share / -above share] | | | -780 | 66,060 | 219,286 | -1,810 | 282,756 | | 18,784,810 |

* The adjusted SET is the lesser of the run size or the sum of the MA + TAM - defined SET.

** Washington sockeye and pink shares according to Annex IV of the Pacific Salmon Treaty.
Sockeye: 16.5% of the TAC - payback (maximum of 5% of share).
Pink: 25.7% of the TAC - payback (maximum of 5% of share)

*** May include unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species.

**** EO = FN Economic Opportunity fisheries; Demo = FN Demonstration fisheries.

## 2025 Fraser Sockeye Test Fishing & Escapement Summary

| | Johnstone Strait | | Juan de Fuca Strait | | Fraser River | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Area/Gear<br>Location<br>From A20 | A12 GN<br>Round Is<br>(-2 days) | A12 PS<br>Blinkhorn<br>(-1 day) | A20 GN*<br>Port Renfrew<br>(0 days) | A20 PS<br>Port Renfrew<br>(0 days) | A29-17 GN<br>Brownsville Bar<br>(+5 days) | A29-16 GN<br>Whonnock<br>(+6 days) | Whon CPUE<br>Estimate<br>(+6 days) | GN Catch<br>(+8 days) | Qualark<br>Estimate[1] | Method[2] | Mission Hydroacoustics<br>Estimate[3]<br>(+6 days) | Method[4] | Hells Gate<br>Estimates[5]<br>(+10 days) |
| **15-Jul** | 24 | | 281 | | 65 | 6 | 0.56 | 103 | 30,088 | RB + LB | 31,600 | A1+M2+A2 | 43,470 |
| **16-Jul** | 25 | | 343 | | 78 | 0 | 0.00 | 42 | 37,669 | RB + LB | 31,700 | A1+M2+A2 | 44,400 |
| **17-Jul** | 30 | | 260 | | 100 | 2 | 0.19 | 91 | 27,985 | RB + LB | 36,300 | A1+M2+A2 | 25,250 |
| **18-Jul** | 18 | | 25 | | 101 | 1 | 0.09 | 71 | 26,893 | RB + LB | 23,300 | A1+M2+A2 | 8,830 |
| **19-Jul** | 9 | | 68 | | 15 | 4 | 0.34 | 52 | 28,410 | RB + LB | 21,100 | A1+M2+A2 | *No Count* |
| **20-Jul** | 30 | | 99 | | 28 | 1 | 0.09 | 52 | 24,965 | RB + LB | 15,200 | A1+M2+A2 | *No Count* |
| **21-Jul** | 51 | | 5 | | 33 | 18 | 1.66 | 61 | 20,922 | RB + LB | 17,500 | A1+M2+A2 | 21,480 |
| **22-Jul** | 40 | | 182 | | 17 | 17 | 1.56 | 57 | 16,765 | RB + LB | 22,200 | A1+M2+A2 | 15,390 |
| **23-Jul** | 43 | | 72 | | 24 | 18 | 1.63 | 61 | 20,134 | RB + LB | 15,600 | A1+M2+A2 | 11,990 |
| **24-Jul** | 26 | 850 (5 sets) | 72 | | 29 | 13 | 1.22 | 69 | 21,005 | RB + LB | 15,900 | A1+M2+A2 | 16,040 |
| **25-Jul** | 26 | 35 (5 sets) | 24 | 1,612 | 86 | 36 | 3.18 | 48 | 17,172 | RB + LB | 21,100 | A1+M2+A2 | 9,180 |
| **26-Jul** | 35 | 1,180 | 156 | 1,624 | 105 | 71 | 5.81 | 34 | 14,801 | RB + LB | 29,800 | A1+M2+A2 | 2,920 |
| **27-Jul** | 32 | 1,159 | 36 | 1,252 | 125 | 58 | 4.80 | 30 | 16,386 | RB + LB | 40,100 | A1+M2+A2 | 430 |
| **28-Jul** | 15 | 8,530 | 24 | 142 (5 sets) | 112 | 120 | 9.55 | 53 | 24,694 | RB + LB | 56,600 | A1+M2+A2 | 570 |
| **29-Jul** | 31 | 7,240 | 173 | 791 | 157 | 14 | 1.27 | 48 | 35,144 | RB + LB | 68,400 | A1+M2+A2 | *No Count* |
| **30-Jul** | 30 | 7,847 | 230 | 494 | 241 | 11 | 1.05 | 74 | 50,906 | RB + LB | 70,100 | A1+M2+A2 | 5,030 |
| **31-Jul** | 10 | 15,310 | 93 | 1,592 | 218 | 8 | 0.75 | 83 | 62,386 | RB + LB | 78,400 | A1+M2+A2 | 6,430 |
| **1-Aug** | 41 | 2,384 | 24 | 3,000 | 244 | 53 | 4.16 | 79 | 62,707 | RB + LB | 75,700 | A1+M2+A2 | *No Count* |
| **2-Aug** | 20 | 5,140 | 80 | 1,214 | 435 | 78 | 6.25 | 64 | 59,414 | RB + LB | 65,100 | A1+M2+A2 | 53,570 |
| **3-Aug** | 20 | 4519 (5 sets) | 5 | 973 | 490 | 96 | 7.57 | 68 | 53,313 | RB + LB | 75,300 | A1+M2+A2 | 60,260 |
| **4-Aug** | **End** | 2,530 | 114 | 961 | 289 | 214 | 17.12 | 100 | | | 132,600 | A1+M2+A2 | 51,200 |
| **5-Aug** | | | | | | | | | | | | | |
| **6-Aug** | | | | | | | | | | | | | |

[1] Qualark escapement estimate - does not include Chilliwack, Pitt, Harrison, Birkenhead, Big Silver, Weaver, and Cultus.

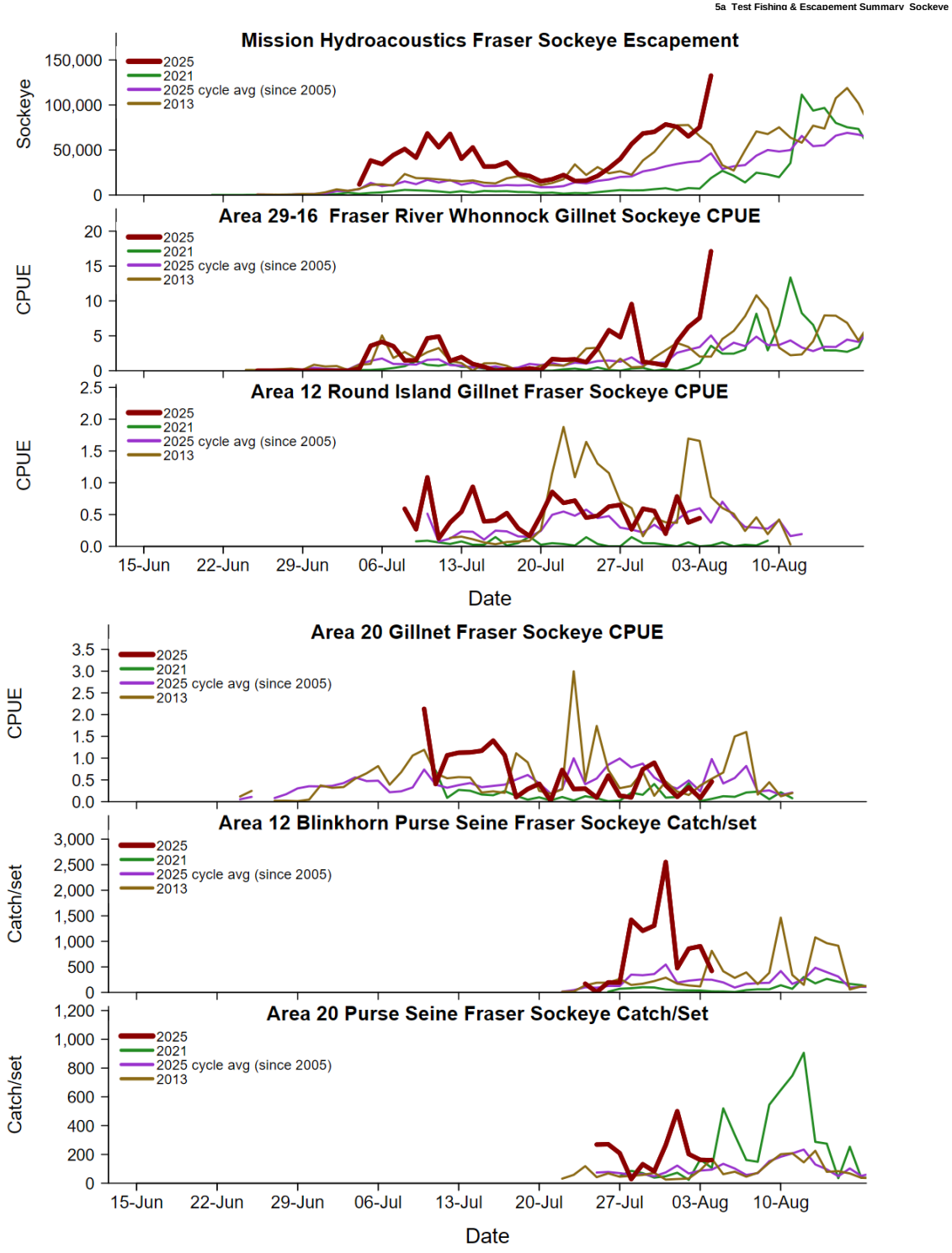
[2] Qualark source:
RB + LB = Right-bank (RB) + Left-bank (LB)

[3] Mission escapement estimate - does not include Pitt

[4] *Mission Source:*
A1+M2 = Left bank ARIS (A1) + Mobile ARIS (M2)
A1+M2+A2 = Left bank ARIS (A1) + Mobile ARIS (M2) + Right bank ARIS (A2)

[5] Daily Hells Gate abundance estimate; actual daily count has been expanded.

* Two vessels fishing


5a Test Fishing & Escapement Summary Sockeye
Mission Hydroacoustics Fraser Sockeye Escapement
Sockeye
150,000
100,000
50,000
0
2025
2021
2025 cycle avg (since 2005)
2013
Area 29-16 Fraser River Whonnock Gillnet Sockeye CPUE
CPUE
20
15
10
5
0
Area 12 Round Island Gillnet Fraser Sockeye CPUE
2.5
2.0
1.5
1.0
0.5
0.0
15-Jun
22-Jun
29-Jun
06-Jul
13-Jul
20-Jul
27-Jul
03-Aug
10-Aug
Date
Area 20 Gillnet Fraser Sockeye CPUE
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Area 12 Blinkhorn Purse Seine Fraser Sockeye Catch/set
Catch/set
3,000
2,500
2,000
1,500
1,000
500
0
Area 20 Purse Seine Fraser Sockeye Catch/Set
1,200
1,000
800
600
400
200
0
15-Jun
22-Jun
29-Jun
06-Jul
13-Jul
20-Jul
27-Jul
03-Aug
10-Aug
Date

**5a_Test Fishing & Escapement Summary_Pinks**

## 2025 Fraser Pink Test Fishing & Escapement Summary

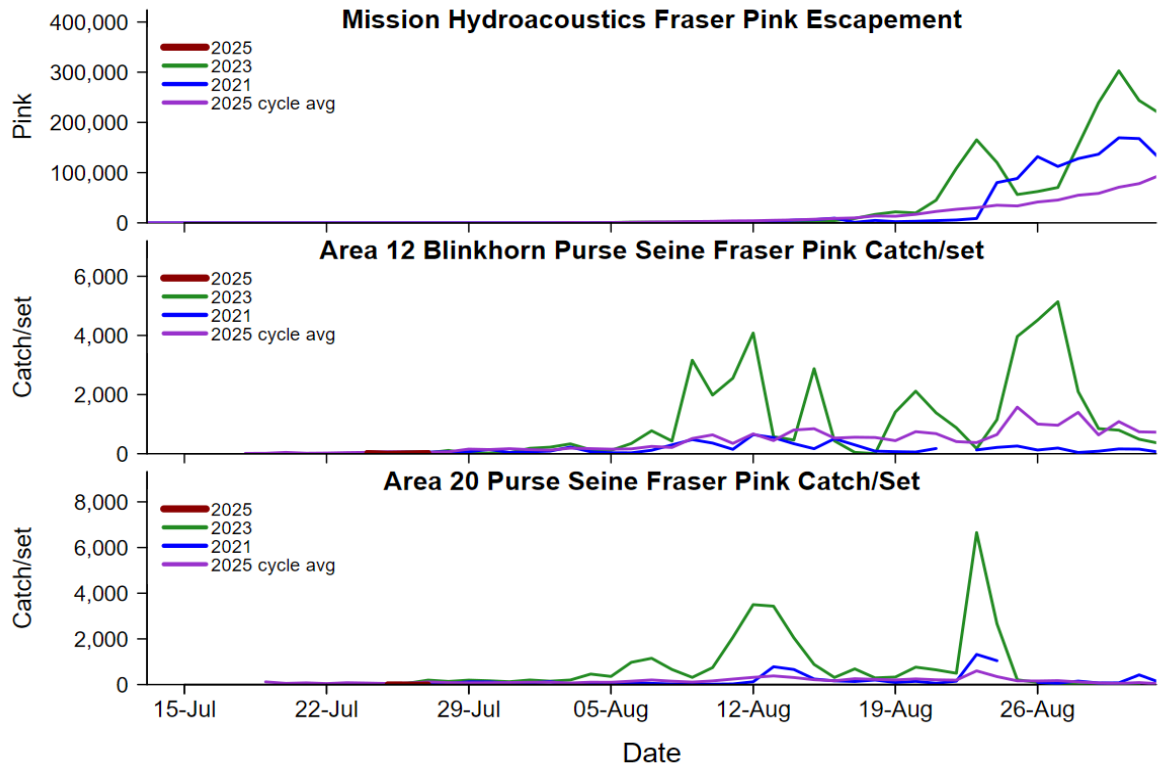
| | Johnstone Strait | | Juan de Fuca Strait | | Fraser River | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Area/Gear | A12 GN | A12 PS | A20 GN * | A20 PS | A29-17 GN | A29-16 GN | Whon CPUE | Qualark | | | Mission Hydroacoustics | | Hell's Gate |
| Location | Round Is | Blinkhorn | Port Renfrew | Port Renfrew | Brownsville Bar | Whonnock | Estimate | GN Catch | Estimate | Method[1] | Estimate | Method[2] | Estimates[3] |
| From A20 | (-2 days) | (- 2 days) | (0 days) | (0 days) | | | | | | | | | |
| 15-Jul | 7 | | 27 | | 0 | 0 | 0.00 | 0 | 0 | RB+LB | 0 | A1+M2+A2 | 0 |
| 16-Jul | 3 | | 38 | | 0 | 0 | 0.00 | 0 | 0 | RB+LB | 0 | A1+M2+A2 | 0 |
| 17-Jul | 12 | | 48 | | 0 | 0 | 0.00 | 0 | 0 | RB+LB | 0 | A1+M2+A2 | 0 |
| 18-Jul | 10 | | 5 | | 0 | 0 | 0.00 | 0 | 0 | RB+LB | 0 | A1+M2+A2 | 0 |
| 19-Jul | 3 | | 53 | | 0 | 0 | 0.00 | 0 | 0 | RB+LB | 0 | A1+M2+A2 | *No Count* |
| 20-Jul | 28 | | 14 | | 0 | 0 | 0.00 | 0 | 0 | RB+LB | 0 | A1+M2+A2 | *No Count* |
| 21-Jul | 36 | | 0 | | 0 | 0 | 0.00 | 0 | 0 | RB+LB | 0 | A1+M2+A2 | 0 |
| 22-Jul | 16 | | 19 | | 0 | 0 | 0.00 | 0 | 0 | RB+LB | 0 | A1+M2+A2 | 0 |
| 23-Jul | 16 | | 9 | | 0 | 0 | 0.00 | 0 | 0 | RB+LB | 0 | A1+M2+A2 | 0 |
| 24-Jul | 39 | 2492 (5 sets) | 18 | | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | 0 |
| 25-Jul | 21 | 92 (5 sets) | 10 | 257 | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | 0 |
| 26-Jul | 3 | 1,014 | 24 | 86 | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | 0 |
| 27-Jul | 31 | 1,923 | 27 | 117 | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | 4,380 |
| 28-Jul | 20 | 4,890 | 16 (5 sets) | 309 | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | 7,480 |
| 29-Jul | 17 | 6,224 | 114 | 313 | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | *No Count* |
| 30-Jul | 27 | 7,502 | 90 | 145 | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | 1,390 |
| 31-Jul | 22 | 11,911 | 95 | 5,774 | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | 20,030 |
| 1-Aug | 29 | 6,384 | 7 | 8,265 | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | *No Count* |
| 2-Aug | 38 | 5,130 | 153 | 10,680 | 0 | 0 | 0.00 | 0 | 0 | RB + LB | 0 | A1+M2+A2 | 0 |
| 3-Aug | 19 | 3642 (5 sets) | 1 | 12,115 | 2 | 0 | 0.00 | 0 | 0 | RB + LB | 2000 | A1+M2+A2 | 0 |
| 4-Aug | **End** | 3,201 | 76 | 4,681 | 0 | 1 | 0.08 | | | | 2020 | A1+M2+A2 | 0 |
| 5-Aug | | | | | | | | | | | | | |
| 6-Aug | | | | | | | | | | | | | |

[1] Qualark source:
RB + LB = Right-bank (RB) + Left-bank (LB)

[2] Mission source:
A1+M2+A2 = Left bank ARIS (A1) + Mobile ARIS (M2) + Right bank ARIS (A2)

[3] Daily Hells Gate abundance estimate; actual daily count has been expanded.

* Two vessels fishing



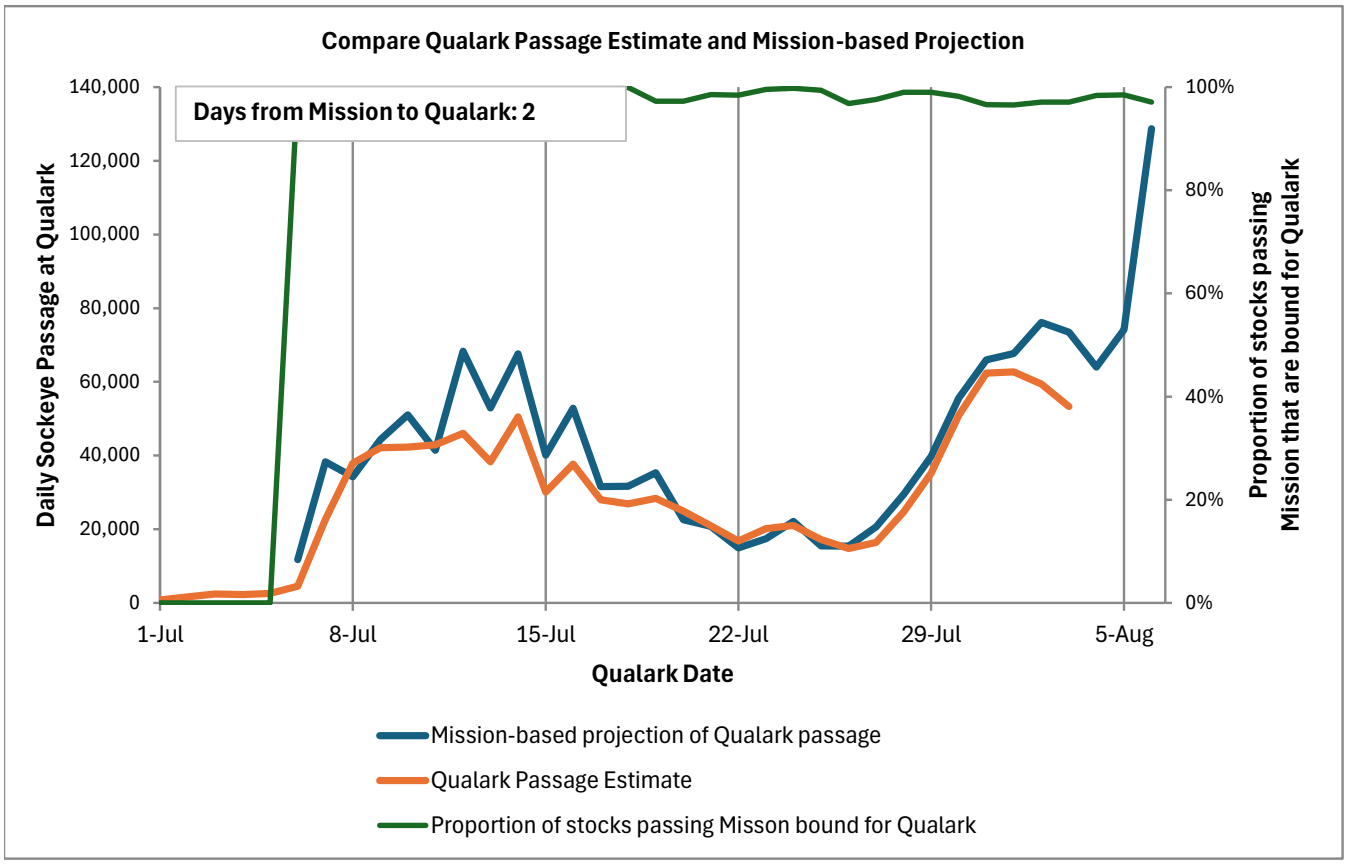
## 5b. Comparison of predictions from Mission to Qualark

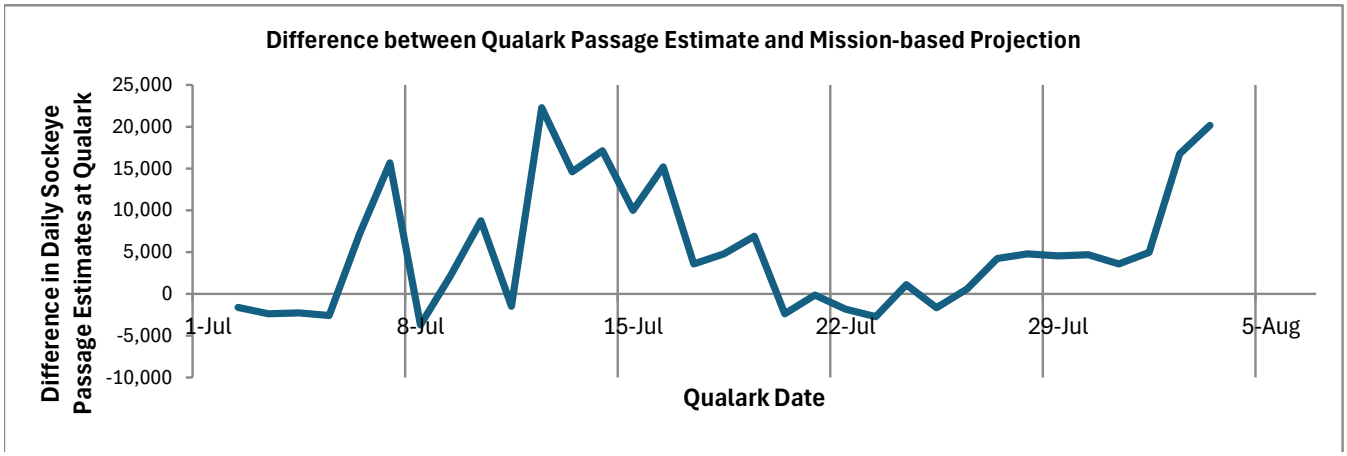
Year: **2025**

Date: 5-Aug-25

Time: 9:42 AM

| | All Days | *Common Days |
|---|---|---|
| Mission projection | 1,425,664 | 1,158,727 |
| Qualark estimate | 988,616 | 978,972 |
| | **Difference** | **179,755** |
| | **%Difference** | **16%** |



## 5d. Fraser River Sockeye Salmon Stock identification Review

Recent stock composition estimates for sockeye salmon

| | | | | | | Fraser-only Stock Proportions by Reporting Group[4] (%) | | | | | | | | | | | | | Age (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Early Stuart | Early Summer | | | | | Summer | | | | | Late | | | | Overall Stocks |
| Area/Gear[1] | Fishing Sector[2] | Date | Sample Type[3] | Size (n) | %Fraser | Early Stuart | Chilli-wack | Pitt Alouette Coquit-lam | Nadina Bowron Gates Nahat-latch Taseko | Early Thomp-son | Early Summer sub-total | Harri-son Widg-eon | Late Stuart Stellako | Chilko Ques-nel | Raft North Thomp-son | Summer sub-total | Birken-head Big Silver | Late Shuswap Portage | Weaver Cultus | Late sub-total | Age-4$_2$ |
| **Johnstone Strait & Queen Charlotte Strait** | | | | | | | | | | | | | | | | | | | | | |
| A12 ps | tf | Jul 29 | DNA | 100 | 95% | 0% | | | 4% | 1% | 5% | | 59% | 32% | | 90% | | 0% | 4% | 4% | 98% |
| A12 ps | tf | Aug 1 | DNA | 95 | 87% | 0% | | | 1% | 2% | 4% | | 50% | 33% | 2% | 85% | 4% | 7% | 1% | 12% | 99% |
| A12 gn | tf | Jul30-Aug1 | DNA | 74 | 87% | 0% | | | 5% | 5% | 10% | 2% | 37% | 52% | | 90% | | | | 0% | NA |
| A12 ps | | Aug 6 | Prediction | 1 | 96% | 0% | | | 2% | 1% | 3% | | 36% | 48% | 1% | 85% | 3% | 5% | 4% | 12% | NA |
| **Juan de Fuca Strait & Washington & Other** | | | | | | | | | | | | | | | | | | | | | |
| A20 gn | tf | Jul 29 | DNA | 95 | 99% | 0% | 1% | 2% | 9% | 10% | 22% | | 31% | 45% | | 75% | 3% | | | 3% | 94% |
| A20 ps | tf | Aug 1 | DNA | 70 | 100% | 0% | | | 4% | 4% | 9% | | 41% | 37% | | 79% | 7% | 6% | | 13% | 100% |
| A20 gn | tf | Aug1-2 | DNA | 57 | 96% | 0% | | 2% | 2% | 3% | 7% | | 35% | 52% | 1% | 88% | 4% | 2% | | 5% | NA |
| A20 ps | tf | Aug 3 | DNA | 98 | 97% | 0% | | | 2% | 3% | 4% | | 40% | 47% | | 87% | 4% | 2% | 2% | 9% | 99% |
| A20 ps | | Aug 6 | Prediction | 1 | 99% | 0% | | | 1% | 2% | 4% | 0% | 40% | 45% | 1% | 86% | 3% | 5% | 3% | 11% | NA |
| **In-river** | | | | | | | | | | | | | | | | | | | | | |
| AB gn | tf | Jul31-Aug1 | DNA | 58 | 98% | 0% | | | 15% | 7% | 23% | | 47% | 30% | | 77% | | | | 0% | NA |
| AB gn | tf | Aug2-3 | DNA | 100 | 100% | 0% | | | 17% | 7% | 23% | 1% | 26% | 49% | | 76% | 1% | | | 1% | NA |
| BB gn | tf | Jul30-31 | DNA | 100 | 100% | 1% | | | 7% | 4% | 12% | 3% | 38% | 43% | | 85% | 1% | 2% | | 3% | 97% |
| BB gn | tf | Aug1-2 | DNA | 100 | 100% | 0% | | | 3% | 6% | 10% | | 47% | 39% | 3% | 89% | 1% | 0% | 0% | 1% | 95% |

**Notes for sockeye and pink tables:**

[1] BB GN=29_13 (Brownsville), AT = Alaska Twist, AB GN=29_16 (Whonnock), MA FW=Matsqui Fish Wheel, QU GN=Qualark

[2] TF=sample from test fishery catch, CM=sample from commercial catch, C&S=ceremonial & subsistence catch, FSC=food, social, & ceremonial catch, rec= recreational catch

[3] Predictions for sockeye are multinomial extrapolations of current year data to 5 days after the last observation; Predictions for pink salmon are projections of stock compositions based on historic and current data

[4] Further information relating stock group descriptions to spawning ground locations and population definitions can be found at http://www.psc.org/FRPWeb/Escapement/PSC_Fraser_Sockeye_Stock_Group_Definitions.pdf

Results in grey text have been presented to the Panel previously

**5ei. Environmental report**

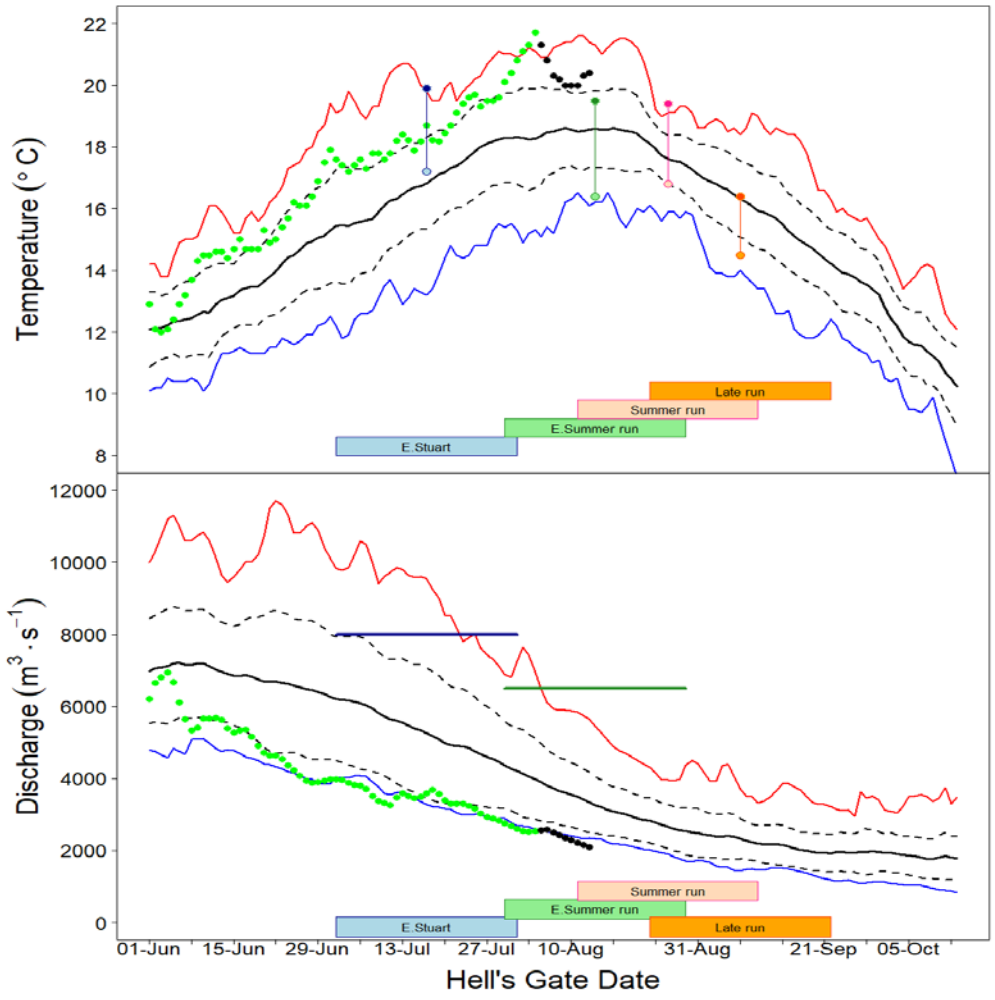
# Fraser River Environmental Report for August 04, 2025

| | |
|---|---|
| **Observed Fraser River Temperature at Qualark for 04-Aug** | 21.7°C |
| **Average (1991-2020) Historical Temperature on this day** | 18.3°C |
| **Deviation from Average** | 3.4°C |
| **Forecast Temperature for 10-Aug-25** | 20°C |

The forecast in Kamloops and Prince George is for variable temperature through the forecast period.

| | |
|---|---|
| **Observed Fraser River Discharge at Hope for 04-Aug** | 2535 $m^3 \cdot s^{-1}$ |
| **Average (1991-2020) Historical Discharge on this day** | 3983 $m^3 \cdot s^{-1}$ |
| **% above or below Historical Discharge** | -36% |
| **Forecast Discharge for 10-Aug-25** | 2284 $m^3 \cdot s^{-1}$ |

The forecast in Kamloops and Prince George is for 6 mm and 13 mm precipitation, respectively.



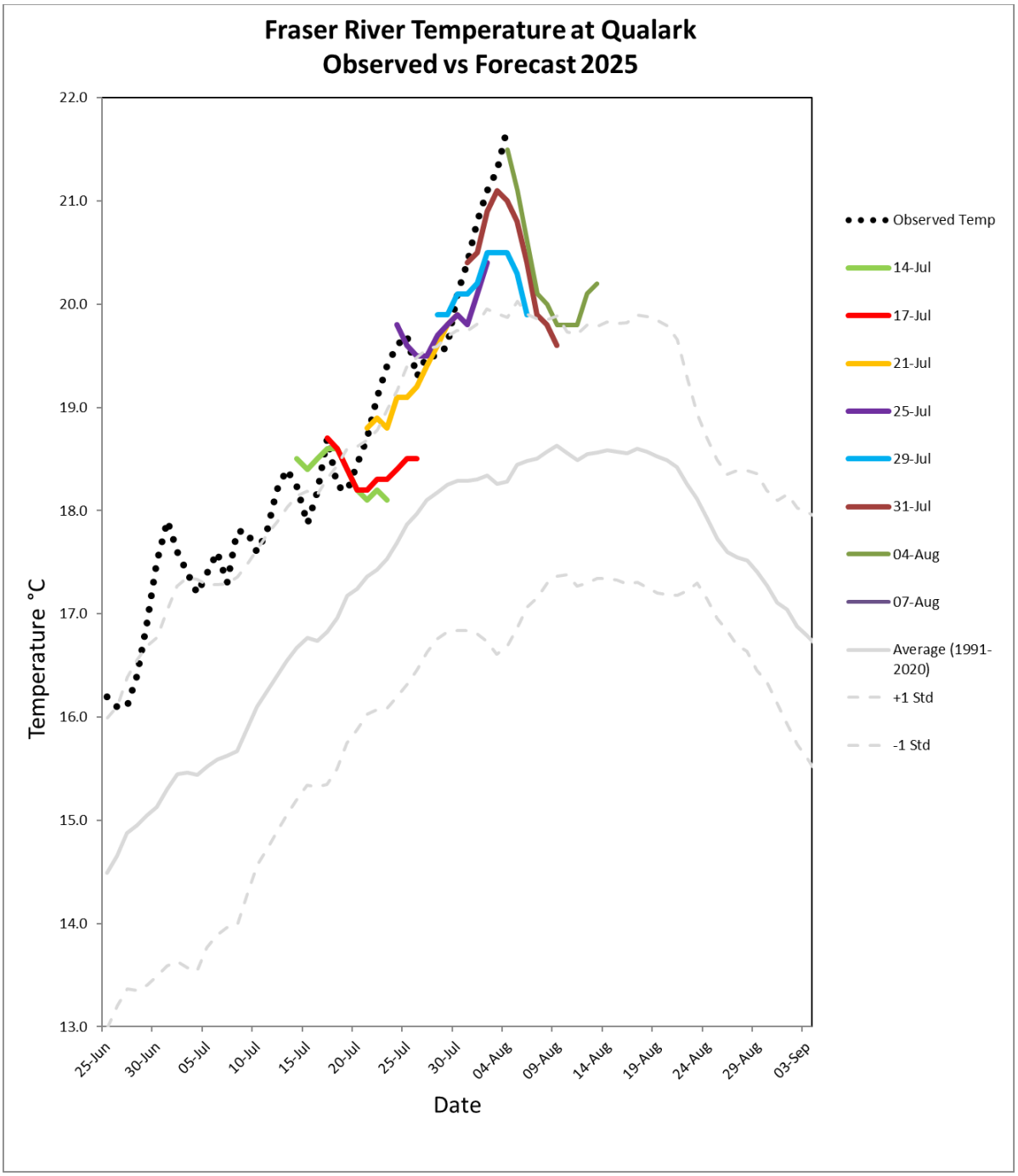

**Temperature Legend**

- Mean Temp (1991-2020)
- +/- sd
- Min Temp (1991-2020)
- Max Temp (1991-2020)
- Current Temp
- Forecast Temp
- Opt. T of stock group*
- Upper T range of stock group**

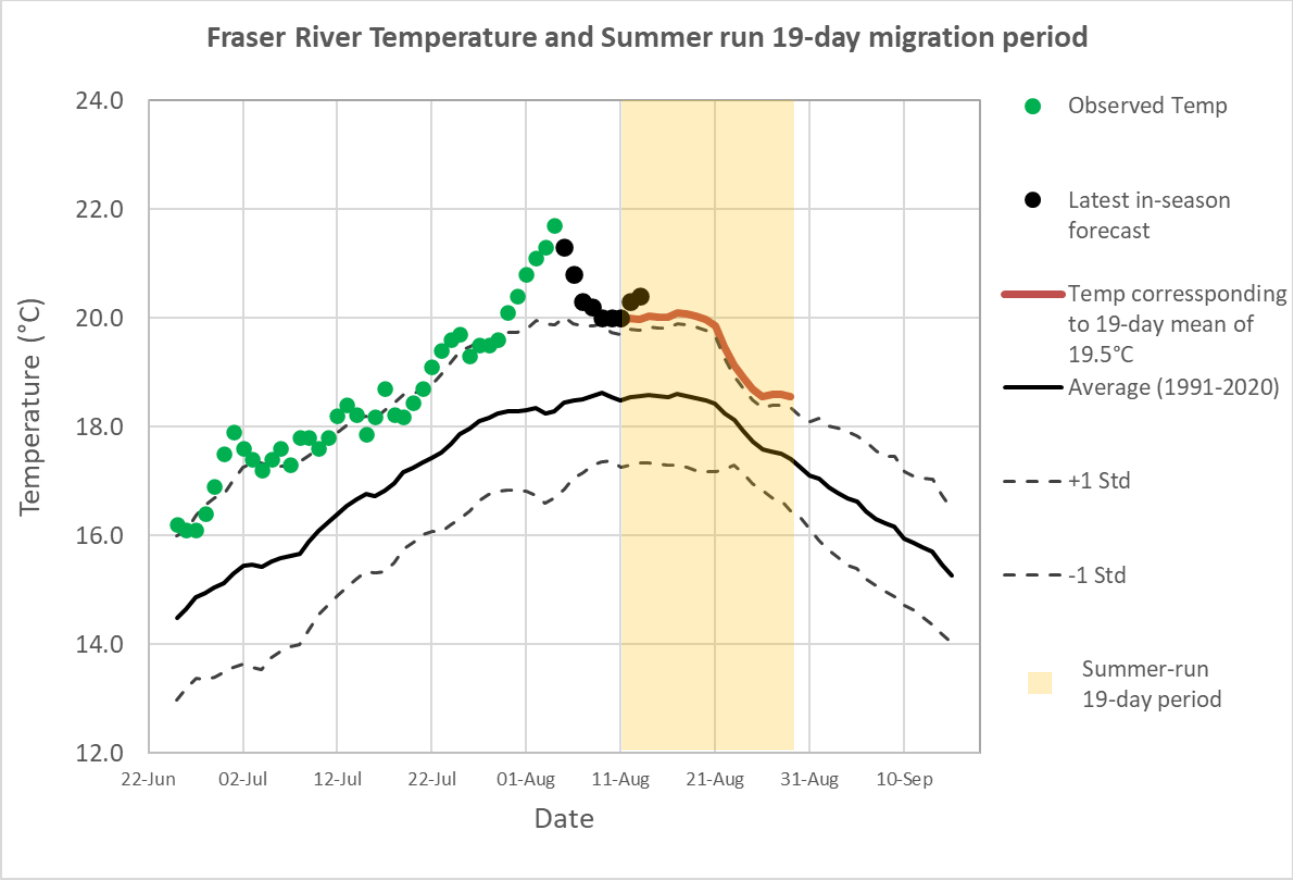
**Discharge Legend**

- Mean Dis (1991-2020)
- +/- sd
- Min Dis (1991-2020)
- Max Dis (1991-2020)
- Current Dis
- Forecast Dis
- E.Stuart Threshold ($m^3 \cdot s^{-1}$)[i]
- E.Summer Threshold ($m^3 \cdot s^{-1}$)[ii]

Run timing bars represent a 31 day spread of the run centered around the Hell's Gate date. Hell's gate timing is 5 days from Mission for Early Stuart and Late run; and 4 days from Mission for Early Summer and Summer run.'pMA is the proportional increase to spawning escapement targets to help ensure targets are achieved."%DBE is %difference betweeen estimates of potential spawning escapement and spawning escapement.*This is the optimum temp for aerobic swimming - $T_{opt}$ (Eliason et al. (2011). Science 332: 109-112)**This is the upper range of the optimum temp for aerobic swimming - $T_{pejus}$. [i]Discharge threshold of 8000cms for Early Stuart from Macdonald (2000). Can. Tech. Rep. Fish. Aquat. Sci. 2315: 120p. [ii]Discharge threshold of 6500cms for Early Summer run from Macdonald et al. (2010). Trans. Am. Fish. Soc. 139: 768-782. 19 days of T & Q data are required to calculate a pMA - 15 days before the Hell's Gate Date and 3 days after. MA estimates can be calculated 4 days after the Area 20 date.

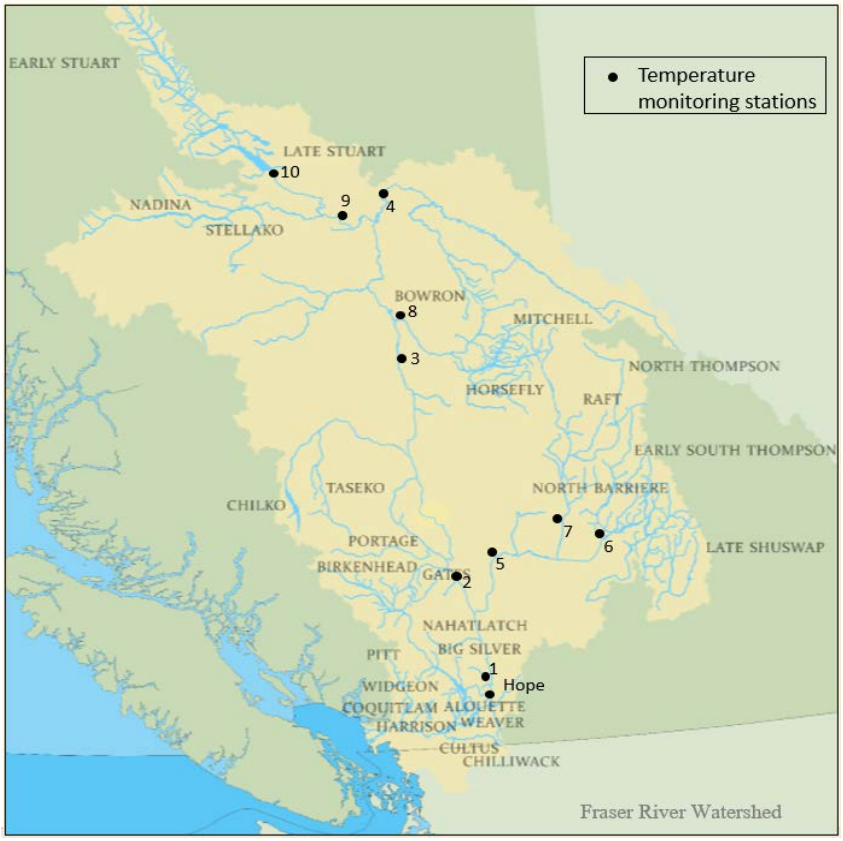

Fraser River Temperature at Qualark
Observed vs Forecast 2025
Temperature °C
22.0
21.0
20.0
19.0
18.0
17.0
16.0
15.0
14.0
13.0
25-Jun
30-Jun
05-Jul
10-Jul
15-Jul
20-Jul
25-Jul
30-Jul
04-Aug
09-Aug
14-Aug
19-Aug
24-Aug
29-Aug
03-Sep
Date
Observed Temp
14-Jul
17-Jul
21-Jul
25-Jul
29-Jul
31-Jul
04-Aug
07-Aug
Average (1991-2020)
+1 Std
-1 Std

**5eii. pDBE forecast and sensitivity analysis**

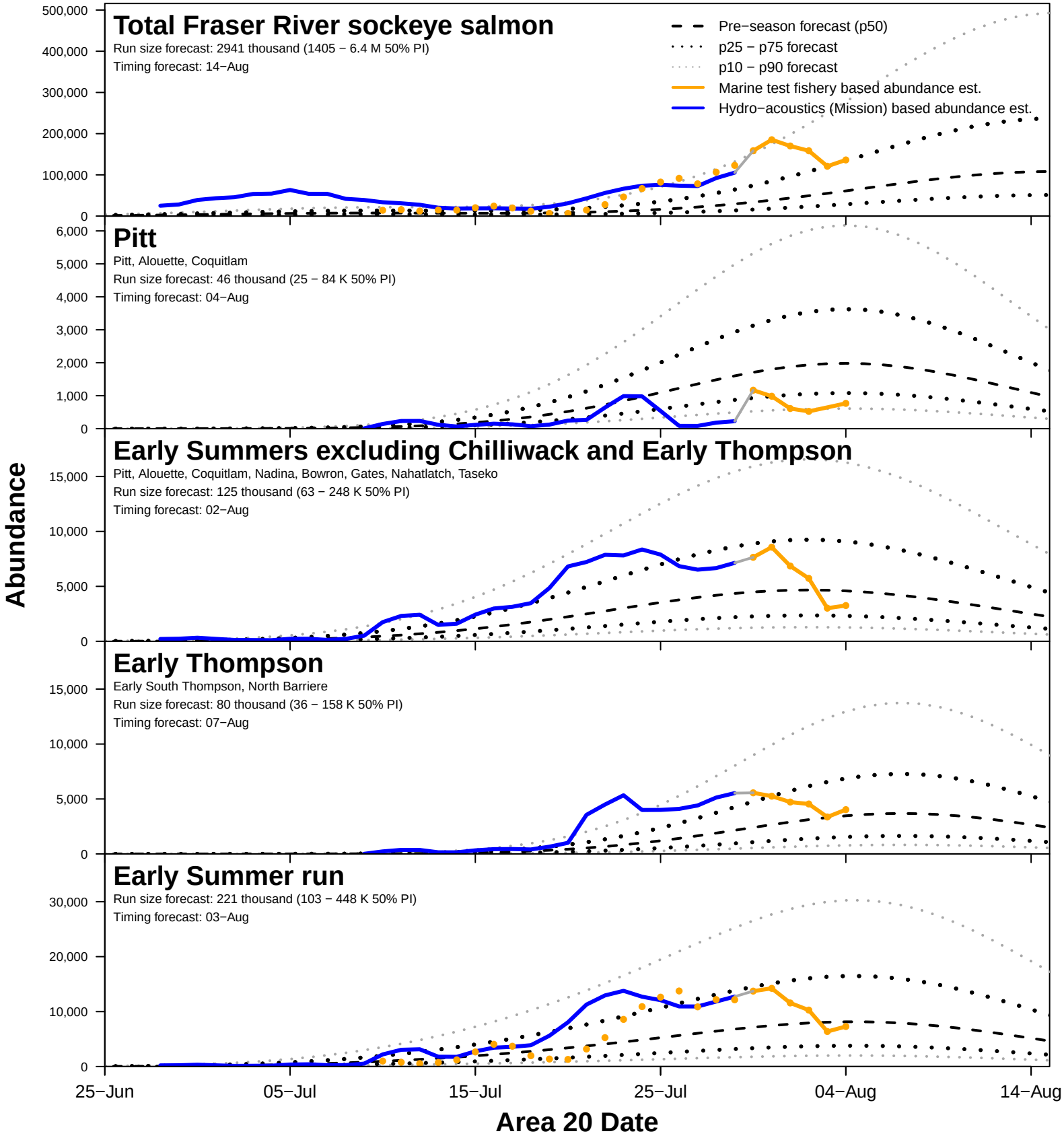


## 5eiii. Current temperatures in areas of the Fraser Watershed

| Map # | Current Temperatures 03-Aug | Daily Mean | Historic Mean | Deviation from Historical Mean | Historic Year Range |
|---|---|---|---|---|---|
| | **Fraser River Mainstem** | | | | |
| 1 | Fraser River @ Qualark | 21.3 | 18.3 | 3.0 | 1991-2020 |
| 2 | Fraser River @ Texas Creek | na | 18.3 | na | 2006-2024 |
| 3 | Fraser River @ Marguerite | 20.8 | 18.6 | 2.2 | 2015-2024 |
| 4 | Upper Fraser @ Shelley | 17.1 | 15.1 | 2.0 | 1994-2024 |
| | **Fraser River Tributaries** | | | | |
| 5 | Thompson R. @ Ashcroft | 21.1 | 17.9 | 3.2 | 1995-2024 |
| 6 | South Thompson @ Chase | 22.4 | 19.2 | 3.2 | 1994-2024 |
| 7 | North Thompson @ McLure | 18.5 | 15.5 | 3.0 | 2006-2023 |
| 8 | Quesnel R. @ Quesnel | 19.4 | 16.4 | 3.0 | 2000-2024 |
| 9 | Nechako R. @ Isle Pierre | 20.6 | 19.0 | 1.6 | 2006-2024 |
| 10 | Stuart R. @ Ft. St. James | 21.4 | 18.7 | 2.7 | 2000-2024 |

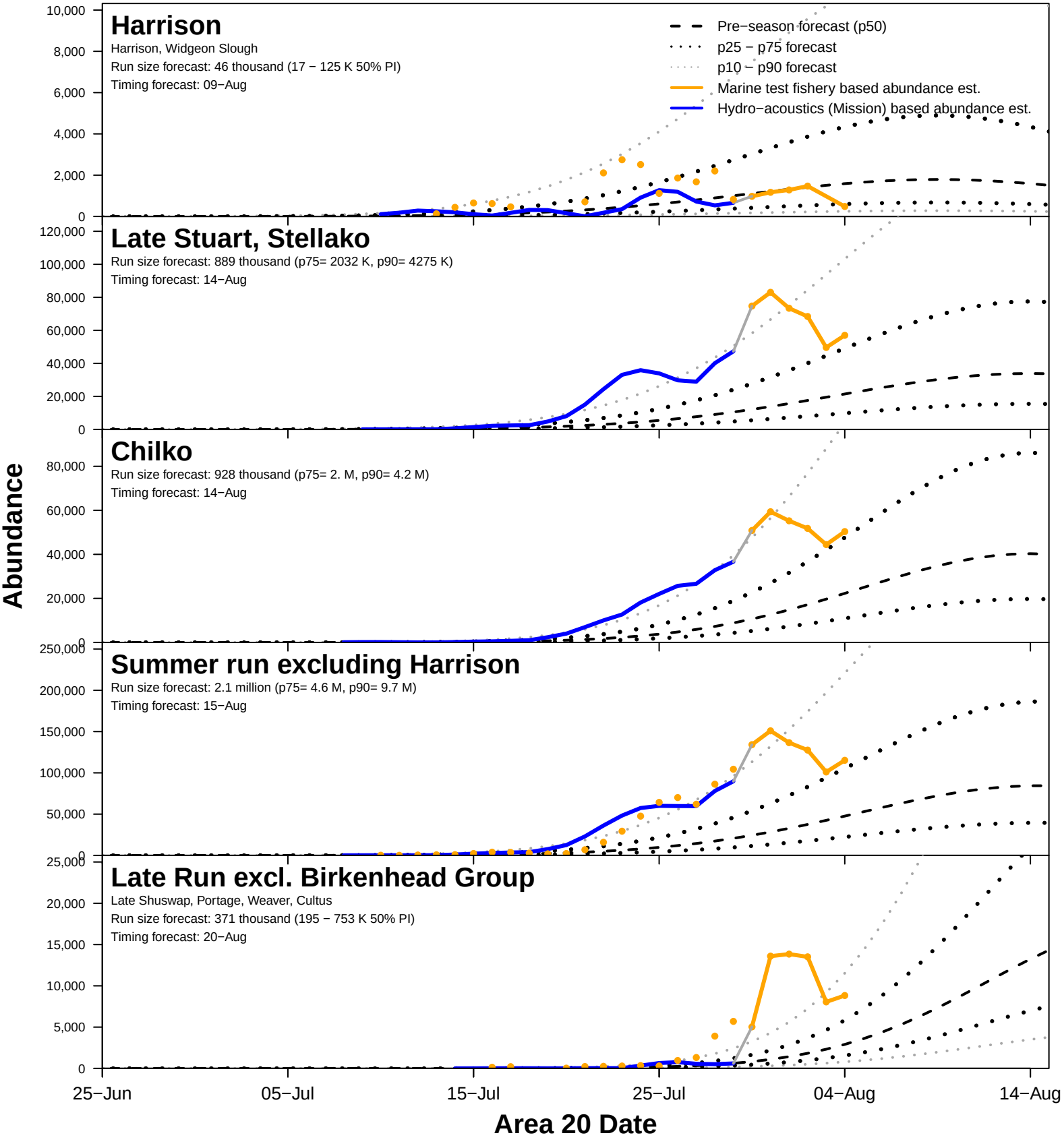


# 6a. 2025 Fraser River sockeye salmon daily migration




Date: 2025−08−05, Time: 09:54 DB

# 6a. 2025 Fraser River sockeye salmon daily migration




Date: 2025−08−05, Time: 09:54 DB

## 6b. 2025 Fraser River sockeye abundance en-route to Mission

Current date: 05-Aug

| Area 20 date / Mission date | Escapement past Mission through 04-Aug | Projected abundance en route to Mission based on marine test fishery data[1,2] 30-Jul / 05-Aug | 31-Jul / 06-Aug | 01-Aug / 07-Aug | 02-Aug / 08-Aug | 03-Aug / 09-Aug | 04-Aug / 10-Aug | Total | 80% PI[3] 10p | 80% PI[3] 90p | Escapement + projections through 10-Aug |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Fraser** | **1,453,800** | **134,800** | **157,100** | **256,900** | **85,900** | **119,900** | **143,800** | **898,400** | **540,400** | **1,333,500** | **2,352,200** |
| **Early Stuart** | **731,900** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **731,900** |
| **Early Summer Run** | **150,700** | **13,600** | **10,700** | **17,600** | **6,100** | **4,600** | **10,600** | **63,200** | **31,000** | **130,800** | **213,900** |
| Chilliwack | 4,400 | 700 | 100 | 0 | 0 | 0 | 0 | 800 | 400 | 1,700 | 5,200 |
| Pitt/Alouette/Coquitlam | 5,600 | 1,900 | 800 | 300 | 800 | 0 | 1,500 | 5,300 | 2,600 | 11,000 | 10,900 |
| Nadina group[4] | 95,800 | 6,600 | 5,800 | 10,100 | 2,500 | 1,600 | 4,200 | 30,800 | 15,100 | 63,800 | 126,600 |
| Early Thompson[5] | 44,900 | 4,400 | 4,000 | 7,200 | 2,800 | 3,000 | 4,900 | 26,300 | 12,900 | 54,400 | 71,200 |
| **Summer Run** | **559,700** | **115,400** | **133,400** | **201,600** | **69,800** | **103,300** | **120,800** | **744,300** | **454,000** | **1,071,800** | **1,304,000** |
| Harrison / Widgeon[2] | 8,700 | 400 | 900 | 2,200 | 800 | 0 | 1,000 | 5,300 | 3,200 | 7,600 | 14,000 |
| Late Stuart / Stellako | 313,900 | 63,500 | 72,500 | 109,700 | 32,800 | 56,500 | 53,700 | 388,700 | 237,100 | 559,700 | 702,600 |
| Chilko | 202,000 | 44,600 | 52,300 | 79,100 | 31,200 | 40,900 | 56,800 | 304,900 | 186,000 | 439,100 | 506,900 |
| Quesnel | 31,100 | 6,600 | 6,800 | 8,500 | 4,200 | 3,900 | 8,300 | 38,300 | 23,400 | 55,200 | 69,400 |
| Raft / North Thompson | 4,000 | 300 | 900 | 2,100 | 800 | 2,000 | 1,000 | 7,100 | 4,300 | 10,200 | 11,100 |
| **Late Run** | **11,500** | **5,800** | **13,000** | **37,700** | **10,000** | **12,000** | **12,400** | **90,900** | **55,400** | **130,900** | **102,400** |
| Birkenhead / Big Silver | 7,900 | 0 | 3,300 | 12,800 | 3,800 | 3,500 | 3,900 | 27,300 | 16,700 | 39,300 | 35,200 |
| Late Shuswap / Portage[2] | 2,900 | 0 | 4,900 | 19,000 | 5,100 | 6,600 | 5,000 | 40,600 | 24,800 | 58,500 | 43,500 |
| Weaver / Cultus[2] | 700 | 5,800 | 4,800 | 5,900 | 1,100 | 1,900 | 3,500 | 23,000 | 14,000 | 33,100 | 23,700 |

[1] En route catches are incomplete: catches from present and future fisheries must be deducted from projections and added to the catches removed

[2] Projected abundances en route to Mission include Harrison and Late runs, an uncertain number of which are expected to delay

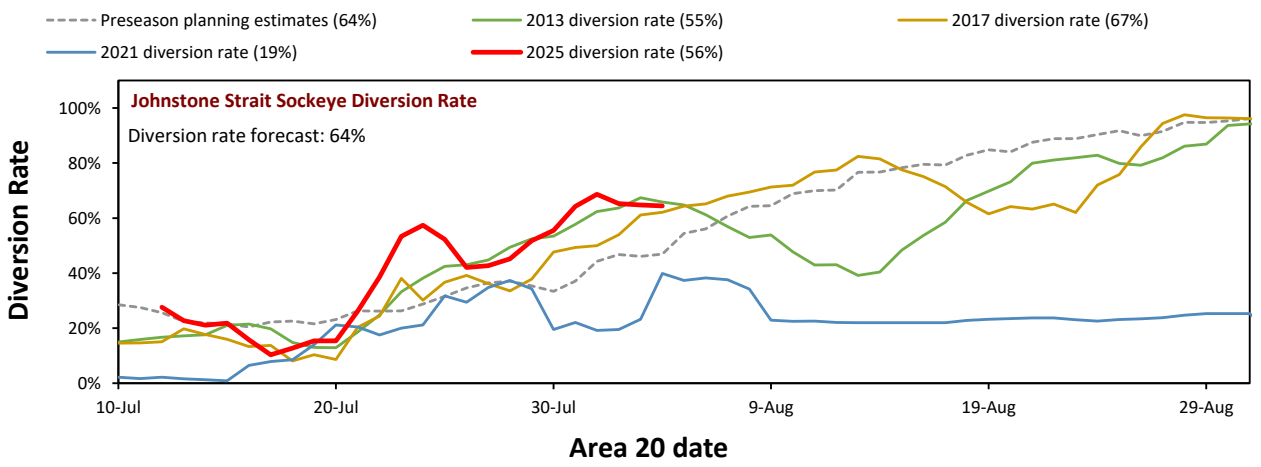
[3] 80% Probability Interval: there exists an 80% chance that the true abundance lies within this interval

[4] Nadina / Bowron / Gates / Nahatlatch / Taseko

[5] Early South Thompson / North Barriere

## 6c. 2025 Fraser River sockeye diversion rates through Johnstone Strait

| | 5-day-average |
|---|---|
| **Diversion rate** | **64%** |



# 6e Fraser River run size and timing estimates

**The information presented on this page has been prepared by PSC Secretariat Staff. All in-season estimates of run size and timing should be considered draft preliminary estimates unless adopted by the Fraser River Panel.**

Preseason forecasts, inseason estimates, and official estimates of run size and associated timing

| | Run Size | | | | | | Run Size Components | | | | Run Timing[1] | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inseason Adopted | Preseason Forecast | Inseason estimate | Inseason 80% PIs[2] 10% PI | Inseason 80% PIs[2] 90% PI | Method | Catch + Escapement | 6-day Projection[3] | Seaward Abundance | Migration Delay | Inseason Adopted | Preseason Forecast | Inseason estimate | Inseason 80% PIs[2] 10% PI | Inseason 80% PIs[2] 90% PI | Method |
| **Early Stuart Run** | **725,000** | **116,000** | ✓ **736,000** | ***736,000*** | ***736,000*** | **Recon** | **736,000** | **0** | **0** | **0** | **06-Jul** | **08-Jul** | **06-Jul** | ***06-Jul*** | ***06-Jul*** | **Recon** |
| **Early Summer Run** | **300,000** | **221,000** | ◇ **308,000** | ***183,000*** | ***669,000*** | **Sum** | **153,000** | **64,000** | **91,000** | **0** | **29-Jul** | **03-Aug** | **30-Jul** | ***24-Jul*** | ***15-Aug*** | **50% Date** |
| Chilliwack | | 15,000 | ● 5,000 | 4,000 | 5,000 | Recon | 4,000 | 1,000 | 0 | 0 | | 18-Jul | 22-Jul | 21-Jul | 22-Jul | Recon |
| Nadina Group[4] | | 80,000 | ▲ 177,000 | *147,000* | *223,000* | Sum | 97,000 | 32,000 | 48,000 | 0 | | 31-Jul | 28-Jul | *24-Jul* | *08-Aug* | 50% Date |
| Pitt/Alouette/Coquitlam | | 46,000 | ◇ 46,000 | *14,000* | *142,000* | p50 Forecast | 6,000 | 5,000 | 35,000 | 0 | | 04-Aug | 04-Aug | *25-Jul* | *14-Aug* | p50 Forecast |
| Early Thompson[5] | | 80,000 | ▲ 80,000 | *18,000* | *299,000* | p50 Forecast | 46,000 | 26,000 | 8,000 | 0 | | 07-Aug | 07-Aug | *30-Jul* | *15-Aug* | p50 Forecast |
| **Summer Run** | **NA** | **2,136,000** | ◇ **3,928,000** | ***2,947,000*** | ***10,418,000*** | **Sum** | **582,000** | **744,000** | **2,594,000** | **8,000** | **NA** | **15-Aug** | **11-Aug** | ***07-Aug*** | ***16-Aug*** | **Weight** |
| Harrison / Widgeon | | 46,000 | ◇ 54,000 | *24,000* | *153,000* | Model | 9,000 | 5,000 | 32,000 | 8,000 | | 09-Aug | 05-Aug | *30-Jul* | *13-Aug* | Model |
| Late Stuart / Stellako | | 889,000 | ◇ 2,040,000 | *1,634,000* | *5,394,000* | Model (Mode) | 326,000 | 389,000 | 1,325,000 | 0 | | 14-Aug | 11-Aug | *07-Aug* | *15-Aug* | Model |
| Chilko | | 928,000 | ◇ 1,560,000 | *1,231,000* | *3,606,000* | Model (Mode) | 210,000 | 305,000 | 1,045,000 | 0 | | 14-Aug | 10-Aug | *07-Aug* | *13-Aug* | Model |
| Quesnel | | 260,000 | ◇ 260,000 | *55,000* | *1,200,000* | p50 Forecast | 32,000 | 38,000 | 190,000 | 0 | | 18-Aug | 18-Aug | *10-Aug* | *26-Aug* | p50 Forecast |
| Raft / North Thompson | | 14,000 | ◇ 14,000 | *4,000* | *65,000* | p50 Forecast | 4,000 | 7,000 | 3,000 | 0 | | 23-Aug | 23-Aug | *16-Aug* | *30-Aug* | p50 Forecast |

[1] Run timing refers to the date when 50% of the run migrated past the Area 20 reference point.

[2] 80% Probability Interval: there exists an 80% chance that the true abundance lies within this interval

[3] Normally based on test fishery data. Based on Model if Method = Recon(2).

[4] Nadina / Bowron / Gates / Nahatlatch / Taseko.

[5] Early South Thompson / North Barriere.

**Methods for run size & timing estimation**

| | |
|---|---|
| p50 forecast | Preseason forecast level |
| Model | Run size assessment model (median) |
| Recon | Catch + escapement + 6-day test fish projection + model seaward projection |
| 50% Date | Double the reconstructed abundance observed at the assumed 50% date |
| Sum | Sum of individual groups |
| Weight | Weighted average of individual groups |

**Run Size Uncertainty Legend†**

✓ ≥ 95% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 5%. Clear indication of run size; minor run size updates still expected

● ≥ 70% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 20%. Good indication of run size; peak fo the run has been observed at Mission, uncertainty relates to 6 day projection and seaward abundance

▲ ≥ 50% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 35%. Decent indciation of run size.

◇ < 50% of the run size has been accounted for in catch + escapement. The CV associated with the run size can be as high as 80%. Uncertain or early indciation of run size based on marine data

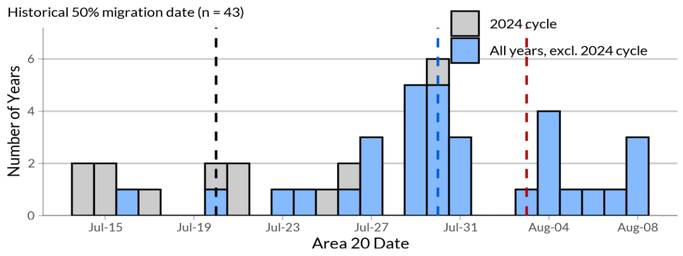
† The **Run Size Uncertainty Indicator** is a categorical indication of the degree of uncertainty present in the run size estimate. Estimates are categorized quantitatively based on the proportion of the run that has been accounted for with high certainty in catch + escapement.

***Run size forecasts by management group***

| Management Group | p10 | p25 | p50 | p75 | p90 |
|---|---|---|---|---|---|
| Early Stuart Run | 42,000 | 72,000 | 116,000 | 202,000 | 319,000 |
| Early Summer Run | 55,000 | 103,000 | 221,000 | 448,000 | 820,000 |
| Summer Run | 522,000 | 991,000 | 2,136,000 | 4,749,000 | 10,003,000 |
| Late Run | 118,000 | 238,000 | 468,000 | 994,000 | 1,996,000 |
| Pink Salmon Run | 12,585,000 | 17,738,000 | 26,965,000 | 39,168,000 | 57,854,000 |

## Early Summer

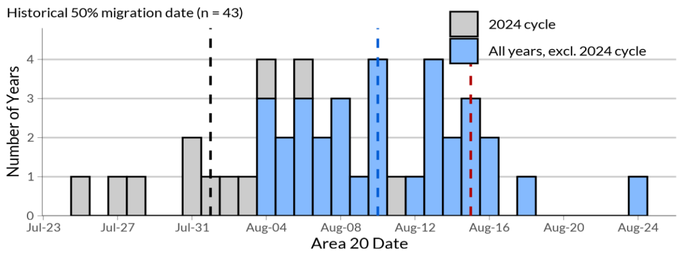
Historical 50% migration date (n = 43)




Dashed lines:
Blue = All years, excl. 2024 cycle median of Jul-30
Black = 2024 cycle-line median of Jul-20
Red = Pre-season predicted timing of Aug-03

## Summer

Historical 50% migration date (n = 43)




Dashed lines:
Blue = All years, excl. 2024 cycle median of Aug-10
Black = 2024 cycle-line median of Aug-01
Red = Pre-season predicted timing of Aug-15

### Early Summer run size based on timing

**Catch+Escapement To Date: 153,000**
**6-day Projection: 64,000**

| | Method | Run Size* | % Seaward of Mission |
|---|---|---|---|
| Based on timing of 30-Jul | 50% Date | 331,000 | 54% |
| Based on timing of 01-Aug | 50% Date | 388,000 | 61% |
| Based on timing of 03-Aug | 50% Date | 410,000 | 63% |
| Based on timing of 05-Aug | % Seaward | 561,000 | 73% |
| Based on timing of 07-Aug | % Seaward | 735,000 | 79% |

*Based on % seaward in 2013, 2017 and 2021 if timing is later than 04-Aug
*Equal to double the reconstructed abundance if timing is earlier than 05-Aug

### Summer run size based on timing

**Catch+Escapement To Date: 582,000**
**6-day Projection: 744,000**

| | Method | Run Size* | % Seaward of Mission |
|---|---|---|---|
| Based on timing of 09-Aug | % Seaward | 3,900,000 | 85% |
| Based on timing of 11-Aug | % Seaward | 5,233,000 | 89% |
| Based on timing of 13-Aug | % Seaward | 7,930,000 | 93% |
| Based on timing of 15-Aug | % Seaward | 12,249,000 | 95% |
| Based on timing of 17-Aug | % Seaward | 18,660,000 | 97% |

*Based on % seaward in 2013, 2017 and 2021 if timing is later than 04-Aug
*Equal to double the reconstructed abundance if timing is earlier than 05-Aug

## 7a Recommendations on Run Size, Timing, and MA

The following table presents the run size recommendations from PSC staff. These numbers may deviate from the model derived run size estimates as additional consideration is given to the potential strength of the tail of the run based on past observations. The Panel may either accept or reject the run size recommendations or propose alternative estimates. The run size estimates presented here may not reflect the final estimates adopted by the Fraser River Panel. The recommended timing estimates are dependent on the recommended run size estimates.

| Management Group | PSC Staff Recommendation | Run Size | | Timing | |
|---|---|---|---|---|---|
| | | Currently Adopted | PSC staff recommendation | Currently Adopted | PSC Staff recommendation |
| **Early Stuart Run** | No recommendation | 725,000 | NA | 06-Jul | NA |
| **Early Summer Run** | No recommendation | 300,000 | NA | 29-Jul | NA |
| **Summer Run*** | Recommendation | 2,136,000 | 4,000,000 | 15-Aug | 11-Aug |
| **Late Run*** | No recommendation | 468,000 | NA | 20-Aug | NA |
| **Pink Salmon Run*** | No recommendation | 27,000,000 | NA | 21-Aug | NA |

* Currently adopted estimates are based on preseason estimates

PSC staff recommends pDBE estimates which will be converted into MA estimates for consideration by the Panel. The Panel may either accept or reject the MA estimates associated with the pDBE recommendations or propose alternative estimates, by incorporating additional information, e.g., natural, environmental or stock assessment factors, that are not accounted for in the current quantitative approach. The Management Adjustment estimates presented here may not reflect the final estimates adopted by the Fraser River Panel.

| Management Group | PSC Staff Recommendation | pDBE and associated pMA estimate | | | |
|---|---|---|---|---|---|
| | | Currently Adopted | | PSC recommendation | |
| | | pDBE | pMA | pDBE | pMA |
| **Early Stuart Run** | No recommendation | -0.65 | 1.86 | NA | NA |
| **Early Summer Run** | No recommendation | -0.35 | 0.54 | NA | NA |
| **Summer Run*** | Recommendation | -0.22 | 0.28 | -0.35 | 0.54 |
| **Late Run*** | No recommendation | -0.61 | 1.56 | NA | NA |

* Currently adopted pMA estimates are estimates agreed to by the Fraser River Panel in June, 2025

File: 71007

# DRAFT AGENDA
## PSC Fraser River Panel Meeting
## Via Zoom Webinar: https://psc-org.zoom.us/j/85284137826

**FRP meeting:** Friday, August 8, 2025 at 11 am

| | | | | |
|---|---|---|---|---|
| | 1) | Roll Call (Panel and Tech members, others please email Angela Xu, frontdesk@psc.org) | 5 min | |
| | 2) | Webinar Etiquette: mute phone & chat feature | 2 min | |
| ☑ | 3) | Agenda | 5 min | |
| | **4)** | **Overview of run and catch status** | 5 min | PSC staff |
| ☑ | | a) Accounted run to date relative to forecast and adopted run sizes | | |
| ☑ | | b) Catch-to-date by fishery | | |
| ☑ | | c) Release mortalities | | |
| ☑ | | d) TAC table | | |
| | **5)** | **Biological information** | 20 min | PSC staff |
| ☑ | | a) Test fishing catches and acoustics summary | | |
| ☑ | | b) Comparison of predictions from Mission to Qualark | | |
| ☐ | | c) Species composition review | | |
| ☑ | | d) Stock Identification review | | |
| | | e) Management Adjustment (MA) considerations | | |
| ☑ | | i) Environmental report | | |
| ☑ | | ii) pDBE forecast and sensitivity analysis | | |
| ☑ | | iii) Current temperatures in areas of the Fraser Watershed | | |
| ☑ | | iv) TNG Taskforce Update | | |
| ☑ | | v) Report on fish condition | | DFO |
| ☑ | | vi) Spawning ground reports | | DFO |
| | **6)** | **Assessment information** | | PSC staff |
| ☑ | | a) Daily migration graphs | | |
| ☑ | | b) Predicted abundance en route to Mission | | |
| ☑ | | c) Diversion rate | | |
| ☐ | | d) Technical assessment information | | |
| ☑ | | e) Run size and timing estimates | | |
| ☐ | | f) Predicted allowable harvest based on run size and DBE scenarios | | |
| ☑ | | g) Criteria for fishing decisions table | | |
| ☐ | | h) Catch evaluation | | |
| | **7)** | **Recommendations on run size, migration timing and MA** | | |
| ☑ | | a) PSC recommendations | | PSC staff |
| | | b) Canadian and/or U.S. recommendations | | Panel |
| | | c) Panel decision | | |
| | **8)** | **Fisheries recommendations** | | |
| | | a) Canadian and U.S. proposals | | Panel |
| | | b) Staff evaluation | | PSC staff |
| | | c) Canadian and U.S. evaluation | | Panel |
| | | d) Panel decision | | |
| ☐ | 9) | Assessments from other areas | 5 min | PSC staff |
| ☑ | 10) | Other business: Weekly report, | 5 min | Panel |
| ☑ | 11) | Next FRP meeting and agenda | 2 min | PSC staff/Panel |
| | 12) | Next TC meeting: | | PSC staff |
| ☑ | 13) | Data acknowledgements | | |

Legend: ☑ Content included in the distribution
☐ Not included in the distribution due to not relevant for this meeting or no (new) information

# Data Acknowledgments

1. Fisheries & Oceans Canada (DFO)
    - Environmental Watch Program
    - DFO South Coast Test Fisheries & Namgis/A-Tlegay Fisheries Partnership
    - DFO Fraser Interior Area Stock Assessment Division