

Snake River Sockeye adult passage update; preliminary real-time data for *hatchery-origin* adults¹

Idaho Department of Fish and Game

¹ Two natural-origin PIT return from Pettit Lake sampling (Shoshone-Bannock Tribes). IDFG does not tag NOR sockeye smolts at Redfish Lake.

17 July 2024

Abundance estimates as of 17 July 2024 * Window counts not updated for 16July

| Dam | PIT tag expanded Abundance (window count) |
|---------------|---|
| Bonneville | 1699 (742,539) |
| McNary | 1241 (622,334) |
| Ice Harbor | 918 (2,734) |
| Lower Granite | 716 (681) |

Reach specific conversion rates^a

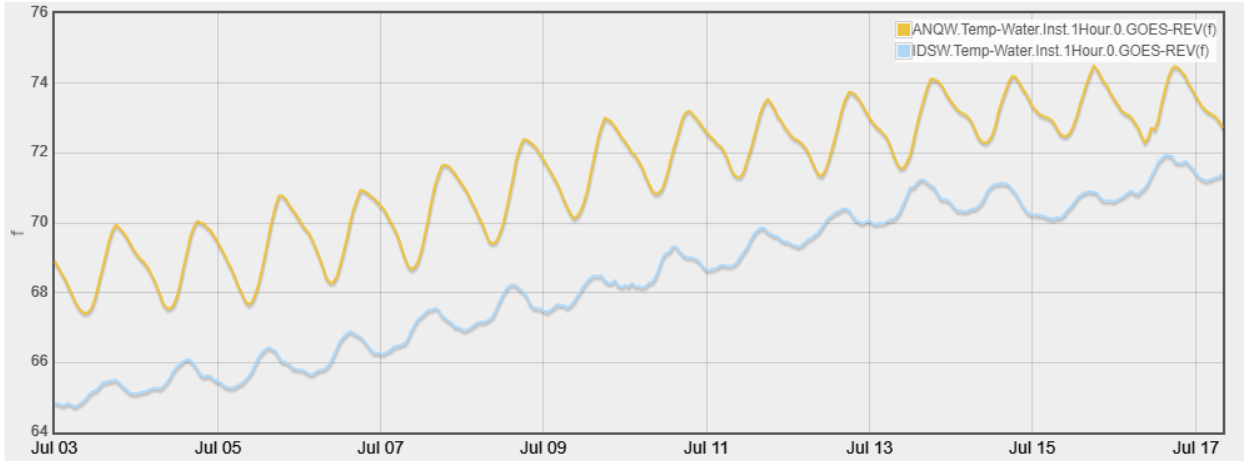
| Reach | Hat. SR Sockeye (current) | 2023 SR sockeye - Final | 2022 SR sockeye - Final |
|------------------------|---------------------------------|----------------------------|----------------------------|
| BON-TDA | 0.91 | 0.83 | 0.92 |
| BON- MCN | 0.73 | 0.53 | 0.85 |
| MCN – IHR ^b | 0.71 | 0.63 | 0.81 |
| IHR- GRA | 0.79 | 0.65 | 0.97 |
| BON - GRA | 0.42 | 0.22 | 0.66 |
| BON - Basin | NA | 0.06 | 0.39 |

^a Also tracking individual reaches

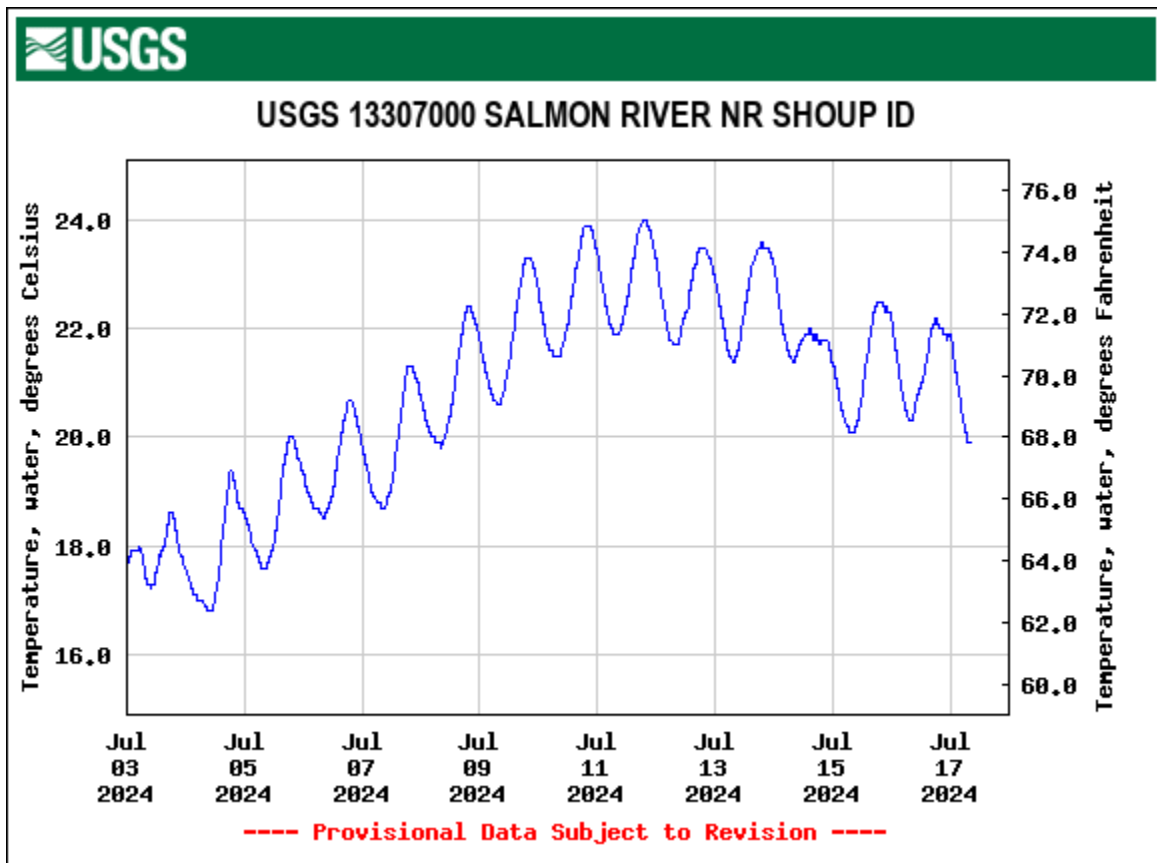
^b 9 HOR SR sockeye detected at or above Priest Rapids Dam and 1 tag not detected at Ice Harbor but detected at Lower Monumental (conversion to a project *upstream* of McNary = 0.85)

Reach specific travel times. Note travel times *only describe the fish that are successful*

| Reach | Hat. SR Sockeye Travel Time |
|-----------|-----------------------------|
| BON-TDA | 1.55 |
| TDA-JDA | 1.14 |
| JDA-MCN | 2.22 |
| MCN-IHR | 2.48 |
| IHR-LMN | 1.64 |
| LMN-LGA | 1.52 |
| LGS - GRA | 1.92 |



Hourly temperature at the Snake River near Anatone (yellow) and the Ice Harbor tailrace (IDSW; blue line).



Water temperature of the Salmon River near Shoup (i.e., on the mainstem river above the confluence with the Middle Fork Salmon River). Current discharge is approximately 50% of the long term median.

