

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.

31 July 2024

Abundance estimates as of 31 July 2024

Dam	PIT tag expanded Abundance (window count)
Bonneville	1753 (755,085)
McNary	1331 (648,757)
Ice Harbor	1024 (5021)
Lower Granite	878 (2191)

Reach specific conversion rates

Reach	Hat. SR Sockeye (current)	2023 SR sockeye - Final	2022 SR sockeye - Final
BON-TDA	0.94	0.83	0.92
BON- MCN	0.78	0.53	0.85
MCN – IHR ^a	0.74	0.63	0.81
IHR- GRA	0.91	0.65	0.97
BON - GRA	0.52	0.22	0.66
BON - Basin	NA	0.06	0.39

^a 17 HOR SR sockeye detected at or above Priest Rapids Dam and 1 tag not detected at Ice Harbor but detected at Lower Monumental Dam, therefore conversion from MCN to a site upstream is 0.97

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

Reach	Hat. SR Sockeye Travel Time
BON-TDA	1.60
TDA-JDA	1.14
JDA-MCN	2.26
MCN-IHR	3.63
IHR-LMN	1.96
LMN-LGA	1.71
LGS - GRA	2.04