

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

Idaho Department of Fish and Game

¹ One natural-origin PIT return from Pettit Lake sampling (Shoshone-Bannock Tribes). IDFG no longer tags NOR sockeye smolts at Redfish Lake.

09 Aug 2023 – Final Update; all data preliminary

Abundance estimates as of 09 Aug and previous weeks

Dam	PIT tag expanded Abundance (window count)	Last week (01Aug)	Two weeks ago (25Jul)	Three weeks ago (18Jul)
Bonneville	4586 (327,501)	4586 (327,205)	4528 (326,178)	4410 (322,086)
McNary	2422 (228,610)	2422 (228,244)	2403 (227,789)	2225 (223,824)
Ice Harbor	1522 (2,255)	1482 (2,230)	1443 (2159)	1207 (1928)
Lower Granite	952 (1,506)	893 (1,416)	737 (1225)	520 (784)

Reach specific conversion as of 09Aug, 01Aug, 25Jul, 18Jul, and 11Jul.

Reach	Conversion (09Aug)	Conversion (01Aug)	Conversion (25Jul)	Conversion (18Jul)	Conversion (11Jul)
BON-TDA	0.83	0.83	0.83	0.83	0.78
BON- MCN	0.53	0.53	0.53	0.51	0.38
MCN - IHR	0.63	0.61	0.6	0.54	0.22
IHR- GRA	0.63	0.61	0.51	0.44	0.24
BON - GRA	0.21	0.20	0.16	0.12	0.05

Reach specific travel time

Reach	Travel Time (days; as of 09Aug)	Travel Time (days; as of 01Aug)	Travel Time (days; as of 25Jul)	Travel Time (days; as of 18Jul23)
BON-TDA	1.6	1.6	1.5	1.5
TDA - MCN	4.3	4.3	4.3	4.3
MCN - IHR	3.2	2.9	2.7	2.3
MCN - GRA	9.7	9.3	8.4	7.9
BON - GRA	15.5	15.0	14.1	13.8

Note: 15 tags (6.4% of Bonneville detections) with the last detection occurring at or above Priest Rapids with 12 of those tags were last detected at Wells Dam.