

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.

01 Aug 2023

Abundance estimates as of 01 Aug and previous weeks

Dam	PIT tag expanded Abundance (window count)		Two weeks ago (18Jul)	Three weeks ago (11Jul)
	Last week (25Jul)			
Bonneville	4586 (327205)	4528 (326,178)	4410 (322,086)	3427 (300,350)
McNary	2422 (228244)	2403 (227,789)	2225 (223,824)	1283 (199,930)
Ice Harbor	1482 (2230)	1443 (2159)	1207 (1928)	735 (1107)
Lower Granite	893 (1416)	737 (1225)	520 (784)	177 (223)

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

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

Reach specific travel time

Reach	Travel Time (days; as of 01Aug)	Travel Time (days; as of 25Jul)	Travel Time (days; as of 18Jul23)	Travel Time (days; 2021 total)
BON-TDA	1.6	1.5	1.5	1.6
TDA - MCN	4.3	4.3	4.3	3.9
MCN - IHR	2.9	2.7	2.3	1.8
MCN - GRA	9.3	8.4	7.9	10.4
BON - GRA	15.0	14.1	13.8	15.4

Note: 16 tags (6.9% of Bonneville detections) with the last detection occurring at or above Priest Rapids with 11 of those tags were last detected at Wells Dam.