

RF Biological Objectives

Province	Subbasin	Focal Species	Objective (per the respective subbasin plan)
Blue Mountain	Asotin	Bull Trout	700 adults distributed among 7 local populations (recovery plan)
	Grande Ronde	Bull Trout	5,000 adults in the Grande Ronde and 1,000 adults in Little Minam distributed among 8 and 1 populations, respectively (recovery plan)
	Imnaha	Bull Trout	5,000 adults (recovery plan)
	Snake Hells Canyon	Bull Trout	No numeric objective-recovered abundance estimates considered a research need (recovery plan)
		Redband Trout	No numeric objective described in subbasin plan
		White Sturgeon	5,840 fish >60cm;30% from 92-183 cm, and 10% >183cm (subbasin plan)
Columbia Cascade	Columbia Upper Middle	Rainbow Trout	No numeric objective provided for abundance (subbasin plan)
	Entiat	Bull Trout	836-1,364 adults (recovery plan)
		Westslope Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Lake Chelan	Bull Trout	No numeric objective provided for abundance (subbasin plan)
		Kokanee	No numeric objective provided for abundance (subbasin plan)
		Westslope Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Methow	Bull Trout	3,600-5,886 adults (recovery plan)
		Westslope Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Okanogan	Rainbow trout	No numeric objective provided for abundance (subbasin plan)
		Bull Trout	No numeric objective provided for abundance (subbasin plan)
		Kokanee (Okanogan Lake)	No numeric objective provided for abundance (subbasin plan)
	Wenatchee	Bull Trout	1,876-3,176 adults (recovery plan)
		Westslope Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
Columbia Gorge	Big White Salmon	Rainbow trout	No numeric objective provided for abundance (subbasin plan)
	Columbia Gorge	White Sturgeon	Harvest of 5kg/ha, target exploitation rates equal 21% of fish 42-60" in sport fisheries and 25% of fish 45-60" in commercial fisheries, increase broodstock by 10% every three years (subbasin plan)
	Hood	Bull Trout	≥ 500 adults (recovery plan)
		Coastal Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)

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	Fifteenmile	Coastal Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
		Rainbow trout	No numeric objective provided for abundance (subbasin plan)
Columbia Plateau-North	Crab	Rainbow Trout	No numeric objective provided for abundance (subbasin plan)
		Kokanee	No numeric objective provided for abundance (subbasin plan)
		Largemouth Bass	No numeric objective provided for abundance (subbasin plan)
		Smallmouth Bass	No numeric objective provided for abundance (subbasin plan)
		Bluegill	No numeric objective provided for abundance (subbasin plan)
		Yellow Perch	No numeric objective provided for abundance (subbasin plan)
		Walleye	No numeric objective provided for abundance (subbasin plan)
	Columbia Lower Middle	White Sturgeon	No numeric objective provided for abundance (subbasin plan)
	Tucannon	Bull Trout	1,000 adults (recovery plan)
	Yakima	Bull Trout	2,550-3,050 adults (recovery)
Columbia Plateau-South	Deschutes	Bull Trout	1,500-3,000 adults (recovery plan)
		Redband Trout	1,500-2,500 fish > 8 inches per mile between Pelton Dam and Shearers Falls; 750-1,000 fish >8 inches per mile below Shearers falls
	John Day	Bull Trout	5,000 individuals distributed among 12 or more local populations (recovery plan)
		Redband Trout	No numeric objective provided for abundance (subbasin plan)
		Westslope Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Umatilla	Bull Trout	500-5,000 adults distributed among three local populations (recovery plan)
	Walla Walla	Bull Trout	3,000-5,000 adults distributed among three or more local populations (recovery plan)
Intermountain	Coeur d'Alene	Bull Trout	See recovery plan
		Kokanee	Annual catch rate greater than 500,000 (subbasin plan)
		Westslope Cutthroat Trout	Catch rate of 1.0 fish/hour in the St. Joe, Coeur d'Alene, and St. Maries rivers and an annual catch of over 1,000 fish in Coeur d'Alene Lake (subbasin plan)
	Pend Oreille	Bull Trout	See recovery plan
		Westslope Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
		Kokanee	Lake Pend Oreille annual harvest of 750,000 of which 375,000 are

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			hatchery-produced fish, adult population size of 3.75 million (subbasin plan)
		Mountain Whitefish	No numeric objective provided for abundance (subbasin plan)
		Largemouth Bass	12 lbs. harvestable-size fish/acre in Box Canyon (subbasin plan)
	San Poil	Rainbow Trout	Catch rate of greater than 1 fish per hour
		Kokanee	No numeric objective provided for abundance (subbasin plan)
	Spokane	Redband Trout	No numeric objective provided for abundance (subbasin plan)
		Mountain Whitefish	No numeric objective provided for abundance (subbasin plan)
		Kokanee	No numeric objective provided for abundance (subbasin plan)
		Largemouth Bass	No numeric objective provided for abundance (subbasin plan)
	Columbia Upper	Redband/Rainbow Trout	No numeric objective provided for abundance (subbasin plan)
		White Sturgeon	No numeric objective provided for abundance (subbasin plan)
		Kokanee	No numeric objective provided for abundance (subbasin plan)
		Burbot	No numeric objective provided for abundance (subbasin plan)
Lower Columbia/Estuary	Cowlitz	Coastal Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Elochoman	Coastal Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Grays	Coastal Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Kalama	Coastal Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Lewis	Bull Trout	≥ 500 adults (recovery plan)
		Coastal Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Washougal	Coastal Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
	Willamette	Bull Trout	900-1,500 adults (600-1,000 in Upper Willamette and 300-500 in the Clackamas) (recovery plan)
		Coastal Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
		Oregon Chub	20 populations of at least 500 adults (subbasin plan)
	Columbia Lower and Estuary	White Sturgeon	>400,000 fish 36-72 inches
		Green Sturgeon	No numeric objective provided for abundance (subbasin plan)
Middle Snake	Boise, Payette, Weiser	Bull Trout	500 adults in local populations (recovery plan)
		Kokanee	No numeric objective provided for abundance (subbasin plan)
		Redband Trout	No numeric objective provided for abundance (subbasin plan)

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	Bruneau	Bull Trout	270-1,000 adult spawning fish (recovery plan)
		Mountain Whitefish	No numeric objective provided for abundance (subbasin plan)
		Redband Trout	No numeric objective provided for abundance (subbasin plan)
	Burnt	Redband Trout	No numeric objective provided for abundance (subbasin plan)
	Malheur	Bull Trout	2,000-3,000 adults distributed between Upper Malheur River and North Fork Malheur River
		Redband Trout	No numeric objective provided for abundance (subbasin plan)
	Owyhee	Redband trout	No numeric objective provided for abundance (subbasin plan)
	Powder	Bull Trout	5,000 adults
		Redband Trout	No numeric objective provided for abundance (subbasin plan)
	Snake Upper/Lower Middle	Bull Trout	≥ 500 adults in Indian Creek, Bear Creek, Crooker River Upper Pine Creek, Clear Creek, East Pine Creek, and Elk Creek, 5,000 adults in the recovery unit (recovery plan)
		Mountain Whitefish	No numeric objective provided for abundance (subbasin plan)
		White Sturgeon	No numeric objective provided for abundance (subbasin plan)
		Wood River Sculpin	No numeric objective provided for abundance (subbasin plan)
		Redband Trout	No numeric objective provided for abundance (subbasin plan)
Mountain Columbia	Flathead	Bull Trout	See recovery plan
		Westslope Cutthroat Trout	At least 500 adults per conservation population (at least 20 genetically pure populations) with a minimum of 50 adults in each subpopulation (subbasin plan)
	Kootenai	Bull Trout	Yes-see recovery plan
		White Sturgeon	Yes – see subbasin plan
		Westslope Cutthroat Trout	Five genetically pure conservation populations with 50 adults in each of the subpopulations in lake Koocanusa, Kootenai River, and Kootenay Lake with each conservation population containing at least 500 adults (subbasin plan)
		Redband Trout	Two genetically pure conservation populations each containing at least 250 adults and subpopulations should contain at least 50 adults (subbasin plan)
		Burbot	Minimum number of 2,500 adults by 2020 in the Kootenai River downstream from Libby Dam (subbasin plan)
		Kokanee	Greater than 50 adults spawning in each tributary by 2007, greater than 100 adults by 2020 and greater than 250 adults spawning by 2030 (subbasin plan)

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Mountain Snake	Clearwater	Bull Trout	500 aduilst in Fish Lake, Clearwater, Fish Lake, and Lower/Middle Fork Clearwater-5,000 adults in the North Fork Clearwater, Lochsa, Selway, and South Fork Clearwater (recovery plan)
		Westslope Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
		Brook Trout	No numeric objective provided for abundance (subbasin plan)
	Salmon	Bull Trout	Yes-see recovery plan
Upper Snake	Upper, Headwaters, Closed	Bull Trout	6,750 adults (recovery plan)
		Yellowstone Cutthroat Trout	No numeric objective provided for abundance (subbasin plan)
		Mountain Whitefish	No numeric objective provided for abundance (subbasin plan)