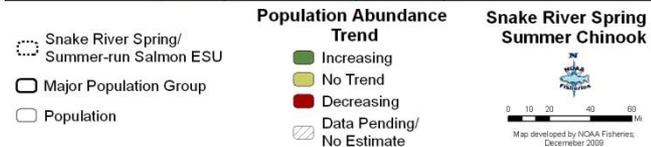
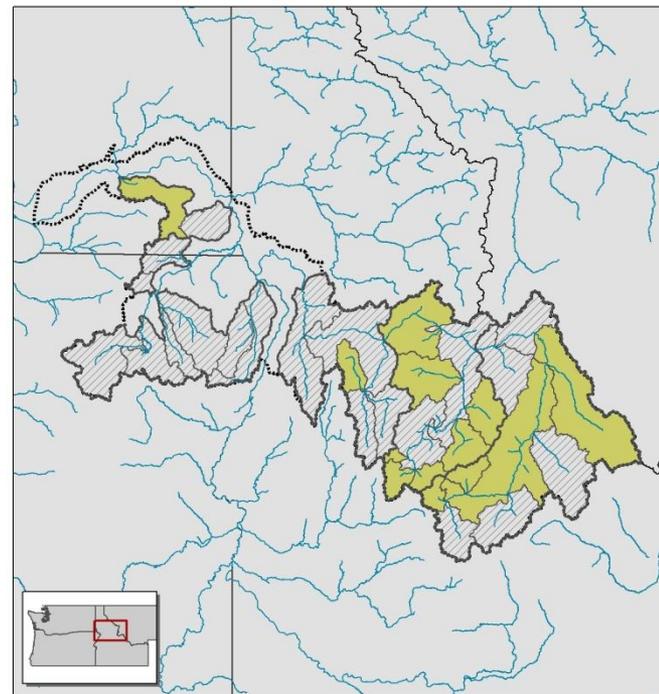


SLAKE RIVER SPRING SUMMER CHINOOK: 1999-2008

ESA Listing Status: Threatened 1992

MPG	Population	Trend category	Trend (slope of ln natural-origin abundance)	10-year Spawning Abundance 1999-2008 black= natural-origin, line= total	10-year Geometric Mean (Total Spawners)	10-year Geometric Mean (Natural-origin Spawners)
Grande Ronde/Imnaha Rivers	Big Sheep Creek	P				
	Catherine Creek	P				
	Grande Ronde River	P				
	Imnaha River	P				
	Lookingglass Creek	P				
	Lostine River	P				
	Minam River	P				
	Wenha River	P				
Lower Snake	Asotin Creek	P				
	Tucannon River	No trend	0.30		274	96
Middle Fork Salmon River	Bear Valley Creek	No trend	0.01		381	381
	Big Creek	No trend	-0.03		155	155
	Camas Creek	Updates pending				
	Chamberlain Creek	No trend	-0.04		633	633
	Loon Creek	No trend	-0.12		72	72



This summary sheet contains abundance trend information compiled from state and tribal sources using methodologies developed by the NWFSC Technical Recovery Teams. It is intended for summary information purposes; please see <http://www.nwfsc.noaa.gov/> for more detailed information on population and ESU status. Trend was calculated as the slope of the linear regression of log transformed natural origin spawning abundance over the last 10 years of available data. See [Good et al. \(2005\)](#) for details. Trends with a p -value < 0.05 were classified as "no trend".

P= Updates pending * = No available data for one or more years

MPG Population	Trend category	Trend (slope of ln natural-origin abundance)	10-year Spawning Abundance 1999-2008 black= natural-origin, line= total	10-year Geometric Mean (Total Spawners)	10-year Geometric Mean (Natural-origin Spawners)
M. Fork Salmon River Cont.	Marsh Creek	No trend	-0.11	192	192
	Sulphur Creek	No trend	0.07	58	58
	M.F.Salmon River above Indian Creek	No estimate			
	M.F. Salmon River below Indian Creek	No estimate			
South Fork Salmon River	E. Fork S. Fork Salmon River	P			
	Little Salmon River	P			
	S. Fork Salmon River	P			
	Secesh River	No trend	-0.03	546	517
Upper Salmon River	Pahsimeroi River	Updates Pending			
	Lemhi River	No trend	-0.18	97	97
	Salmon River Lower Mainstem below Redfish Lake	No trend	-0.02	143	143
	Valley Creek	No trend	0.12	82	82
	Yankee Fork	No trend	0.14	30	30
	E.Fork Salmon River	P			
	N.Fork Salmon River	P			
Panther Creek Salmon River Upper Mainstem	No estimate				

P= Updates pending * = No available data for one or more years

ESU ABUNDANCE TREND: NO TREND

Trend Category	# of populations
Increasing	0
No trend	12
Decreasing	0
No estimate	19

Updated spawning abundance estimates were available for 12 of 31 populations, in most cases through 2008. All populations with available data showed 'no trend', although there was considerable variability over the 10 year period. Typically spawning abundance of populations in this ESU are highly correlated, therefore the ESU has 'no trend'.

Abundance is only 1 of 4 Viable Salmonid Population indicators. The other factors - productivity, diversity, spatial structure - also influence ESU status.