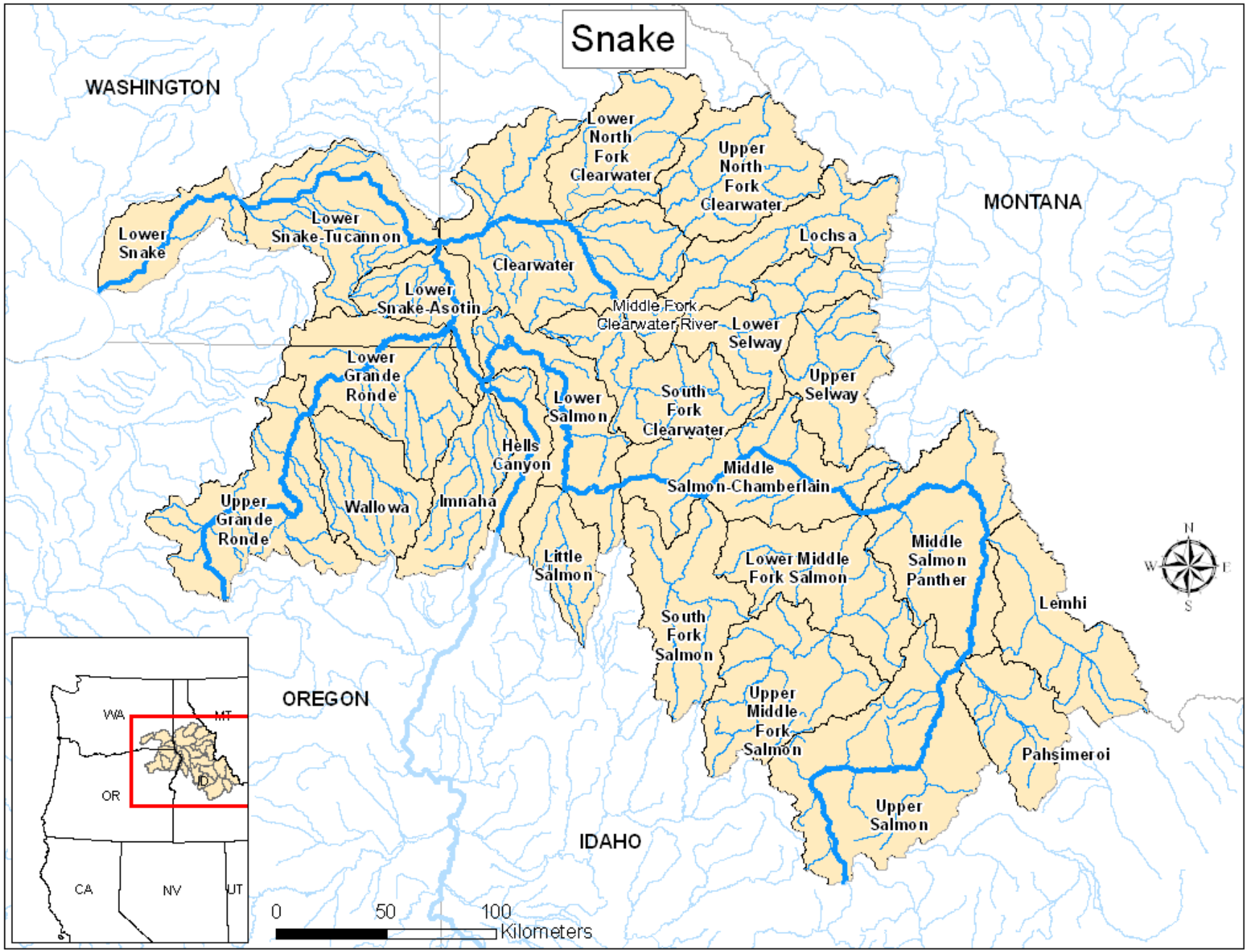
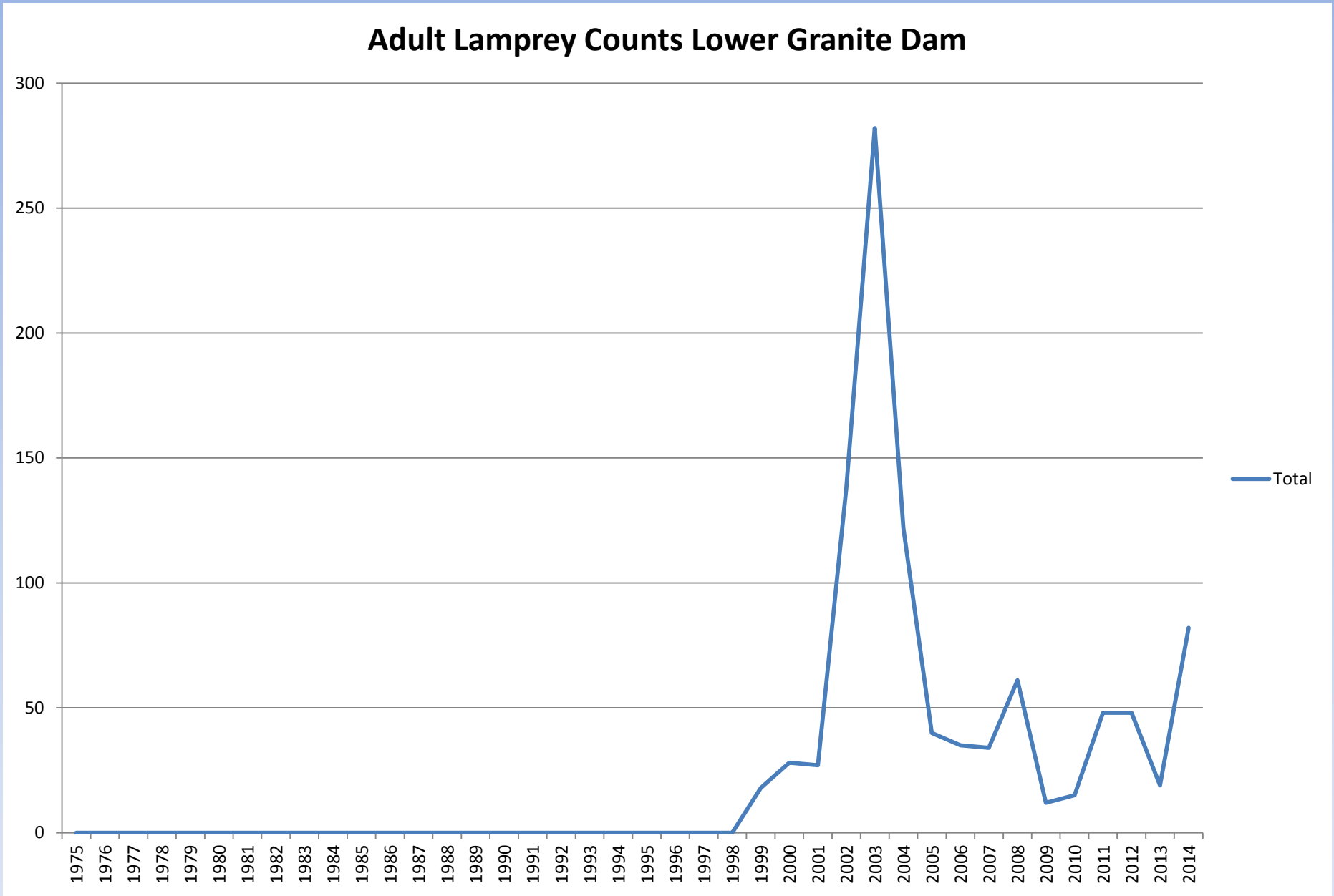
Snake River RMU

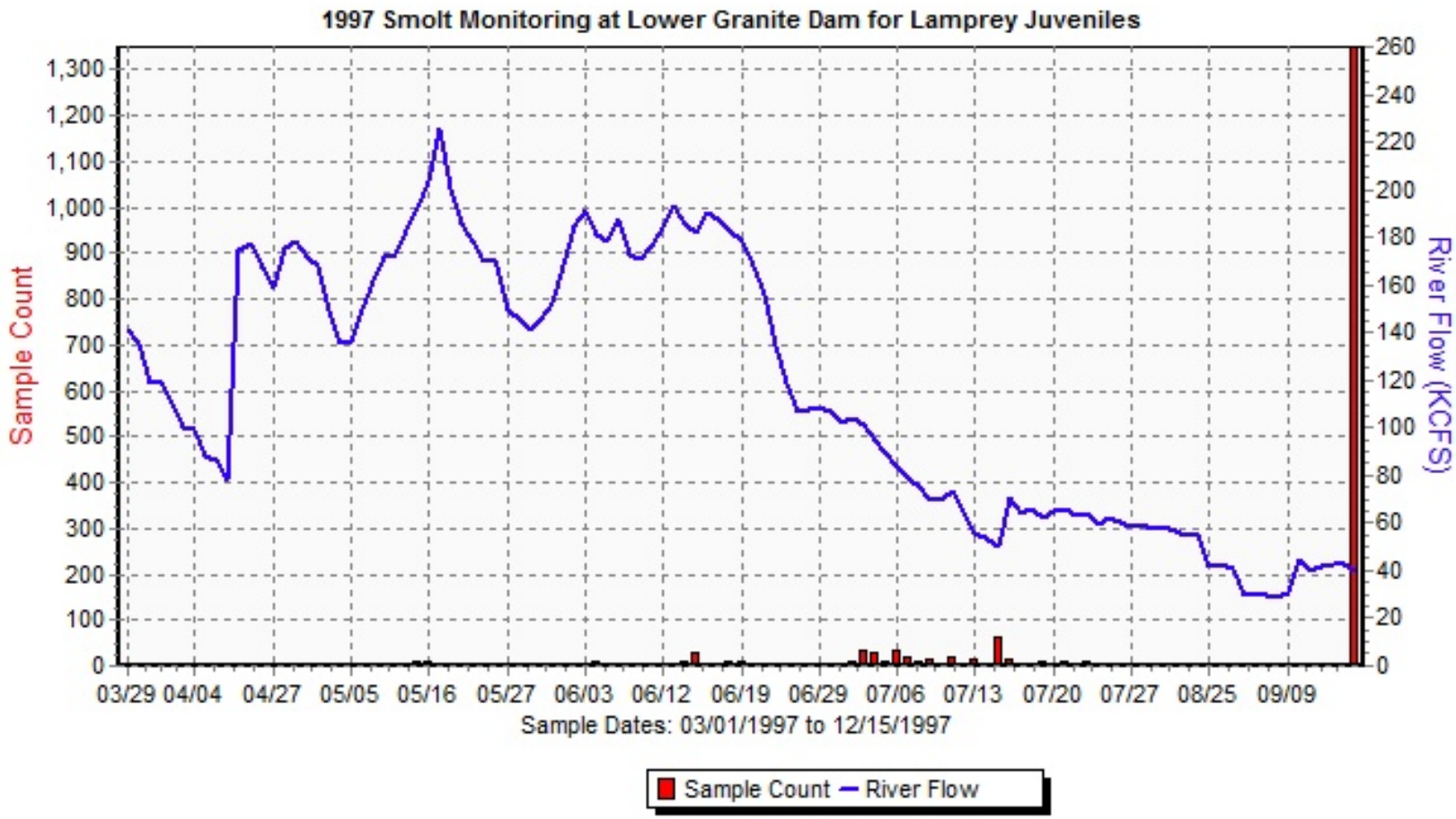


Threats

- Mainstem Passage
- Small Effective Population Size (few lamprey getting into the RMU)
- Stream degradation, passage, water quantity and water quality outside of the wilderness areas

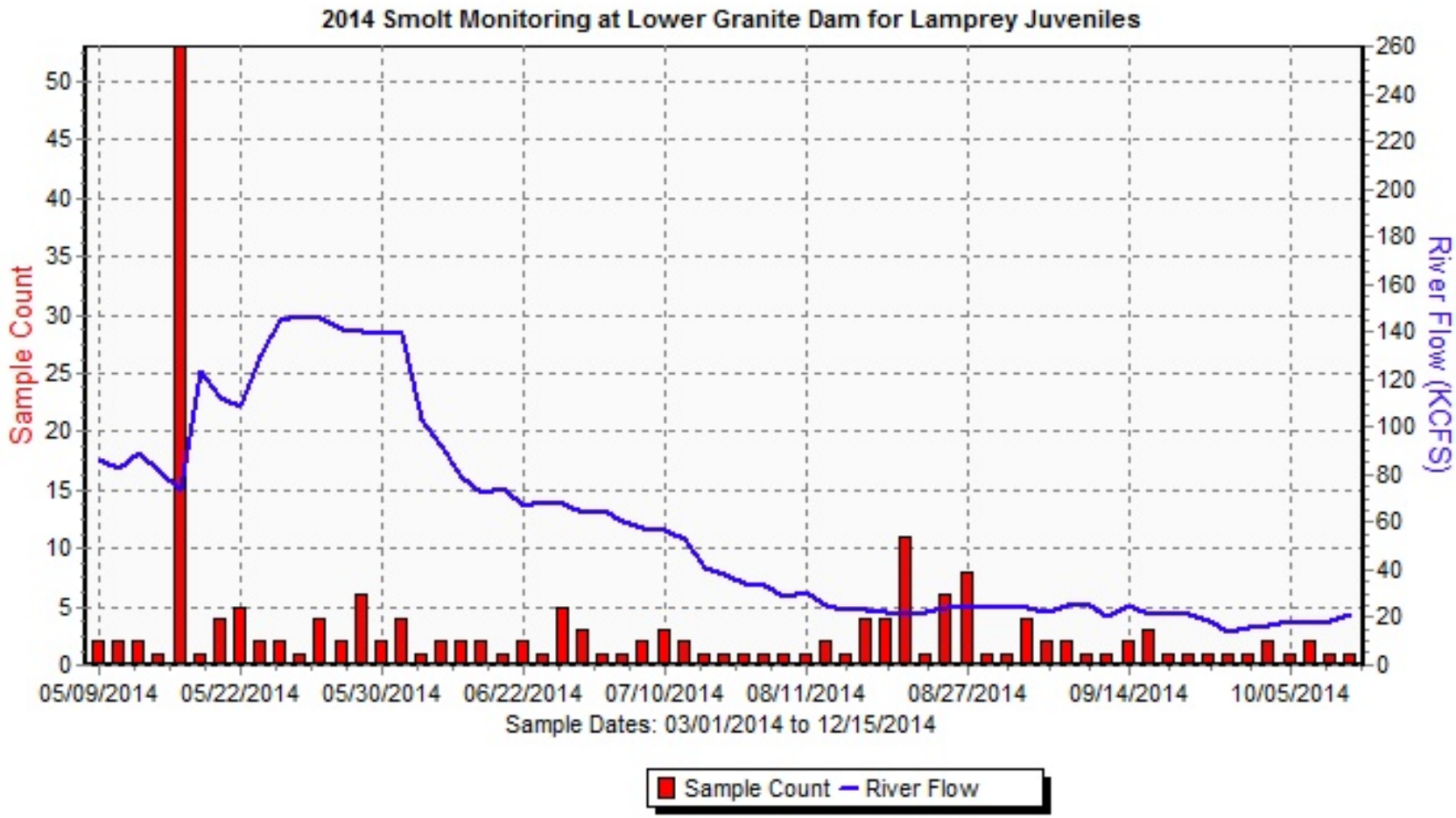

Adult Lamprey Counts Lower Granite Dam
300
250
200
150
100
50
0
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
Total

Historic Daily Lamprey Passage Graphs

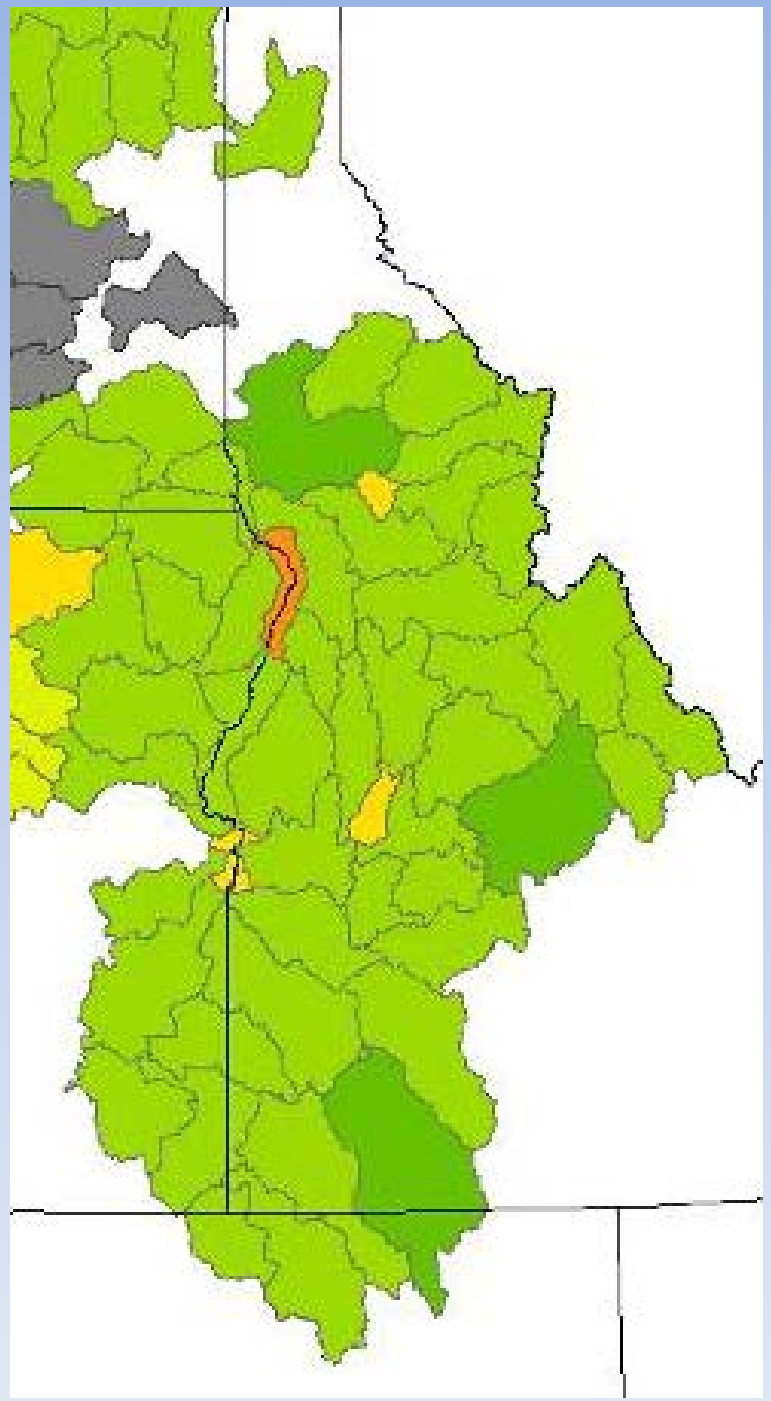


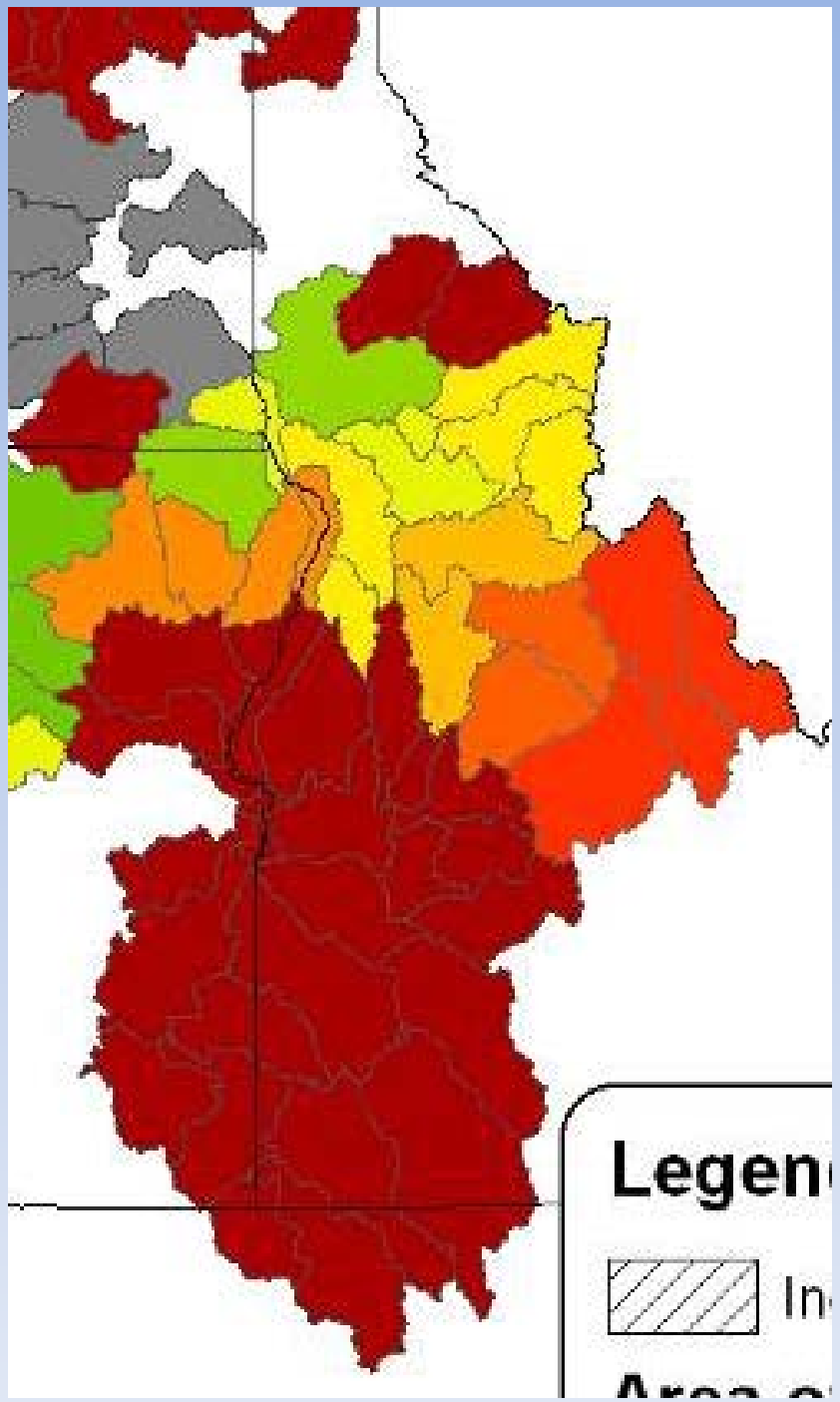
1959 Juvenile Lamprey sampled

Historic Daily Lamprey Passage Graphs



193 Juvenile Lamprey sampled

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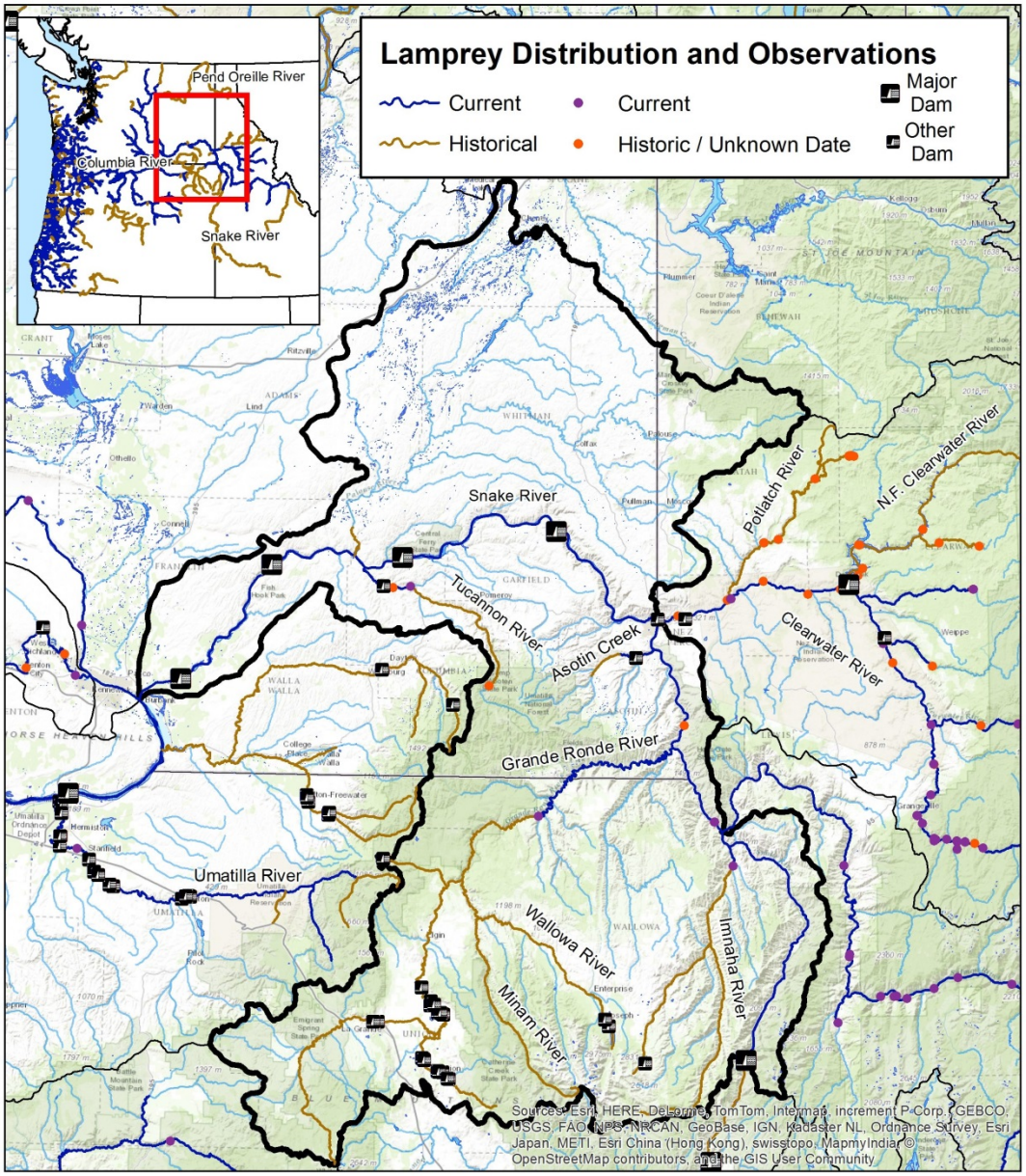
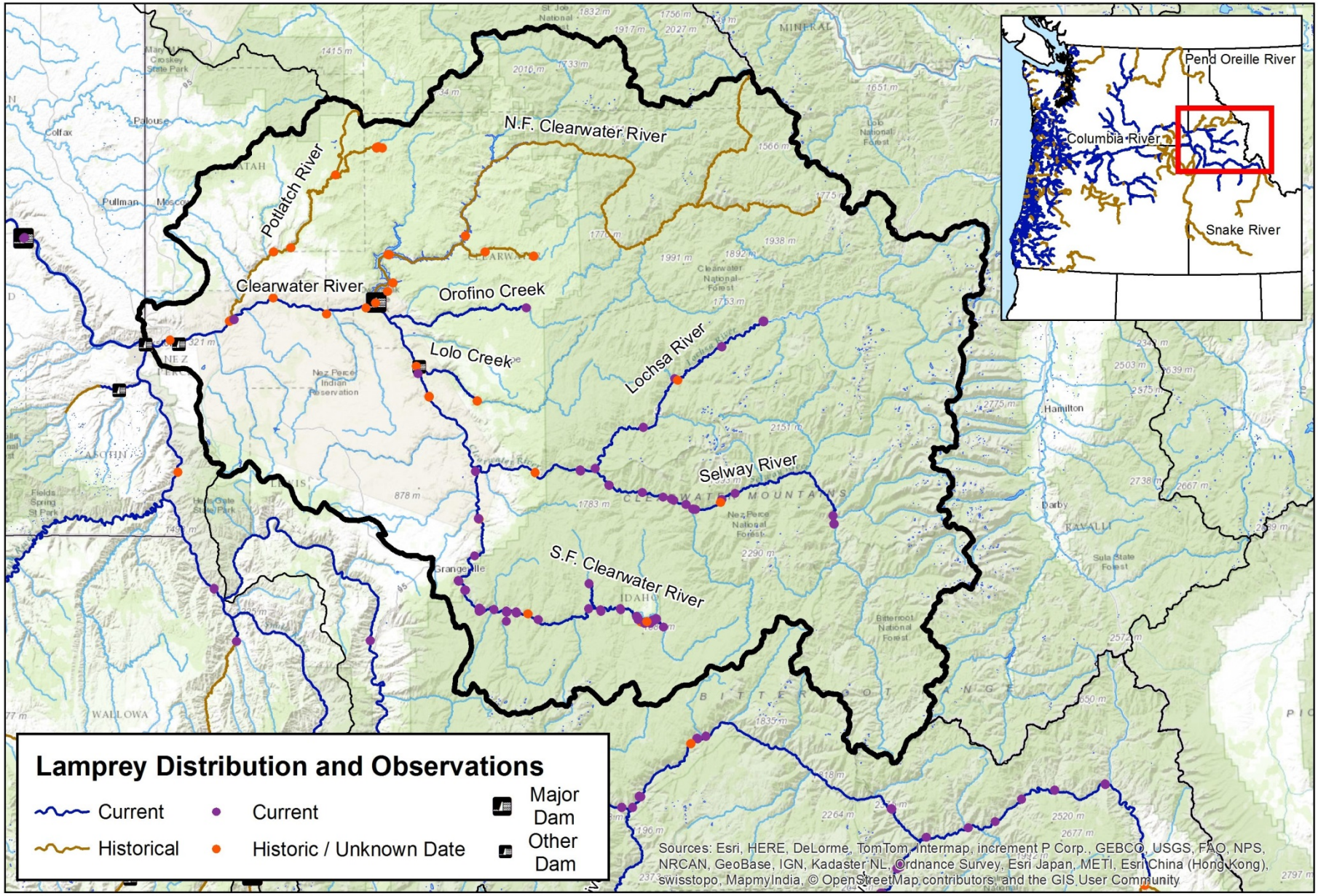
Current and Historic known Distribution of Pacific Lamprey: Lower Snake Basin



Produced in the Columbia River Fisheries Program Office
File: N:\GIS\Fisheries\Lamprey\Distribution\Pacific_Lamprey_Distribution_LowerSnakeBasin.mxd
Map Date: 6/9/2015

Current and Historic known Distribution of Pacific Lamprey: Clearwater Basin



Produced in the Columbia River Fisheries Program Office
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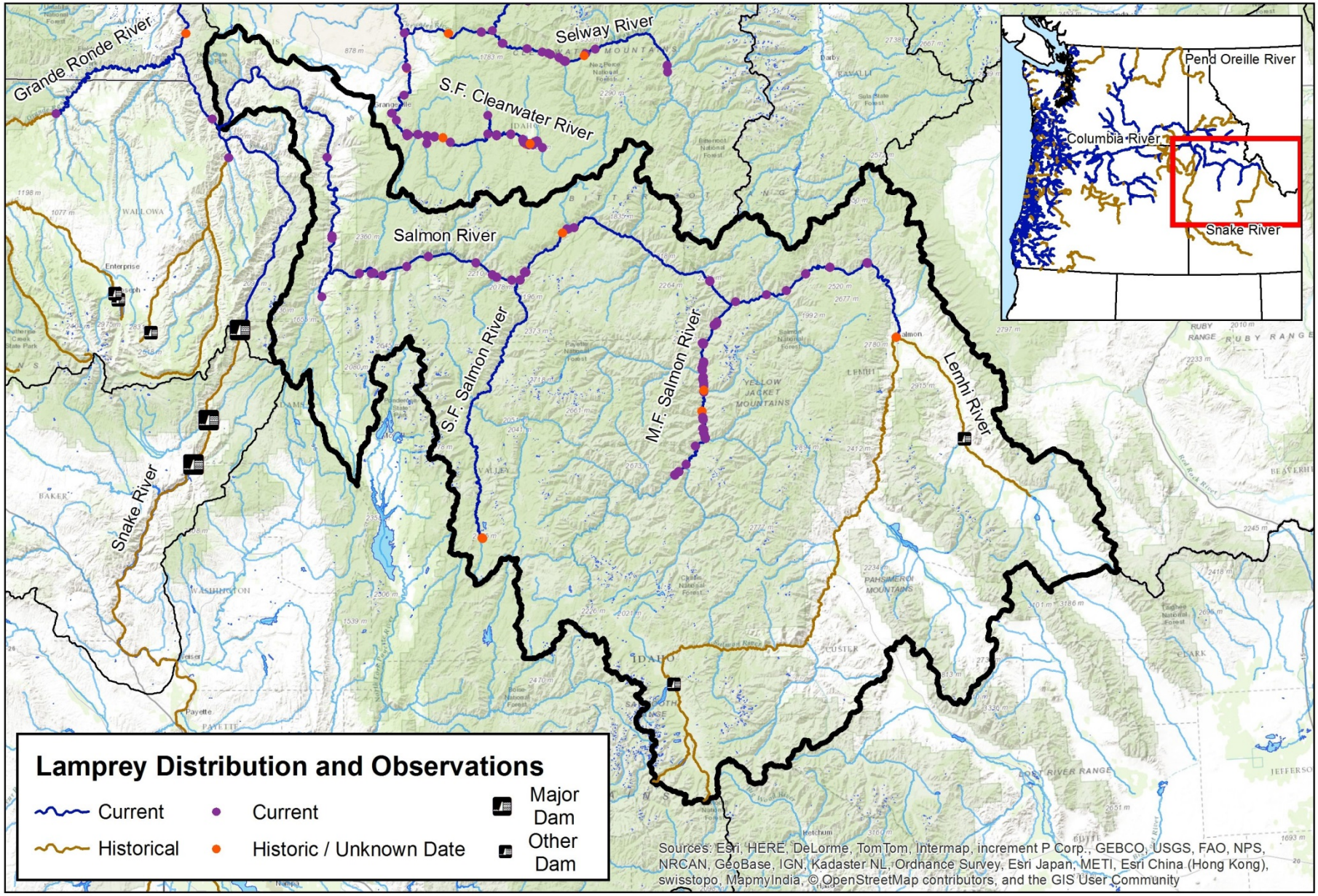
Current and Historic known Distribution of Pacific Lamprey: Salmon Basin



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File: N:\GIS\Fisheries\Lamprey\Distribution\Pacific_Lamprey_Distribution_SalmonBasin.mxd
Map Date: 6/9/2015

Ongoing Actions

- Distribution Sampling
- Translocation
  - Clearwater: Big Canyon, Lolo, Orofino and Newsome creeks
  - Snake: Asotin Cr
  - Grande Ronde: Wallowa R
  - Salmon: South Fork Salmon R
- Passage improvement and habitat restoration related to salmonids

Streams sampled for juvenile lamprey recently

Stream	Drainage	Present/Absent
USFWS		
Lapwai Cr	Clearwater R	To be sampled 2015
Clearwater below NF	Clearwater R	P
NF Clearwater R	Clearwater R	A
Lolo Cr	Clearwater R	P
SF Clearwater R	Clearwater R	P
Rapid River	Salmon R	To be sampled 2015
Newsome Cr	SF Clearwater R	P
Crooked R	SF Clearwater R	A
American R	SF Clearwater R	A
Red R	SF Clearwater R	A
Tucannon R	Snake R	A
Potlatch R	Snake R	A
Asotin Cr	Snake R	P
Nez Perce Tribe		
Big Canyon Cr	Clearwater R	P
Little Canyon Cr.	Clearwater R	A
Orofino Cr	Clearwater R.	P
Wallowa R	Grande Ronde R	
Grande Ronde R	Grande Ronde R	
SF Salmon R	Salmon R	
Johnson Creek	SF Salmon R	To be sampled 2015
Sesech R	SF Salmon R	To be sampled 2015
Lake Creek	SF Salmon R	To be sampled 2015
IDFG		
MF Clearwater R	Clearwater R	P
Selway R	Clearwater R	P
Lochsa R	Clearwater R	P
MF Salmon R	Salmon R	P