

**Preseason forecasts, preliminary returns, and projected returns for spring and summer chinook  
and sockeye salmon returning to the Columbia River in 1998.**

Spring Chinook			
Stock	Preseason Forecast	Preliminary 1998 Return	Comments
Willamette	33,000	44,000	Largest since 1994
Sandy	3,900	N/A	
Cowlitz	1,500	700	Record low previous record 1,700 in 1997
Kalama	500	500	2 <sup>nd</sup> lowest on record same as 1996 and 1997
Lewis	900	1,800	Record low previous record 1,900 in 1997
Upriver	36,200	38,300	3 <sup>rd</sup> lowest on record
Snake River Wild	3,700	4,900	Largest since 1993
Summer Chinook			
Upriver	17,300	21,700	TAC update July 7 3 <sup>rd</sup> largest since 1990
Snake River Wild	2,300	3,400	TAC update July 7 about half of 1997 return
Sockeye			
Upriver	29,700	13,000	3 <sup>rd</sup> lowest on record
Wenatchee	10,000	5,100	Near record low return
Okanogan	19,700	7,900	3 <sup>rd</sup> lowest on record
Snake River	6	0	

**Summary of 1998 Forecasts of Salmon and Steelhead Returns.**

Species, stock	1997 Run <sup>1</sup>	1998 Forecast <sup>1</sup>	Comments
<b>Fall chinook</b>	<b>323,200</b>	<b>233,200</b>	
Upriver bright (URB)	161,700	141,700	Similar to 1996 3 <sup>rd</sup> largest since 1990
Snake River wild (SRW)	2,059	1,888	Similar to 1996-97 2 <sup>nd</sup> largest since 1989
Mid-Columbia bright (MCB)	58,900	41,200	Less than 1996-97 3 <sup>rd</sup> largest since 1990
Bonneville upriver bright (BUB)	28,700	17,700	
Pool upriver bright (PUB)	30,300	23,500	
Bonneville pool hatchery (BPH)	27,400	14,200	Lowest since 1988 Hatchery esc. goal 7,000
Lower river hatchery (LRH)	57,400	22,500	Record low return (influenced by Mitchell Act cuts) Hatchery esc. goal 14,400
Lower river wild (LRW)	12,300	7,000	Record low (influenced by floods) Esc. goal 5,700
Lower river bright (LRB)	--	3,800	Formerly a component of the BUB stock
Select Area Bright (SAB)	3,800	2,800	Lowest since 1993
<b>Upriver summer steelhead</b>	<b>262,000</b>	<b>272,300</b>	Above average - Similar to 1997
Date Method			
A-run Total	179,400	185,800	Highest since 1988
A-run wild	29,700		Wild fish continue to decline
B-run Total	82,600	86,500	Highest since 1993
B-run wild	8,900		Wild fish continue to decline
Length method			
A-run Total	220,000	223,100	More than date method prediction
A-run wild	31,000		
B-run Total	40,400	38,900	Less than date method prediction
B-run wild	7,700		
<b>Coho</b>	<b>149,900</b>	<b>73,300</b>	Record low Previous low 74,000 in 1995
Early stock	105,300	52,100	2 <sup>nd</sup> lowest on record Previous record 43,400 in 1983 Hatchery escapement goal 23,000 6,700 harvestable surplus
Late stock	44,600	21,200	2 <sup>nd</sup> lowest on record Previous record 16,800 in 1995 Hatchery escapement goal 18,100 No harvestable surplus

<sup>1</sup>Returns to Columbia River mouth