

2014 Puget Sound Summer/Fall Chinook Preseason Forecasts

							Comp Chinook Management Criteria		
Region	Watershed	Notes	Forecast Type	Hatchery	Supplmt	Wild	Total	RER/8	Low Abundance Thresholds/9
Strait	Hoko		Escape w/o fishing	1,210		1,482	2,692	<10% So. U.S.	500 spawners
	Dungeness		Terminal	176		140	316	<10% So. U.S.	500 spawners
	Elwha		Terminal	3,009		175	3,184	<10% So. U.S.	1,000 spawners
	Morse Creek		Terminal	638			638		
	Region total			5,033		1,797	6,830	5,348	
North Sound	Glenwood Springs		Terminal	1,157			1,157		
	Nooksack/Samish		Terminal	43,890			43,890		
	Skagit		Terminal	313		18,025	18,338	50% total	4,800 spawners
	Stillaguamish		Escapement w/o fishing	630		938	1,568	25% total	700
	Snohomish		Escapement w/o fishing	5,362		5,280	10,642	21% total	2,800 spawners
	Tulalip		Escapement w/o fishing	4,738			4,738		
	Region total			56,089	0	24,243	80,332		
Upper South Sound	Lake Washington								
	Issaquah		Terminal w/o tribal net & NT sport	4,686			4,686		
	Univ. of Wa		Terminal w/o tribal net & NT sport	17			17		
	Cedar		Terminal			634	634	15% preterm So. U.S., 1,680 esc goal	200 spawners
	Sammamish		Terminal			55	55		
	Subregion total			4,703		689	5,392		
	Green River								
	Soos Creek Hatchery		Terminal w/o tribal-net & NT sport	15,148			15,148		
	Icy Creek		Terminal w/o tribal-net & NT sport	638			638		
	Mainstem/Newaukum		Terminal w/o tribal-net & NT sport			1,879	1,879	15% preterm So. U.S., 5,800 esc goal	1,800 spawners
	Subregion total			15,786		1,879	17,665		
	Grovers		4B Runsize	2,691			2,691		
	East Kitsap (Gorst, Dogfish)		4B Runsize	8,179			8,179		
Subregion total			10,871			10,871			
Puyallup River		4B Runsize	8,811		872	9,683	50% total	500 spawners/12	
Upper South Sound Total			40,171		3,440	43,611			

2014 Puget Sound Summer/Fall Chinook Preseason Forecasts (continued)

Region	Watershed	Notes	Hatchery	Supplmt	Wild	Total	Comp Chinook Management Criteria	
							RER/8	Low Abundance Thresholds/9
Lower South Sound	Carr Inlet	4B Runsize	7,367			7,367		
	Deschutes	4B Runsize	12,814			12,814		
	Nisqually	4B Runsize	31,482		1,317	32,799	56% RER	
	Chambers	4B Runsize	4,831			4,831		
	McAllister						0	Program is terminated
	Coulter						0	Program is terminated
	Lower South Sound Total			56,495		1,317	57,811	
South Sound Total			96,665	0	4,757	101,422		
Hood Canal	Skokomish w/George Adams	Terminal	49,440		2,971	52,411	50% RER	1,300 spawners/13
	12B Naturals	Terminal			473	473	15% preterm So. U.S. 750 esc goal	400 spawners
	12C/12H/12D	Terminal	31,195		76	31,271		
	Hood Canal Total		80,635	0	3,520	84,156		
Puget Sound Total			243,779	1,813	36,959	282,552		
Footnotes 1. Wild forecast Includes hatchery origin and natural origin fish. 2. Hatchery and natural proportions of the return estimated from the most recent 3 years of otolith and CWT data. 3. This includes returns to Samish, Whatcom, Nooksack and Lummi Bay and neighboring streams. 4. Forecast resulting from rearing pond production spawning in river of origin or in neighboring streams 5. Combined natural and hatchery spawner forecast (all fish of hatchery origin) 6. Last releases from BY 2001; no Fall Chinook are expected. 7. Hatchery Chinook releases terminated with BY 2000; no Fall Chinook are expected. 8. RER= Recovery Exploitation Rate (interim management ceiling during recovery phase). 9. Level of spawning abundance that triggers additional management action. 10. The low abundance threshold includes 800 natural and/or 500 hatchery spawners 11. Threshold expressed as natural origin spawners 12. Goal for South Prairie Cr Index 13. Aggregate for combined hatchery and wild spawners								

Puget Sound Spring Chinook 2014 Preseason Forecasts

	Notes	Forecast Type	Hatchery	Supplmt	Wild	Total	RER	Low Abundance Thresholds
Nooksack River								
		Terminal	1,090	948	187	2,226	Under Development	1000 spawners/11
		Terminal	46		48	94	Under Development	1000 spawners/11
Skagit River								
		Terminal	2,756		1,477	4,233	38% total	576 spawners
White River								
		Expected esc.	561			561		
		Expected esc.	903			903		
		Expected esc.		865	930	1,795	20% total	200 spawners
		Total White River Springs				3,259		
		Total		5,356	1,813	2,643	9,812	
<ol style="list-style-type: none"> 1. Supplementation number is hatchery-origin acclimated fish expected to spawn in the wild. 2. Forecast of SF Nooksack stock origin chinook. 3. Forecast of returns to the hatchery rack only. 4. Includes naturally produced spring and fall chinook returns and acclimation pond production. 								

Washington Coast 2014 Chinook Preseason Forecasts

		Hatchery	Wild	Totals	Natural Escapement Goal
North Coast					
Quillayute River					
Spring	Terminal	2,002		2,002	200
Summer	Terminal		955	955	1,200
Fall	Terminal		6,649	6,649	> of 3,000 or 60% of run
Hoh					
Spring/Summer	Terminal		876	876	>of 900 or 69% of RS
Fall	Terminal		2,447	2,447	>of 1,200 or 60% of RS
Queets					
Spring/Summer	Terminal		480	480	>of 700 or 70% of RS
Fall	Terminal	878	3,576	4,454	>of 2,500 or 60% of RS
Quinault					
Fall	Terminal	10,293	5,963	16,256	
North Coast totals Summer/Falls:		11,171	19,590	30,761	
Spring/Summers:		2,002	1,356	3,358	34,119
Grays Harbor					
Chehalis springs	Terminal		3,024	3,024	1,400
Chehalis falls	Terminal	744	16,876	17,620	12,364
Humptulips falls	Terminal	1,479	6,959	8,438	2,236
Subregion Falls Total		2,223	23,835	26,058	
Willapa Bay - Fall Chinook	Terminal	29,513	2,850	32,363	
Coast total		44,909	50,655	95,564	