

2019 Puget Sound Summer/Fall Chinook Preseason Forecasts (excludes age 2 fish)

Region	Watershed	Notes	Forecast Type	Hatchery	Supplmt	Wild	Total	Comp Chinook Management Criteria	
								RER ¹	Low Abundance Thresholds ^{2,3}
Strait	Hoko		Escape w/o fishing	896		1,734	2,630	Management Objectives TBD	
	Dungeness		Terminal	657		282	939		
	Elwha		Terminal	7,066		333	7,399		
	Morse Creek		0	0			0		
	Region total			8,619		2,349	10,968		
North Sound	Glenwood Springs		Terminal	321			321		
	Nooksack/Samish		Terminal	21,300			21,300		
	Skagit		Terminal	309		13,825	14,134		
	Stillaguamish		Terminal run w/ fishing	566		378	944		
	Snohomish		Escapement w/o fishing	7,225		3,696	10,921		
	Tulalip		Escapement w/o fishing	12,745			12,745		
	Region total			42,466	0	17,899	60,365		
Upper South Sound	Lake Washington								
	Issaquah		Terminal	4,266			4,266		
	Cedar		Terminal			955	955		
	Sammamish		Terminal			108	108		
	Subregion total			4,266		1,063	5,329		
	Green River								
	Soos Creek Hatchery		Terminal	20,423			20,423		
	Icy Creek		Terminal	537			537		
	Mainstem/Newaukum		Terminal			4,833	4,833		
	Subregion total			20,961		4,833	25,794		
Grovers		Terminal	2,880			2,880			
East Kitsap (Gorst, Dogfish)		Terminal	7,705			7,705			
Subregion total			10,585			10,585			
Puyallup River		Terminal	13,007		1,724	14,731			
Upper South Sound Total			48,819		7,620	56,439			

2019 Puget Sound Summer/Fall Chinook Preseason Forecasts (continued)

Region	Watershed	Notes	Hatchery	Supplmt	Wild	Total	Comp Chinook Management Criteria	
							RER ¹	Low Abundance Thresholds ³
Lower South Sound	Carr Inlet	Terminal	13,693			13,693	Management Objectives TBD	
	Deschutes	Terminal	16,730			16,730		
	Nisqually	Terminal	20,223		824	21,047		
	Chambers	Terminal	421			421		
	Lower South Sound Total			51,067		824		
South Sound Total			99,886	0	8,444	108,330		
Hood Canal	Skokomish w/George Adams	Terminal	37,160		520	37,680		
	12B Naturals	Terminal			285	285		
	12C/12H/12D	Terminal	28,911		298	29,209		
	Hood Canal Total			66,071	0	1,103		
Puget Sound Total			217,042	0	29,796	246,837		
Footnotes	1. RER = Recovery Exploitation Rate (interim management ceiling during recovery phase). 2. Level of spawning abundance that triggers additional management action. 3. Threshold expressed as natural origin spawners							

Puget Sound Spring Chinook 2019 Preseason Forecasts

	Notes	Forecast				Total	RER	Low Abundance Thresholds
		Type	Hatchery	Supplmt	Wild			
Nooksack River								
North Fork		Terminal	2,674	1,260	171	4,105		Management Objectives TBD
South Fork		Terminal	3,134		77	3,211		
Skagit River		Terminal	4,113		2,003	6,116		
White River								
Minter Creek		Terminal	1,469			1,469		
White River Hatchery		Terminal	2,204			2,204		
Buckley Trap		Terminal		1,553	573	2,126		
<i>Total White River Springs</i>						5,799		
Total			13,954	2,813	2,824	19,231		

Washington Coast 2019 Chinook Preseason Forecasts

	Forecast Type	Hatchery	Wild	Total	Natural Escapement Goal
North Coast					
Quillayute River					
Spring	Terminal	2,091		2,091	200
Summer	Terminal		1,301	1,301	1,200
Fall	Terminal		6,645	6,645	> of 3,000 or 60% of run
Hoh					
Spring/Summer	Terminal		1,023	1,023	>of 900 or 69% of RS
Fall	Terminal		2,536	2,536	>of 1,200 or 60% of RS
Queets					
Spring/Summer	Terminal	-	-		>of 700 or 70% of RS
Fall	Terminal	484	2,292	2,776	>of 2,500 or 60% of RS
Quinault					
Fall	Terminal	2,713	3,700	6,413	
North Coast totals Summer/Falls:		3,197	16,474	19,671	
Spring/Summers:		2,091	1,023	3,114	22,785
Grays Harbor					
Chehalis springs	Terminal		581	581	1,400
Chehalis falls	Terminal	2,390	17,781	20,171	9,753
Humtulpis falls	Terminal	2,467	6,207	8,674	3,573
Subregion Falls Total		4,857	23,988	28,845	
Willapa Bay - Fall Chinook	Terminal	23,806	4,309	28,115	
Coast total		33,951	46,375	80,326	