

## 2017 Puget Sound Summer/Fall Chinook Preseason Forecasts

								Comp Chinook Management Criteria	
Region	Watershed	Notes	Forecast Type	Hatchery	Supplmt	Wild	Total	RER <sup>1</sup>	Low Abundance Thresholds <sup>2,3</sup>
<b>Strait</b>	Hoko		Escape w/o fishing	876		606	1,482	<10% So. U.S.	500 spawners
	Dungeness		Terminal	296		77	373	<10% So. U.S.	500 spawners
	Elwha		Terminal	2,631		153	2,784	<10% So. U.S.	1,000 spawners
	Morse Creek		Terminal	225			225		
	<b>Region total</b>			<b>4,028</b>		<b>836</b>	<b>4,864</b>	4,258	
<b>North Sound</b>	Glenwood Springs		Terminal	772			772		
	Nooksack/Samish		Terminal	21,225			21,225		
	Skagit		Terminal	411		15,837	16,248	50% total	4,800 spawners
	Stillaguamish		Esc. w/o fishing	1038		438	1,476	25% total	700 spawners
	Snohomish		Extreme Terminal w/ harvest	4,780		3,412	8,192	21% total	2,800 spawners
	Tulalip		Terminal Run w Harvest	5,296			5,296		
	<b>Region total</b>			<b>33,522</b>		<b>19,687</b>	<b>53,209</b>		
<b>Upper South Sound</b>	Lake Washington								
	Issaquah		Terminal	3,722			3,722		
	Cedar		Terminal			811	811	20% SUS, 1,680 esc goal	200 spawners
	Sammamish		Terminal			137	137		
	<b>Subregion total</b>			<b>3,722</b>		<b>948</b>	<b>4,670</b>		
	Green River								
	Soos Creek Hatchery		Terminal	13,347			13,347		
	Icy Creek		Terminal	641			641		
	Mainstem/Newaukum		Terminal			2,374	2,374	15% preterm So. U.S.	
	<b>Subregion total</b>			<b>13,988</b>		<b>2,374</b>	<b>16,362</b>		
Grovers		Terminal	2,598			2,598			
East Kitsap (Gorst, Dogfish)		Terminal	6,288			6,288			
<b>Subregion total</b>			<b>8,886</b>			<b>8,886</b>			
<b>Puyallup River</b>		Terminal	3,804		945	4,749	50% total	500 spawners	
<b>Upper South Sound Total</b>			<b>30,400</b>		<b>4,267</b>	<b>34,667</b>			

2017 Puget Sound Summer/Fall Chinook Preseason Forecasts (continued)

Region	Watershed	Notes	Hatchery	Supplmt	Wild	Total	Comp Chinook Management Criteria	
							RER <sup>1</sup>	Low Abundance Thresholds <sup>3</sup>
<b>Lower South Sound</b>	Carr Inlet	Terminal	8,219			8,219		
	Deschutes	Terminal	18,341			18,341		
	Nisqually	Terminal	22,191		478	22,669	47% ERC	700 spawners
	Chambers	Terminal	1,229			1,229		
	<b>Lower South Sound Total</b>		<b>49,980</b>		<b>478</b>	<b>50,458</b>		
	<b>South Sound Total</b>		<b>80,380</b>	<b>0</b>	<b>4,745</b>	<b>85,125</b>		
<b>Hood Canal</b>	Skokomish w/George Adams	Terminal	25,773		1,956	27,729	50% ERC	1,300 spawners <sup>4</sup>
	12B Naturals	Terminal			326	326	12% PTSUS CERC	400 spawners
	12C/12H/12D	Terminal	22,532		177	22,709		
	<b>Hood Canal Total</b>		<b>48,305</b>	<b>0</b>	<b>2,459</b>	<b>50,764</b>		
<b>Puget Sound Total</b>			<b>166,235</b>	<b>0</b>	<b>27,727</b>	<b>193,962</b>		
<b>Footnotes</b>	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 4. Aggregate for combined hatchery and wild spawners							

**Puget Sound Spring Chinook 2017 Preseason Forecasts**

Notes	Forecast					RER	Low Abundance Thresholds	
	Type	Hatchery	Supplmt	Wild	Total			
Nooksack River								
North Fork	Terminal	2,866	1,066	193	<b>4,125</b>	Under Development	1000 spawners <sup>1</sup>	
South Fork	Terminal	1,084		32	<b>1,116</b>	Under Development	1000 spawners <sup>1</sup>	
Skagit River								
	Terminal	2,610		2,785	<b>5,395</b>	38% total	576 spawners	
White River								
Minter Creek	Terminal	522			<b>522</b>			
White River Hatchery	Terminal	1,494			<b>1,494</b>			
Buckley Trap	Terminal		1,124	593	<b>1,717</b>	22% SUS	200 spawners	
<b>Total White River Springs</b>					<b>3,733</b>			
<b>Total</b>					<b>8,576</b>	<b>2,190</b>	<b>3,603</b>	<b>14,369</b>
<p>1. Supplementation number is hatchery-origin acclimated fish expected to spawn in the wild.</p> <p>2. Forecast of SF Nooksack stock origin chinook.</p> <p>3. Forecast of returns to the hatchery rack only.</p> <p>4. Includes naturally produced spring and fall chinook returns and acclimation pond production.</p>								

### Washington Coast 2017 Chinook Preseason Forecasts

		Hatchery	Wild	Totals	Natural Escapement Goal
North Coast					
Quillayute River					
Spring	Terminal	2,152		<b>2,152</b>	200
Summer	Terminal		1,132	<b>1,132</b>	1,200
Fall	Terminal		6,433	<b>6,433</b>	> of 3,000 or 60% of run
Hoh					
Spring/Summer	Terminal		1,000	<b>1,000</b>	>of 900 or 69% of RS
Fall	Terminal		2,725	<b>2,725</b>	>of 1,200 or 60% of RS
Queets					
Spring/Summer	Terminal		-	-	>of 700 or 70% of RS
Fall	Terminal	900	3,692	<b>4,592</b>	>of 2,500 or 60% of RS
Quinault					
Fall	Terminal	0	0	<b>0</b>	
<b>North Coast totals Summer/Falls:</b>		<b>900</b>	<b>10,290</b>	<b>11,190</b>	
<b>Spring/Summers:</b>		<b>2,152</b>	<b>1,000</b>	<b>3,152</b>	14,342
Grays Harbor					
Chehalis springs	Terminal		1,277	1,277	1,400
Chehalis falls	Terminal	2,425	10,351	12,776	9,753
Humtulpis falls	Terminal	3,207	5,841	9,048	3,573
<b>Subregion Falls Total</b>		<b>5,632</b>	<b>16,192</b>	<b>21,824</b>	
<b>Willapa Bay - Fall Chinook</b>	<b>Terminal</b>	<b>32,674</b>	<b>4,131</b>	<b>36,805</b>	
<b>Coast total</b>		<b>41,358</b>	<b>32,890</b>	<b>74,248</b>	