

2013 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 | | Esc w/o fishing | | | 1,191 | 1,191 | <10% So. U.S. | 500 spawners | |
| | Dungeness | | Terminal | 295 | | 265 | 560 | <10% So. U.S. | 500 spawners | |
| | Elwha | | Terminal | 2,245 | | 131 | 2,376 | <10% So. U.S. | 1,000 spawners | |
| | Morse Creek | | Terminal | 183 | | | 183 | | | |
| | Region total | | | | 2,723 | | 1,587 | 4,310 | | |
| North Sound | Glenwood Springs | | 4B | 1,952 | | | 1,952 | | | |
| | Nooksack/Samish | | 4B | 46,578 | | | 46,578 | | | |
| | Skagit | | Terminal | 327 | | 12,927 | 13,254 | 50% total | 4,800 spawners | |
| | Stillaguamish | | Esc w/o fishing | 836 | | 492 | 1,328 | 25% total | 700 | |
| | Snohomish | | Esc w/o fishing | 6,886 | | 3,637 | 10,523 | 21% total | 2,800 spawners | |
| | Tulalip | | Esc w/o fishing | 10,905 | | | 10,905 | | | |
| | Region total | | | | 67,484 | 0 | 17,056 | 84,540 | | |
| Upper South Sound | Lake Washington | | | | | | | | | |
| | Issaquah | | Terminal w/o tribal net & NT sport | 7,547 | | | 7,547 | | | |
| | Univ. of Wa | | Terminal w/o tribal net & NT sport | 1,523 | | | 1,523 | | | |
| | Cedar | | Terminal | | | 794 | 794 | 15% preterm So. U.S., 1,680 esc goal | 200 spawners | |
| | Sammamish | | Terminal | | | 102 | 102 | | | |
| | Subregion total | | | | 9,070 | | 896 | 9,966 | | |
| | Green River | | | | | | | | | |
| | Soos Creek Hatchery | | Terminal w/o tribal-net & NT sport | 11,575 | | | 11,575 | | | |
| | Icy Creek | | Terminal w/o tribal-net & NT sport | 1,170 | | | 1,170 | | | |
| | Mainstem/Newaukum | | Terminal w/o tribal-net & NT sport | | | 1,700 | 1,700 | 15% preterm So. U.S., 5,800 esc goal | 1,800 spawners | |
| | Subregion total | | | | 12,745 | | 1,700 | 14,445 | | |
| | Grovers | | 4B | 2,751 | | | 2,751 | | | |
| | East Kitsap (Gorst, Dogfish) | | 4B | 7,911 | | | 7,911 | | | |
| | Subregion total | | | | 10,662 | | | 10,662 | | |
| | Puyallup River | | 4B | 8,556 | | 1,128 | 9,684 | 50% total | 500 spawners/12 | |
| Upper South Sound Total | | | | 41,033 | | 3,724 | 44,757 | | | |

2013 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 | 6,652 | | | 6,652 | | |
| | Deschutes | 4B | 12,926 | | | 12,926 | | |
| | Nisqually | 4B | 36,326 | | 1,296 | 37,622 | 56% RER | |
| | Chambers | 4B | 5,013 | | | 5,013 | | |
| | McAllister | 4B | | | | 0 | Program is terminated | |
| | Coulter | 4B | | | | 0 | Program is terminated | |
| | Lower South Sound Total | | | 60,917 | 1,296 | | 62,213 | |
| South Sound Total | | | 101,949 | 0 | 5,020 | 106,970 | | |
| Hood Canal | Skokomish w/George Adams | Terminal | 43,997 | | 3,057 | 47,054 | 50% RER | 1,300 spawners/13 |
| | 12B Naturals | Terminal | | | 246 | 246 | 15% preterm So. U.S. 750 esc goal | 400 spawners |
| | 12C/12H/12D | Terminal | 21,712 | | 48 | 21,760 | | |
| Hood Canal Total | | | 65,709 | 0 | 3,351 | 69,060 | | |
| Grand Total | | | 237,865 | 0 | 27,014 | 264,879 | | |
| Footnotes | <ol style="list-style-type: none"> 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 2013 Preseason Forecasts

| Notes | Forecast | | | | | RER | Low Abundance Thresholds |
|---|-------------|--------------|--------------|--------------|--------------|-------------------|-----------------------------|
| | Type | Hatchery | Supplmt | Wild | Total | | |
| Nooksack River | | | | | | | |
| North Fork | Escapement | 875 | 1,030 | 171 | 2,076 | Under Development | 1000 spawners/11 |
| South Fork | Escapement | 136 | | 61 | 197 | Under Development | 1000 spawners/11 |
| Skagit River | | | | | | | |
| | Terminal | 2,768 | | 1,060 | 3,828 | 38% total | 576 spawners |
| White River | | | | | | | |
| Minter Creek | Terminal | 861 | | | 861 | | |
| White River Hatchery | Terminal | 923 | | | 923 | | |
| Buckley Trap | Terminal | | 507 | 519 | 1,026 | 20% total | 200 spawners |
| Upper Puyallup | 4B run size | | | | 0 | | |
| Total White River Springs | | | | | 2,810 | | |
| Total Puget Sound | | 5,563 | 1,537 | 1,811 | 8,911 | | |
| <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 2013 Chinook Preseason Forecasts

| | Hatchery | Wild | Totals | Natural Escapement Goal |
|---|---------------|---------------|---------------|--------------------------|
| North Coast | | | | |
| Quillayute River | | | | |
| Spring | 2,109 | | 2,109 | 200 |
| Summer | | 695 | 695 | 1,200 |
| Fall | | 5,815 | 5,815 | > of 3,000 or 60% of run |
| Hoh | | | | |
| Spring/Summer | | 851 | 851 | >of 900 or 69% of RS |
| Fall | | 3,095 | 3,095 | >of 1,200 or 60% of RS |
| Queets | | | | |
| Spring/Summer | | 357 | 357 | >of 700 or 70% of RS |
| Fall | 938 | 3,782 | 4,720 | >of 2,500 or 60% of RS |
| Quinault | | | | |
| Fall | 3,109 | 3,950 | 7,059 | |
| North Coast totals Summer/Falls: | | | | |
| | 4,047 | 17,337 | 21,384 | |
| Spring/Summers: | | | | |
| | 2,109 | 1,208 | 3,317 | 24,701 |
| Grays Harbor | | | | |
| Chehalis springs | | | | |
| | | 2,247 | 2,247 | 1,400 |
| Chehalis falls | | | | |
| | 1,202 | 15,131 | 16,333 | 12,364 |
| Humptulips falls | | | | |
| | 2,430 | 5,504 | 7,934 | 2,236 |
| Subregion Falls Total | | | | |
| | 3,632 | 20,635 | 24,267 | |
| Willapa Bay - Fall Chinook | | | | |
| | 22,195 | 4,918 | 27,113 | |
| Coast total | | | | |
| | 31,983 | 46,345 | 78,328 | |