

NPAFC

Doc. 1134

Rev. _____

**Washington, Oregon, and California Salmon Hatchery
Releases, Commercial Fishery Catch Statistics, and Sport
Fishery Harvest Statistics for 2007 Season**

by

Heather R. Bartlett

Washington Department of Fish and Wildlife
Fish Program
600 Capital Way N.
Olympia, WA 98501

Submitted to the

North Pacific Anadromous Fish Commission

by

United States Party

November 2008

THIS PAPER MAY BE CITED IN THE FOLLOWING MANNER:

Bartlett, H.R. 2008. Washington, Oregon, and California Salmon Hatchery Releases, Commercial Fishery Catch Statistics, and Sport Fishery Catch Statistics for 2007 Season. NPAFC Doc. No. 1134. 4 pp. Washington Department of Fish and Wildlife, Fish Program, 600 Capital Way N. Olympia, WA 98501. (Available at <http://www.npafc.org>).

Hatchery Releases

Recorded releases for Washington, Oregon, and California totaled just over 290 million fish in 2007 (Table 1). Releases for all species and location were not available for 2008. In release year 2007, chinook represented 59% of the total release; chum represented 17%, coho represented 13.5%, sockeye represented 5%, steelhead represented 5.5.

Commercial Catch Statistics

Ocean salmon fisheries conducted off the coasts of Washington, Oregon, and California are directed toward and harvest primarily chinook and coho salmon. Small numbers of pink salmon are harvested in odd numbered years. West Coast fisheries in the Pacific Fishery Management Council-managed waters occur from 0 to 200 nautical miles offshore between the U.S./Canada border and the U.S./Mexico border.

Total 2007 exvessel value for the non-Indian commercial salmon fisheries within Washington, Oregon and California was \$11.6 million, an increase of 24% from 2006 (Pacific Fishery Management Council 2008). In terms of number of fish, the non-Indian commercial chinook harvest (163,000 fish) increased by 34% compared to 2006, however, the number of Chinook harvested was 78% below the long-term average (751,000 fish). Coho catch increased in 2007 to 23,000 fish, over eight times the 2,700 coho recorded in 2006. Average weight per chinook was slightly less than the previous year (8%), while the coho average weight decreased by over 30%.

Treaty Indian commercial fisheries off Washington are allocated a share of the total ocean salmon harvest. The treaty Indian commercial fisheries (inclusive of Ceremonial and Subsistence) harvested 25,600 chinook, and 40,000 coho. While the Chinook catch was less than the total catch in 2006, the coho catch was an improvement. Table 2 shows 2007 harvest numbers by salmon species and fishing area, in units of fish harvested, and Table 3 provides this information in units of pounds harvested.

A number of inside marine and freshwater commercial and sport fisheries are conducted as well, and preliminary harvest information is available for select areas (Table 4). Harvest represented within Table 4 includes non-Indian commercial, Indian net fisheries, and sport fisheries.

Sport Fishery Catch Statistics

Ocean sport fishery harvest for California, Oregon and Washington for 2007 is presented in Table 5.

Table 1. 2007 Salmon release by state from California, Oregon, Idaho and Washington Hatcheries:

State	Chinook	Chum	Coho	Sockeye	Pink	Steelhead	Total
CA	34,807,395		59,451			1,181,348	36,048,194
OR	13,170,134		6,064,311			1,220,393	20,454,838
ID	9,246,047			101,373		4,417,762	13,765,182
WA	114,494,953	48,555,671	32,861,576	15,302,621		9,249,080	220,463,901
Total	171,718,529	48,555,671	38,985,338	15,403,994		16,068,583	290,732,115

Table 2. Preliminary 2007 ocean commercial salmon harvest by state and species, in *thousands of fish* (PFMC 2008). Includes treaty fisheries.

State	Species		
	Chinook	Coho	Pink
CA	113.4	-	-
OR	35.5	17.1	-
WA	39.9	45.9	0.7

Missing data indicates no harvest, and zero indicates harvest activity less than 500.

Table 3. Preliminary 2007 ocean commercial salmon harvest by state and species, in *thousands of pounds* (PFMC 2008).

State	Species		
	Chinook	Coho	Pink
CA	1513	-	-
OR	464	101	-
WA	412	253	3

Missing data indicates no harvest, and zero indicates harvest activity less than 500.

Table 4. 2007 Inside marine and select freshwater salmon harvest by fishing area and species within Washington, Oregon, and California in thousands of fish (PFMC 2008).

Fishing Area	Chinook	Coho	Chum	Pink	Sockeye
Klamath River	34				
Columbia River	125	69			
Willapa Bay	4	8			
Grays Harbor	2	10.5			
Quinault River	2	11	1		0
Queets River	0	2			
Hoh River	0	1.5			
Quillayute River	1.5	10.5			
Puget Sound and Lake Washington	122	226	1,463	514	13.6

Missing data indicates no harvest, and zero indicates harvest activity less than 500.

Table 5. Preliminary 2007 California, Oregon, and Washington ocean sport harvest by state and species in *thousands of fish* (PFMC 2008).

State	Species		
	Chinook	Coho	Pink
CA	47.6		.7
OR	6.9		60.7
WA	8.9		83.8

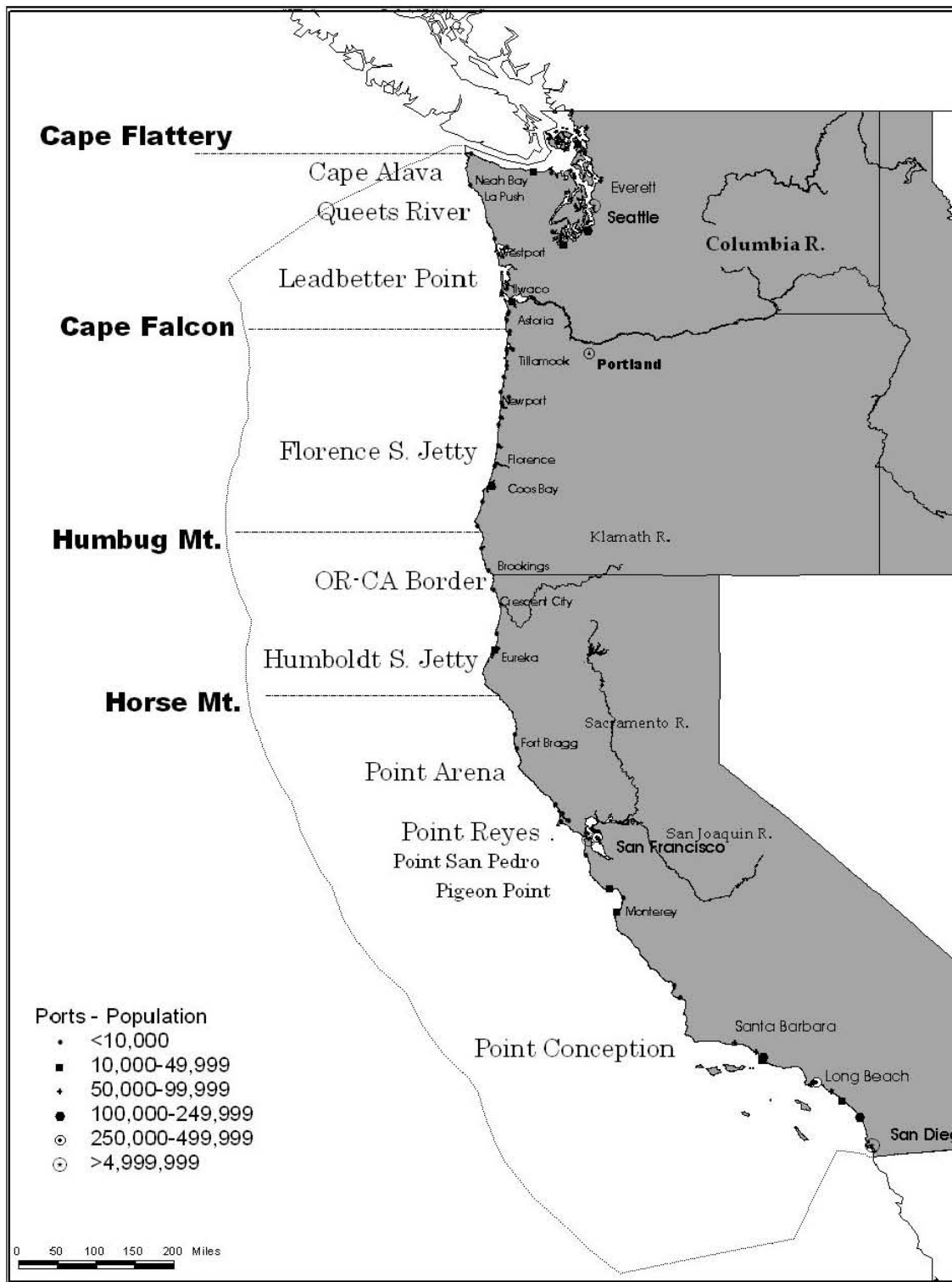


Figure 1. States and ocean fishery management areas regulated through the Pacific Fishery Management Council.

References

Pacific Fishery Management Council. 2008. *Review of 2007 Ocean Salmon Fisheries*. (Document prepared for the Council and its advisory entities.) Pacific Fishery Management Council, 7700 NE Ambassador Place, Suite 200, Portland, Oregon 97220-1384