## ALASKA DEPARTMENT OF FISH AND GAME DIVISION OF COMMERCIAL FISHERIES

## **NEWS RELEASE**



Cora Campbell, Commissioner Jeff Regnart, Director



Contact: Steve Moffitt, PWS Finfish Research Biologist Rich Brenner, PWS Assistant Finfish Research Biologist

Phone: (907) 424-3212 Fax: (907) 424-3235 Cordova ADF&G 401 Railroad Avenue PO Box 669 Cordova, AK 99574

Date Issued: 1/15/2014

## 2014 PRINCE WILLIAM SOUND AND COPPER RIVER SALMON FORECAST SUMMARY

This news release provides a summary of the 2014 salmon forecasts for the Prince William Sound area. A more complete forecast document providing details on methods, history, data sources, and sources of uncertainty in the forecasts and can be found on the Department of Fish and Game website at the following link: <a href="http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareapws.salmon#/forecasts">http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareapws.salmon#/forecasts</a>

Prince William Sound Aquaculture Corporation 2014 projections may be viewed at the following link:

http://pwsac.com/wp-content/uploads/2013/12/2014-PWSAC-Forecast.pdf

Formal forecasts were calculated for stocks including Copper River Chinook and Sockeye salmon; PWS pink salmon, PWS chum salmon; Coghill and Eshamy lakes sockeye salmon (Table 1). Hatchery forecasts are calculated by Prince William Sound Aquaculture Corporation (PWSAC) and Valdez Fisheries Development Association (VFDA).

Table 1. Total run estimates for the 2014 Prince William Sound area stocks from formal forecasts (thousands of fish).

Area/Production Type	Species	Forecast Estimate	Range	Rank last 20 years (1 = largest run)	
Copper River					
Natural Production	Chinook Salmon	62	41–91	14 <sup>th</sup>	
Natural Production	Sockeye Salmon	2,100	1,270-2,930	9 <sup>th</sup>	
Gulkana Hatchery	•	470	280–650	$7^{ ext{th}}$	
Production					
Total Production		2,560	1,550–3,580	8 <sup>th</sup>	
Prince William Sound					
Natural Production					
Coghill Lake	Sockeye Salmon	168	92-363	$7^{ m th}$	
Eshamy Lake	•	53	29–77	$6^{ ext{th}}$	
Total Natural Production		221	140–420		
Natural Production	Pink Salmon	4,300	580-19,000	11 <sup>th</sup> (20 even years)	
Natural Production	Chum Salmon	445	190–722	9 <sup>th</sup>	

In addition to formal forecasts of total runs, commercial common property (CCP) projections are estimated for most natural stocks and Gulkana Hatchery production (Table 2). Harvest projections for all other hatchery stocks are not available at this time.

Table 2. Commercial common property harvest projections for the 2014 Prince William Sound area by production type, and species (thousands of fish).

Fishing Area	Chinook	Sockeye	Coho	Pink	Chum	Total
Bering River						
Natural Production <sup>a</sup>	0	15	48	1	0	65
Copper River						
Natural Production <sup>b</sup>	22	1,340	229	29	11	1,631
Hatchery Production <sup>b,</sup>						
c	0	270	0	0	0	270
Total Production	22	1,600	229	29	11	1,901
Prince William Sound						
Natural Production <sup>d</sup>	0	170	2	3,140	245	3,557
Hatchery Production	0	*	*	*	*	*
Total Production	0	*	*	*	*	*
Area Totals						
Natural Production	22	1,525	279	3,170	256	5,252
Hatchery Production	0	*	*	*	*	*

<sup>&</sup>lt;sup>a</sup> No formal forecasts are created for these stocks. CCP harvest projections shown are recent 10-year averages.

<sup>&</sup>lt;sup>b</sup> Harvest estimates for these stocks are from formal forecast models documented in the complete forecast document.

<sup>&</sup>lt;sup>c</sup> Forecasts completed by the Alaska Department of Fish and Game.

<sup>&</sup>lt;sup>d</sup> Formal forecasts were completed for Coghill and Eshamy lakes sockeye salmon; and pink and chum salmon from all districts combined. Chinook and coho salmon projections are 10-year average CCP harvests.

<sup>\*</sup> Total run forecasts are completed by PWSAC and VFDA; however, no commercial harvest projections are available.