



Advisory Announcement
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CONTACT: Bo Meredith
Ketchikan Area Management Biologist
bo.meredith@alaska.gov
(907) 225-5195

2022 KETCHIKAN HERRING FISHERY UPDATE # 12

Aerial surveys were conducted in the Craig and Sea Otter Sound areas on April 14, 15, and 16, and the West Behm Canal area on April 14 and 16.

Craig

Aerial surveys covered the entire Craig/Klawock area from Port Saint Nicholas to Saint Phillips Island and Portillo Channel to Point Amargura. Weather conditions were good with sunny skies, light winds, and excellent visibility all three days. On April 14, 0.2 nautical miles (nmi) of spawn was observed on Palisade Island. On April 15, 0.5 nmi of spawn was observed on Palisade Island and Point San Lucia. On April 16, 0.1 nmi of spawn was observed at Palisade Point and Saint Phillips Island. Skiff surveys conducted on April 14 and April 15 recorded an additional 4.0 nmi of herring spawn that was missed during the days an aerial survey did not occur. The cumulative estimate of herring spawn in the Craig/Klawock area is approximately 35.4 nmi (Figure 1). This is the second largest cumulative miles of herring spawn documented in the Craig/Klawock area. The *R/V Kestrel* is conducting herring spawn deposition dive surveys on April 17 and 18.

2022 Craig/Klawock Daily Herring Aerial Summary

March 19, 2022	Limited predator activity.
March 26, 2022	Increased predator activity.
March 31, 2022	Significant predator activity around Fish Egg and Abbess Islands and Klawock Reef.
April 4, 2022	Significant predator activity around Fish Egg, Clam, and Wadleigh Islands.
April 7, 2022	0.1 nmi of spawn on East San Fernando Island.
April 8, 2022	4.1 nmi of spawn on East San Fernando, Fish Egg, and Ballandra Islands, and Port Bagial.
April 9, 2022	13.2 nmi of spawn on East San Fernando, Port Bagial, Fish Egg, and Ballandra Island.
April 10, 2022	26.4 nmi of spawn from Rosary Island to the Coronados Islands.
April 13, 2022	1.6 nmi of spawn on the Prince of Wales shoreline.
April 14, 2022	0.2 nmi of spawn around Palisade Island.
April 15, 2022	0.5 nmi of spawn around Palisade Island and Point San Lucia.
April 16, 2022	0.1 nmi of spawn at Palisade Point and Saint Phillips Island.

Revilla Channel

The cumulative herring spawn observed in state waters in Revilla Channel is 6.6 nmi. The *R/V Kestrel* concluded a herring spawn deposition dive survey on Saturday, April 9, 2022. Results of the survey will be available in the fall of 2022.

West Behm Canal

Aerial surveys covered the Cleveland Peninsula shoreline from Caamano Point to Point Francis over to Indian Point and through Clover Passage. Weather was good with sunny skies, light winds, and excellent visibility. No herring or herring spawn was observed. Minimal predator activity was observed.

2022 West Behm Canal Daily Herring Aerial Summary

April 7, 2022 Moderate predator activity.
 April 8, 2022 0.4 nmi of spawn at Indian Point.
 April 9, 2022 0.2 nmi of spawn near Indian Point.
 April 10, 2022 Some predator activity near Mike Point and Pt. Francis.
 April 13, 2022 Some predator activity near Bond Bay, Mike Point, and Pt. Francis.
 April 14, 2022 Minimal predator activity.
 April 16, 2022 Minimal predator activity.

Aerial surveys over the last several days have observed approximately 6.0 nmi of herring spawn in Kasaan Bay that extended from Karta Bay to Sandy Point into 12-Mile Arm and approximately 7.0 nmi of herring spawn along the northern shore of Heceta Island from Camp Island extending south and east towards Karheen Passage

Unless the department receives new information, no further herring aerial surveys are scheduled for the Ketchikan area in 2022.

All aerial herring survey data can be reviewed online, including spawn lines and photos, in an interactive map application found at: <https://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareasoutheast.herring#maps> or scan:



Advisory Announcement web site: <http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>.

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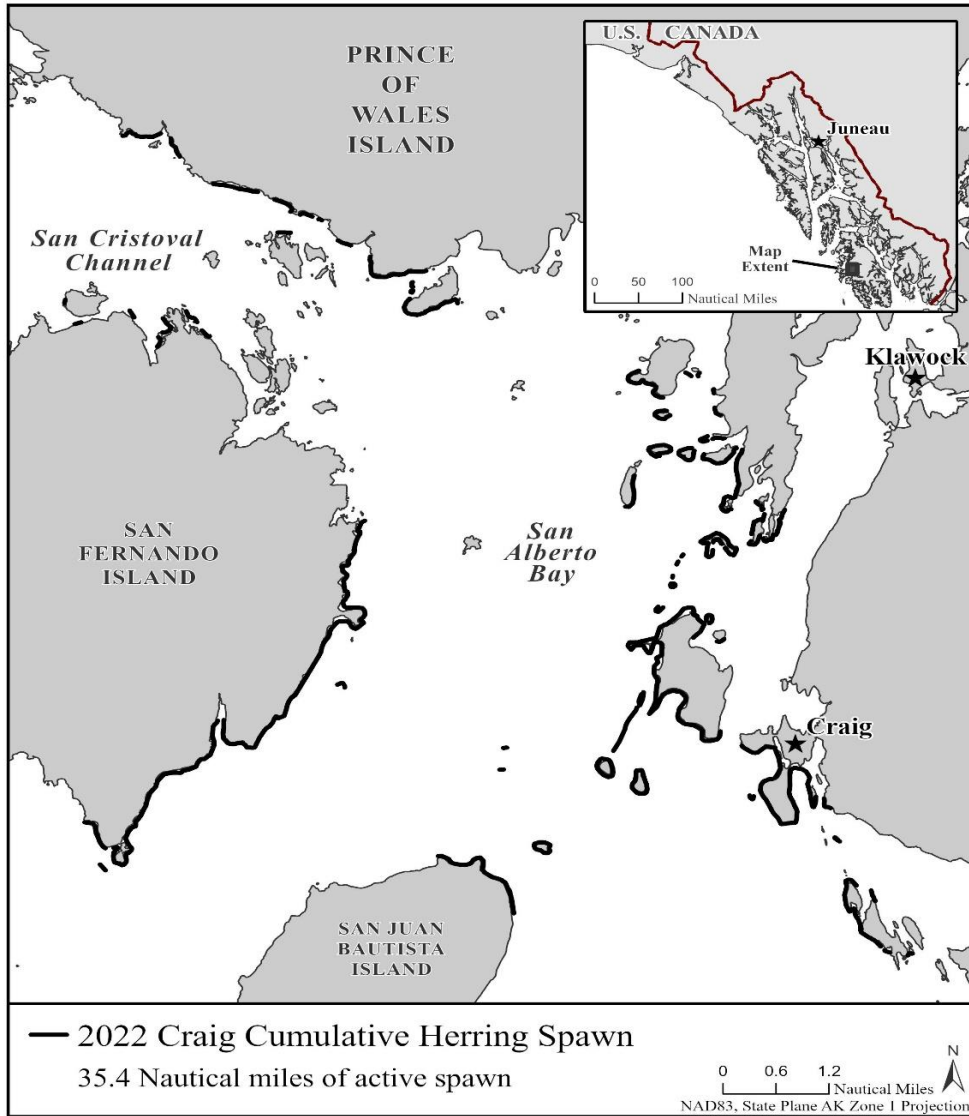


Figure 1. Map of cumulative herring spawn in the Craig/Klawock area documented by ADF&G in 2022.