

Kuskokwim River In-season Harvest and Effort Estimates

6/19/2021 Subsistence Harvest Opportunity (Drift & Set Nets)

Opportunity Time Period: 6:00 AM – 6:00 PM (12 Hours)

Area Covered by Estimates: Tuntutuliak ↔ Akiak

Contact Person(s): Kevin Whitworth (kevinwhitworth@kritfc.org), Katie Russell (krussell@nativecouncil.org)

Special Action #: 3-KS-02-21

Special Action: https://www.fws.gov/uploadedFiles/2021_fisheries_3-KS-02-21_Final_6.17.2021.pdf



Data Sources

TABLE 1. The number and percent of fisher interviews conducted by location and organization.

Data Source	Interviews	Percent
Bethel Boat Harbor (ONC)	119	50%
Other Villages (BSFA/KRITFC)	88	37%
Bethel Area Fish Camps (ONC)	30	13%
Total	237	100%

Of these interviews, **226** were from drift nets and **11** were from set nets.

TABLE 2. The time each flight was conducted and fishers counted each flight.

Time Information			Nets Counted	
Start Time	End Time	Hours	Drift	Set
9:34 AM	11:00 AM	1.43	437	12
3:13 PM	4:32 PM	1.32	271	28

Effort Estimates

- An estimated **511** total drift boat trips occurred.
 - An estimated **80%** of the trips counted on flight 2 were also counted on flight 1.
 - An estimated **20** trips were not counted during any flight.
- An estimated **31** total set net trips occurred.

Harvest Estimates

- An estimated total of **9,580 (8,400 – 10,920)** salmon were harvested.
 - An estimated total of **6,190 (5,330 – 7,140)** Chinook salmon were harvested.
 - An estimated total of **990 (670 – 1,400)** chum salmon were harvested.
 - An estimated total of **2,400 (2,080 – 2,740)** sockeye salmon were harvested.
- Harvest by set nets accounted for an estimated **630 (350 – 940)** total salmon (62% Chinook salmon, 11% chum salmon, and 27% sockeye salmon).