

Kuskokwim River In-season Harvest and Effort Estimates

6/1/2022 Subsistence Harvest Opportunity (Set Nets Only)

Opportunity Time Period: 6:00 AM – 10:00 PM (16 Hours)

Area Covered by Estimates: Tuntutuliak ↔ Akiak

Announcement #: 3-KS-01-22



Data Sources

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

Data Source	Interviews	Percent
Other Villages (BSFA/KRITFC)	15	53%
Bethel Boat Harbor (ONC)	10	36%
Bethel Area Fish Camps (ONC)	3	11%
Total	28	100%

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

Time Information			Nets Counted	
Start Time	End Time	Hours	Drift	Set
6:12 PM	7:47 PM	1.58	0	30

Effort Estimates

- An estimated **30** total set net trips occurred.

Harvest Estimates

- An estimated total of **30 (0 – 80)** salmon were harvested.
 - An estimated total of **30 (0 – 80)** Chinook salmon were harvested.
 - An estimated total of **0 (0 – 0)** chum salmon were harvested.
 - An estimated total of **0 (0 – 0)** sockeye salmon were harvested.

TABLE 3. Summary of relevant quantities by river stratum (area) for set nets. Numbers in parentheses are 95% confidence intervals.

Stratum	Interviews	Effort Est.	Estimated Harvest			
			Chinook	Chum	Sockeye	Total
Tuntutuliak ↔ Johnson R.	1	1	0 (0 – 0)	0 (0 – 0)	0 (0 – 0)	0 (0 – 0)
Johnson R. ↔ Napaskiak	12	5	10 (0 – 10)	0 (0 – 0)	0 (0 – 0)	10 (0 – 10)
Napaskiak ↔ Akiachak	15	19	20 (0 – 50)	0 (0 – 0)	0 (0 – 0)	20 (0 – 50)
Akiachak ↔ Akiak	0	5	10 (0 – 10)	0 (0 – 0)	0 (0 – 0)	10 (0 – 10)
All	28	30	30 (0 – 80)	0 (0 – 0)	0 (0 – 0)	30 (0 – 80)

FIGURE 1. Distributions of relevant quantities from all completed trips using set nets. The mean quantity by primary data source is shown in the top right; BBH = Bethel Boat Harbor (ONC), CBM = Other Villages (BSFA/KRITFC), FC = Bethel Area Fish Camps (ONC).

