

Kuskokwim River Salmon Management Working Group

1 (800) 315-6338 (MEET) Code: 58756# (KUSKO)

ADF&G Bethel toll free: 1 (855) 933-2433

Meeting Agenda

Date: June 18th, 2025

Time: 10 am

Place: Bethel

Time Called to Order:

Chair:

ROLL CALL TO ESTABLISH QUORUM:

Upriver Elder:

Downriver Elder:

Commercial Fisher:

Lower River Subsistence:

Middle River Subsistence:

Upper River Subsistence:

Headwaters Subsistence:

QUORUM MET? Yes / No

Processor:

Member at Large:

Sport Fisher:

Western Interior RAC:

Y-K Delta RAC:

KRITFC:

ADF&G:

INTRODUCTIONS:

INVOCATION:

APPROVAL OF AGENDA: *the agenda may be amended at this time.*

PEOPLE TO BE HEARD: *Non-Working Group Members*

CONTINUING BUSINESS:

- A. Subsistence Reports: Lowest River, ONC Inseason Subsistence Report, KRITFC Inseason Harvest Report, Lower River, Middle River, Upper River, Headwaters
- B. Overview of Kuskokwim River salmon run assessment:
 - 1. ADF&G – Sean Larson (sonar/weirs/ATF)
 - 2. USFWS – Nate Akers
 - 3. NVN – Dan Gillikin
 - 4. ONC – Jacob Wade
 - 5. KRITFC – Justin Leon
- C. Intercept Fishery Report: *optional*
- D. Yukon Delta National Wildlife Refuge Fishery Management update – Spencer Rearden and Kevin Whitworth
- E. ADF&G upcoming management considerations and discussion of possible alternatives (recommendations from the Working Group) – Sam Decker
- F. Motions for Discussion and Action

OLD BUSINESS:

- G. Update on teleconference platform switch

NEW BUSINESS:

COMMENTS FROM WORKING GROUP MEMBERS:

NEXT MEETING DATE: _____ **Time:** _____ **Place:** _____

Kuskokwim River Salmon Management Working Group
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Informational Packet

Information Packets *ARE*:

- **Intended to help inform Working Group discussions.**
- **To be viewed and used in context with Working Group meetings only.**

Packets *ARE NOT*:

- **To be viewed as standalone documents.**
- **A final say on fisheries management decisions.**

Please use this information responsibly:

Packet information is an incomplete snapshot of an ongoing discussion and changing conditions. Packet information should not be reproduced for any purpose other than to describe Working Group meeting discussions.

Misuse of Packet information can contribute to misunderstandings that can **cause harm to salmon users** and potentially **damage salmon resources**.

Ask Questions: ADF&G staff will be happy to answer biology and management questions. Please call **1-855-933-2433** to reach ADF&G Kuskokwim Area staff.

Attend Meetings: Each Working Group meeting is announced at least 48 hours prior to time and date of meeting. In addition, each meeting is recorded. Recordings can be found here:
http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyarea_kuskokwim.kswg

Viewing the information packet while listening to meetings/recordings will provide a better understanding of the information presented in this packet.

Thank you,
Kuskokwim ADF&G



Orutsararmiut Native Council (ONC) Inseason Harvest Monitoring Weekly Report

June 18, 2025

Summary of Interview Activities

ONC fisheries staff contacted prior year Bethel area fish camp users and were granted permission by 74 fish camps to continue conducting surveys this season. We will continue our efforts in seeking authorization to conduct surveys with the other camps that we've been unable to contact thus far. ONC staff also asked where their fish camps were located. The majority of fish camps we've contacted are not yet actively fishing.

Comments from interviewees at the boat harbor and fish camp from the June 12th and June 16th drift/set net opportunity include the following: 11 subsistence users desired more fishing opportunities, one said to have openers that follow the tides, one said to have the openers closer together so it's easier to teach next generation. One fisher said to wait another week before opening. Several fishers had a concern that commercial fishing is depleting Chinook salmon for the Kuskokwim River. One fisher noticed that the parasites are larger this year.

Table 1. Average number of salmon harvested by surveyed Bethel area fish camps and Bethel boat harbor from the June 12th drift/set net opportunity.

Data Source	Number of Surveys Conducted	Average Chinook Salmon Harvest	Average Chum Salmon Harvest	Average Sockeye Salmon Harvest	Average other harvest	Net Length Range (ft.)	Mesh Size Range (in.)
Bethel Area Fish Camps	11	14.4	1.0	1.7	0.1	75-150	5 5/8-6
Bethel Boat Harbor	123	10.1	1.3	2.3	0.07	25-300	3 1/4-6



Table 2. Average number of salmon harvested by surveyed Bethel area fish camps and Bethel boat harbor from the June 16th drift/set net opportunity.

Data Source	Number of Surveys Conducted	Average Chinook Salmon Harvest	Average Chum Salmon Harvest	Average Sockeye Salmon Harvest	Average other harvest	Net Length Range (ft.)	Mesh Size Range (in.)
Bethel Area Fish Camps	9	11.7	2.6	12.2	0.1	75-300	5 ¼-6
Bethel Boat Harbor	137	12.2	4.9	8.7	0.2	25-300	4 ¼-6

Chinook Salmon Age-Sex-Length (ASL) Sampling Program Recruitment

We have had three fishers turn in several scale card sheets.

Fish Distribution

We began fish distribution this past Sunday. We delivered 20 Sockeye Salmon and 1 Sheefish. We did not deliver on Monday due to the sonar site only having only a few fish with the opener going on.

Kuskokwim River In-season Harvest and Effort Estimates

6/9/2025 Subsistence Harvest Opportunity (Set Nets Only)

Opportunity Time Period: 7:00 AM – 11:00 PM (16 Hours)

Area Covered by Estimates: Tuntutuliak ↔ Bogus Cr.



Data Sources

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

Data Source	Interviews	Percent
Bethel Boat Harbor (ONC)	35	44%
Other Villages (KRITFC)	31	39%
Bethel Area Fish Camps (ONC)	13	17%
Total	79	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
1:48 PM	4:09 PM	2.35	0	233

Effort Estimates

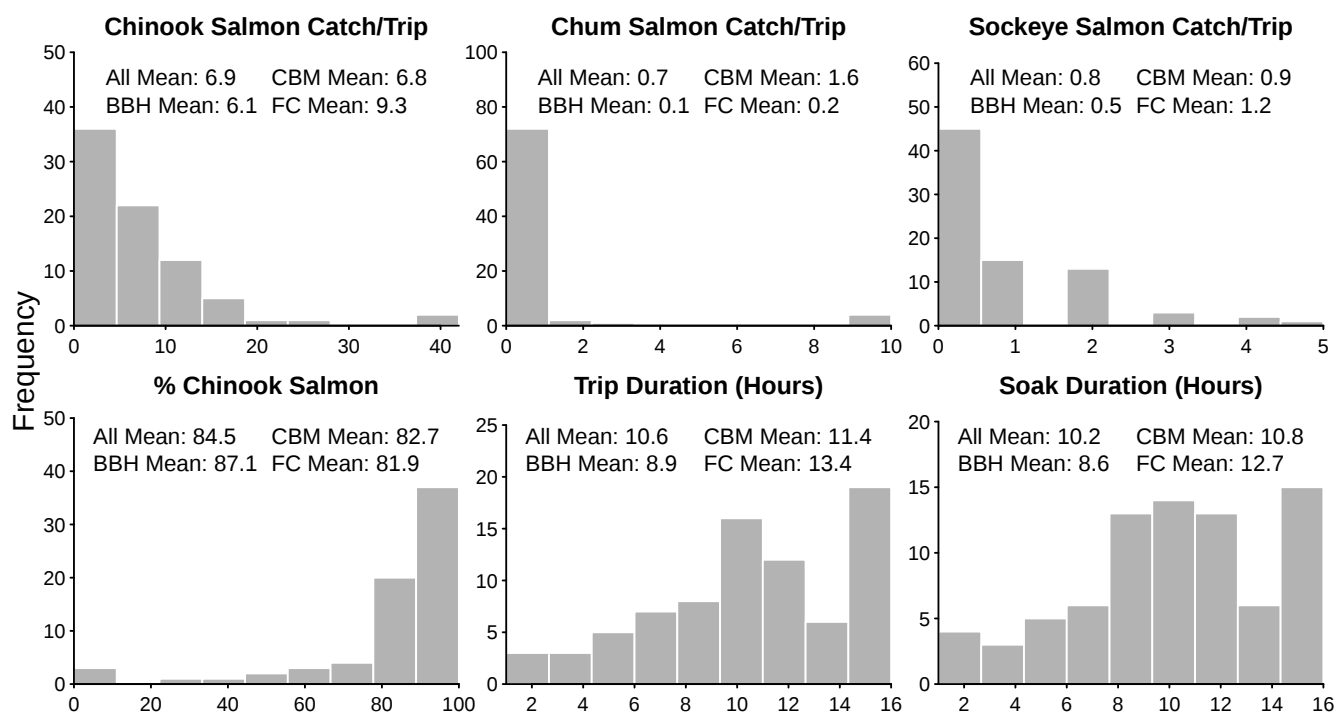
- An estimated **233** set net trips occurred.

Harvest Estimates

- An estimated total of **2,690 (1,724 – 3,901)** salmon were harvested.
 - An estimated total of **2,252 (1,330 – 3,400)** Chinook salmon were harvested.
 - An estimated total of **179 (67 – 329)** chum salmon were harvested.
 - An estimated total of **259 (148 – 408)** sockeye salmon were harvested.

TABLE 3. Summaries 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.	0	7	68 (40 – 102)	5 (2 – 10)	8 (4 – 12)	81 (51 – 117)
Johnson R. ↔ Napaskiak	35	35	338 (200 – 511)	27 (10 – 49)	39 (22 – 61)	404 (259 – 586)
Napaskiak ↔ Akiachak	38	150	1,450 (856 – 2,189)	115 (43 – 212)	167 (96 – 263)	1,732 (1,111 – 2,512)
Akiachak ↔ Akiak	6	31	300 (177 – 452)	24 (9 – 44)	34 (20 – 54)	358 (229 – 519)
Akiak ↔ Bogus Cr.	0	10	97 (57 – 146)	8 (3 – 14)	11 (6 – 18)	115 (74 – 167)
Total	79	233	2,252 (1,330 – 3,400)	179 (67 – 329)	259 (148 – 408)	2,690 (1,724 – 3,901)

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 (KRITFC), FC = Bethel Area Fish Camps (ONC).

Appendix A: Detailed Interview Summaries

Column Meanings

- **Area:** the area of the river the trip occurred in
- **N:** the number of interviews with usable information in each area
- **Min:** the minimum value among trips in each area
- **25%:** the value that 25% of trips fell below in each area
- **Mean:** the average value across trips in each area
- **75%:** the value that 75% of trips fell below in each area
- **Max:** the maximum value among trips in each area

Information is for set net trips only.

TABLE A1. Summary of set net catch per trip of Chinook salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	0	2	6	9	18
Napaskiak ↔ Akiachak	38	0	1	8	10	42
Akiachak ↔ Akiak	6	0	4	8	14	15
All	79	0	2	7	10	42

TABLE A2. Summary of set net catch rate of Chinook salmon by fishing area (fish per 150 feet of net per hour).

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	0	0.6	2.2	2.1	25
Napaskiak ↔ Akiachak	38	0	0.2	2.6	1.7	36
Akiachak ↔ Akiak	6	0	0.9	2.1	3.3	3.3
All	79	0	0.4	2.4	2.2	36

TABLE A3. Summary of set net catch per trip of chum salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	0	0	0	0	3
Napaskiak ↔ Akiachak	38	0	0	1	0	10
Akiachak ↔ Akiak	6	0	0	3	8	10
All	79	0	0	1	0	10

TABLE A4. Summary of set net catch rate of chum salmon by fishing area (fish per 150 feet of net per hour).

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	0	0	0.1	0	0.9
Napaskiak ↔ Akiachak	38	0	0	0.2	0	3.5
Akiachak ↔ Akiak	6	0	0	0.7	1.7	2.2
All	79	0	0	0.2	0	3.5

TABLE A5. Summary of set net catch per trip of sockeye salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	0	0	1	1	3
Napaskiak ↔ Akiachak	38	0	0	1	2	5
Akiachak ↔ Akiak	6	0	0	1	2	2
All	79	0	0	1	1	5

TABLE A6. Summary of set net catch rate of sockeye salmon by fishing area (fish per 150 feet of net per hour).

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	0	0	0.3	0.3	5
Napaskiak ↔ Akiachak	38	0	0	0.2	0.3	1.8
Akiachak ↔ Akiak	6	0	0	0.2	0.4	0.4
All	79	0	0	0.3	0.3	5

TABLE A7. Summary of set net percent composition of Chinook salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	0%	83%	84%	100%	100%
Napaskiak ↔ Akiachak	38	0%	80%	86%	100%	100%
Akiachak ↔ Akiak	6	56%	56%	80%	100%	100%
All	79	0%	80%	85%	100%	100%

TABLE A8. Summary of set net trip duration by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	1	7.3	9.4	11.5	16
Napaskiak ↔ Akiachak	38	1.5	9.2	11.7	14.9	16
Akiachak ↔ Akiak	6	6	10	10.6	11.8	14.5
All	79	1	8.5	10.6	14	16

TABLE A9. Summary of set net active fishing hours by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	1	7	9.1	11.4	16
Napaskiak ↔ Akiachak	38	1.5	9.1	11.2	14.5	16
Akiachak ↔ Akiak	6	5.8	9	9.8	11.4	13
All	79	1	8.1	10.2	12.8	16

Appendix B: Non-salmon Harvest Information

- An estimated total of **385 (206 – 591)** nonsalmon were harvested.
 - An estimated total of **159 (75 – 252)** sheefish were harvested.
 - An estimated total of **226 (96 – 368)** all whitefishes were harvested.

TABLE B1. Summaries by river stratum (area) for set nets. Numbers in parentheses are 95% confidence intervals.

Stratum	Interviews	Effort Est.	Estimated Harvest		
			Sheefish	Whitefish	Total
Tuntutuliak ↔ Johnson R.	0	7	5 (2 – 8)	7 (3 – 11)	12 (6 – 18)
Johnson R. ↔ Napaskiak	35	35	24 (11 – 38)	34 (14 – 55)	58 (31 – 89)
Napaskiak ↔ Akiachak	38	150	102 (49 – 162)	146 (62 – 237)	248 (133 – 380)
Akiachak ↔ Akiak	6	31	21 (10 – 33)	30 (13 – 49)	51 (27 – 79)
Akiak ↔ Bogus Cr.	0	10	7 (3 – 11)	10 (4 – 16)	17 (9 – 25)
Total	79	233	159 (75 – 252)	226 (96 – 368)	385 (206 – 591)

TABLE B2. Summary of set net catch per trip of sheefish by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	0	0	0	1	2
Napaskiak ↔ Akiachak	38	0	0	0	0	6
Akiachak ↔ Akiak	6	0	0	2	4	5
All	79	0	0	0	0	6

TABLE B3. Summary of set net catch per trip of all whitefishes by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	35	0	0	0	0	2
Napaskiak ↔ Akiachak	38	0	0	1	1	10
Akiachak ↔ Akiak	6	0	0	4	6	8
All	79	0	0	1	1	10

Kuskokwim River In-season Harvest and Effort Estimates

6/12/2025 Subsistence Harvest Opportunity (Drift & Set Nets)

Opportunity Time Period: 7:00 AM – 7:00 PM (12 Hours)

Area Covered by Estimates: Tuntutuliak ↔ Bogus Cr.



Data Sources

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

Data Source	Interviews	Percent
Bethel Boat Harbor (ONC)	118	61%
Other Villages (KRITFC)	65	33%
Bethel Area Fish Camps (ONC)	11	6%
Total	194	100%

Of these interviews, **184** were from drift nets and **10** 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
10:27 AM	12:43 PM	2.27	330	32
2:50 PM	5:13 PM	2.38	285	81

Effort Estimates

- An estimated **414** drift boat trips occurred.
 - An estimated **79%** of the trips counted on flight 2 were also counted on flight 1.
 - An estimated **24** trips started and ended when no flights occurred.
- An estimated **81** set net trips occurred.

Harvest Estimates

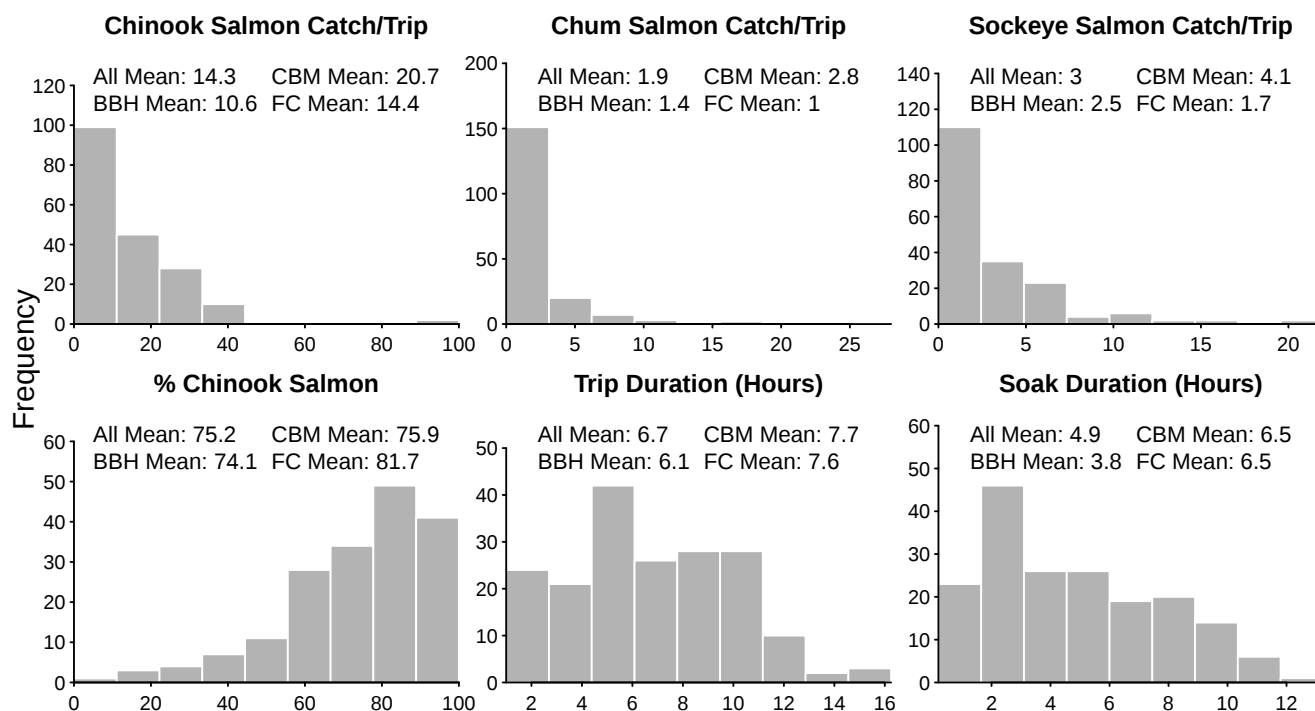
- An estimated total of **12,599 (10,599 – 15,118)** salmon were harvested.
 - An estimated total of **8,956 (7,389 – 11,032)** Chinook salmon were harvested.
 - An estimated total of **1,220 (813 – 1,740)** chum salmon were harvested.
 - An estimated total of **2,423 (1,889 – 3,082)** sockeye salmon were harvested.
- Harvest by set nets accounted for an estimated **713 (337 – 1,118)** total salmon (**82%** Chinook salmon, **4%** chum salmon, and **14%** sockeye salmon).

TABLE 3. Summaries by river stratum (area) for drift nets. Numbers in parentheses are 95% confidence intervals.

Stratum	Interviews	Effort Est.	Estimated Harvest			
			Chinook	Chum	Sockeye	Total
Tuntutuliak ↔ Johnson R.	22	96	4,025 (2,537 – 6,085)	739 (344 – 1,222)	1,166 (812 – 1,596)	5,930 (4,111 – 8,206)
Johnson R. ↔ Napaskiak	49	66	1,578 (1,305 – 1,881)	244 (160 – 348)	295 (205 – 402)	2,117 (1,725 – 2,548)
Napaskiak ↔ Akiachak	110	196	2,158 (1,757 – 2,608)	161 (109 – 226)	670 (379 – 1,177)	2,989 (2,422 – 3,719)
Akiachak ↔ Akiak	2	34	370 (300 – 442)	27 (18 – 37)	116 (66 – 193)	514 (416 – 626)
Akiak ↔ Bogus Cr.	1	22	243 (196 – 293)	18 (12 – 25)	74 (43 – 130)	335 (271 – 412)
Total	184	414	8,374 (6,815 – 10,360)	1,190 (787 – 1,695)	2,322 (1,799 – 2,944)	11,886 (9,993 – 14,308)

TABLE 4. Estimated trips, average (95% confidence limits) total salmon catch per trip, and percent catch by species summarized for the areas above and below the confluence of the Johnson River with the Kuskokwim River. Quantities are derived from the strata- and species-specific harvest estimates, not the raw interview data.

Location	Total Trips	Total Catch/Trip	Salmon Species % Composition		
			Chinook	Chum	Sockeye
Downstream of Johnson R.	96	62 (43 – 85)	67% (58% – 76%)	13% (7% – 20%)	20% (14% – 27%)
Upstream of Johnson R.	318	19 (17 – 21)	73% (67% – 78%)	8% (6% – 9%)	19% (15% – 26%)

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

Appendix A: Detailed Interview Summaries

Column Meanings

- **Area:** the area of the river the trip occurred in
- **N:** the number of interviews with usable information in each area
- **Min:** the minimum value among trips in each area
- **25%:** the value that 25% of trips fell below in each area
- **Mean:** the average value across trips in each area
- **75%:** the value that 75% of trips fell below in each area
- **Max:** the maximum value among trips in each area

Information is for drift net trips only.

TABLE A1. Summary of drift net catch per trip of Chinook salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	6	11	26	31	100
Johnson R. ↔ Napaskiak	49	0	10	20	26	44
Napaskiak ↔ Akiachak	110	0	4	10	14	42
Akiachak ↔ Akiak	2	1	2	4	5	6
Akiak ↔ Bogus Cr.	1	1	1	1	1	1
All	184	0	5	14	20	100

TABLE A2. Summary of drift net catch rate of Chinook salmon by fishing area (fish per 150 feet of net per hour).

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	0.7	2.5	6.2	7.6	30
Johnson R. ↔ Napaskiak	49	0	2.4	3.9	4.5	14.1
Napaskiak ↔ Akiachak	110	0	1.3	2.8	3.3	17.1
Akiachak ↔ Akiak	2	0.9	1.3	1.8	2.2	2.7
Akiak ↔ Bogus Cr.	1	0.1	0.1	0.1	0.1	0.1
All	184	0	1.7	3.5	4.2	30

TABLE A3. Summary of drift net catch per trip of chum salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	0	0	5	6	28
Johnson R. ↔ Napaskiak	49	0	1	3	5	17
Napaskiak ↔ Akiachak	110	0	0	1	1	10
Akiachak ↔ Akiak	2	0	0	0	0	0
Akiak ↔ Bogus Cr.	1	2	2	2	2	2
All	184	0	0	2	2	28

TABLE A4. Summary of drift net catch rate of chum salmon by fishing area (fish per 150 feet of net per hour).

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	0	0	1.2	1.6	6.4
Johnson R. ↔ Napaskiak	49	0	0.1	0.6	0.8	3.5
Napaskiak ↔ Akiachak	110	0	0	0.2	0.3	1.7
Akiachak ↔ Akiak	2	0	0	0	0	0
Akiak ↔ Bogus Cr.	1	0.1	0.1	0.1	0.1	0.1
All	184	0	0	0.4	0.5	6.4

TABLE A5. Summary of drift net catch per trip of sockeye salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	1	3	6	8	22
Johnson R. ↔ Napaskiak	49	0	1	4	5	20
Napaskiak ↔ Akiachak	110	0	0	2	3	16
Akiachak ↔ Akiak	2	0	1	2	3	4
Akiak ↔ Bogus Cr.	1	2	2	2	2	2
All	184	0	0	3	4	22

TABLE A6. Summary of drift net catch rate of sockeye salmon by fishing area (fish per 150 feet of net per hour).

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	0.1	0.5	1.8	2.9	5.6
Johnson R. ↔ Napaskiak	49	0	0.2	0.7	1.1	3.7
Napaskiak ↔ Akiachak	110	0	0	0.9	1	30
Akiachak ↔ Akiak	2	0	0.4	0.9	1.3	1.8
Akiak ↔ Bogus Cr.	1	0.1	0.1	0.1	0.1	0.1
All	184	0	0	0.9	1.2	30

TABLE A7. Summary of drift net percent composition of Chinook salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	24%	58%	67%	82%	95%
Johnson R. ↔ Napaskiak	49	43%	67%	75%	85%	100%
Napaskiak ↔ Akiachak	110	0%	67%	77%	95%	100%
Akiachak ↔ Akiak	2	60%	70%	80%	90%	100%
Akiak ↔ Bogus Cr.	1	20%	20%	20%	20%	20%
All	184	0%	67%	75%	88%	100%

TABLE A8. Summary of drift net trip duration by fishing area.

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	1.5	3.5	5.8	7.8	10.8
Johnson R. ↔ Napaskiak	49	1.8	6	7.6	9	12
Napaskiak ↔ Akiachak	110	1	3.8	6.5	9.5	16.2
Akiachak ↔ Akiak	2	4.9	5.3	5.6	5.9	6.3
Akiak ↔ Bogus Cr.	1	10.5	10.5	10.5	10.5	10.5
All	184	1	4.5	6.7	9.1	16.2

TABLE A9. Summary of drift net active fishing hours by fishing area.

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	1	1.8	4.2	5.9	10.4
Johnson R. ↔ Napaskiak	49	1	4.5	6.4	8.5	10
Napaskiak ↔ Akiachak	110	0.2	2.2	4.3	6	13.2
Akiachak ↔ Akiak	2	2.2	2.6	2.9	3.2	3.5
Akiak ↔ Bogus Cr.	1	10	10	10	10	10
All	184	0.2	2.5	4.9	7	13.2

Appendix B: Non-salmon Harvest Information

- An estimated total of **257 (79 – 617)** nonsalmon were harvested.
 - An estimated total of **68 (40 – 102)** sheefish were harvested.
 - An estimated total of **189 (25 – 536)** all whitefishes were harvested.
- Harvest by set nets accounted for an estimated **0 (0 – 0)** total nonsalmon (**0%** sheefish and **0%** all whitefishes).

TABLE B1. Summaries by river stratum (area) for drift nets. Numbers in parentheses are 95% confidence intervals.

Stratum	Interviews	Effort Est.	Estimated Harvest		
			Sheefish	Whitefish	Total
Tuntutuliak ↔ Johnson R.	22	96	0 (0 – 0)	0 (0 – 0)	0 (0 – 0)
Johnson R. ↔ Napaskiak	49	66	22 (2 – 45)	153 (1 – 486)	175 (12 – 525)
Napaskiak ↔ Akiachak	110	196	36 (16 – 62)	28 (10 – 51)	64 (31 – 104)
Akiachak ↔ Akiak	2	34	6 (3 – 10)	5 (2 – 9)	11 (5 – 17)
Akiak ↔ Bogus Cr.	1	22	4 (2 – 7)	3 (1 – 6)	7 (4 – 12)
Total	184	414	68 (40 – 102)	189 (25 – 536)	257 (79 – 617)

TABLE B2. Summary of drift net catch per trip of sheefish by fishing area.

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	0	0	0	0	0
Johnson R. ↔ Napaskiak	49	0	0	0	0	3
Napaskiak ↔ Akiachak	110	0	0	0	0	6
Akiachak ↔ Akiak	2	0	0	0	0	0
Akiak ↔ Bogus Cr.	1	2	2	2	2	2
All	184	0	0	0	0	6

TABLE B3. Summary of drift net catch per trip of all whitefishes by fishing area.

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ↔ Johnson R.	22	0	0	0	0	0
Johnson R. ↔ Napaskiak	49	0	0	1	0	52
Napaskiak ↔ Akiachak	110	0	0	0	0	6
Akiachak ↔ Akiak	2	0	0	0	0	0
Akiak ↔ Bogus Cr.	1	0	0	0	0	0
All	184	0	0	0	0	52


KUSKOKWIM IN-SEASON HARVEST ESTIMATES – RECENT YEARS COMPARISON – MINIMUM IN-SEASON ESTIMATES

2021 Lower River Harvest Estimates (Tuntutuliak to Akiak) – KRITFC + ONC + USFWS Data							
2021 FISHING DATE	PERIOD	GEAR TYPE	TRIPS	CHINOOK SALMON HARVEST	CHUM SALMON HARVEST	SOCKEYE SALMON HARVEST	TOTAL SALMON HARVEST
6/2/2021	16 h	S	29S	30	0	0	30
6/5/2021	16 h	S	91S	300	10	40	350
6/9/2021	16 h	S	107S	390	0	20	410
6/12/2021	12 h	D/S	381D/23S	3,260	70	350	3,640
6/15/2021	12 h	D/S	467D/31S	8,580	360	1,400	10,340
6/19/2021	12 h	D/S	511D/31S	6,190	990	2,400	9,580
6/28/2021	12 h	D/S	220D/8S	3,010	970	6,960	10,940
7/2/2021	9 h	D/S	211D/4S	1,330	1,150	8,990	11,460
7/9/2021	12 h	D/S	-	-	-	-	-
7/10/2021	24 h	S	-	-	-	-	-
7/11/2021	24 h (c.)	S	-	-	-	-	-
7/16/2021	12 h	D/S	189D/4S	250	660	3,400	4,320
7/17/2021	24 h	S	-	-	-	-	-
7/18/2021	24 h (c.)	S	-	-	-	-	-
2021 CUMULATIVES				23,340	4,210	23,560	51,110

2022 Lower River Harvest Estimates (Tuntutuliak to Akiak) – KRITFC + ONC + USFWS Data							
2022 FISHING DATE	PERIOD	GEAR TYPE	TRIPS	CHINOOK SALMON HARVEST	CHUM SALMON HARVEST	SOCKEYE SALMON HARVEST	TOTAL SALMON HARVEST
6/1/2022	16 h	S	30S	30	0	0	30
6/4/2022	16 h	S	75S	80	0	0	80
6/8/2022	16 h	S	78S	120	0	20	140
6/12/2022	12 h	D/S	457D/22S	4,700	60	360	5,120
6/16/2022	12 h	D/S	473D/32S	7,680	160	1,920	9,770
6/22/2022	12 h	D/S	572D/17S	14,000	950	13,720	28,670
6/29/2022	36 h	S	74S	580	270	2,620	3,470
6/30/2022	36 h (c.)	S	72S	970	180	1,270	2,420
7/3/2022	36 h	S	69S	660	300	1,160	2,120
7/4/2022	36 h (c.)	S	-	-	-	-	-
7/9/2022	12 h	D/S	147D	480	1,730	3,730	5,940
7/10/2022	16 h	S	-	-	-	-	-
7/16/2022	16 h	S	-	-	-	-	-
2022 CUMULATIVES				29,300	3,650	24,800	57,750

2023 Lower River Harvest Estimates (Tuntutuliak to Tuluksak) – KRITFC + ONC + USFWS Data								
2023 FISHING DATE	PERIOD	GEAR TYPE	TRIPS	CHINOOK SALMON HARVEST	CHUM SALMON HARVEST	SOCKEYE SALMON HARVEST	COHO SALMON HARVEST	TOTAL SALMON HARVEST
6/3/2023	16 h	S	60S	376	4	0	0	381
6/6/2023	16 h	S	82S	220	1	0	0	221
6/9/2023	16 h	S	129S	1,064	15	122	0	1,201
6/12/2023	12 h	D/S	202D/31S	1,003	107	414	0	1,524
6/17/2023	12 h	D/S	484D/36S	10,437	2,957	6,160	0	19,554
6/23/2023	12 h	D/S	449D/33S	6,949	4,647	9,541	38?	21,175


KUSKOKWIM IN-SEASON HARVEST ESTIMATES – RECENT YEARS COMPARISON – MINIMUM IN-SEASON ESTIMATES

6/30/2023	24 h	S	101S	593	1,298	6,454	0	8,345
7/1/2023	24h (c.)	S	-	-	-	-	-	-
7/4/2023	48h	S	39S	117	280	1,232	0	1,629
7/5/2023	48h (c.)	S	-	-	-	-	-	-
7/6/2023	48h (c.)	S	-	-	-	-	-	-
7/7/2023	24h	S	-	-	-	-	-	-
7/8/2023	24h (c.)	S	-	-	-	-	-	-
7/11/2023	6h	D/S	120D/16S	260	1,914	4,475	0	6,649
7/17/2023	12h	S	14S	17	108	180	0	305
7/19/2023	12h	S	17S	13	159	136	0	308
7/21/2023	12h	S	-	-	-	-	-	-
7/24/2023	6h	S	7S	13	65	56	30	164
7/26/2023	6h	S	-	-	-	-	-	-
8/3/2023	12h	D/S	129D/6S	35	521	188	4,027	4,771
8/9/2023	12h	D/S	41D/1S	0	27	36	1,225	1,288
8/12/23	12h	D/S	62D/9S	0	75	37	2,161	2,273
2023 CUMULATIVES				21,119	12,178	29,031	7,481	69,809

2024 Lower River Harvest Estimates (Tuntutuliak to Tuluksak) – KRITFC + ONC + USFWS Data

2024 FISHING DATE	PERIOD	GEAR TYPE	TRIPS	CHINOOK SALMON HARVEST	CHUM SALMON HARVEST	SOCKEYE SALMON HARVEST	COHO SALMON HARVEST	TOTAL SALMON HARVEST
6/3/2024	16 h	S	78S	50	4	0	0	54
6/6/2024	16 h	S	156S	422	8	22	0	452
6/10/2024	16 h	S	214S	622	85	51	0	758
6/12/2024	12 h	D/S	461D/24S	3,351	618	189	0	4,158
6/16/2024	12 h	D/S	505D/85S	6,561	923	1,454	0	8,938
6/22/2024	12 h	D/S	475D/39S	8,709	7,657	7,953	0	24,319
7/1/2024	24 h	S	148S	921	1,700	2,078	0	4,699
7/2/2024	24 h (c.)	S	-	-	-	-	-	-
7/6/2024	48 h	S	S	542	683	920	0	2,145
7/7/2024	48 h (c.)	S	46S	264	542	1,081	0	1,887
7/8/2024	48 h (c.)	S	-	-	-	-	-	-
7/12/2024	24 h	D/S	-	-	-	-	-	-
7/13/2024	24 h (c.)	D/S	68S	-	-	-	-	-
7/16/2024	24 h	S	18S	46	129	228	39	442
7/17/2024	24 h (c.)	S	-	-	-	-	-	-
7/19/2024	24 h	D/S	-	-	-	-	-	-
7/20/2024	24 h (c.)	D/S	8D/7S	12	190	127	13	342
7/23/2024	210 h	D/S	-	-	-	-	-	-
7/24/2024	210 h (c.)	D/S	-	-	-	-	-	-
7/25/2024	210 h (c.)	D/S	-	-	-	-	-	-
7/26/2024	210 h (c.)	D/S	-	-	-	-	-	-
7/27/2024	210 h (c.)	D/S	-	-	-	-	-	-
7/28/2024	210 h (c.)	D/S	-	-	-	-	-	-
7/29/2024	210 h (c.)	D/S	-	-	-	-	-	-
7/30/2024	210 h (c.)	D/S	-	-	-	-	-	-
7/31/2024	210 h (c.)	D/S	-	-	-	-	-	-
8/5/2024	12 h	D/S	48D/11S	1	87	115	1,291	1,494
8/10/2024	12 h	D/S	51D/64S	4	31	172	1,472	1,679
8/15/2024	36 h	D/S	-	-	-	-	-	-
8/16/2024	36 h (c.)	D/S	-	-	-	-	-	-
2024 CUMULATIVES				21,505	12,657	14,390	2,815	51,367



KUSKOKWIM IN-SEASON HARVEST ESTIMATES – RECENT YEARS COMPARISON – MINIMUM IN-SEASON ESTIMATES

2025 Lower River Harvest Estimates (Tuntutuliak to Tuluksak) – KRITFC + ONC + USFWS Data								
2025 FISHING DATE	PERIOD	GEAR TYPE	TRIPS	CHINOOK SALMON HARVEST	CHUM SALMON HARVEST	SOCKEYE SALMON HARVEST	COHO SALMON HARVEST	TOTAL SALMON HARVEST
6/3/2025	16 h	S	104S	599	57	51	0	708
6/6/2025	16 h	S	240S	1,337	186	251	0	1,774
6/9/2025	16 h	S	233S	2,252	179	259	0	2,690
6/12/25	12 h	D/S	414D/81S	8,956	1,220	2,423	0	12,599
2025 CUMULATIVES (up to 6/13/25)				13,144	1,642	2,984	0	17,771

Note: The (c.) seen behind some hours is for (continued), in cases where openers are extended between 2 calendar days.

Kuskokwim River Salmon Assessment Update

6/16/2025



The data summaries presented in this document are provided by ADF&G. **All data and analyses contained are preliminary and are subject to change, so please make interpretations carefully.**

If you have any questions about the content, please contact Sean Larson (ADF&G; sean.larson@alaska.gov). Original development of code used to create this document is credited to Benjamin Staton.

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Abbreviations

- ATF: Aniak Test Fishery
- CPUE: Catch-per-unit-effort
- EOS: End-of-Season
- ADF&G: Alaska Department of Fish and Game
- KRITFC: Kuskokwim River Inter-tribal Fisheries Commission
- OTNC: Orutsaramiut Traditional Native Council
- USFWS: United States Fish and Wildlife Service
- YDNWR: Yukon Delta National Wildlife Refuge

To view escapement information, please visit the **ADF&G Kuskokwim River Fish Counts** page

- <http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareakuskokwim.salmon#fishcounts>

For the most up-to-date information regarding fishing opportunities please visit

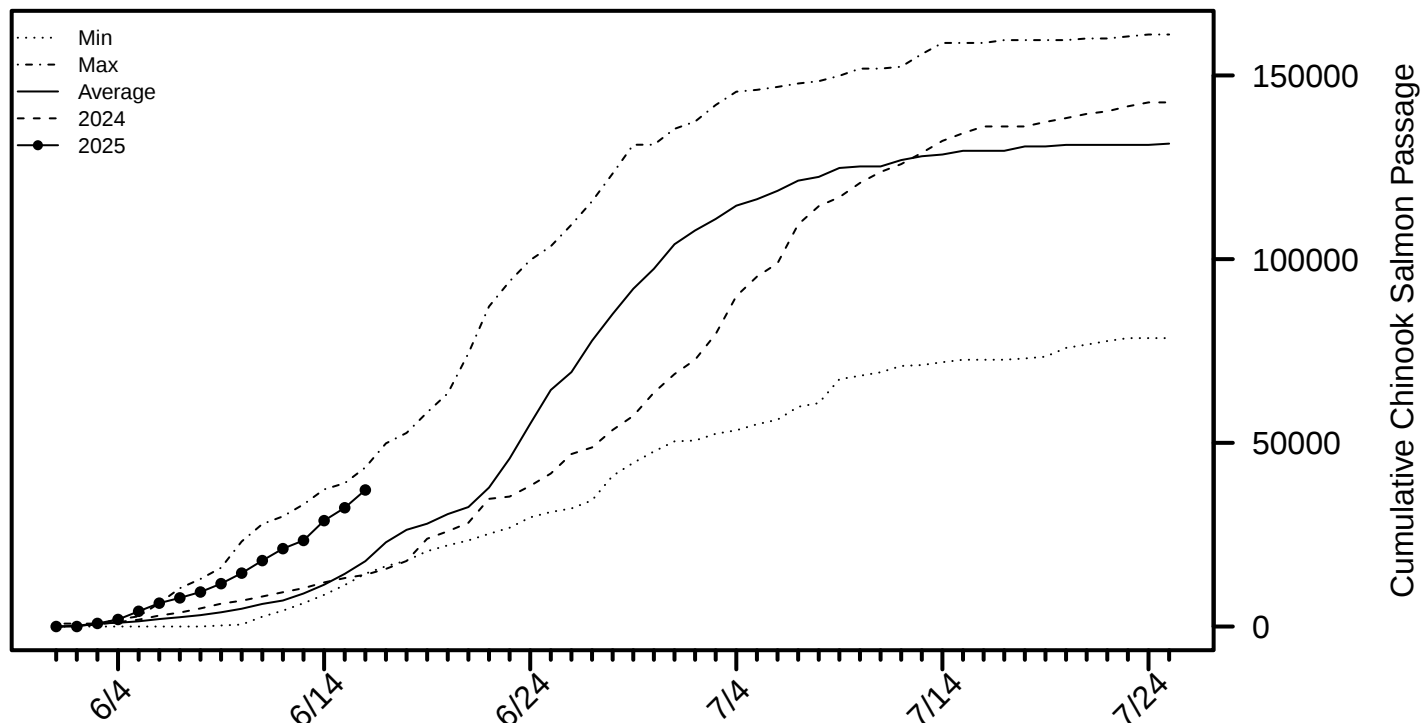
- **USFWS:** https://www.fws.gov/refuge/yukon_delta/wildlife_and_habitat/dailyupdate.html
- **ADF&G:** <http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>

Chinook Salmon Summary (6/16)

Based on Kuskokwim River Sonar and Aniak Test Fishery

- The sonar daily passage was **4,839**.
- The sonar cumulative passage is now **37,161**.
- The average sonar cumulative passage is **20,563** for this date.
- **83%** of years since 2018 fell below the cumulative passage for this date.
- **12% - 20%** of the run is likely complete based historical run timing.

Chinook Salmon Figure 1: The cumulative sonar passage from 2025 plotted along with the prior year, a year with near average (2018-2024) cumulative passage (2018), and years with the minimum (2023) and maximum (2019) cumulative passage.



Chinook Salmon Table 1. Cumulative passage at the Kuskokwim River sonar. Average includes years 2018-2024. *Note: Estimates are subject to change.*

Date	2025	2024	2023	2022	2021	2020	2019	2018	Average
6/13	23,427	10,440	6,345	15,224	12,522	8,953	33,234	8,985	13,672
6/14	28,817	12,009	8,624	16,884	15,189	9,295	37,316	11,383	15,814
6/15	32,322	13,187	11,290	20,334	17,920	11,932	39,021	14,337	18,289
6/16	37,161	14,084	14,383	22,624	18,939	12,826	43,298	17,789	20,563
EOS		142,662	79,166	145,896	102,549	106,764	161,888	132,971	124,557

Chinook Salmon Table 2. Cumulative CPUE from the ATF. Average includes years 2015-2024.

Date	2025	2024	2023	2022	2021	2020	2019	2018	Average
6/13	147	6	7	0	16	0	328	80	170
6/14	176	13	7	0	42	7	403	104	213
6/15	218	13	7	8	79	41	569	104	269
6/16	257	13	7	8	99	68	595	119	306
EOS		2,673	748	1,277	1,891	1,874	1,691	820	2,313

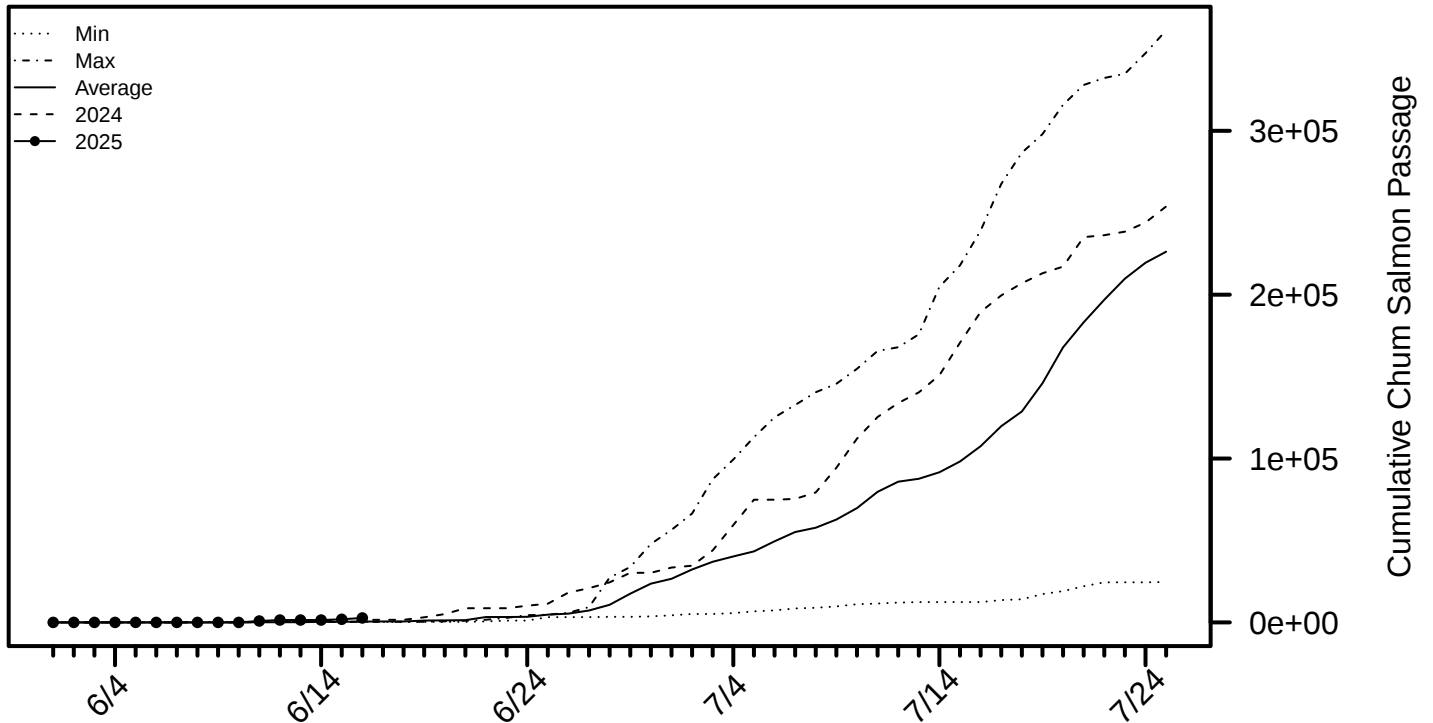
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Chum Salmon Summary (6/16)

Based on Kuskokwim River Sonar and Aniak Test Fishery

- The sonar daily passage was **815**.
- The sonar cumulative passage is now **2,712**.
- The average sonar cumulative passage is **523** for this date.
- **100%** of years since 2018 fell below the cumulative passage for this date
- **<1%** - **1%** of the run is likely complete based historical run timing.

Chum Salmon Figure 1: The cumulative sonar passage from 2025 plotted along with the prior year, a year with near average (2018-2024) cumulative passage (2023), and years with the minimum (2021) and maximum (2019) cumulative passage. *Note: Chum salmon passage is considered a minimum and should be viewed as an index for inseason management purposes.*



Chum Salmon Table 1. Cumulative passage at the Kuskokwim River sonar. Average includes years 2018-2024. *Note: Estimates are subject to change.*

Date	2025	2024	2023	2022	2021	2020	2019	2018	Average
6/13	1,453	690	116	0	320	0	379	446	279
6/14	1,453	889	364	0	320	0	379	446	343
6/15	1,897	1,157	364	0	320	0	379	446	381
6/16	2,712	1,583	498	0	320	432	379	446	523
EOS		253,825	251,542	103,864	26,973	76,432	385,409	552,011	235,722

Chum Salmon Table 2. Cumulative CPUE from the ATF. Average includes years 2015-2024.

Date	2025	2024	2023	2022	2021	2020	2019	2018	Average
6/13	0	0	0	0	0	0	5	8	19
6/14	5	0	0	0	0	13	5	8	25
6/15	5	0	0	0	0	13	5	8	31
6/16	5	0	0	0	0	13	5	8	36
EOS		5,906	996	952	267	2,611	1,051	10,277	4,462

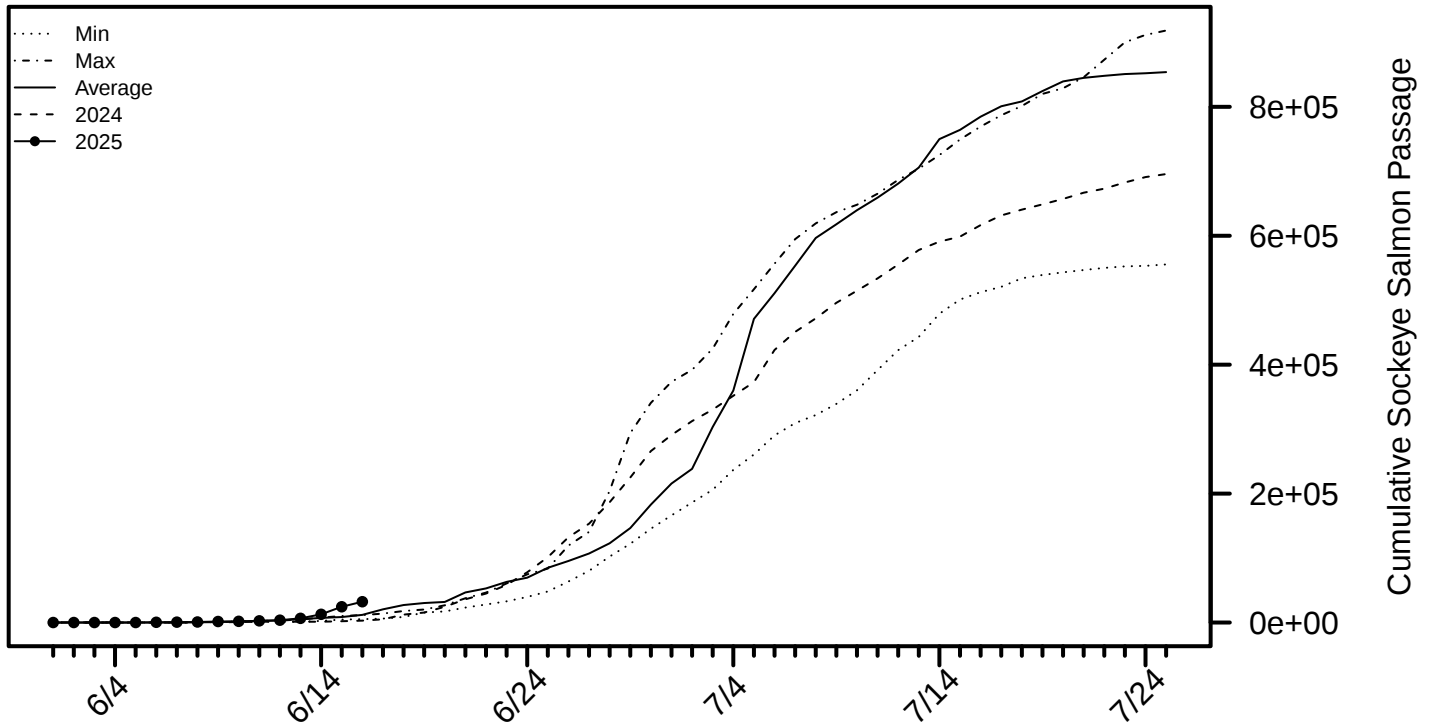
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Sockeye Salmon Summary (6/16)

Based on Kuskokwim River Sonar and Aniak Test Fishery

- The sonar daily passage was **7,817**.
- The sonar cumulative passage is now **32,256**.
- The average sonar cumulative passage is **6,352** for this date.
- **100%** of years since 2018 fell below the cumulative passage for this date
- **1%** - **1%** of the run is likely complete based historical run timing.

Sockeye Salmon Figure 1: The cumulative sonar passage from 2025 plotted along with the prior year, a year with near average (2018-2024) cumulative passage (2021), and years with the minimum (2020) and maximum (2019) cumulative passage.



Sockeye Salmon Table 1. Cumulative passage at the Kuskokwim River sonar. Average includes years 2018-2024. *Note: Estimates are subject to change.*

Date	2025	2024	2023	2022	2021	2020	2019	2018	Average
6/13	6,488	1,230	2,088	2,554	5,134	1,236	4,806	2,200	2,750
6/14	12,744	1,230	2,289	3,498	7,171	2,504	7,563	2,469	3,818
6/15	24,439	2,019	3,676	4,704	8,526	4,584	10,148	2,787	5,206
6/16	32,256	2,937	4,544	5,556	11,859	5,229	11,555	2,787	6,352
EOS		695,724	899,180	613,874	869,268	574,928	924,354	635,493	744,689

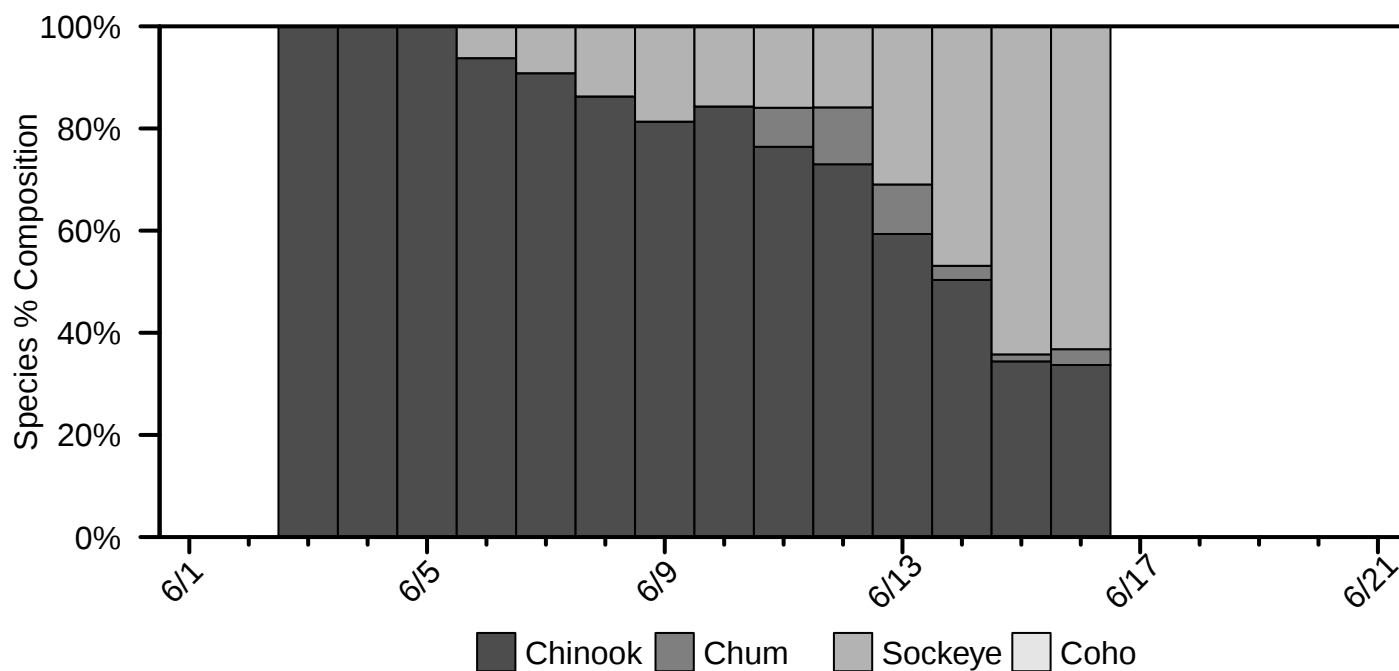
Sockeye Salmon Table 2. Cumulative CPUE from the ATF. Average includes years 2015-2024.

Date	2025	2024	2023	2022	2021	2020	2019	2018	Average
6/13	7	0	0	0	0	0	0	0	0
6/14	7	0	0	0	0	0	0	0	1
6/15	7	0	0	0	0	0	0	0	1
6/16	7	0	0	0	0	0	0	0	1
EOS		651	369	129	241	209	33	75	375

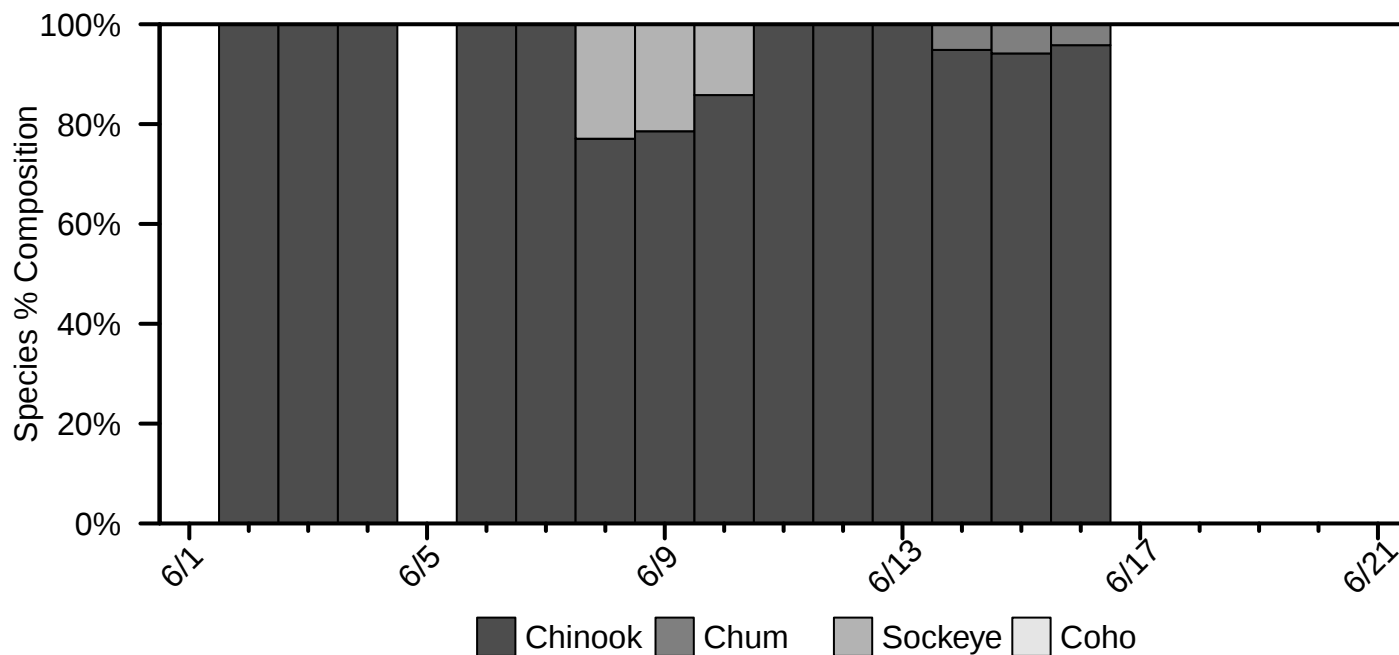
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Percent Composition by Salmon Species

Species Composition Figure 1. Species percent composition from the sonar estimates from 2025 (salmon species only, excluding pink salmon). The composition presented on each day represents the average composition over the past 3 days.



Species Composition Figure 2. Species percent composition from the ATF estimates from 2025. The composition presented on each day represents the average composition over the past 3 days.



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