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: July 9th, 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:

H. Co-chairs update
I. Presentation schedule: Terese, Tim, Lisa, Matt

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=commercialbyareakuskokwim.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 Fisheries 543-2608

Orutsararmiut Native Council (ONC) Inseason Harvest Monitoring Weekly Report

July 9, 2025

Summary of Interview Activities:

ONC is continuing to go out to fish camps to survey along with surveying at the Bethel Boat harbor. Overall effort appears to be down as the number of people fishing has decreased substantially. Most of the people out at fish camps are just working on their fish.

Comments from interviewees at the boat harbor and fish camp from the June 27/28th set net opportunity include the following: Keep open, more drift openers, open for drift instead set,

Table 1. Average number of salmon harvested by surveyed Bethel area fish camps and Bethel boat harbor from the June 27/28th 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	5	6.0	9.8	23.6	1.1	50-175	5.5-6
Bethel Boat Harbor	19	3.1	2.5	10.9	0.2	30-75	4-6

Table 2. Average number of salmon harvested by surveyed Bethel area fish camps and Bethel boat harbor from the July 2nd/3rd 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	4	0.25	3.75	32	0	60-70	5 ¾-6
Bethel Boat Harbor	23	0.6	1.9	19.9	0.1	40-75	5 ½-6

Subsistence Report

Over 75% of fishermen surveyed reported that they had either met their goals or were very close. The people that have not met their goals or aren't close to meeting them are people targeting chums or haven't been able to go fishing during the earlier openers.

Fish Distribution

ONC has been conducting daily fish distribution to elders within the community of Bethel. The amounts delivered have increased over the last two weeks with the sockeye numbers so high.

Kuskokwim River In-season Harvest and Effort Estimates

7/2/2025 Subsistence Harvest Opportunity (Set Nets Only)

Opportunity Time Period: 7:00 AM – 11:59 PM (17 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
Other Villages (KRITFC)	13	57%
Bethel Boat Harbor (ONC)	9	39%
Bethel Area Fish Camps (ONC)	1	4%
Total	**23**	**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**
2:36 PM	4:15 PM	1.65	0	23

Effort Estimates

- An estimated **23** set net trips occurred.

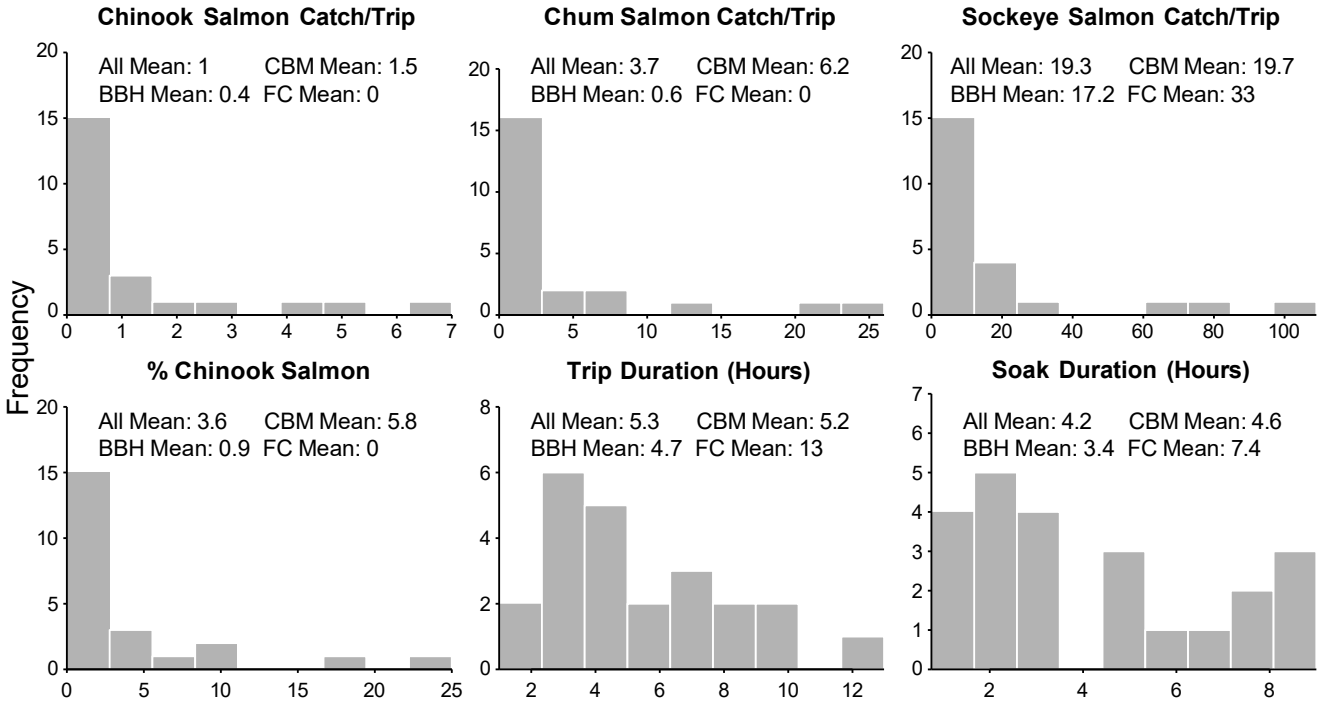
Harvest Estimates

- An estimated total of **729 (401 – 1,125)** salmon were harvested.
  - An estimated total of **28 (9 – 51)** Chinook salmon were harvested.
  - An estimated total of **81 (20 – 162)** chum salmon were harvested.
  - An estimated total of **619 (336 – 953)** 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.	2	1	1 (0 – 2)	4 (1 – 7)	27 (15 – 41)	**32 (17 – 49)**
Johnson R. ←→ Napaskiak	6	3	4 (1 – 7)	11 (3 – 21)	81 (44 – 124)	**95 (52 – 147)**
Napaskiak ←→ Akiachak	13	13	16 (5 – 29)	46 (11 – 92)	350 (190 – 539)	**412 (227 – 636)**
Akiachak ←→ Akiak	2	4	5 (2 – 9)	14 (3 – 28)	108 (58 – 166)	**127 (70 – 195)**
Akiak ←→ Bogus Cr.	0	2	2 (1 – 4)	7 (2 – 14)	54 (29 – 83)	**63 (35 – 98)**
Total	**23**	**23**	**28 (9 – 51)**	**81 (20 – 162)**	**619 (336 – 953)**	**729 (401 – 1,125)**

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
Tuntutuliak ⟷ Johnson R.	2	4	5	6	6	7
Johnson R. ⟷ Napaskiak	6	0	0	0	0	1
Napaskiak ⟷ Akiachak	13	0	0	1	1	5
Akiachak ⟷ Akiak	2	0	0	0	1	1
All	**23**	**0**	**0**	**1**	**1**	**7**

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
Tuntutuliak ⟷ Johnson R.	2	2.3	3.1	3.9	4.8	5.6
Johnson R. ⟷ Napaskiak	6	0	0	0.3	0	2
Napaskiak ⟷ Akiachak	13	0	0	0.5	0.7	2.1
Akiachak ⟷ Akiak	2	0	0.1	0.2	0.4	0.5
All	**23**	**0**	**0**	**0.7**	**1.3**	**5.6**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ⟷ Johnson R.	2	21	22	24	25	26
Johnson R. ⟷ Napaskiak	6	0	0	1	1	4
Napaskiak ⟷ Akiachak	13	0	0	2	3	12
Akiachak ⟷ Akiak	2	0	0	0	0	0
All	**23**	**0**	**0**	**4**	**4**	**26**

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
Tuntutuliak ⟷ Johnson R.	2	14.9	15.3	15.8	16.3	16.8
Johnson R. ⟷ Napaskiak	6	0	0	0.5	0.3	2.2
Napaskiak ⟷ Akiachak	13	0	0	1	1.7	4
Akiachak ⟷ Akiak	2	0	0	0	0	0
All	**23**	**0**	**0**	**2.1**	**1.9**	**16.8**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	2	64	75	86	98	109
Johnson R. ←→ Napaskiak	6	3	4	8	11	16
Napaskiak ←→ Akiachak	13	0	4	15	19	78
Akiachak ←→ Akiak	2	7	10	14	17	20
All	**23**	**0**	**4**	**19**	**20**	**109**

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
Tuntutuliak ←→ Johnson R.	2	51.2	54	56.7	59.5	62.3
Johnson R. ←→ Napaskiak	6	1	3.2	7.8	12.6	18
Napaskiak ←→ Akiachak	13	0	2.7	15	16	76.7
Akiachak ←→ Akiak	2	6.7	7.4	8.1	8.8	9.5
All	**23**	**0**	**3**	**16.2**	**16.3**	**76.7**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	2	3%	4%	5%	6%	8%
Johnson R. ←→ Napaskiak	6	0%	0%	2%	0%	10%
Napaskiak ←→ Akiachak	13	0%	0%	4%	4%	25%
Akiachak ←→ Akiak	2	0%	1%	2%	4%	5%
All	**23**	**0%**	**0%**	**4%**	**4%**	**25%**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	2	4	4.1	4.2	4.4	4.5
Johnson R. ←→ Napaskiak	6	1.2	3	4.6	7.1	9
Napaskiak ←→ Akiachak	13	1	3.5	5.8	6.8	13
Akiachak ←→ Akiak	2	4	4.7	5.5	6.2	7
All	**23**	**1**	**3**	**5.3**	**6.9**	**13**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	2	2.5	2.8	3	3.2	3.5
Johnson R. ←→ Napaskiak	6	1	2.1	4.1	6.3	8.8
Napaskiak ←→ Akiachak	13	0.8	2	4.3	6	9
Akiachak ←→ Akiak	2	3.5	4.4	5.2	6.1	7
All	**23**	**0.8**	**2**	**4.2**	**6.5**	**9**

Appendix B: Non-salmon Harvest Information

- An estimated total of **7 (1 – 14)** nonsalmon were harvested.
  - An estimated total of **2 (0 – 7)** sheefish were harvested.
  - An estimated total of **4 (0 – 10)** all whitefishes were harvested.

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

			Estimated Harvest		
Stratum	**Interviews**	**Effort Est.**	**Sheefish**	**Whitefish**	**Total**
Tuntutuliak ←→ Johnson R.	2	1	0 (0 – 0)	0 (0 – 0)	**0 (0 – 0)**
Johnson R. ←→ Napaskiak	6	3	0 (0 – 1)	1 (0 – 1)	**1 (0 – 2)**
Napaskiak ←→ Akiachak	13	13	1 (0 – 4)	3 (0 – 6)	**4 (1 – 8)**
Akiachak ←→ Akiak	2	4	0 (0 – 1)	1 (0 – 2)	**1 (0 – 3)**
Akiak ←→ Bogus Cr.	0	2	0 (0 – 1)	0 (0 – 1)	**0 (0 – 2)**
Total	**23**	**23**	**2 (0 – 7)**	**4 (0 – 10)**	**7 (1 – 14)**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	2	0	0	0	0	0
Johnson R. ←→ Napaskiak	6	0	0	0	0	1
Napaskiak ←→ Akiachak	13	0	0	0	0	1
Akiachak ←→ Akiak	2	0	0	0	0	0
All	**23**	**0**	**0**	**0**	**0**	**1**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	2	0	0	0	0	0
Johnson R. ←→ Napaskiak	6	0	0	0	0	0
Napaskiak ←→ Akiachak	13	0	0	0	0	2
Akiachak ←→ Akiak	2	1	1	2	2	2
All	**23**	**0**	**0**	**0**	**0**	**2**

Kuskokwim River In-season Harvest and Effort Estimates

7/3/2025 Subsistence Harvest Opportunity (Set Nets Only)

Opportunity Time Period: 12:00 AM – 7:00 PM (19 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)	11	50%
Other Villages (KRITFC)	7	32%
Bethel Area Fish Camps (ONC)	4	18%
Total	**22**	**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**
2:10 PM	4:07 PM	1.95	0	44

Effort Estimates

- An estimated **44** set net trips occurred.

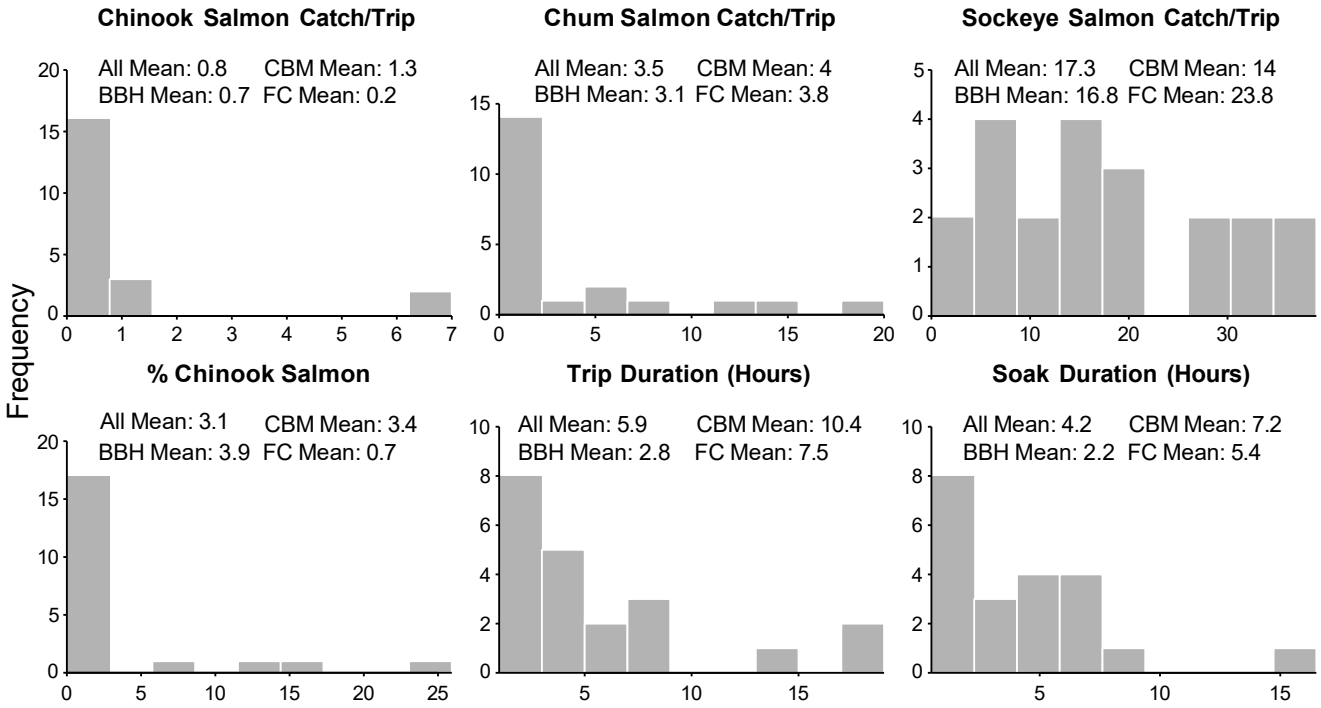
Harvest Estimates

- An estimated total of **2,249 (1,148 – 3,476)** salmon were harvested.
  - An estimated total of **70 (3 – 172)** Chinook salmon were harvested.
  - An estimated total of **473 (73 – 1,140)** chum salmon were harvested.
  - An estimated total of **1,706 (910 – 2,540)** 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.	1	9	14 (1 – 35)	97 (15 – 233)	349 (186 – 520)	**460 (235 – 711)**
Johnson R. ←→ Napaskiak	4	11	17 (1 – 43)	118 (18 – 285)	427 (228 – 635)	**562 (287 – 869)**
Napaskiak ←→ Akiachak	15	18	28 (1 – 70)	194 (30 – 466)	698 (372 – 1,039)	**920 (468 – 1,421)**
Akiachak ←→ Akiak	1	3	5 (0 – 12)	32 (5 – 78)	116 (62 – 173)	**153 (79 – 237)**
Akiak ←→ Bogus Cr.	0	3	5 (0 – 12)	32 (5 – 78)	116 (62 – 173)	**153 (79 – 237)**
Total	**21**	**44**	**70 (3 – 172)**	**473 (73 – 1,140)**	**1,706 (910 – 2,540)**	**2,249 (1,148 – 3,476)**

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
Tuntutuliak ⟷ Johnson R.	1	7	7	7	7	7
Johnson R. ⟷ Napaskiak	4	0	0	0	0	1
Napaskiak ⟷ Akiachak	15	0	0	1	0	7
Akiachak ⟷ Akiak	1	0	0	0	0	0
All	**21**	**0**	**0**	**1**	**0**	**7**

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
Tuntutuliak ⟷ Johnson R.	1	5.6	5.6	5.6	5.6	5.6
Johnson R. ⟷ Napaskiak	4	0	0	0.1	0.1	0.4
Napaskiak ⟷ Akiachak	15	0	0	1	0	14.3
All	**20**	**0**	**0**	**1.1**	**0.1**	**14.3**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ⟷ Johnson R.	1	12	12	12	12	12
Johnson R. ⟷ Napaskiak	4	0	2	3	4	6
Napaskiak ⟷ Akiachak	15	0	0	3	4	20
Akiachak ⟷ Akiak	1	0	0	0	0	0
All	**21**	**0**	**0**	**3**	**5**	**20**

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
Tuntutuliak ⟷ Johnson R.	1	9.6	9.6	9.6	9.6	9.6
Johnson R. ⟷ Napaskiak	4	0	1.1	2.1	2.5	5.5
Napaskiak ⟷ Akiachak	15	0	0	8	2	100
All	**20**	**0**	**0**	**6.9**	**3.6**	**100**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	1	35	35	35	35	35
Johnson R. ←→ Napaskiak	4	2	6	10	15	18
Napaskiak ←→ Akiachak	15	0	11	19	29	39
Akiachak ←→ Akiak	1	7	7	7	7	7
All	**21**	**0**	**8**	**17**	**28**	**39**

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
Tuntutuliak ←→ Johnson R.	1	28	28	28	28	28
Johnson R. ←→ Napaskiak	4	1.8	2.6	5.6	8	10.4
Napaskiak ←→ Akiachak	15	0	9.2	30.4	27.3	124
All	**20**	**0**	**8**	**25.3**	**25**	**124**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	1	13%	13%	13%	13%	13%
Johnson R. ←→ Napaskiak	4	0%	0%	2%	2%	8%
Napaskiak ←→ Akiachak	15	0%	0%	3%	0%	26%
Akiachak ←→ Akiak	1	0%	0%	0%	0%	0%
All	**21**	**0%**	**0%**	**3%**	**0%**	**26%**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	1	4	4	4	4	4
Johnson R. ←→ Napaskiak	4	5	6.9	9.9	11	18.5
Napaskiak ←→ Akiachak	15	1	1.7	4.1	5.4	15
All	**20**	**1**	**1.9**	**5.2**	**7**	**18.5**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	1	2.5	2.5	2.5	2.5	2.5
Johnson R. ←→ Napaskiak	4	4.5	5.2	6.1	7.1	7.5
Napaskiak ←→ Akiachak	15	0.5	1.1	3	5.2	8.6
All	**20**	**0.5**	**1.2**	**3.6**	**5.8**	**8.6**

Appendix B: Non-salmon Harvest Information

- An estimated total of **30 (0 – 85)** nonsalmon were harvested.
  - An estimated total of **0 (0 – 0)** sheefish were harvested.
  - An estimated total of **30 (0 – 85)** all whitefishes were harvested.

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

			Estimated Harvest		
Stratum	**Interviews**	**Effort Est.**	**Sheefish**	**Whitefish**	**Total**
Tuntutuliak ←→ Johnson R.	1	9	0 (0 – 0)	6 (0 – 17)	**6 (0 – 17)**
Johnson R. ←→ Napaskiak	4	11	0 (0 – 0)	8 (0 – 21)	**8 (0 – 21)**
Napaskiak ←→ Akiachak	15	18	0 (0 – 0)	12 (0 – 35)	**12 (0 – 35)**
Akiachak ←→ Akiak	1	3	0 (0 – 0)	2 (0 – 6)	**2 (0 – 6)**
Akiak ←→ Bogus Cr.	0	3	0 (0 – 0)	2 (0 – 6)	**2 (0 – 6)**
Total	**21**	**44**	**0 (0 – 0)**	**30 (0 – 85)**	**30 (0 – 85)**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	1	0	0	0	0	0
Johnson R. ←→ Napaskiak	4	0	0	0	0	0
Napaskiak ←→ Akiachak	15	0	0	0	0	0
Akiachak ←→ Akiak	1	0	0	0	0	0
All	**21**	**0**	**0**	**0**	**0**	**0**

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

Area	N	Min	25%	Mean	75%	Max
Tuntutuliak ←→ Johnson R.	1	0	0	0	0	0
Johnson R. ←→ Napaskiak	4	0	0	0	0	0
Napaskiak ←→ Akiachak	15	0	0	0	0	2
Akiachak ←→ Akiak	1	1	1	1	1	1
All	**21**	**0**	**0**	**0**	**0**	**2**

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
6/12/2025	12 h	D/S	414D/81S	8,956	1,220	2,423	0	12,599
6/16/2025	12 h	D/S	497D/11S	11,342	4,795	6,907	0	23,043
6/21/2025	12 h	D/S	315D/29S	3,821	2,663	3,804	0	10,288
6/24/2025	12 h	D/S	306D/28S	5,258	9,566	10,874	0	25,698
6/27/2025	36 h	S	60S	323	651	2,127	0	3,101
6/28/2025	36 h (c.)	S	52S	207	624	1,336	0	2,167
7/2/2025	36 h	S	23S	28	81	619	0	729
7/3/2025	36 h (c.)	S	44S	70	473	1,706	0	2,249
2025 CUMULATIVES (up to 7/6/25)				**34,193**	**20,495**	**30,357**	**0**	**85,046**

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
7/7/2025

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

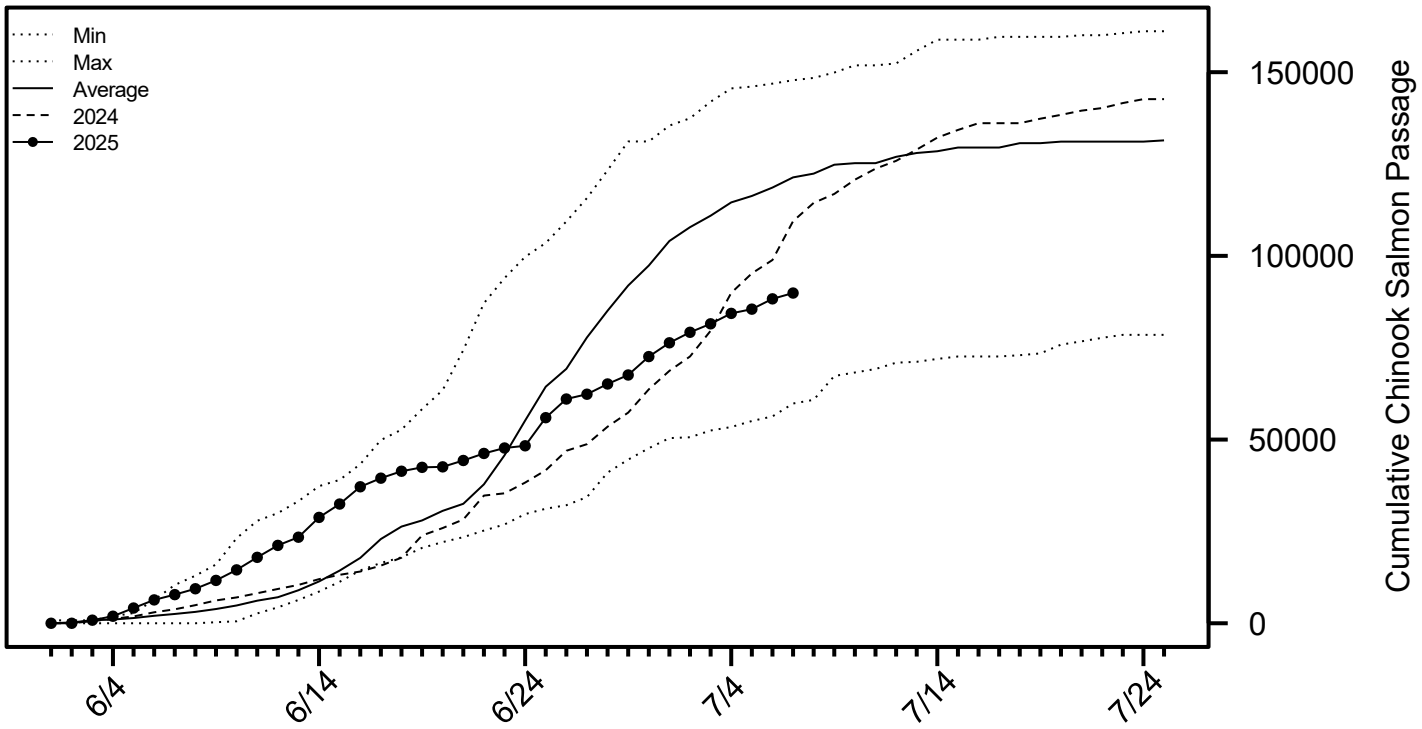
- **USFWS:** https://www.fws.gov/refuge/yukon_delta/wildlife_and_habitat/dailyupdate.html
- **ADF&G:** http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main

Chinook Salmon Summary (7/7)

Based on Kuskokwim River Sonar and Aniak Test Fishery

- The sonar daily passage was **1,577**.
- The sonar cumulative passage is now **89,881**.
- The average sonar cumulative passage is **102,890** for this date.
- **50%** of years since 2018 fell below the cumulative passage for this date.
- **77% - 87%** of the run is likely complete based on historical run timing at the sonar.

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
7/4	84,349	89,927	53,415	115,169	69,965	71,162	145,581	114,555	94,253
7/5	85,500	95,232	55,047	116,845	71,465	73,374	146,083	116,303	96,336
7/6	88,304	98,875	56,304	118,985	73,796	77,928	146,879	118,590	98,765
7/7	**89,881**	**109,449**	**59,812**	**120,767**	**77,421**	**83,609**	**147,811**	**121,362**	**102,890**
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
7/4	1,331	1,596	497	1,027	1,256	1,223	1,628	530	1,754
7/5	1,367	1,769	529	1,089	1,396	1,299	1,691	570	1,858
7/6	NA	1,857	604	1,115	1,551	1,353	1,691	629	1,947
7/7	**NA**	**2,056**	**630**	**1,157**	**1,630**	**1,463**	**1,691**	**661**	**2,026**
EOS		2,673	748	1,277	1,891	1,874	1,691	820	2,313

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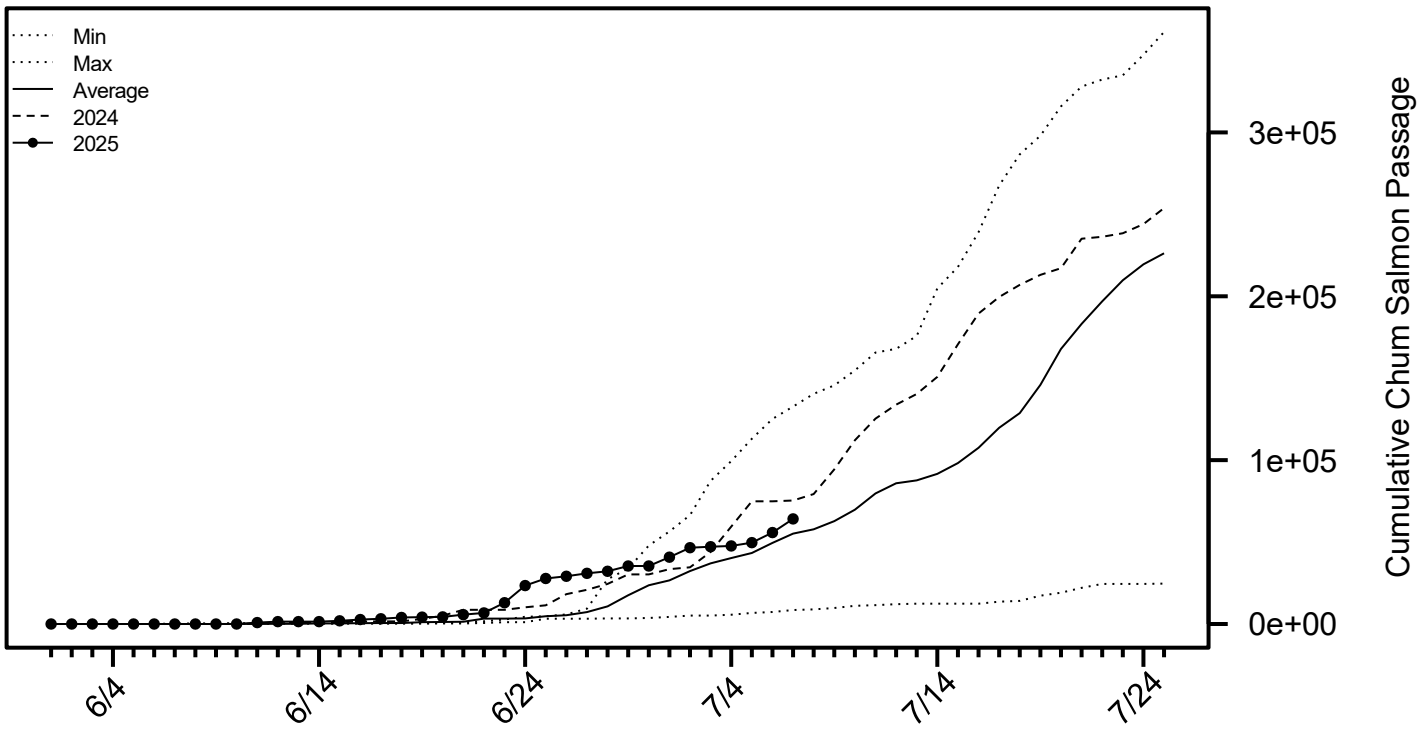
Chum Salmon Summary (7/7)

Based on Kuskokwim River Sonar and Aniak Test Fishery

- The sonar daily passage was **8,335**.
- The sonar cumulative passage is now **64,133**.
- The average sonar cumulative passage is **72,238** for this date.
- **67%** of years since 2018 fell below the cumulative passage for this date
- **28% - 33%** of the run is likely complete based on historical run timing at the sonar.

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
7/4	47,629	59,436	40,251	17,121	5,660	16,784	99,407	110,428	49,870
7/5	49,649	74,877	43,340	26,654	6,751	19,703	113,043	132,004	59,482
7/6	55,798	74,877	49,482	28,897	7,330	23,813	125,151	157,823	66,768
7/7	**64,133**	**75,369**	**55,154**	**32,397**	**8,532**	**25,377**	**132,688**	**176,150**	**72,238**
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
7/4	838	2,434	265	304	52	808	778	3,445	1,675
7/5	873	2,798	334	368	89	961	1,051	3,958	1,963
7/6	NA	2,878	426	408	129	1,140	1,051	4,603	2,212
7/7	**NA**	**3,265**	**496**	**526**	**160**	**1,304**	**1,051**	**5,066**	**2,484**
EOS		5,906	996	952	267	2,611	1,051	10,277	4,462

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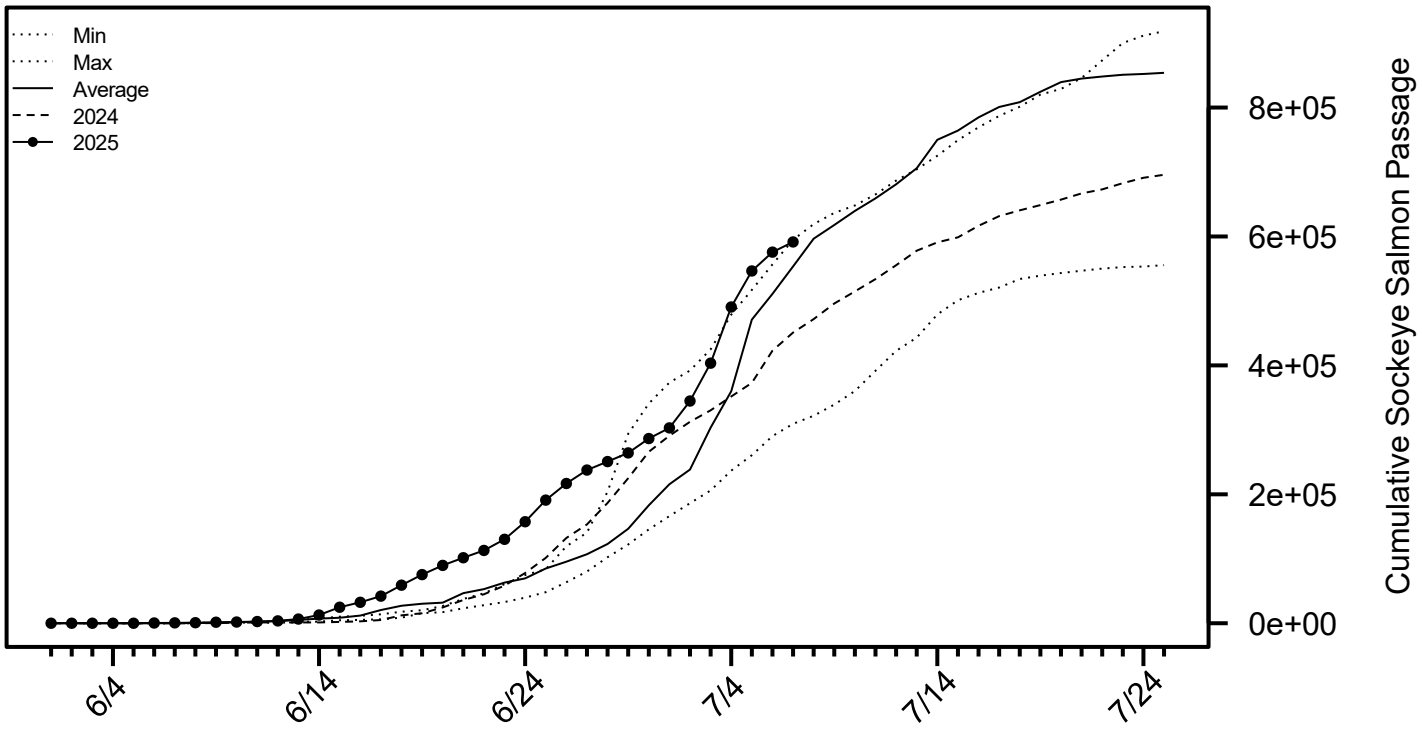
Sockeye Salmon Summary (7/7)

Based on Kuskokwim River Sonar and Aniak Test Fishery

- The sonar daily passage was **15,790**.
- The sonar cumulative passage is now **591,509**.
- The average sonar cumulative passage is **451,004** for this date.
- **83%** of years since 2018 fell below the cumulative passage for this date
- **54% - 67%** of the run is likely complete based on historical run timing at the sonar.

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
7/4	490,611	351,779	343,774	366,843	359,874	236,750	478,744	184,332	331,728
7/5	546,473	372,864	377,357	408,884	471,024	260,682	517,041	230,662	376,931
7/6	575,719	422,849	424,562	438,129	510,914	290,302	556,672	257,964	414,485
7/7	**591,509**	**450,939**	**495,778**	**454,654**	**553,542**	**309,353**	**594,753**	**298,012**	**451,004**
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
7/4	49	336	144	96	102	83	22	60	144
7/5	49	397	150	102	135	83	33	60	173
7/6	NA	425	164	102	189	88	33	60	208
7/7	**NA**	**443**	**177**	**102**	**220**	**94**	**33**	**60**	**231**
EOS		651	369	129	241	209	33	75	375

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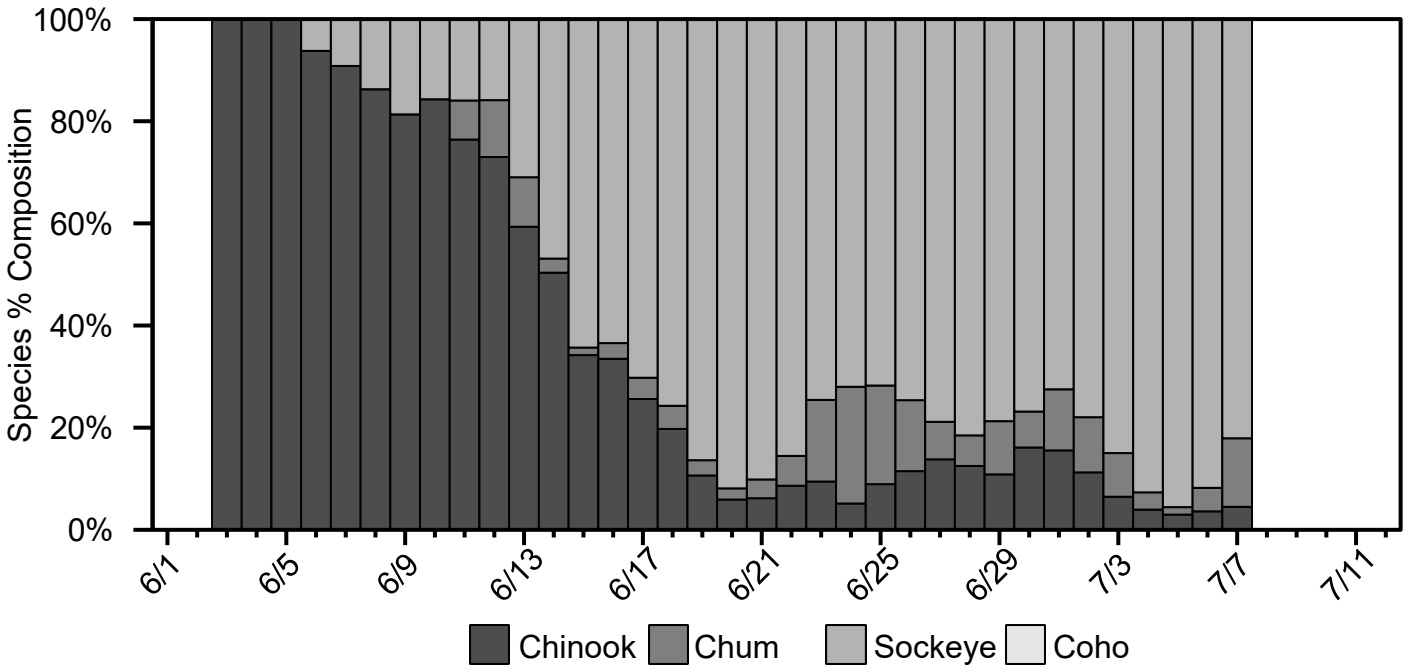
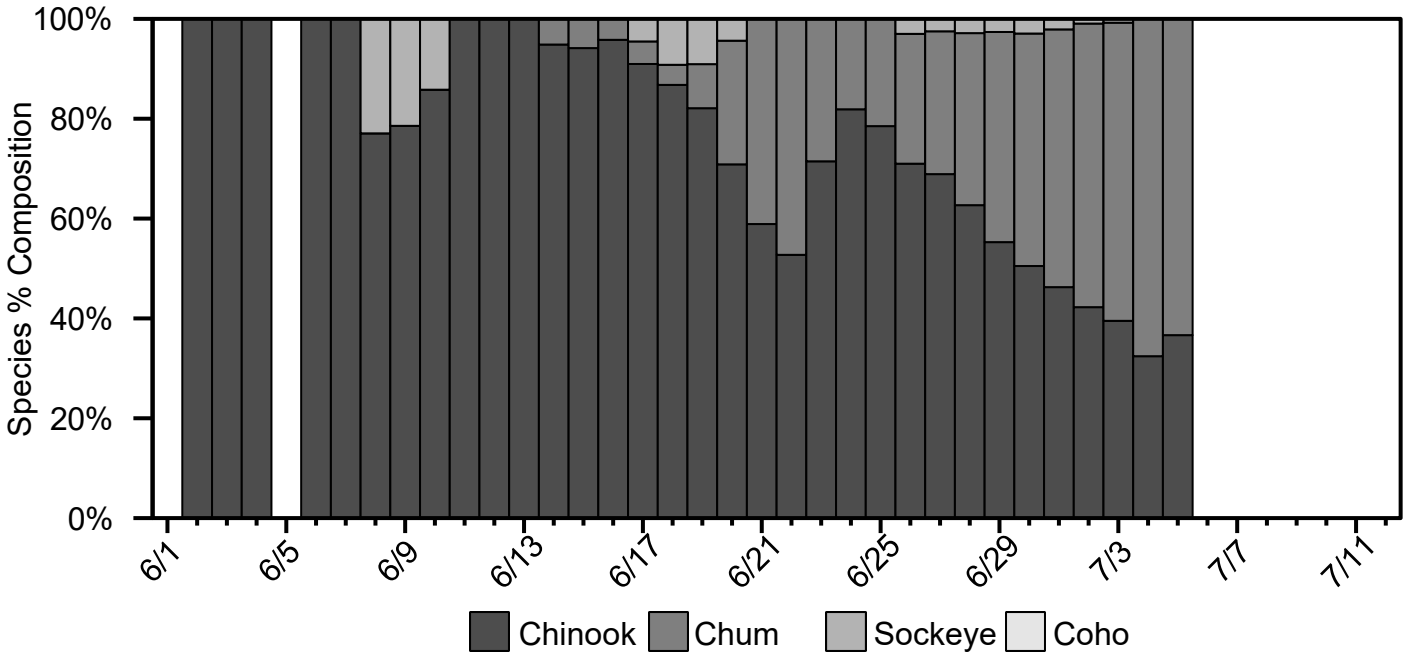
Percent Composition by Salmon Species

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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