

Kuskokwim River Salmon Management Working Group

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

Meeting Agenda

Date: August 13th, 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, Lower River, Middle River, Upper River, Headwaters
- B. Overview of Kuskokwim River salmon run assessment:
 - 1. ADF&G – Sam Decker (sonar/weirs/ATF)
 - 2. USFWS
 - 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. Co-chairs update

NEW BUSINESS:

COMMENTS FROM WORKING GROUP MEMBERS:

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

Kuskokwim River Salmon Assessment Update

8/11/2025



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

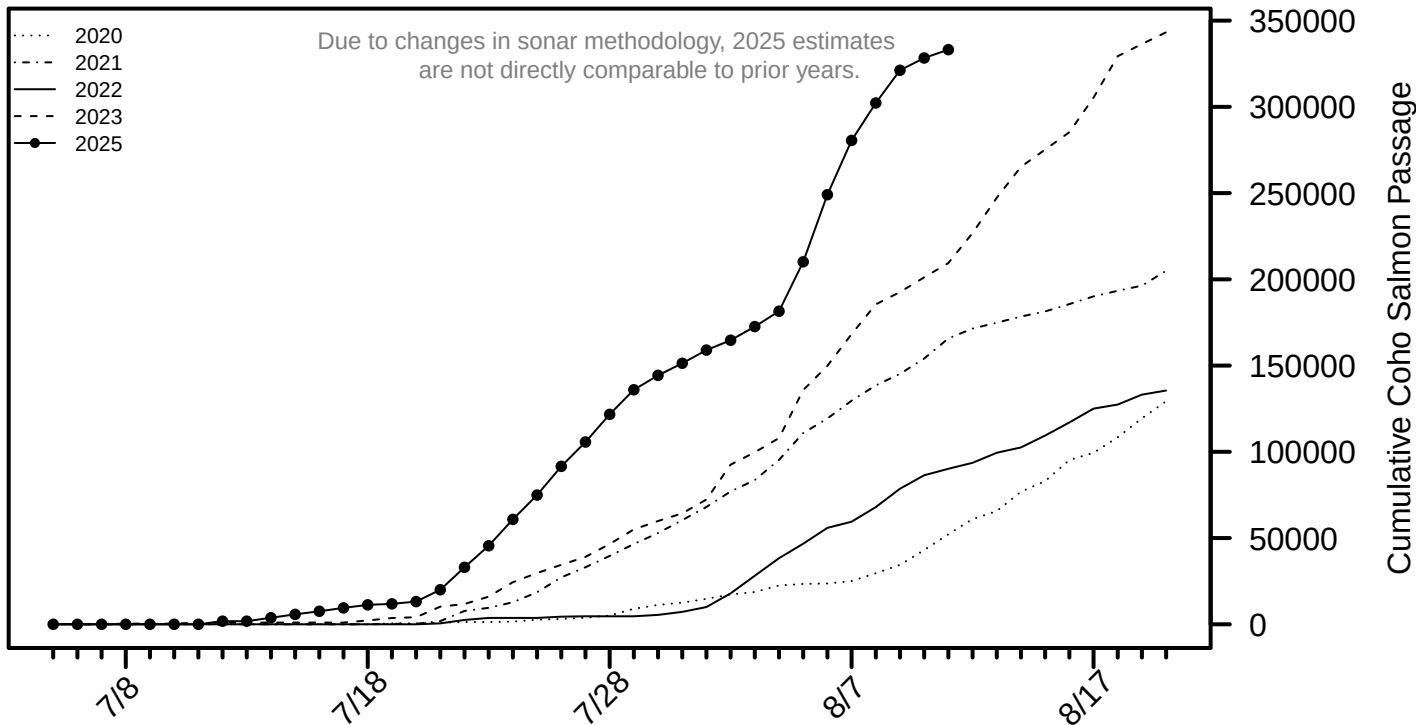
- **USFWS:** https://www.fws.gov/refuge/yukon_delta/wildlife_and_habitat/dailyupdate.html
- **ADF&G:** <http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>

Coho Salmon Summary (8/11)

Based on Kuskokwim River Sonar

- The sonar daily passage was **4,831**.
- The sonar cumulative passage is now **333,160**.
- The average (2020-2023) sonar cumulative passage is **129,394** for this date.
- **100%** of years since 2018 fell below the cumulative passage for this date.
- **42% - 65%** of the run is likely complete based on historical run timing at the sonar.

Coho Salmon Figure 1: The cumulative sonar passage from 2025 plotted along with the 4 prior years sonar that operated through August. Only 3 sonar units were deployed in 2020-2023, which resulted in some missed offshore coho salmon passage. A 4th sonar unit was added in 2025 for full coverage and is represented in the graph below. See *Coho Salmon Table 1* for differences between 2025 estimates using full (4 sonar units) and partial (3 sonar units) coverage.



Coho Salmon Table 1. Cumulative passage at the Kuskokwim River sonar. Sonar ended operations in July during the 2018, 2019, and 2024 seasons, which resulted in incomplete coho salmon assessment. Only 3 sonar units were deployed in 2020-2023, which resulted in some missed offshore coho salmon passage. A 4th sonar unit was added in 2025 for full coverage. 2025a represents estimates using full coverage. 2025b represents estimates using coverage similar to 2020-2023 and is a more direct comparison to those years. Average includes years 2020-2023. *Note: Estimates are subject to change.*

Date	2025a	2025b	2023	2022	2021	2020	Average
8/8	302,247	233,017	185,489	67,958	138,523	29,605	105,394
8/9	321,209	250,695	192,639	78,612	145,192	34,471	112,728
8/10	328,329	255,180	201,155	86,400	154,095	43,039	121,172
8/11	333,160	257,414	209,442	90,163	165,752	52,218	129,394
EOS			379,736	161,469	237,285	165,685	236,044

Chinook, Chum, and Sockeye Salmon Summaries

Chinook Salmon Summary

Chinook Salmon Table 1. Cumulative passage at the Kuskokwim River sonar. Sonar ended operations in July during the 2018, 2019, and 2024 seasons. Average includes years 2018-2024. *Note: Estimates are subject to change.*

Date	2025	2024	2023	2022	2021	2020	2019	2018	Average
8/8	120,153	142,662	79,166	145,896	102,549	106,347	161,888	132,971	124,497
8/9	120,153	142,662	79,166	145,896	102,549	106,572	161,888	132,971	124,529
8/10	120,153	142,662	79,166	145,896	102,549	106,572	161,888	132,971	124,529
8/11	120,153	142,662	79,166	145,896	102,549	106,572	161,888	132,971	124,529
EOS		142,662	79,166	145,896	102,549	106,764	161,888	132,971	124,557

*** The ATF ended operations on 7/9 with a cumulative CPUE of **1,437 for Chinook salmon**, which was below the 2015-2024 average cumulative CPUE of **2,165** .

Chum Salmon Summary

Chum Salmon Table 1. Cumulative passage at the Kuskokwim River sonar. Sonar ended operations in July during the 2018, 2019, and 2024 seasons. Average includes years 2018-2024. *Note: Estimates are subject to change.*

Date	2025	2024	2023	2022	2021	2020	2019	2018	Average
8/8	156,554	253,825	247,857	101,983	26,763	75,378	385,409	552,011	234,747
8/9	157,481	253,825	247,960	102,068	26,763	75,378	385,409	552,011	234,773
8/10	157,481	253,825	247,960	102,068	26,763	75,378	385,409	552,011	234,773
8/11	157,481	253,825	247,960	102,068	26,763	75,378	385,409	552,011	234,773
EOS		253,825	251,542	103,864	26,973	76,432	385,409	552,011	235,722

*** The ATF ended operations on 7/9 with a cumulative CPUE value of **948 for chum salmon** , which was below the 2015-2024 average cumulative CPUE of **2,865**.

Sockeye Salmon Summary

Sockeye Salmon Table 1. Cumulative passage at the Kuskokwim River sonar. Sonar ended operations in July during the 2018, 2019, and 2024 seasons. Average includes years 2018-2024. *Note: Estimates are subject to change.*

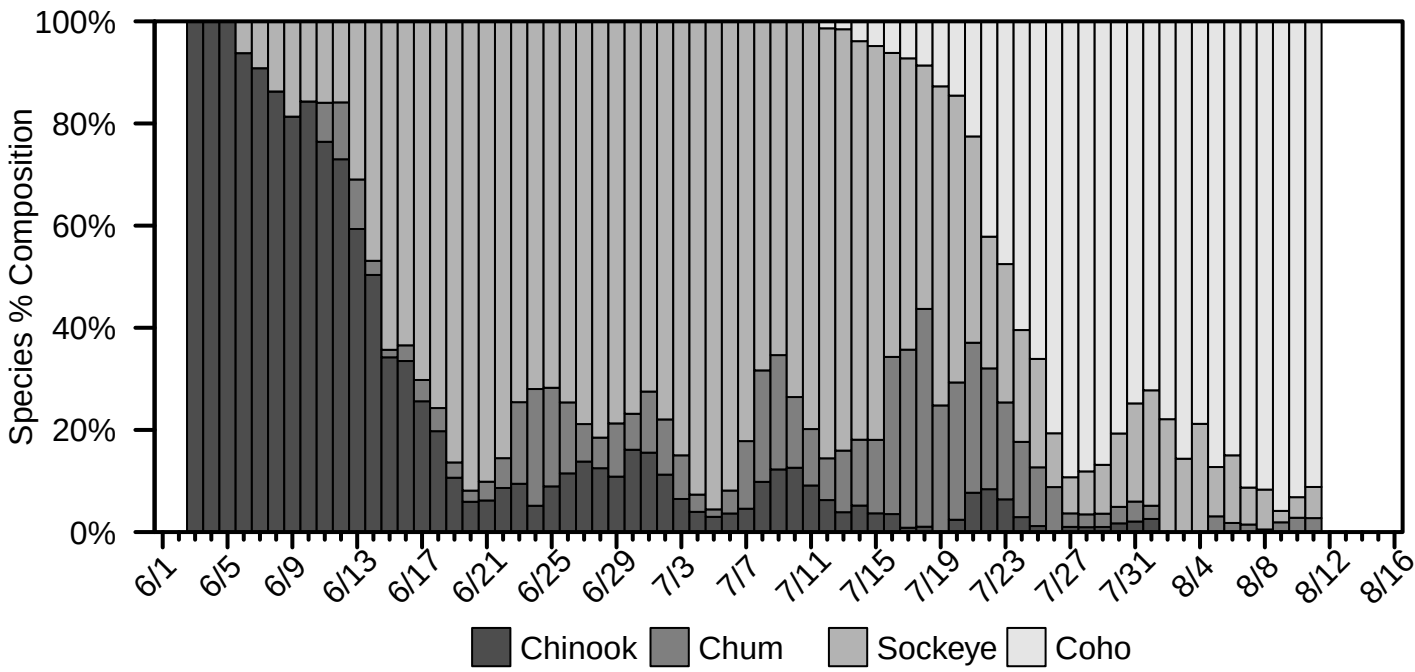
Date	2025	2024	2023	2022	2021	2020	2019	2018	Average
8/8	911,527	695,724	897,224	611,051	868,399	570,269	924,354	635,493	743,216
8/9	912,248	695,724	897,713	611,051	868,399	570,526	924,354	635,493	743,323
8/10	913,594	695,724	897,713	611,357	868,399	570,968	924,354	635,493	743,430
8/11	913,594	695,724	897,713	611,357	868,399	571,839	924,354	635,493	743,554
EOS		695,724	899,180	614,712	869,268	574,928	924,354	635,493	744,808

*** The ATF ended operations on 7/9 with a cumulative CPUE value of **55 for sockeye salmon** , which was below the 2015-2024 average cumulative CPUE of **271**.

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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.



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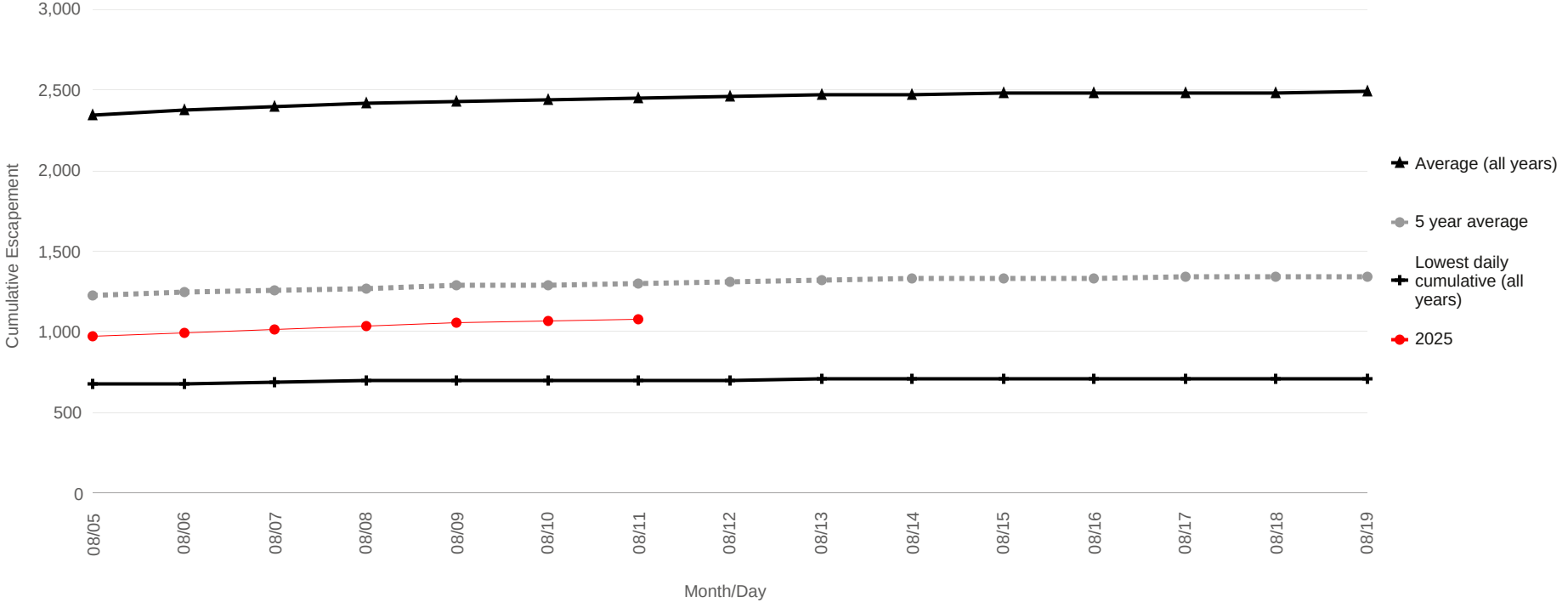
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Salmon River (Aniak) Salmon Monitoring Project
Passage of Chinook Salmon

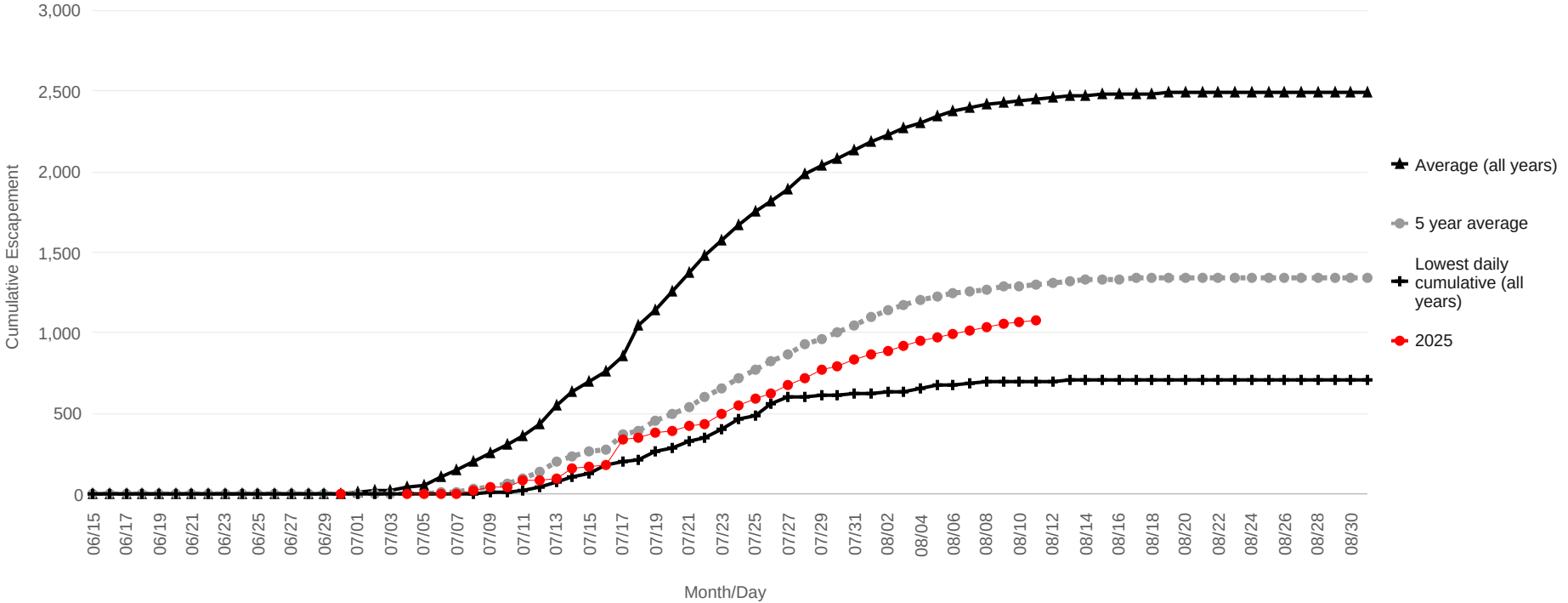
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	677	2,347	1,228	975
08/06	680	2,375	1,244	998
08/07	689	2,394	1,256	1,020
08/08	696	2,415	1,271	1,040
08/09	698	2,427	1,285	1,055
08/10	698	2,441	1,291	1,063
08/11	702	2,451	1,303	1,074
08/12	703	2,462	1,314	
08/13	704	2,471	1,321	
08/14	705	2,475	1,327	
08/15	706	2,480	1,333	
08/16	706	2,483	1,337	
08/17	706	2,485	1,341	
08/18	707	2,487	1,342	
08/19	707	2,489	1,344	

	Lowest Count	Average Count	5 Year Average
Season Total	711	2,492	1,345

Focused Two-Week Data View



Season Total Overview

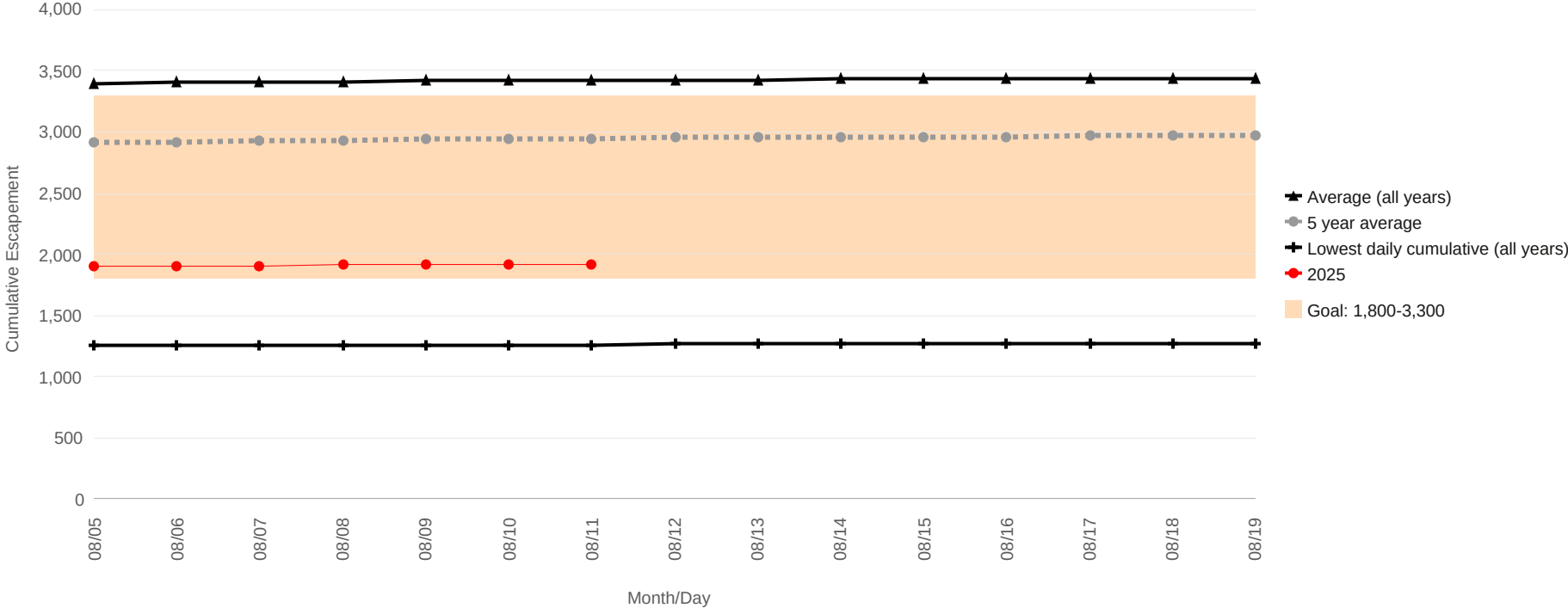


George River Salmon Monitoring Project
Cumulative Daily Passage of Chinook Salmon
Escapement Goal Range: 1,800 to 3,300

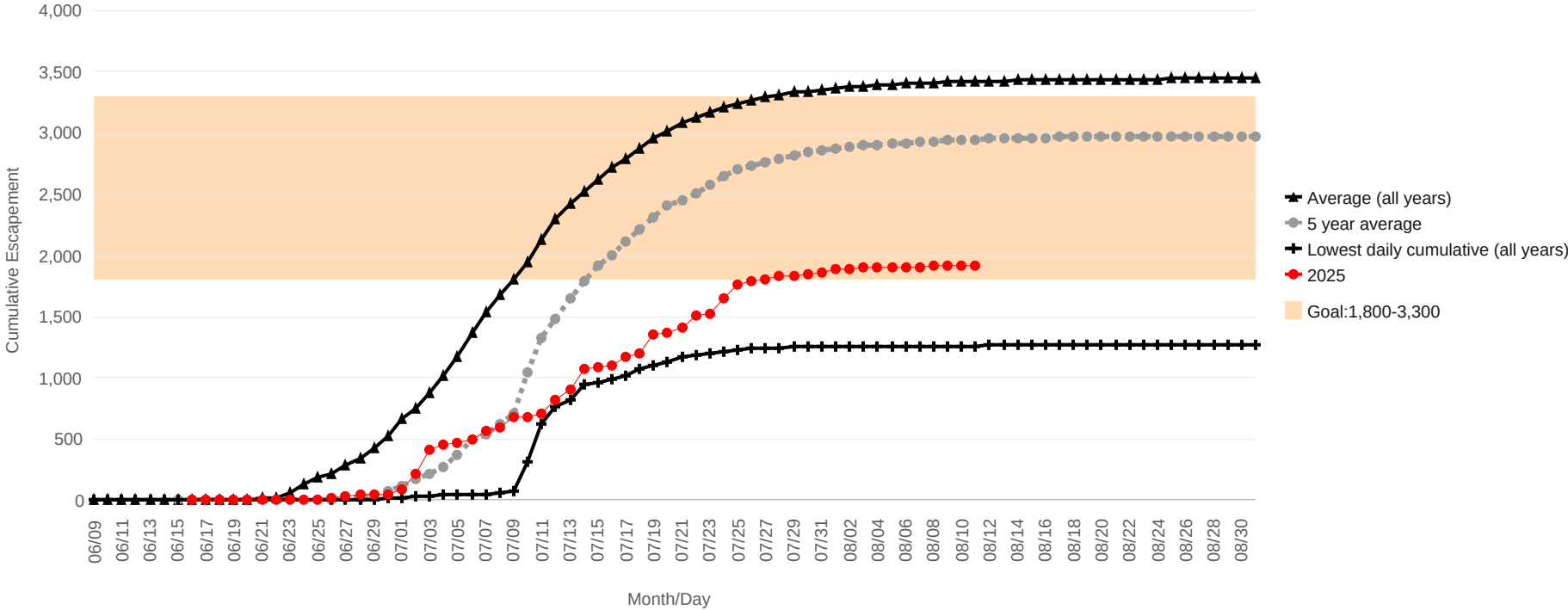
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	1,258	3,398	2,913	1,901
08/06	1,258	3,403	2,919	1,905
08/07	1,259	3,408	2,924	1,907
08/08	1,259	3,413	2,932	1,910
08/09	1,260	3,416	2,938	1,913
08/10	1,260	3,420	2,944	1,914
08/11	1,261	3,424	2,950	1,916
08/12	1,263	3,427	2,954	
08/13	1,263	3,429	2,956	
08/14	1,263	3,431	2,959	
08/15	1,263	3,433	2,961	
08/16	1,263	3,435	2,963	
08/17	1,265	3,437	2,966	
08/18	1,265	3,439	2,968	
08/19	1,265	3,440	2,970	

	Lowest Count	Average Count	5 Year Average
Season Total	1,267	3,446	2,978

Focused Two-Week Data View



Season Total Overview



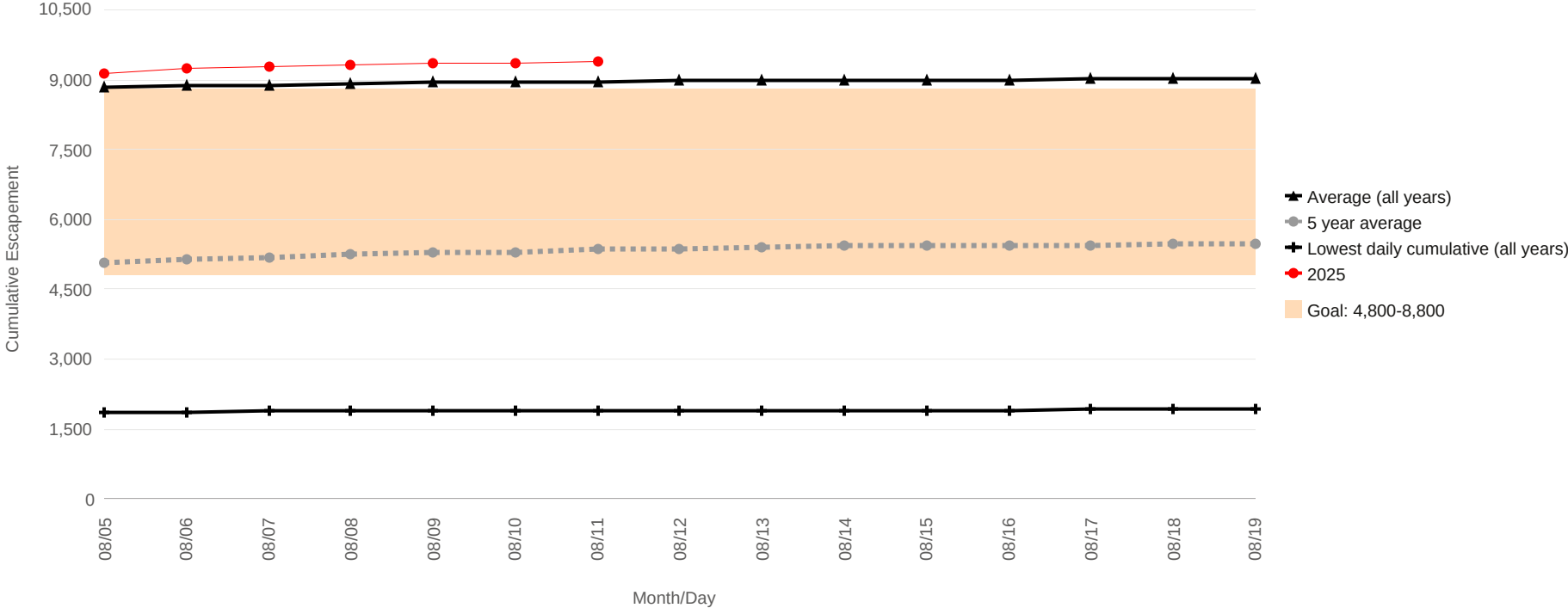
Kogrukluk River Salmon Monitoring Project
Cumulative Daily Passage of Chinook Salmon

Escapement Goal Range: 4,800 to 8,800

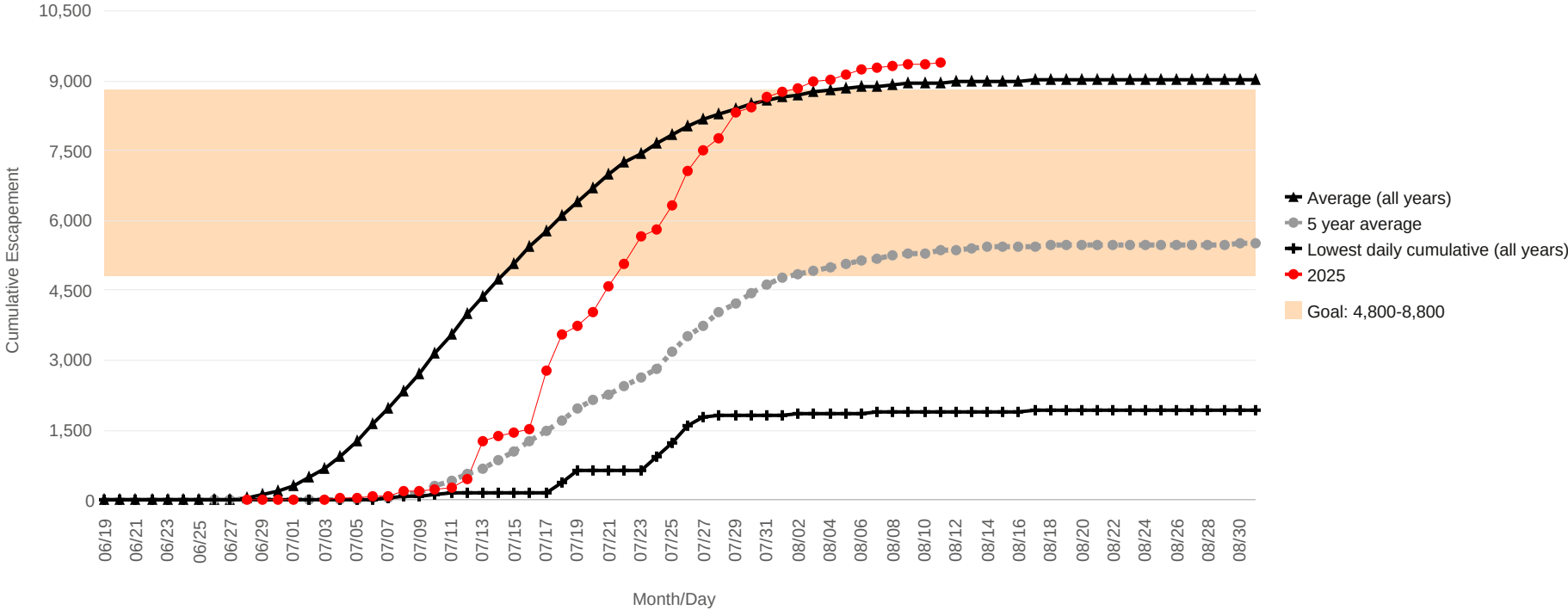
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	1,861	8,833	5,074	9,136
08/06	1,869	8,861	5,124	9,225
08/07	1,876	8,887	5,189	9,276
08/08	1,882	8,910	5,238	9,311
08/09	1,887	8,928	5,280	9,341
08/10	1,892	8,943	5,303	9,366
08/11	1,896	8,959	5,353	9,374
08/12	1,899	8,970	5,378	
08/13	1,902	8,981	5,405	
08/14	1,904	8,988	5,423	
08/15	1,906	8,995	5,434	
08/16	1,908	9,001	5,446	
08/17	1,910	9,005	5,452	
08/18	1,911	9,009	5,459	
08/19	1,912	9,013	5,464	

	Lowest Count	Average Count	5 Year Average
Season Total	1,919	9,035	5,496

Focused Two-Week Data View



Season Total Overview

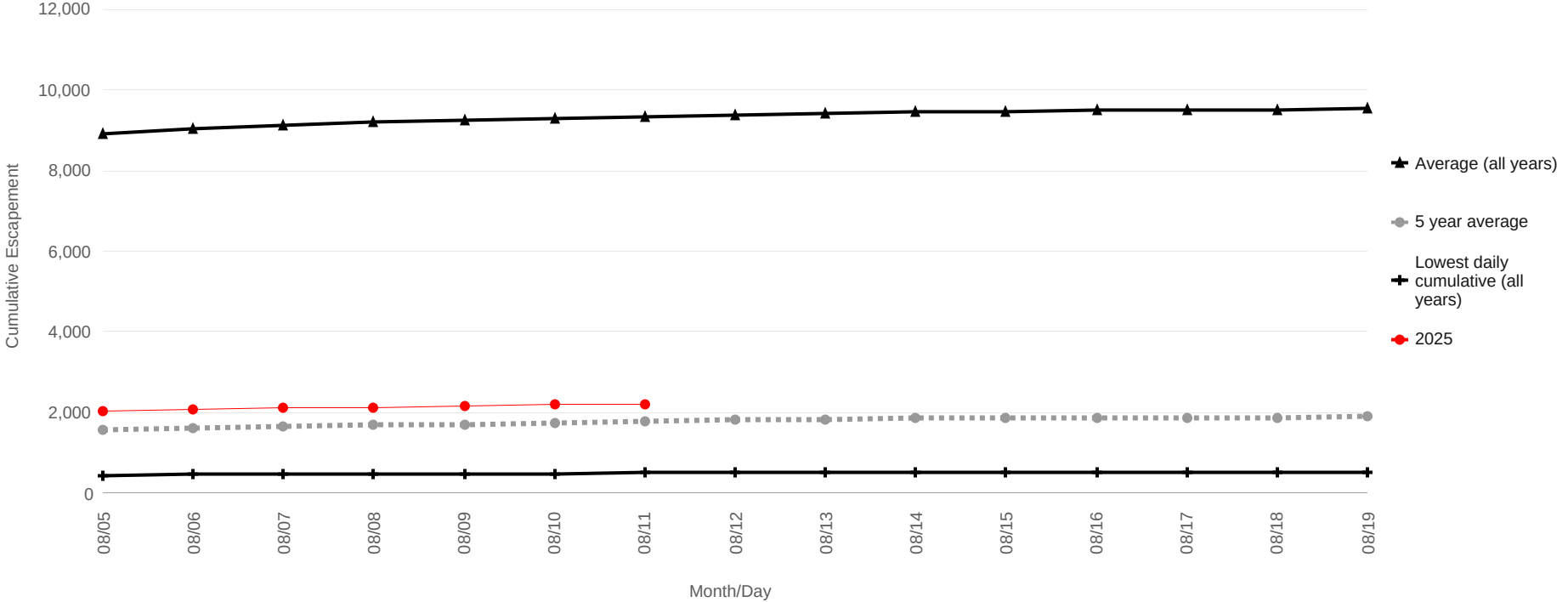


Salmon River (Aniak) Salmon Monitoring Project
Passage of Chum Salmon

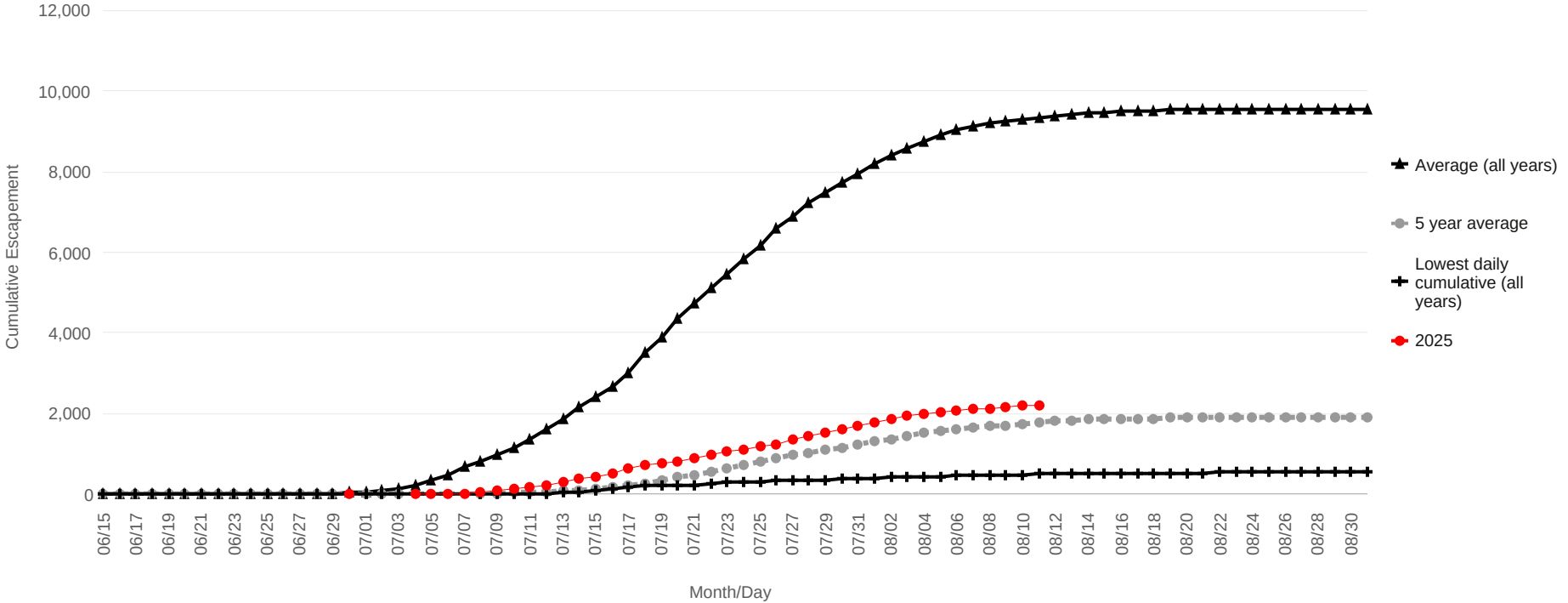
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	449	8,904	1,563	2,020
08/06	458	9,027	1,603	2,066
08/07	462	9,130	1,649	2,104
08/08	466	9,199	1,678	2,136
08/09	480	9,258	1,702	2,170
08/10	491	9,309	1,737	2,191
08/11	503	9,353	1,771	2,207
08/12	517	9,394	1,802	
08/13	521	9,434	1,828	
08/14	523	9,460	1,846	
08/15	526	9,482	1,856	
08/16	531	9,499	1,866	
08/17	532	9,513	1,875	
08/18	532	9,524	1,882	
08/19	533	9,533	1,889	

	Lowest Count	Average Count	5 Year Average
Season Total	537	9,564	1,906

Focused Two-Week Data View



Season Total Overview

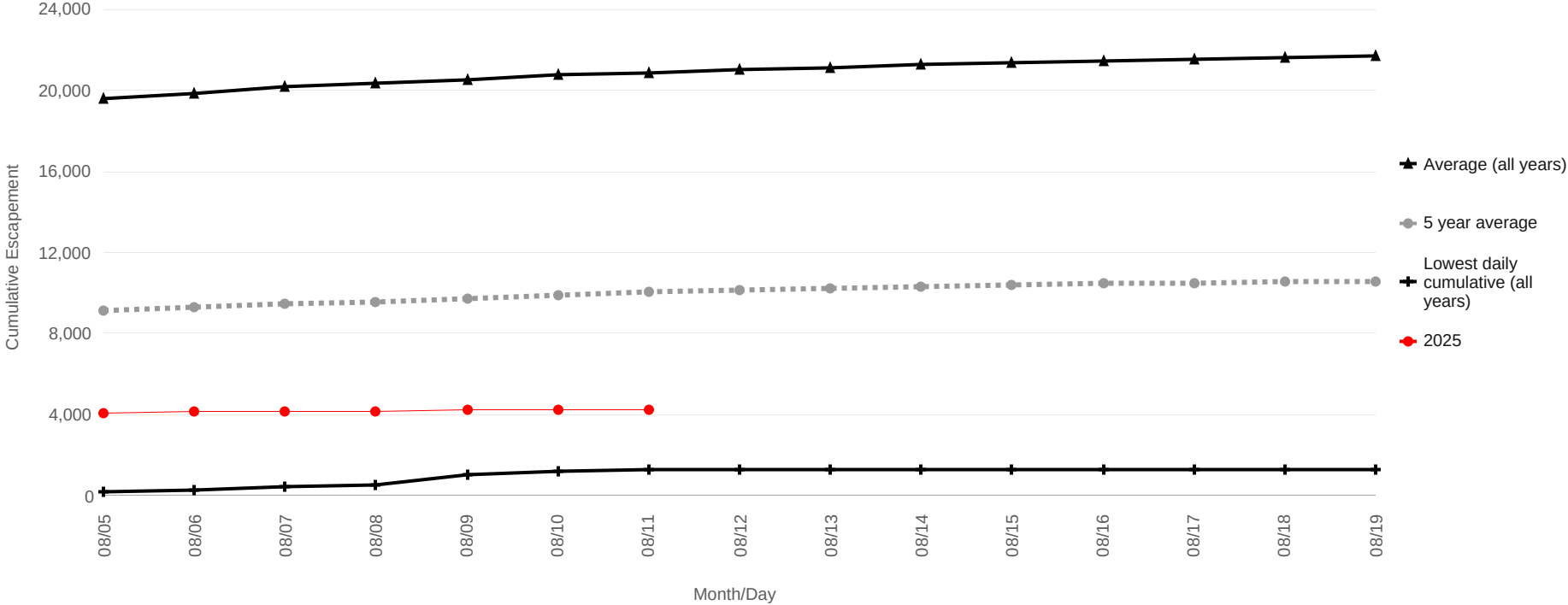


George River Salmon Monitoring Project
Cumulative Daily Passage of Chum Salmon

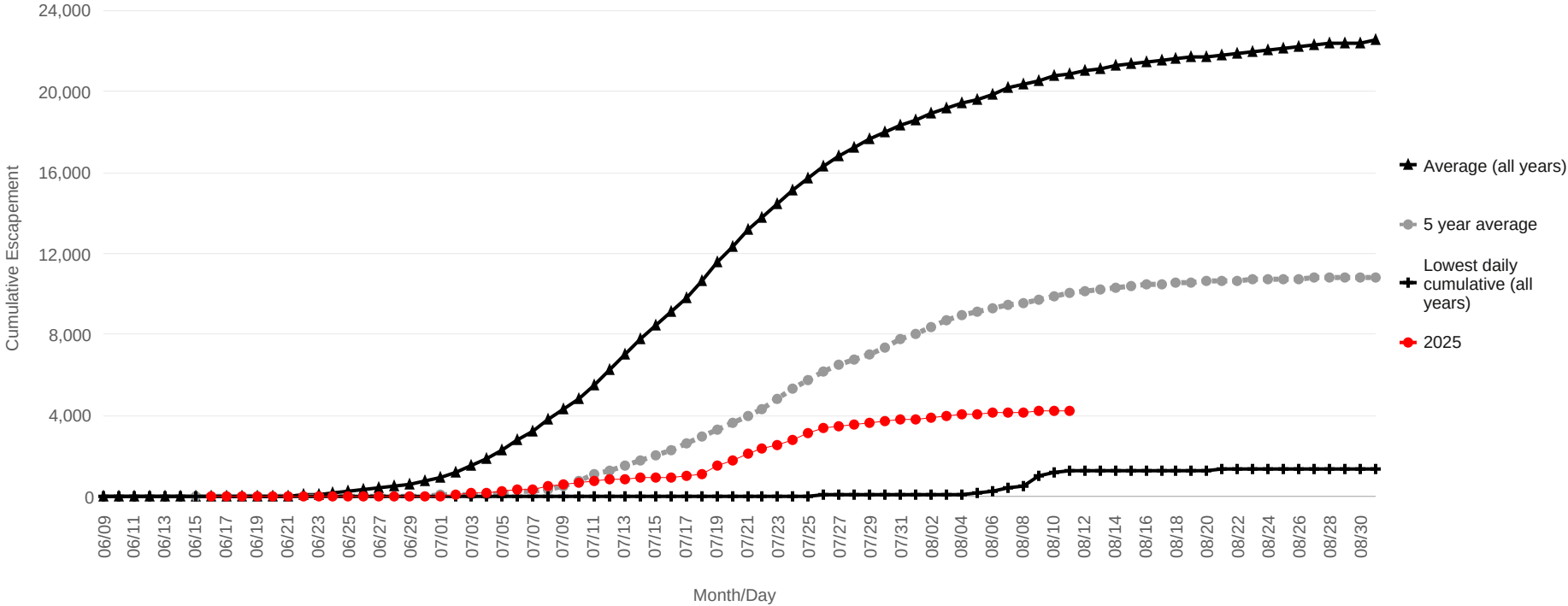
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	159	19,597	9,140	4,073
08/06	257	19,855	9,289	4,142
08/07	413	20,153	9,450	4,163
08/08	526	20,389	9,570	4,176
08/09	1,033	20,569	9,705	4,194
08/10	1,232	20,745	9,889	4,212
08/11	1,256	20,899	10,053	4,215
08/12	1,274	21,033	10,155	
08/13	1,279	21,152	10,254	
08/14	1,294	21,303	10,319	
08/15	1,298	21,399	10,374	
08/16	1,306	21,488	10,452	
08/17	1,310	21,562	10,505	
08/18	1,319	21,634	10,561	
08/19	1,321	21,682	10,595	

	Lowest Count	Average Count	5 Year Average
Season Total	1,371	23,003	10,848

Focused Two-Week Data View



Season Total Overview

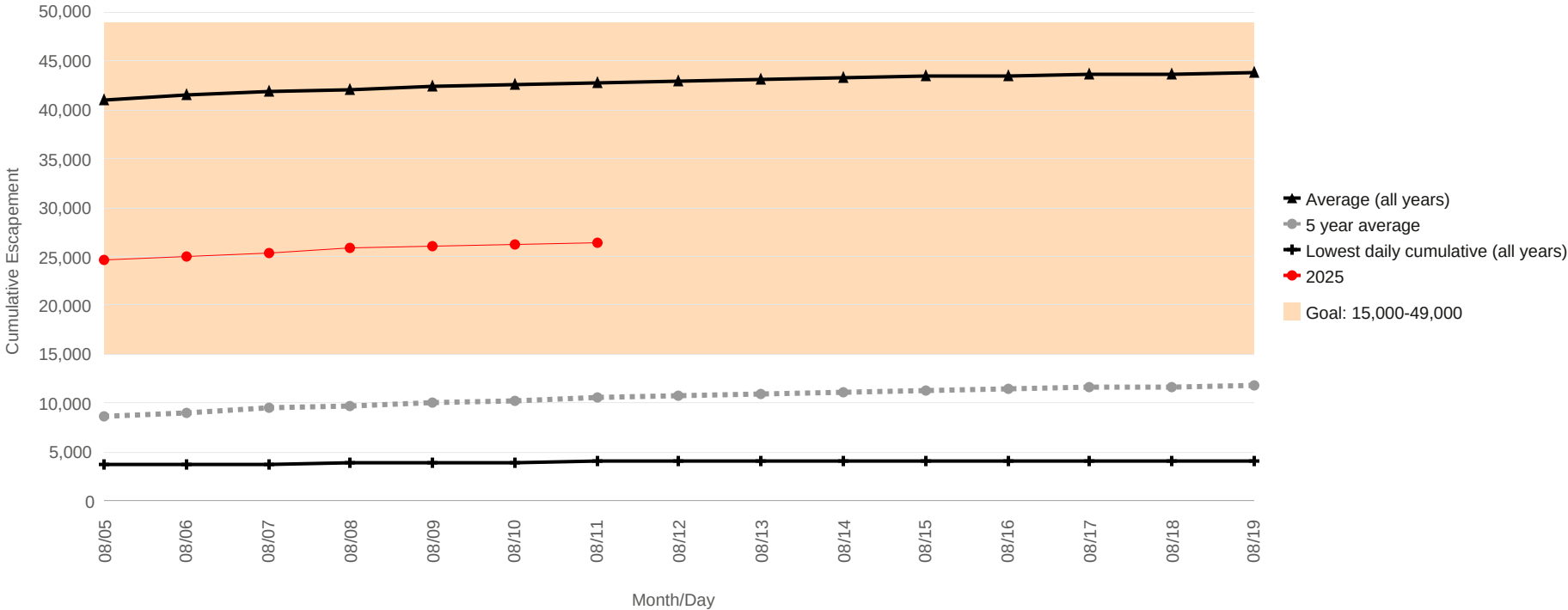


Kogrukluk River Salmon Monitoring Project
Cumulative Daily Passage of Chum Salmon
Escapement Goal Range: 15,000 to 49,000

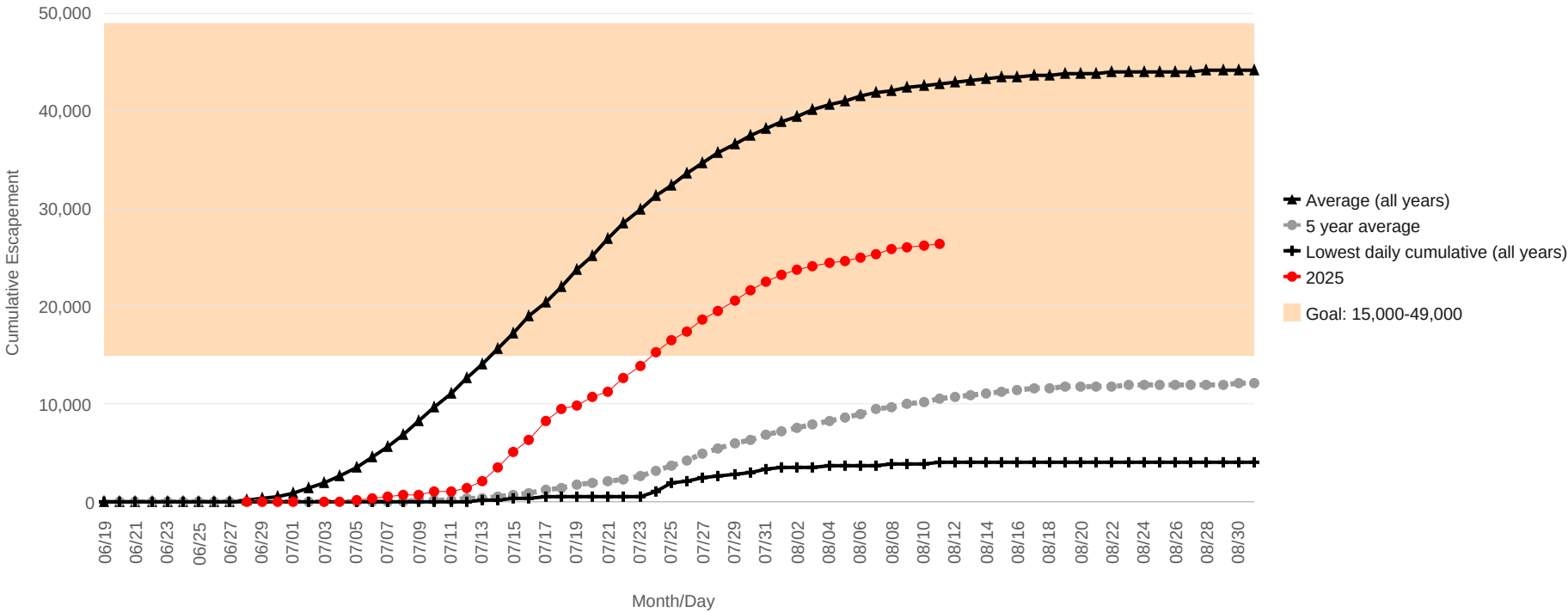
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	3,712	41,094	8,672	24,640
08/06	3,789	41,482	9,039	25,081
08/07	3,810	41,816	9,457	25,411
08/08	3,850	42,123	9,777	25,810
08/09	3,914	42,376	10,033	26,088
08/10	3,969	42,611	10,235	26,288
08/11	4,009	42,830	10,552	26,467
08/12	4,026	43,020	10,765	
08/13	4,072	43,187	11,008	
08/14	4,085	43,326	11,186	
08/15	4,094	43,455	11,330	
08/16	4,106	43,561	11,466	
08/17	4,113	43,657	11,586	
08/18	4,117	43,732	11,664	
08/19	4,119	43,796	11,741	

	Lowest Count	Average Count	5 Year Average
Season Total	4,153	44,147	12,109

Focused Two-Week Data View



Season Total Overview

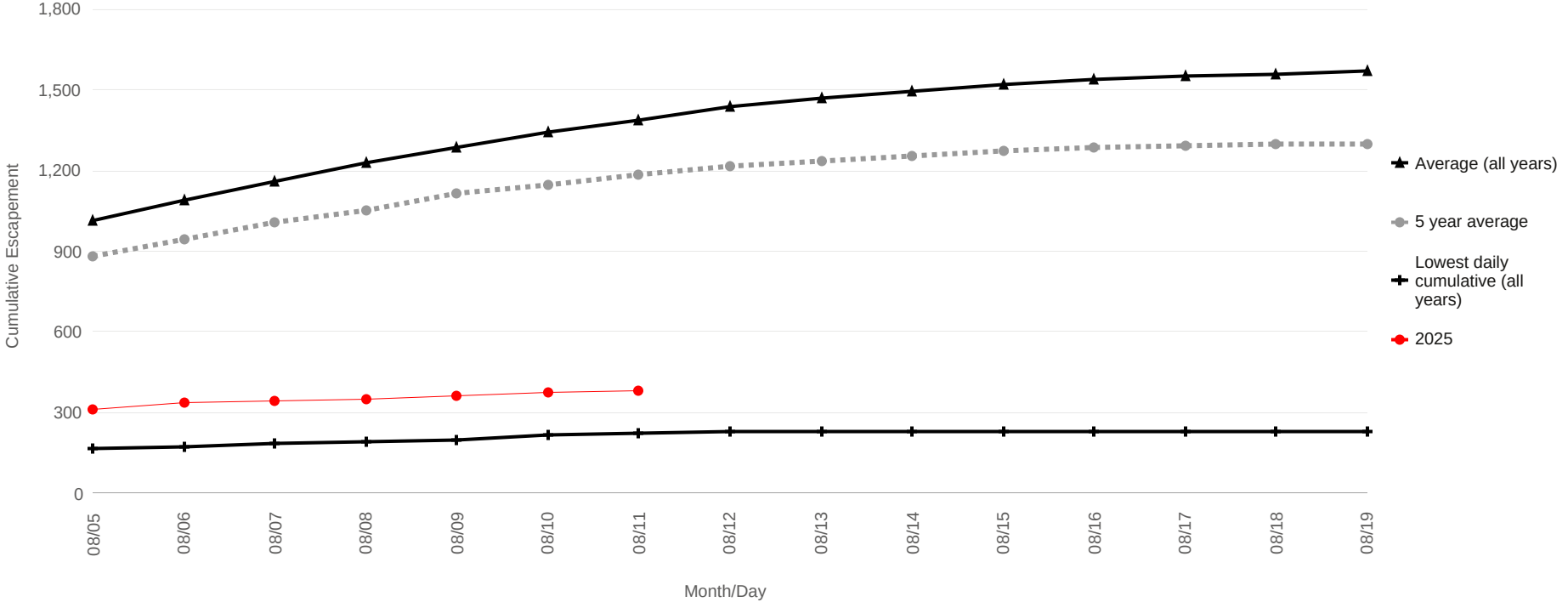


Salmon River (Aniak) Salmon Monitoring Project
Passage of Sockeye Salmon

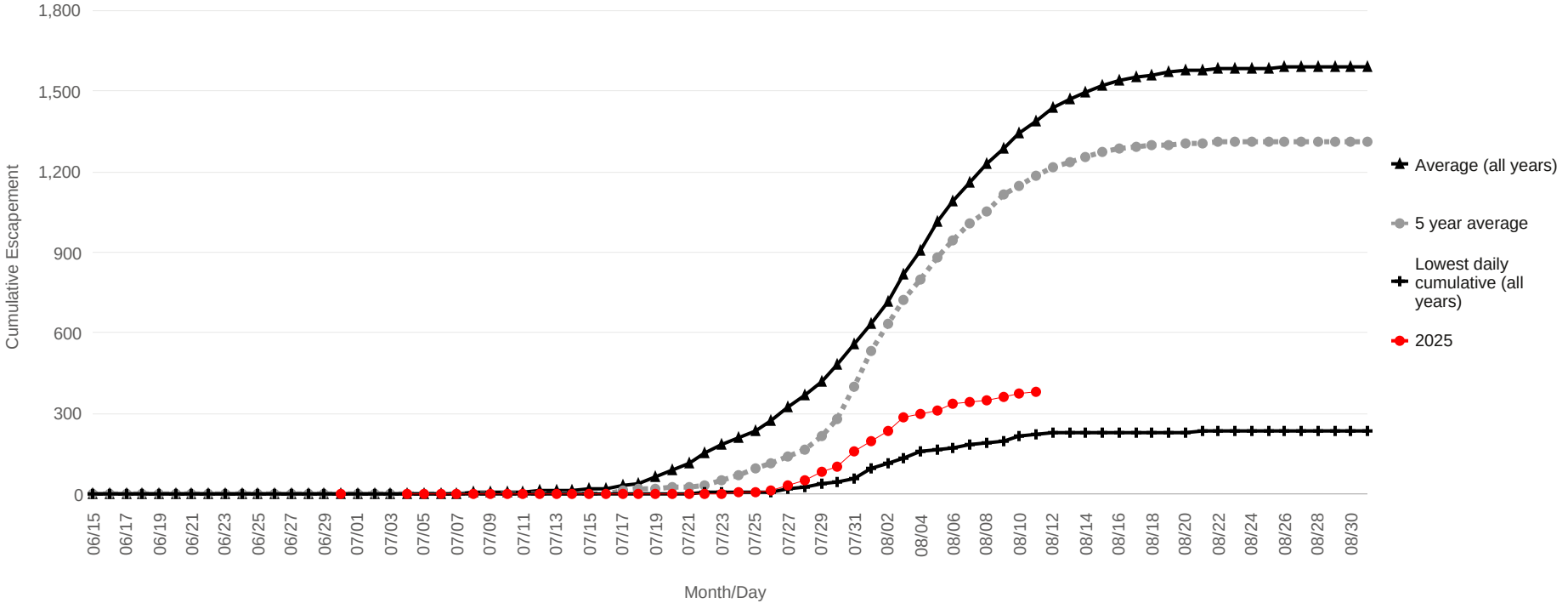
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	167	1,012	879	312
08/06	174	1,090	948	336
08/07	184	1,159	1,007	342
08/08	190	1,227	1,054	348
08/09	199	1,286	1,113	359
08/10	219	1,342	1,150	375
08/11	223	1,387	1,184	384
08/12	226	1,435	1,217	
08/13	226	1,469	1,236	
08/14	227	1,496	1,257	
08/15	229	1,518	1,272	
08/16	231	1,537	1,285	
08/17	231	1,551	1,293	
08/18	232	1,560	1,298	
08/19	232	1,569	1,302	

	Lowest Count	Average Count	5 Year Average
Season Total	234	1,590	1,312

Focused Two-Week Data View



Season Total Overview



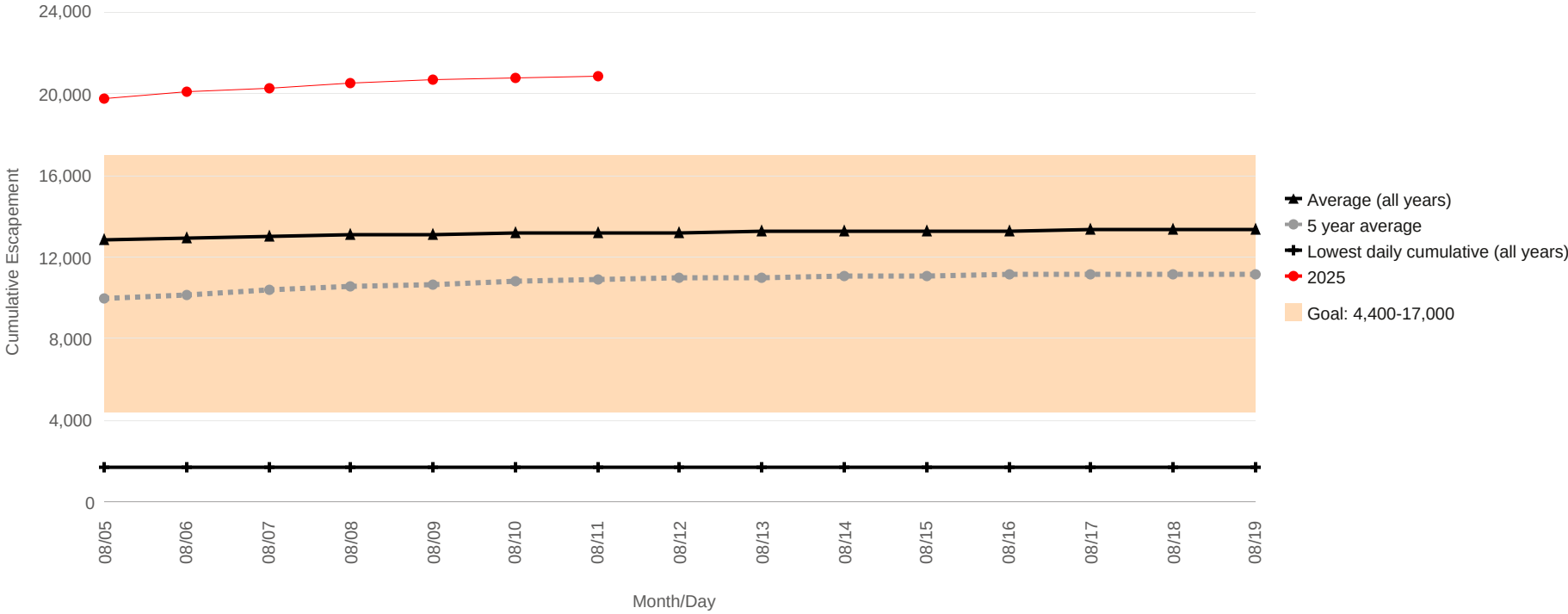
Kogrukluk River Salmon Monitoring Project
Cumulative Daily Passage of Sockeye Salmon

Escapement Goal Range: 4,400 to 17,000

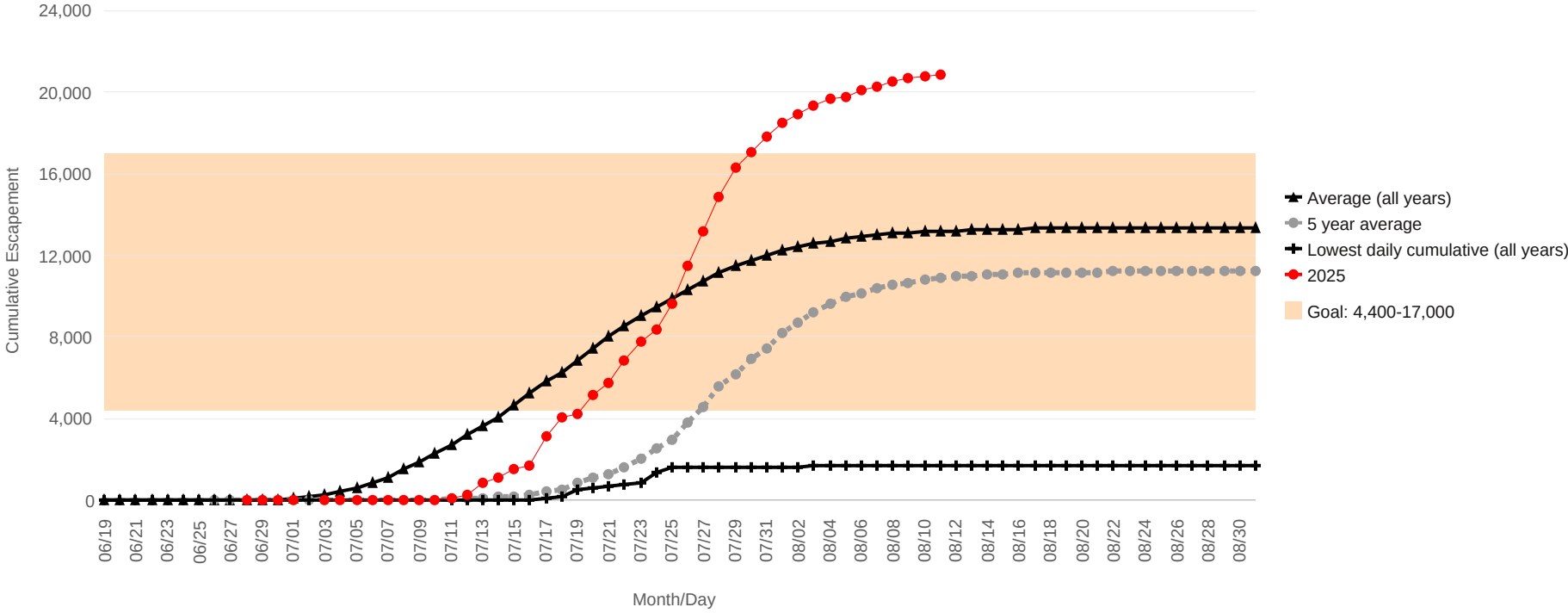
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	1,666	12,831	9,942	19,764
08/06	1,670	12,925	10,173	20,074
08/07	1,672	12,998	10,377	20,290
08/08	1,674	13,060	10,539	20,509
08/09	1,675	13,113	10,690	20,688
08/10	1,675	13,155	10,785	20,816
08/11	1,676	13,197	10,893	20,903
08/12	1,676	13,229	10,958	
08/13	1,676	13,256	11,023	
08/14	1,676	13,278	11,076	
08/15	1,676	13,298	11,104	
08/16	1,676	13,313	11,137	
08/17	1,676	13,326	11,157	
08/18	1,676	13,336	11,172	
08/19	1,676	13,344	11,183	

	Lowest Count	Average Count	5 Year Average
Season Total	1,676	13,391	11,245

Focused Two-Week Data View



Season Total Overview

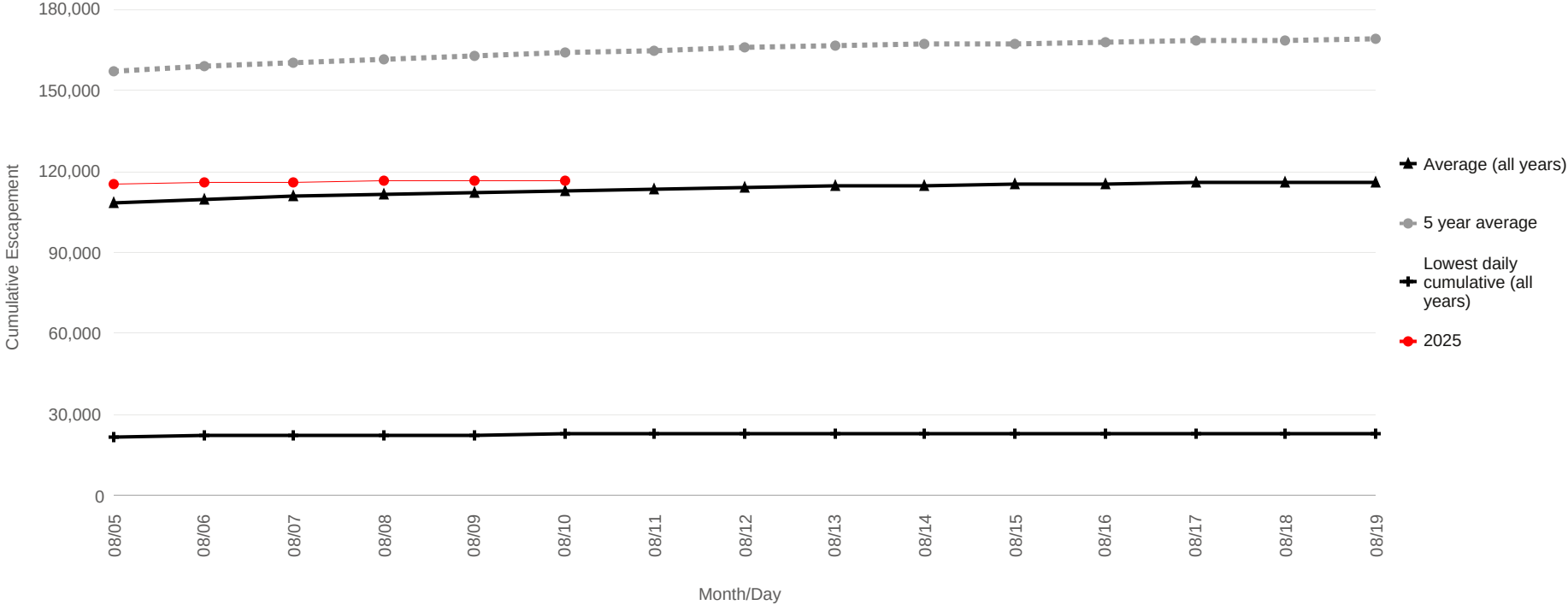


Telaquana River Salmon Monitoring Project
Passage of Sockeye Salmon

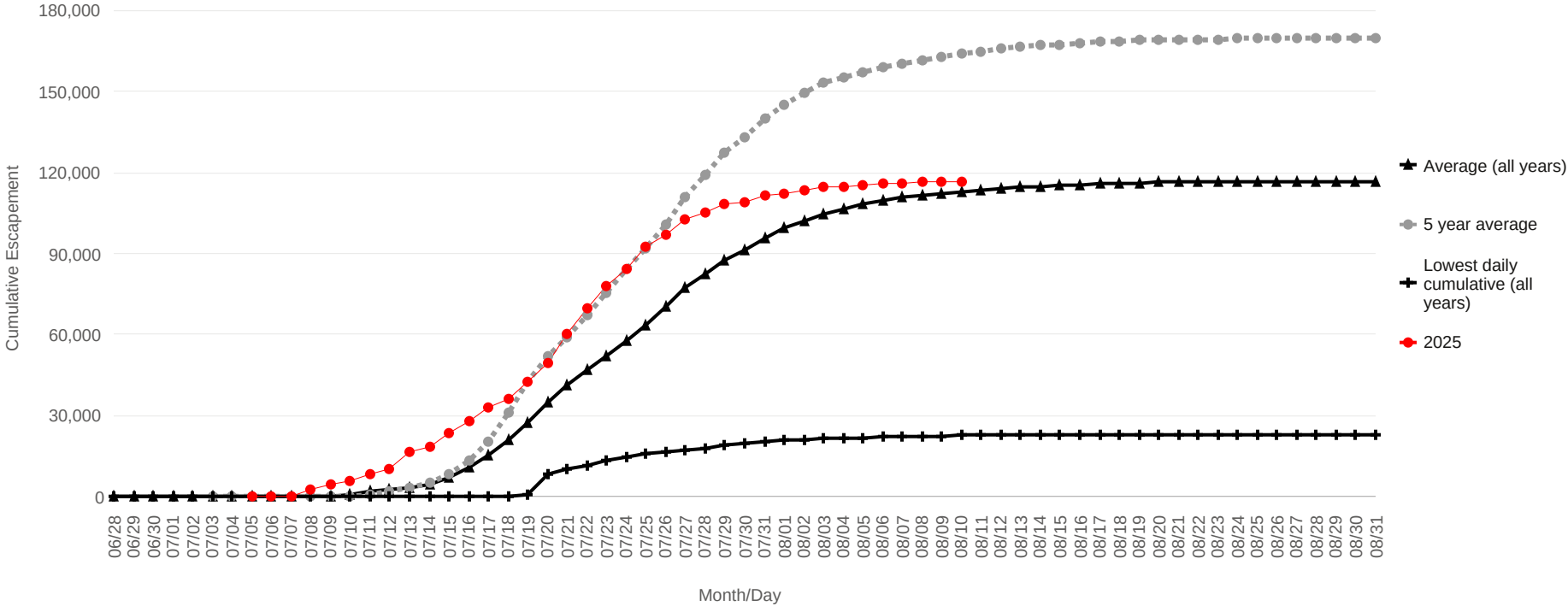
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	21,948	108,416	157,228	115,648
08/06	22,073	109,535	158,833	115,933
08/07	22,243	110,624	160,226	116,246
08/08	22,429	111,629	161,729	116,372
08/09	22,483	112,345	162,594	116,528
08/10	22,607	113,133	163,934	116,665
08/11	22,664	113,717	164,852	
08/12	22,742	114,261	165,817	
08/13	22,797	114,664	166,515	
08/14	22,871	115,027	167,102	
08/15	22,880	115,361	167,566	
08/16	22,911	115,667	168,010	
08/17	22,919	115,900	168,364	
08/18	22,936	116,103	168,785	
08/19	22,944	116,248	169,026	

	Lowest Count	Average Count	5 Year Average
Season Total	23,007	116,672	169,638

Focused Two-Week Data View



Season Total Overview

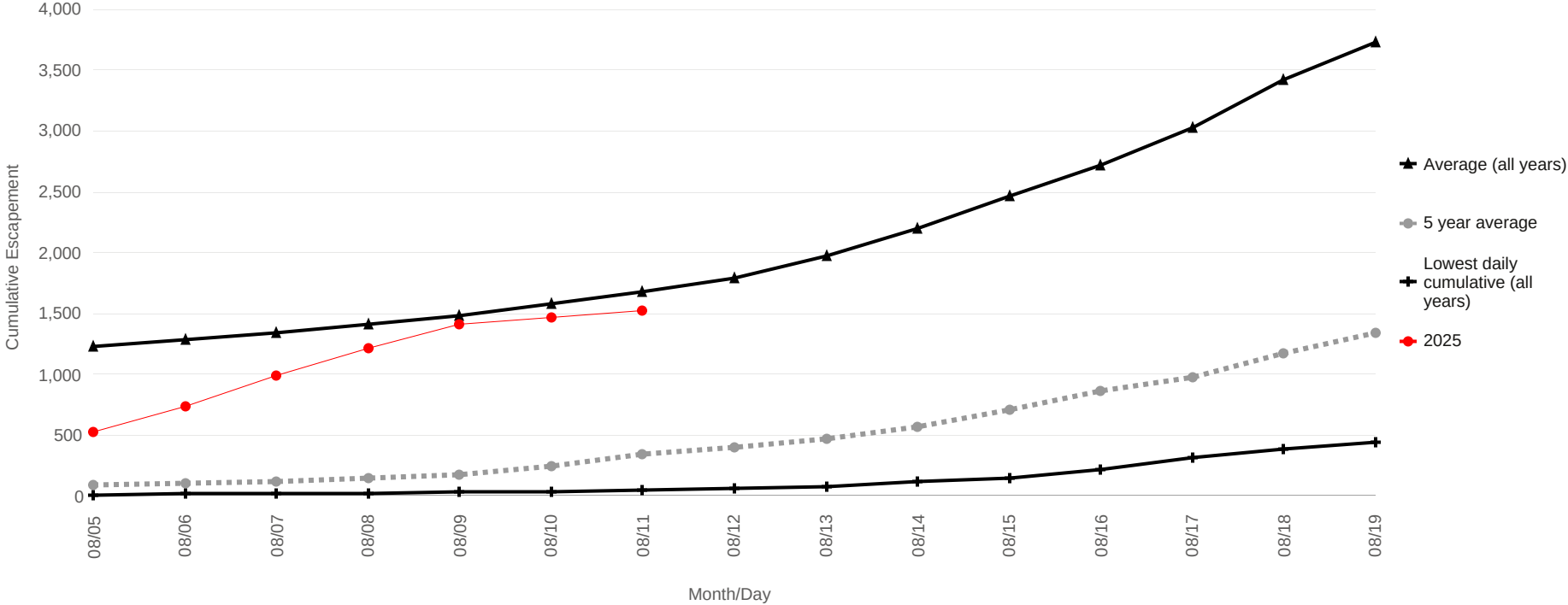


George River Salmon Monitoring Project
Cumulative Daily Passage of Coho Salmon

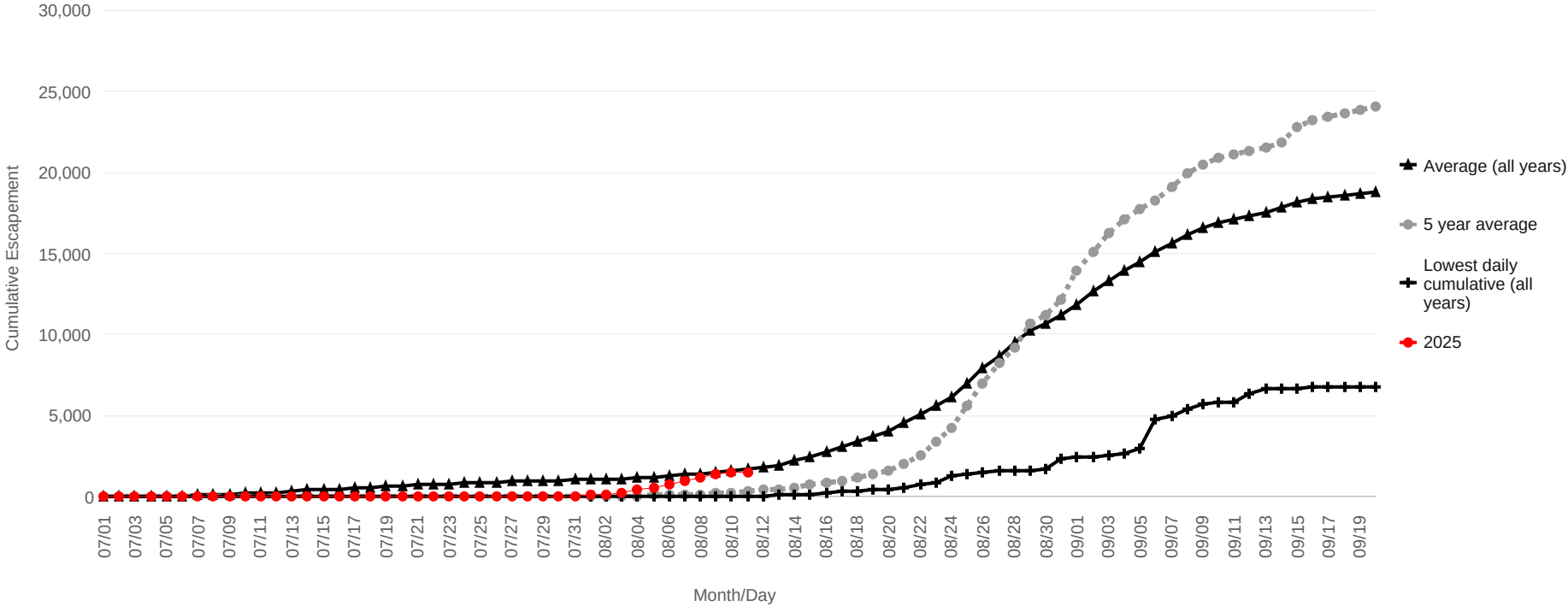
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	8	1,225	91	527
08/06	12	1,283	107	733
08/07	18	1,344	120	994
08/08	22	1,413	139	1,217
08/09	28	1,476	177	1,404
08/10	36	1,584	244	1,469
08/11	47	1,673	336	1,529
08/12	53	1,792	392	
08/13	76	1,966	474	
08/14	108	2,191	564	
08/15	141	2,461	712	
08/16	211	2,724	861	
08/17	305	3,030	976	
08/18	388	3,426	1,171	
08/19	439	3,732	1,341	

	Lowest Count	Average Count	5 Year Average
Season Total	6,759	18,793	24,073

Focused Two-Week Data View



Season Total Overview

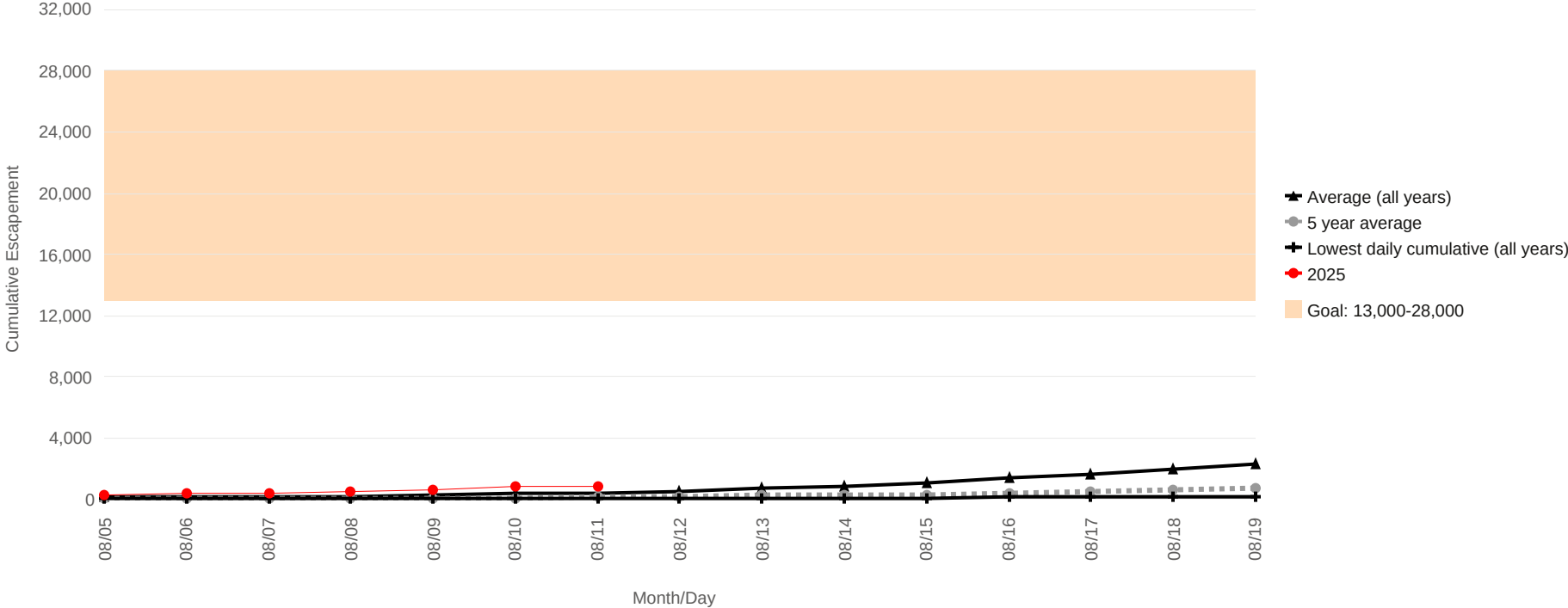


Kogrukluk River Salmon Monitoring Project
Cumulative Daily Passage of Coho Salmon
Escapement Goal Range: 13,000 to 28,000

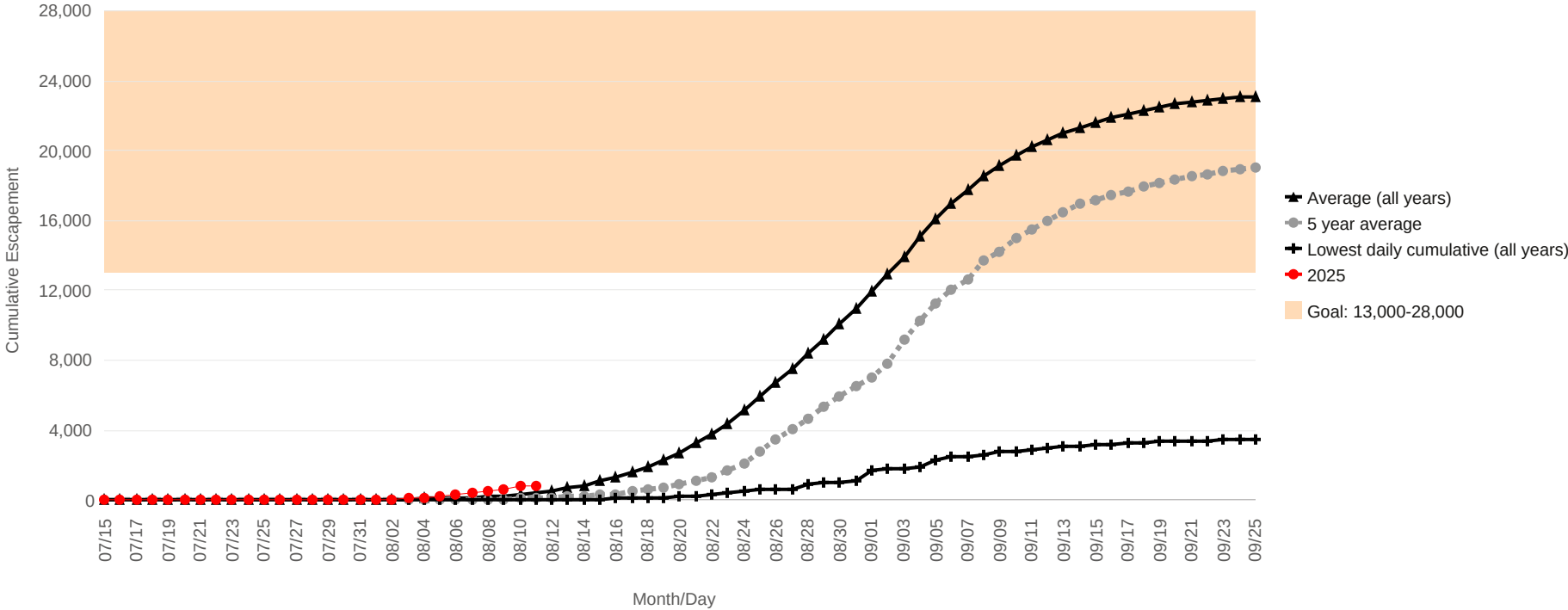
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2025
08/05	1	85	18	220
08/06	1	108	21	313
08/07	2	142	36	381
08/08	3	180	44	486
08/09	5	235	61	630
08/10	5	312	73	768
08/11	8	382	99	854
08/12	13	519	139	
08/13	21	663	206	
08/14	35	853	256	
08/15	53	1,084	285	
08/16	84	1,332	356	
08/17	101	1,592	486	
08/18	117	1,933	623	
08/19	142	2,289	721	

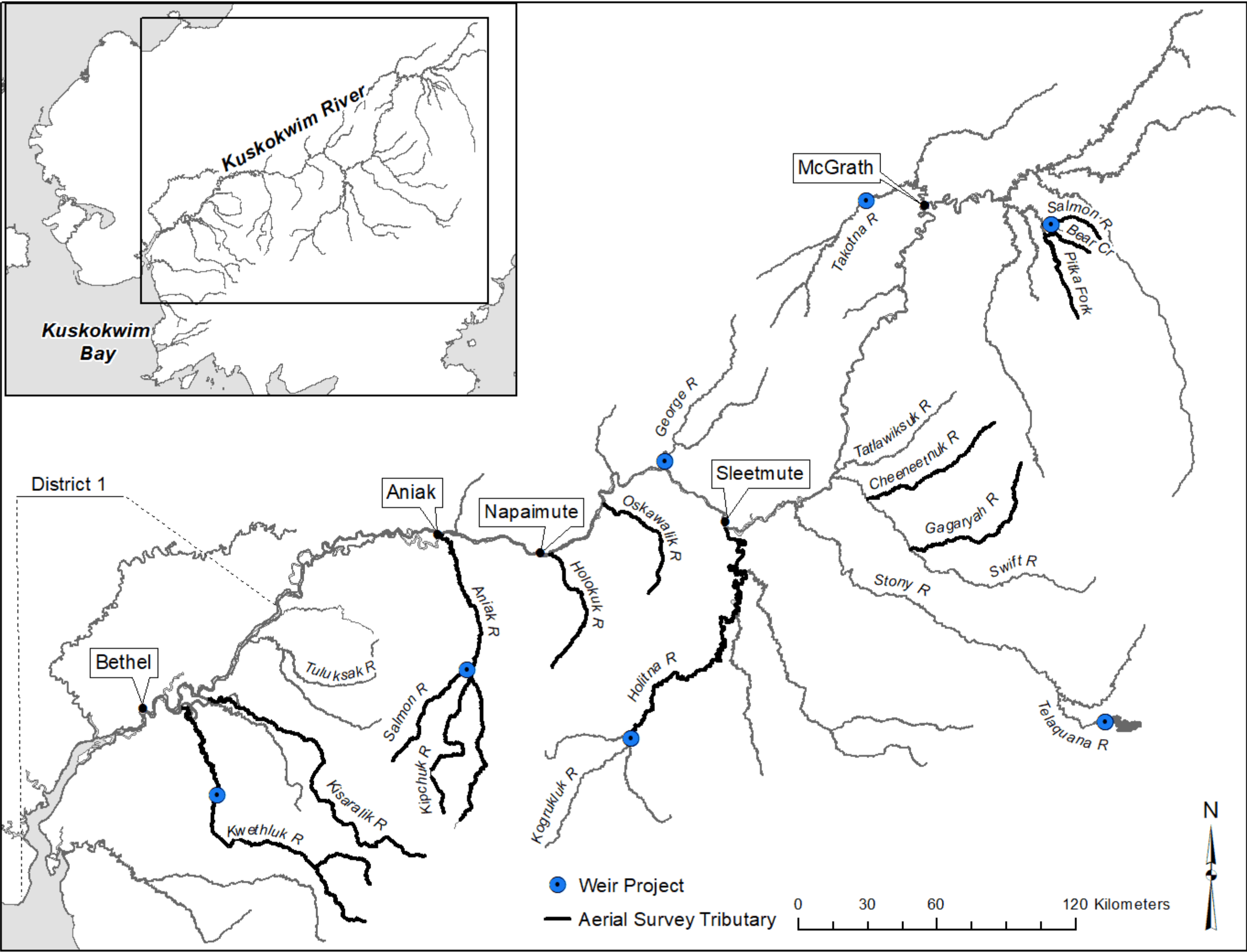
	Lowest Count	Average Count	5 Year Average
Season Total	3,480	23,117	19,048

Focused Two-Week Data View



Season Total Overview





Kuskokwim River In-season Harvest and Effort Estimates

8/5/2025 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)	23	66%
Other Villages (KRITFC)	12	34%
Total	35	100%

Of these interviews, **34** were from drift nets and **1** 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
10:55 AM	12:35 PM	1.67	22	0

Effort Estimates

- An estimated **39** drift boat trips occurred.
 - An estimated **17** trips started and ended when no flights occurred.
- An estimated **0** set net trips occurred.

Harvest Estimates

- An estimated total of **1,859 (1,061 – 2,775)** salmon were harvested.
 - An estimated total of **8 (0 – 20)** Chinook salmon were harvested.
 - An estimated total of **20 (3 – 43)** chum salmon were harvested.
 - An estimated total of **1,797 (1,016 – 2,687)** coho salmon were harvested.
 - An estimated total of **34 (1 – 94)** sockeye salmon were harvested.
- Harvest by set nets accounted for an estimated **0 (0 – 0)** total salmon (**0%** Chinook salmon, **0%** chum salmon, **0%** coho salmon, and **0%** sockeye salmon).

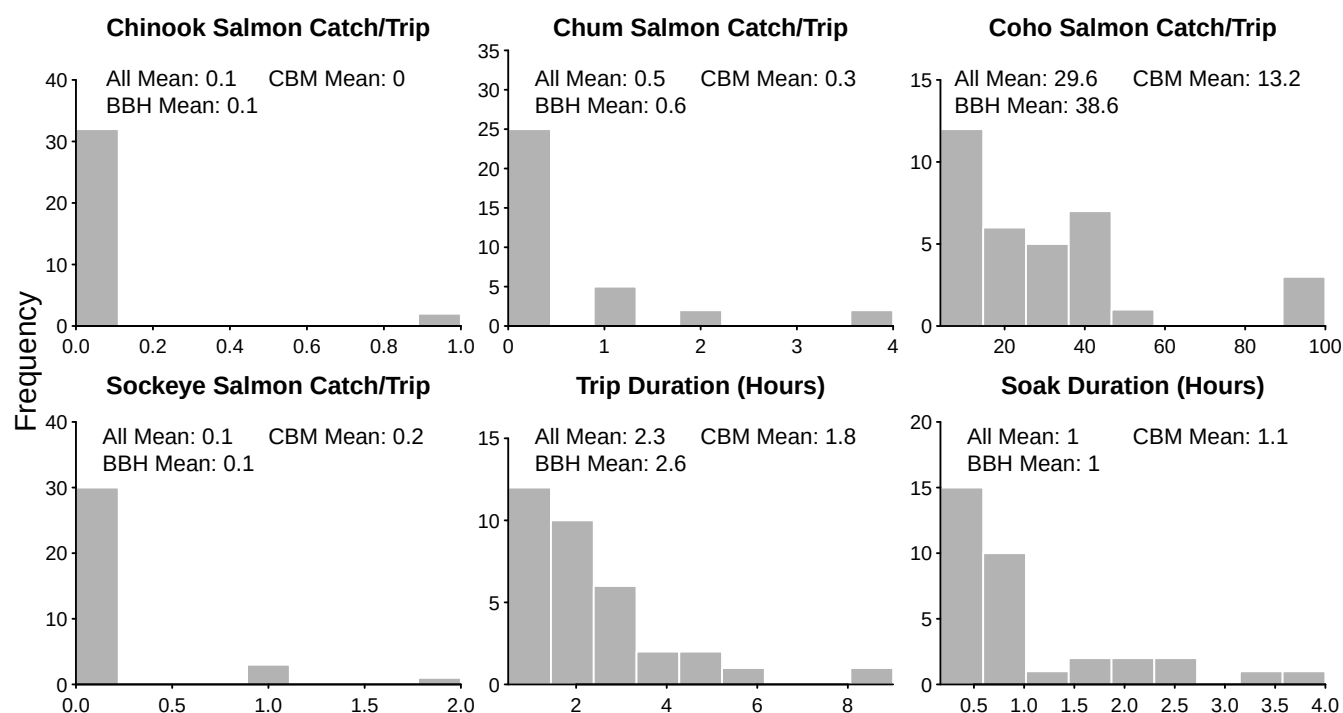
TABLE 3. Summaries by river stratum (area) for drift nets. Numbers in parentheses are 95% confidence intervals.

Stratum	Interviews	Effort Est.	Estimated Harvest				
			Chinook	Chum	Coho	Sockeye	Total
Tuntutuliak ↔ Johnson R.	0	3	0 (0 – 0)	2 (0 – 6)	123 (65 – 197)	1 (0 – 2)	125 (66 – 201)
Johnson R. ↔ Napaskiak	7	0	0 (0 – 0)	0 (0 – 0)	0 (0 – 0)	0 (0 – 0)	0 (0 – 0)
Napaskiak ↔ Akiachak	16	30	8 (0 – 20)	16 (0 – 39)	1,544 (759 – 2,422)	31 (0 – 92)	1,598 (784 – 2,523)
Akiachak ↔ Akiak	11	4	0 (0 – 0)	1 (0 – 2)	65 (41 – 89)	1 (0 – 3)	67 (45 – 90)
Akiak ↔ Bogus Cr.	0	2	0 (0 – 1)	1 (0 – 2)	67 (43 – 100)	1 (0 – 3)	69 (45 – 103)
Total	34	39	8 (0 – 20)	20 (3 – 43)	1,797 (1,016 – 2,687)	34 (1 – 94)	1,859 (1,061 – 2,775)

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	Coho	Sockeye
Downstream of Johnson R.	3	42 (22 – 67)	0% (0% – 0%)	2% (0% – 4%)	98% (95% – 100%)	<1% (0% – 2%)
Upstream of Johnson R.	36	48 (26 – 74)	<1% (0% – 2%)	1% (0% – 4%)	97% (94% – 99%)	2% (0% – 4%)

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).



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
Johnson R. ↔ Napaskiak	7	0	0	0	0	0
Napaskiak ↔ Akiachak	16	0	0	0	0	1
Akiachak ↔ Akiak	11	0	0	0	0	0
All	34	0	0	0	0	1

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
Johnson R. ↔ Napaskiak	6	0	0	0	0	0
Napaskiak ↔ Akiachak	12	0	0	0.3	0	2
Akiachak ↔ Akiak	10	0	0	0	0	0
All	28	0	0	0.1	0	2

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

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	7	0	0	1	0	4
Napaskiak ↔ Akiachak	16	0	0	1	1	4
Akiachak ↔ Akiak	11	0	0	0	0	1
All	34	0	0	0	1	4

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
Johnson R. ↔ Napaskiak	6	0	0	0.8	1	3.8
Napaskiak ↔ Akiachak	12	0	0	0.5	0.1	4
Akiachak ↔ Akiak	10	0	0	0.5	0	5
All	28	0	0	0.6	0	5

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

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	7	12	24	49	71	100
Napaskiak ↔ Akiachak	16	8	14	33	40	100
Akiachak ↔ Akiak	11	4	7	13	17	26
All	34	4	13	30	40	100

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

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	6	36	42	54.2	60	80
Napaskiak ↔ Akiachak	12	5.2	14.6	50.5	42	204
Akiachak ↔ Akiak	10	18.8	24.3	40.6	55.8	78
All	28	5.2	22.5	47.8	56.2	204

TABLE A7. Summary of drift net catch per trip of sockeye salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	7	0	0	0	0	1
Napaskiak ↔ Akiachak	16	0	0	0	0	2
Akiachak ↔ Akiak	11	0	0	0	0	1
All	34	0	0	0	0	2

TABLE A8. 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
Johnson R. ↔ Napaskiak	6	0	0	0.2	0	1.3
Napaskiak ↔ Akiachak	12	0	0	1	0	12
Akiachak ↔ Akiak	10	0	0	1	0	5
All	28	0	0	0.8	0	12

TABLE A9. Summary of drift net percent composition of Chinook salmon by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	7	0%	0%	0%	0%	0%
Napaskiak ↔ Akiachak	16	0%	0%	<1%	0%	4%
Akiachak ↔ Akiak	11	0%	0%	0%	0%	0%
All	34	0%	0%	<1%	0%	4%

TABLE A10. Summary of drift net trip duration by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	6	2	2.2	2.9	3.1	4.7
Napaskiak ↔ Akiachak	12	1	1.7	2.6	3.5	5.5
Akiachak ↔ Akiak	10	0.5	0.8	1.1	1.4	2.5
All	28	0.5	1	2.1	2.9	5.5

TABLE A11. Summary of drift net active fishing hours by fishing area.

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	6	0.3	0.5	0.7	0.9	1.3
Napaskiak ↔ Akiachak	12	0.2	0.5	1.1	1.6	2.5
Akiachak ↔ Akiak	10	0.5	0.5	0.9	0.9	2
All	28	0.2	0.5	1	1.1	2.5

Appendix B: Non-salmon Harvest Information

- An estimated total of **7 (1 – 16)** nonsalmon were harvested.
 - An estimated total of **4 (0 – 13)** sheefish were harvested.
 - An estimated total of **3 (1 – 7)** 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.	0	3	0 (0 – 0)	0 (0 – 0)	0 (0 – 0)
Johnson R. ↔ Napaskiak	7	0	0 (0 – 0)	0 (0 – 0)	0 (0 – 0)
Napaskiak ↔ Akiachak	16	30	4 (0 – 13)	0 (0 – 0)	4 (0 – 13)
Akiachak ↔ Akiak	11	4	0 (0 – 0)	2 (0 – 5)	2 (0 – 5)
Akiak ↔ Bogus Cr.	0	2	0 (0 – 0)	1 (0 – 2)	1 (0 – 2)
Total	34	39	4 (0 – 13)	3 (1 – 7)	7 (1 – 16)

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

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	7	0	0	0	0	0
Napaskiak ↔ Akiachak	16	0	0	0	0	2
Akiachak ↔ Akiak	11	0	0	0	0	0
All	34	0	0	0	0	2

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

Area	N	Min	25%	Mean	75%	Max
Johnson R. ↔ Napaskiak	7	0	0	0	0	0
Napaskiak ↔ Akiachak	16	0	0	0	0	0
Akiachak ↔ Akiak	11	0	0	0	0	2
All	34	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
7/7/2025	36 h	S	15S	44	120	159	0	323
7/8/2025	36 h (c.)	S	-	-	-	-	-	-
7/12/2025	12 h	D/S	55D/10S	145	644	1,774	19	2,582
7/13-27/2025	Continuous	S	-	-	-	-	-	-
7/19/2025	12 h	D/S	16D/7S	21	292	182	91	585
7/27/2025	113 h	D/S	-	-	-	-	-	-
7/28/2025	113 h (c.)	D/S	-	-	-	-	-	-
7/29/2025	113 h (c.)	D/S	-	-	-	-	-	-
7/30/2025	113 h (c.)	D/S	-	-	-	-	-	-
7/31/2025	113 h (c.)	D/S	-	-	-	-	-	-
8/5/2025	12 h	D/S	39D/0S	8	20	34	1,797	1,859
2025 CUMULATIVES (up to 8/6/25)				34,411	21,571	32,506	1,907	90,395

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