

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: 08/10/2022

Time: 10:00 a.m.–12:00 p.m.

Place: ADF&G Office, Bethel, AK

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

Member at Large 1:
Member at Large 2:
Sport Fisher:
Western Interior RAC:
Y-K Delta RAC:
KRITFC:
ADF&G:

INTRODUCTIONS:

INVOCATION:

APPROVAL OF MINUTES: *Optional. ADF&G does not prepare official meeting minutes.*

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

USFWS/KRITFC UPDATE:

ADF&G MANAGEMENT ACTIONS UNDER CONSIDERATION:

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

CONTINUING BUSINESS:

- Subsistence Reports: Lowest River, ONC Inseason Subsistence Report, Lower River, Middle River, Upper River, Headwaters
- Overview of Kuskokwim River salmon run assessment:
 - a. Test Fisheries (Bethel and Aniak):
 - b. Sonar/Weirs/Aerial Surveys/Other:
 - c. Subsistence Division Project Update:
 - d. NVN Report:
- Working Group KRITFC Representative Report:
- Commercial Catch Report: N/A
- Processor Report: N/A
- Sport Fish Report:
- Intercept Fishery Report: *optional*
- Weather Forecast:
- Discussion of ADF&G Management considerations and discussion of possible alternatives (recommendations from the Working Group):
- Motion for Discussion and Action:

OLD BUSINESS:

NEW BUSINESS:

COMMENTS FROM WORKING GROUP MEMBERS:

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

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,
Savannah Hollingworth
Working Group Coordinator

August 10, 2022 ADF&G management actions under consideration:

At this point, my recommendation is to leave the subsistence fishery open. Coho salmon passage started off slow and has just recently begin to build at the BTF and Sonar. The run is coming in below average. Assessment is currently between recent years where the KOG goal was achieved and not met. Come Monday August 15, if assessment does not improve, I will be looking to close the Kuskokwim River and tributaries to all gear types between August 16-September 30, or until escapement goals are projected to be achieved. I want to see a cumulative coho CPUE at BTF of 1,000 or greater next Monday to leave the subsistence fishery open.

Kuskokwim River Salmon Assessment Update

8/8/2022



This document presents the key assessment information considered by managers in-season. The production of this document is a collaborative effort between USFWS and 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 Spencer Rearden (USFWS; spencer_rearden@fws.gov) or Sean Larson (ADF&G; sean.larson@alaska.gov). Major credit for the development of this data packet belongs to Benjamin Staton.

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Abbreviations:

- BTF: Bethel Test Fishery
- 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
- ONC: Orutsaramiut 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>

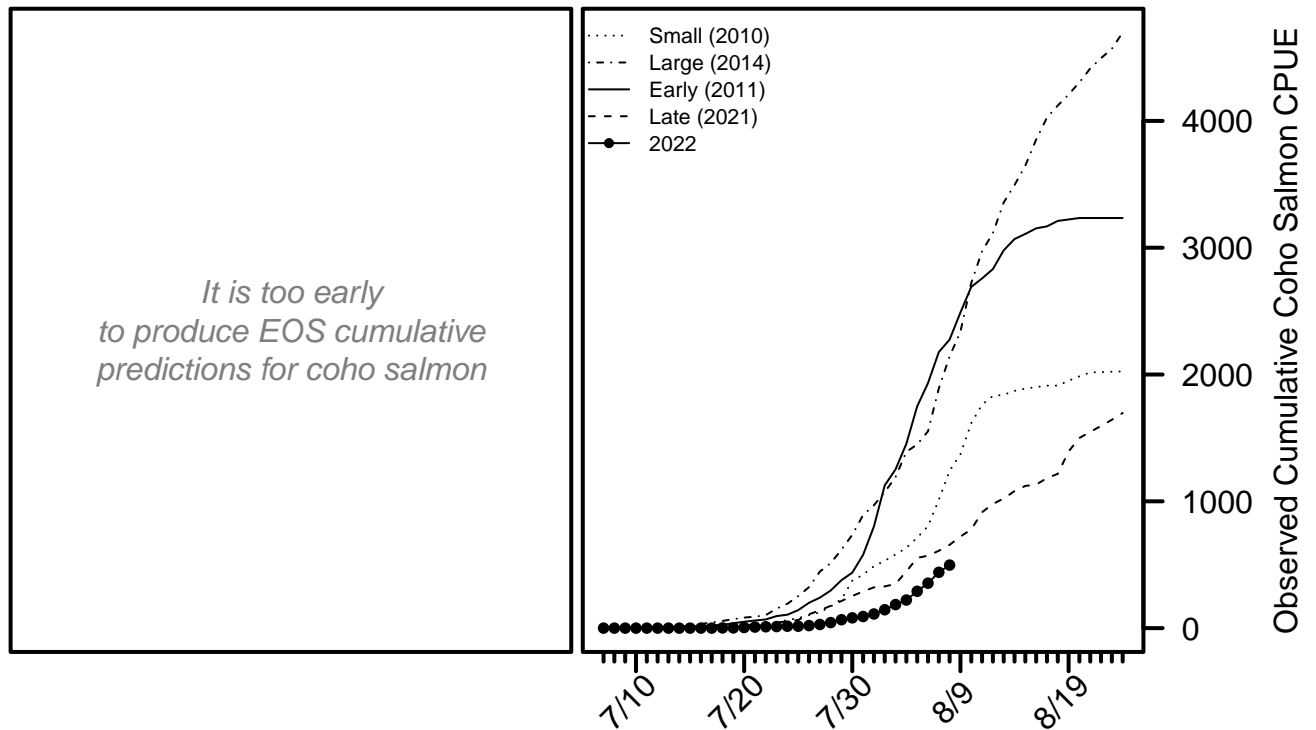
For the most up-to-date information regarding fishing opportunities please visit:

- 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 BTF Summary (8/8)

- The BTF daily CPUE was **57**.
- The BTF cumulative CPUE is now **497**.
- **7%** years since 2008 fell below this cumulative CPUE on this date.
- **49%** of the run is complete based on historical average run timing.
- **37% - 61%** of the run is complete based the central 50% of all historical run timing scenarios.
- **21% - 25%** of the run is expected to pass Bethel in the next 5 days.
- Over the last 3 days, coho salmon made up **86%** of the BTF catches, compared to **93%** on average.

Coho Salmon Figure 1. *Left:* will show predicted cumulative EOS BTF CPUE according to various run timing scenarios when enough data have been collected. *Right:* The cumulative BTF CPUE from 2022 plotted along with four previous years intended to represent a range of early/late and small/large index values.

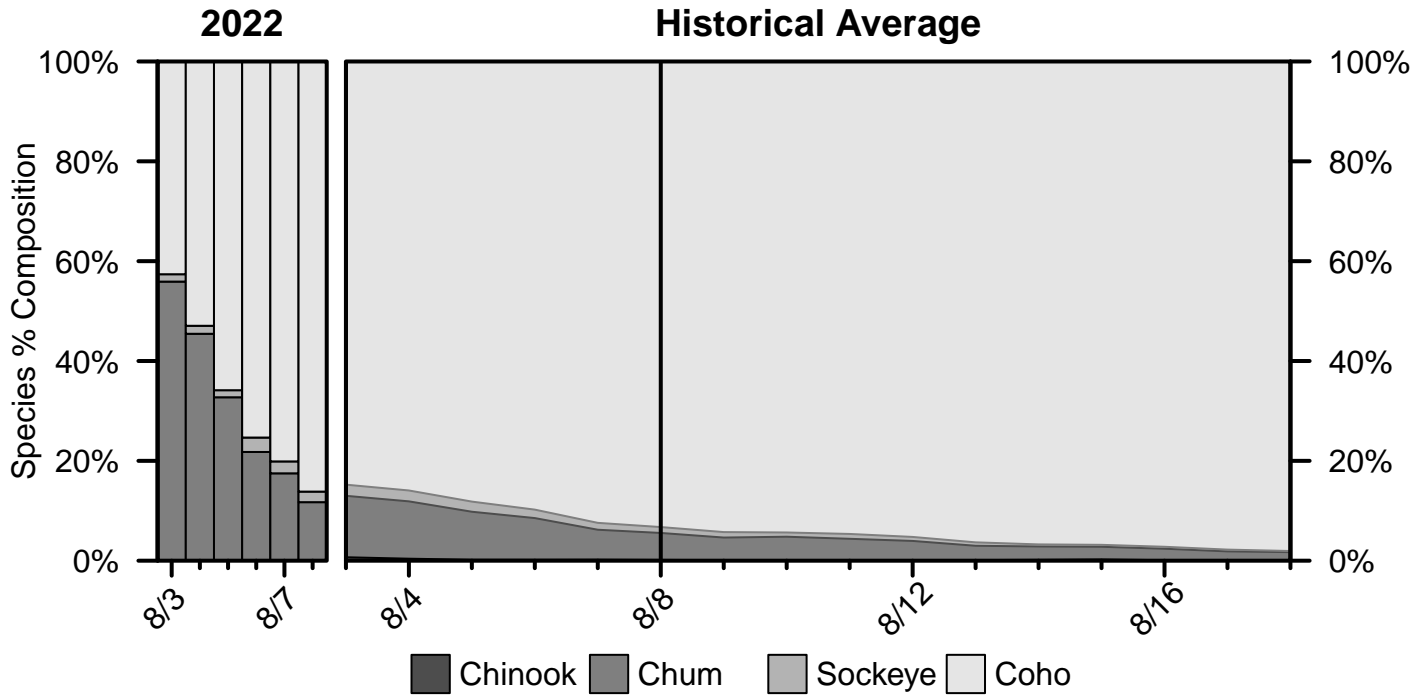


For more detailed information, see the [coho salmon appendix](#) at the end of this document.

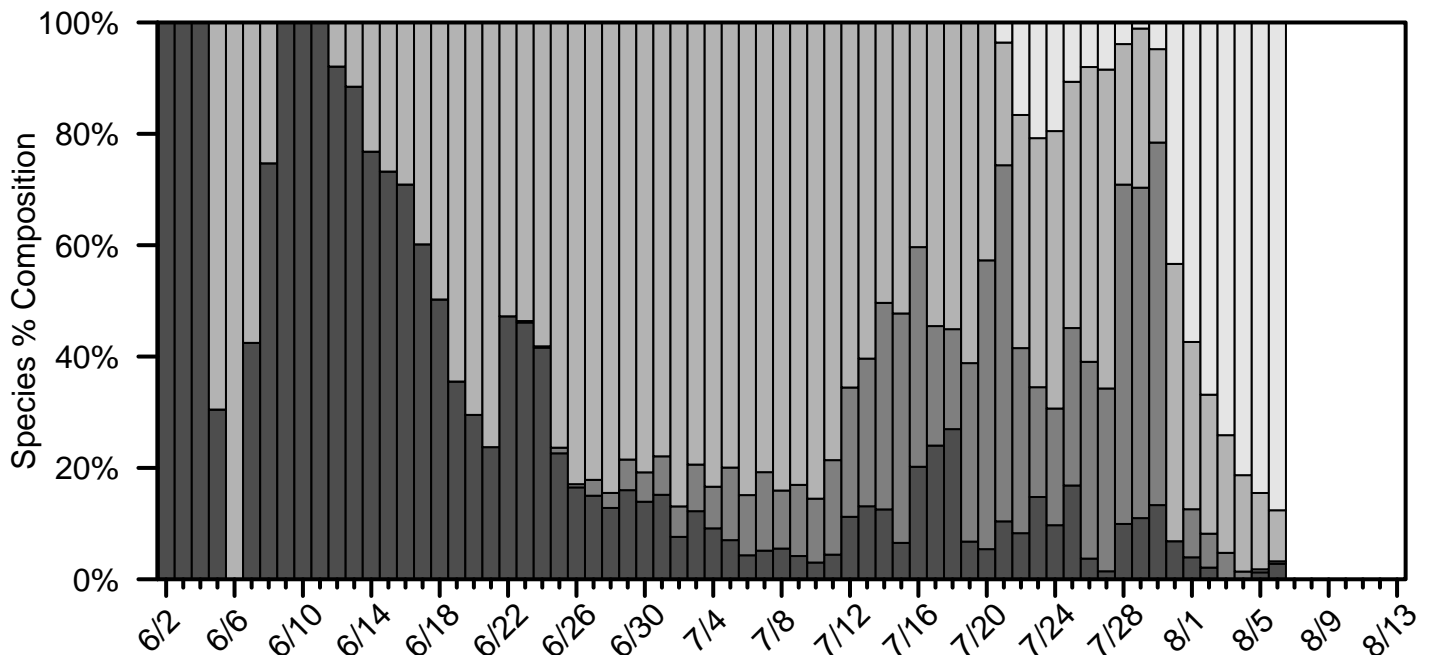
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Percent Composition by Salmon Species

Percent Composition Figure 1. Species percent composition in the BTF from 2022 and based on the historical average. The composition presented on each day represents the average composition over the past 2 days.



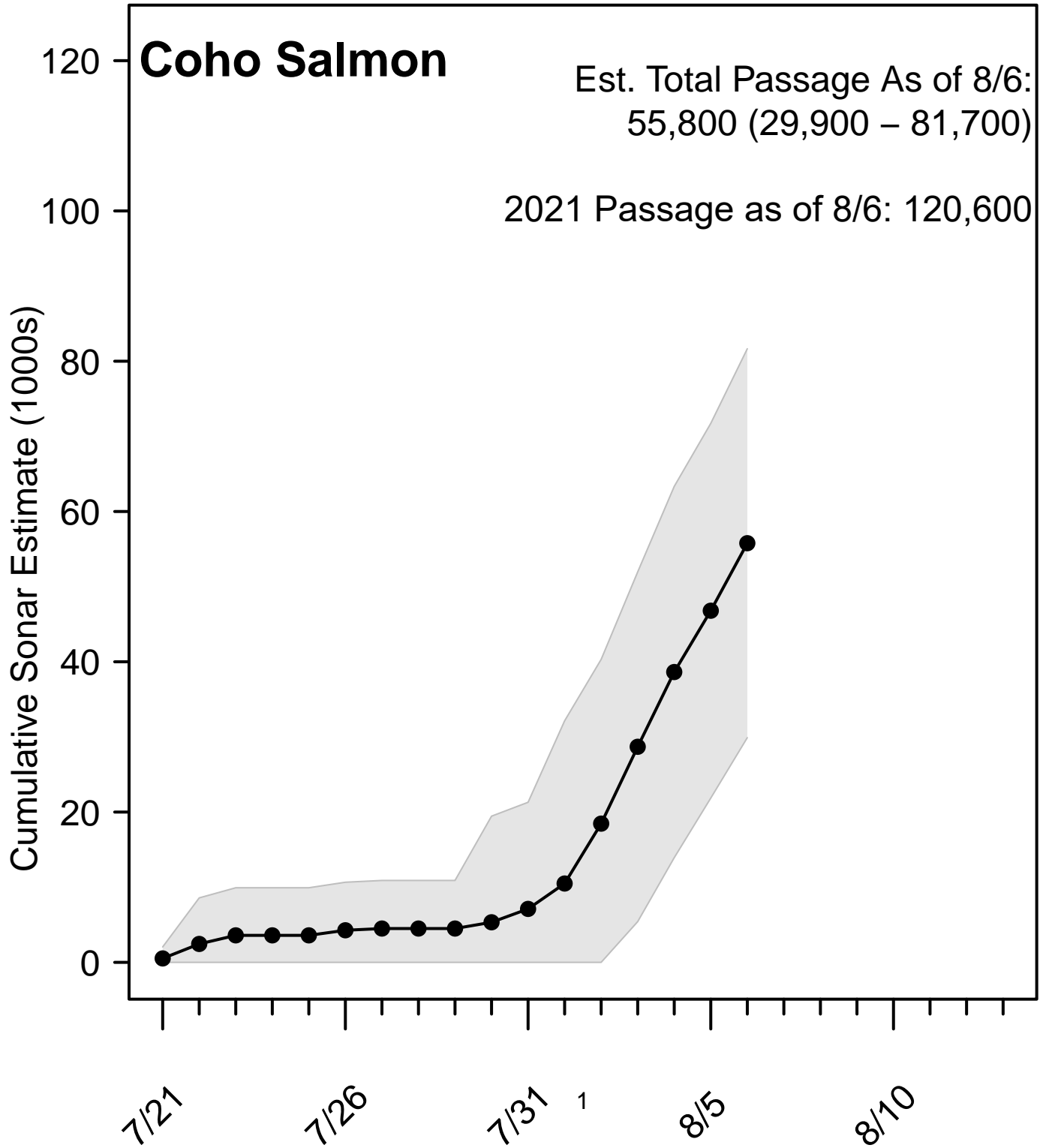
Species Composition Figure 2. Species percent composition from the sonar estimates from 2022 (salmon species only, excluding pink salmon). The composition presented on each day represents the average composition over the past 3 days.



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Sonar Passage Estimates

Sonar Figure 1. Cumulative estimates of salmon passage from the 2022 sonar operation through the last complete reporting day. Grey bands show the 95% confidence intervals on each complete reporting day.



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Chinook, Chum, and Sockeye Salmon Summaries

Chinook Salmon Summary

*** The BTF daily CPUE was **0** (cumulative: **502**).

*** The table below shows cumulative CPUE from the BTF from 2022 and in previous years.

Date	2022	2021	2020	2019	2018	5-Yr Avg.	2008 - 2021 Avg.
8/5	502	532	487	848	663	580	564
8/6	502	532	487	848	663	580	565
8/7	502	532	487	848	663	580	565
8/8	502	532	487	848	663	580	565
EOS		532	487	848	667	582	566

*** If the run ended on 8/8, 50% of the run would have passed BTF on **6/24**, which is **1 day later** than average.

*** The ATF ended operations on 7/12 with an EOS cumulative CPUE value of 1,277 for Chinook salmon, which was below the 2015-2021 average EOS cumulative CPUE of 2,609.

*** The cumulative Chinook salmon passage (95% CI) at the sonar, as of **8/6**, is **144,600 (114,600 - 174,600)** fish.

Chum Salmon Summary

*** The BTF daily CPUE was **5** (cumulative: **2,100**).

*** The table below shows cumulative CPUE from the BTF from 2022 and in previous years.

Date	2022	2021	2020	2019	2018	5-Yr Avg.	2008 - 2021 Avg.
8/5	2,072	323	1,399	6,075	8,135	4,522	5,742
8/6	2,082	325	1,406	6,112	8,140	4,535	5,755
8/7	2,095	325	1,414	6,150	8,149	4,548	5,767
8/8	2,100	325	1,421	6,157	8,158	4,558	5,775
EOS		327	1,442	6,427	8,212	4,639	5,832

*** If the run ended on 8/8, 50% of the run would have passed BTF on **7/16**, which is **10 days later** than average.

*** The ATF ended operations on 7/12 with an EOS cumulative CPUE value of 940 for chum salmon, which was below the 2015-2021 average EOS cumulative CPUE of 5,134.

*** The cumulative chum salmon passage (95% CI) at the sonar, as of **8/6**, is **100,100 (72,100 - 128,100)** fish.

Sockeye Salmon Summary

*** The BTF daily CPUE was **0** (cumulative: **1,367**).

*** The table below shows cumulative CPUE from the BTF from 2022 and in previous years.

Date	2022	2021	2020	2019	2018	5-Yr Avg.	2008 - 2021 Avg.
8/5	1,362	1,675	1,042	2,629	2,227	2,045	1,749
8/6	1,365	1,675	1,044	2,649	2,236	2,053	1,753
8/7	1,367	1,677	1,047	2,663	2,250	2,061	1,756
8/8	1,367	1,677	1,049	2,664	2,253	2,063	1,758
EOS		1,694	1,060	2,685	2,275	2,080	1,773

*** If the run ended on 8/8, 50% of the run would have passed BTF on **6/30**, which is average.

*** The ATF ended operations on 7/12 with an EOS cumulative CPUE value of 129 for sockeye salmon, which was below the 2017-2020 average EOS cumulative CPUE of 159.

*** The cumulative sockeye salmon passage (95% CI) at the sonar, as of **8/6**, is **599,500 (544,000 - 655,100)** fish.

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Coho Salmon Summary

Coho Salmon Table A1. Cumulative CPUE from the BTF.

Date	2022	2021	2020	2019	2018	5-Yr Avg.	2008 - 2021 Avg.
8/5	291	554	358	474	290	480	1,046
8/6	354	571	388	542	343	533	1,152
8/7	440	610	463	643	389	611	1,298
8/8	497	657	595	663	430	683	1,412
8/9		722	706	712	456	752	1,533
8/10		778	826	756	506	827	1,667
8/11		914	862	794	552	903	1,779
EOS		1,696	1,822	1,801	901	1,893	2,923

Coho Salmon Table A2. Percent of run complete according to various historical run timing scenarios from the BTF.

Timing	Midpoint	8/8 Cumulative %
Earliest	7/29	81%
Early 10%	8/4	72%
Early 25%	8/6	62%
Median	8/8	49%
Late 25%	8/11	37%
Late 10%	8/13	27%
Latest	8/15	18%

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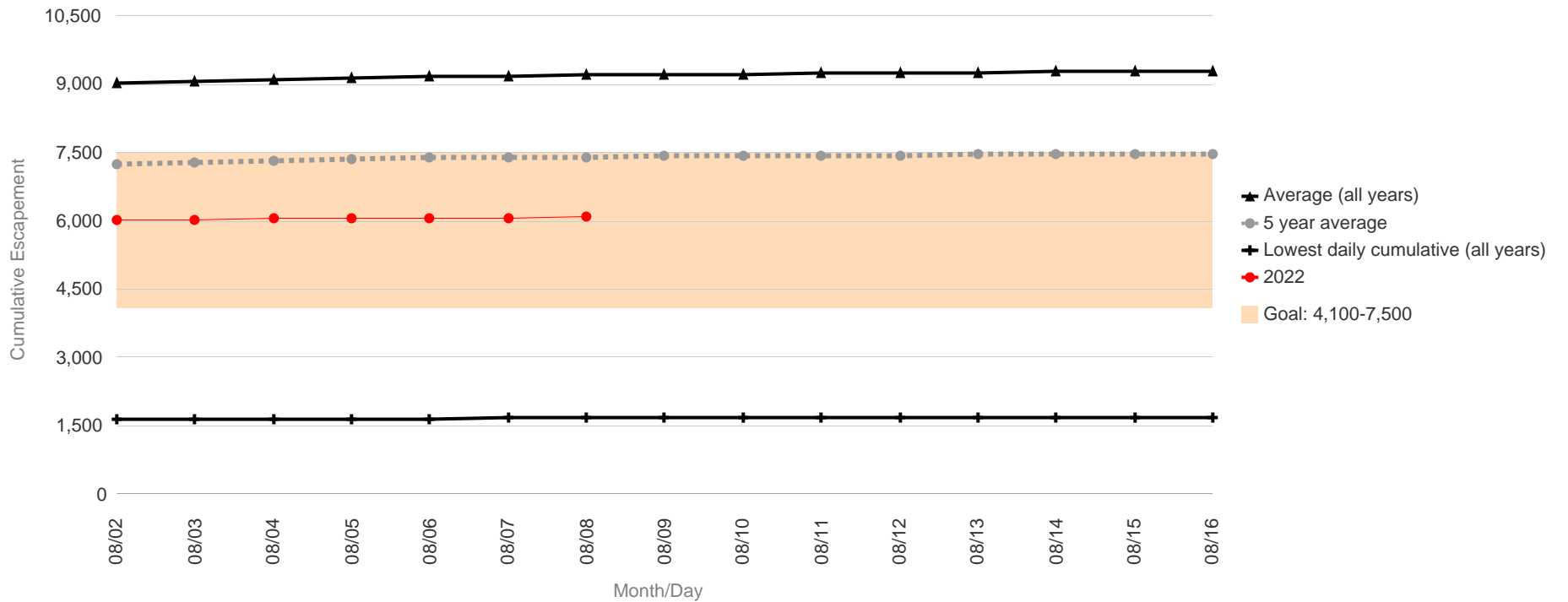
Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

Escapement Goal Range: 4,100 to 7,500

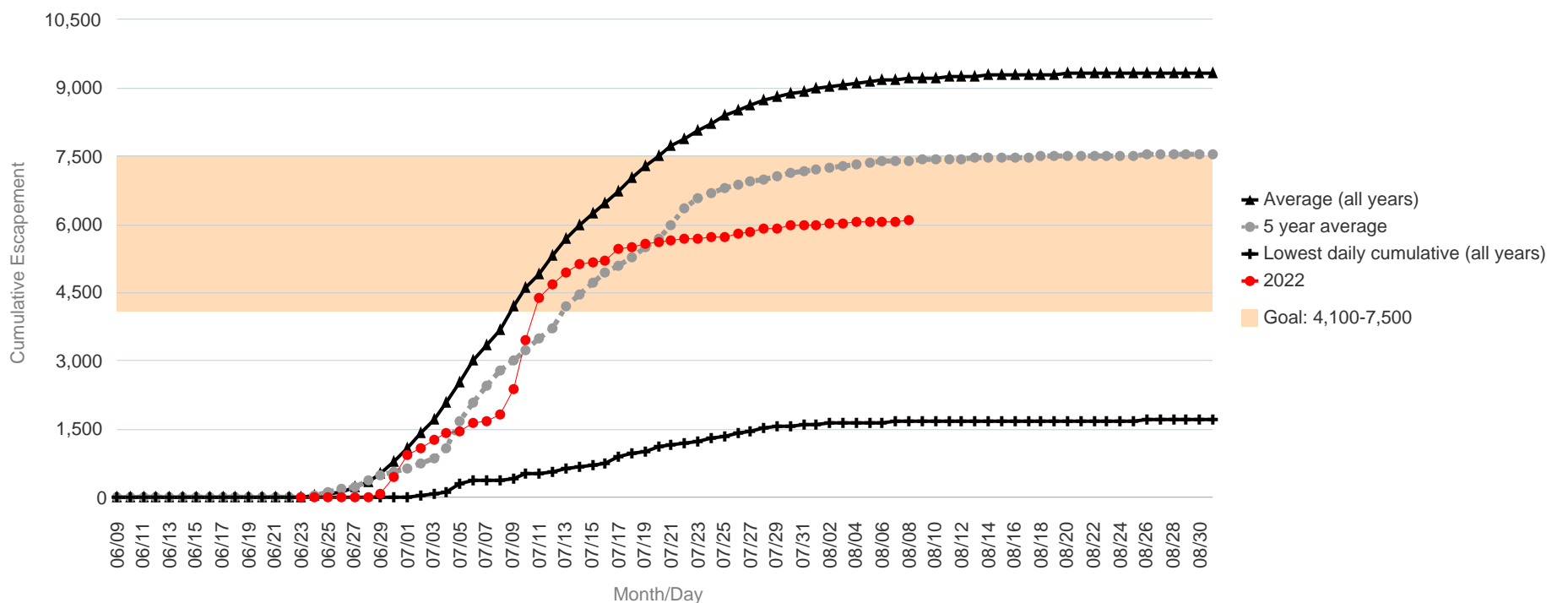
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	1,629	9,041	7,241	6,019
08/03	1,644	9,081	7,277	6,028
08/04	1,647	9,114	7,315	6,042
08/05	1,650	9,143	7,355	6,050
08/06	1,657	9,171	7,381	6,062
08/07	1,666	9,193	7,400	6,077
08/08	1,672	9,209	7,415	6,081
08/09	1,674	9,221	7,424	
08/10	1,675	9,231	7,430	
08/11	1,676	9,241	7,439	
08/12	1,679	9,251	7,446	
08/13	1,680	9,269	7,457	
08/14	1,680	9,280	7,464	
08/15	1,681	9,286	7,470	
08/16	1,683	9,291	7,477	

	Lowest Count	Average Count	5 Year Average
Season Total	1,716	9,334	7,540

Focused Two-Week Data View



Season Total Overview

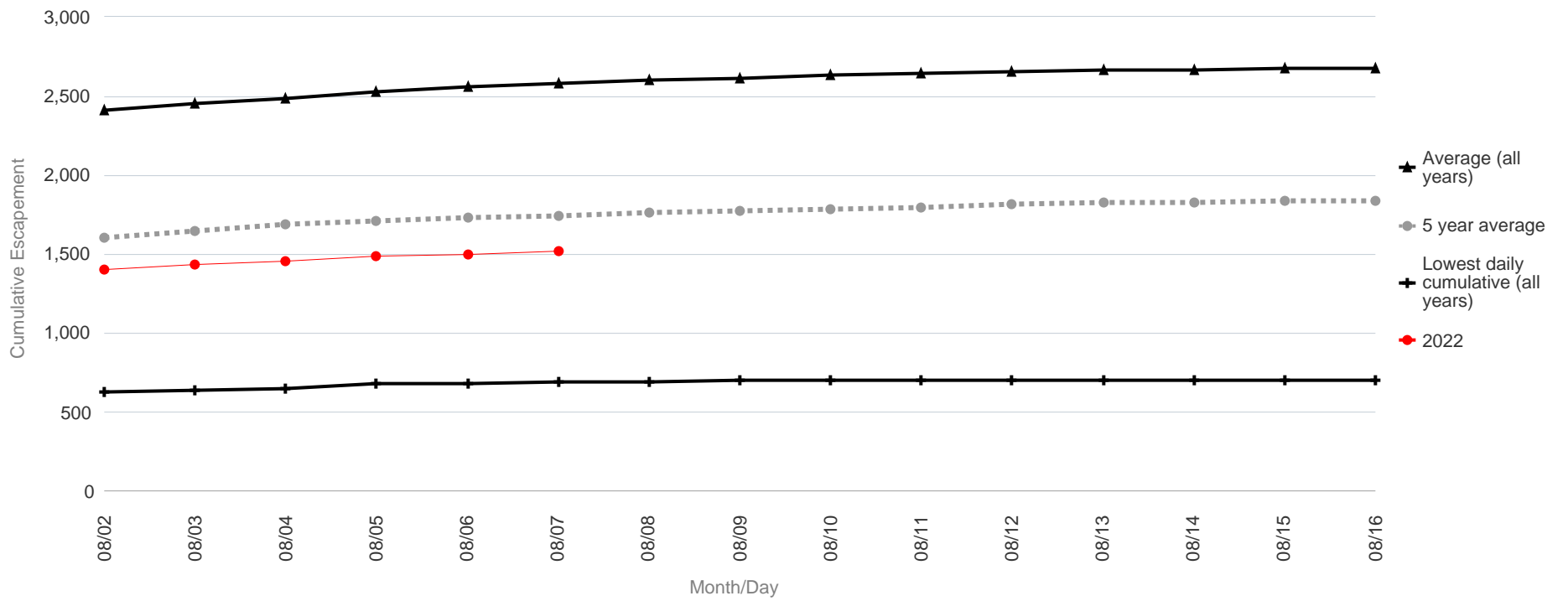


Salmon River (Aniak) Salmon Monitoring Project Passage of Chinook Salmon

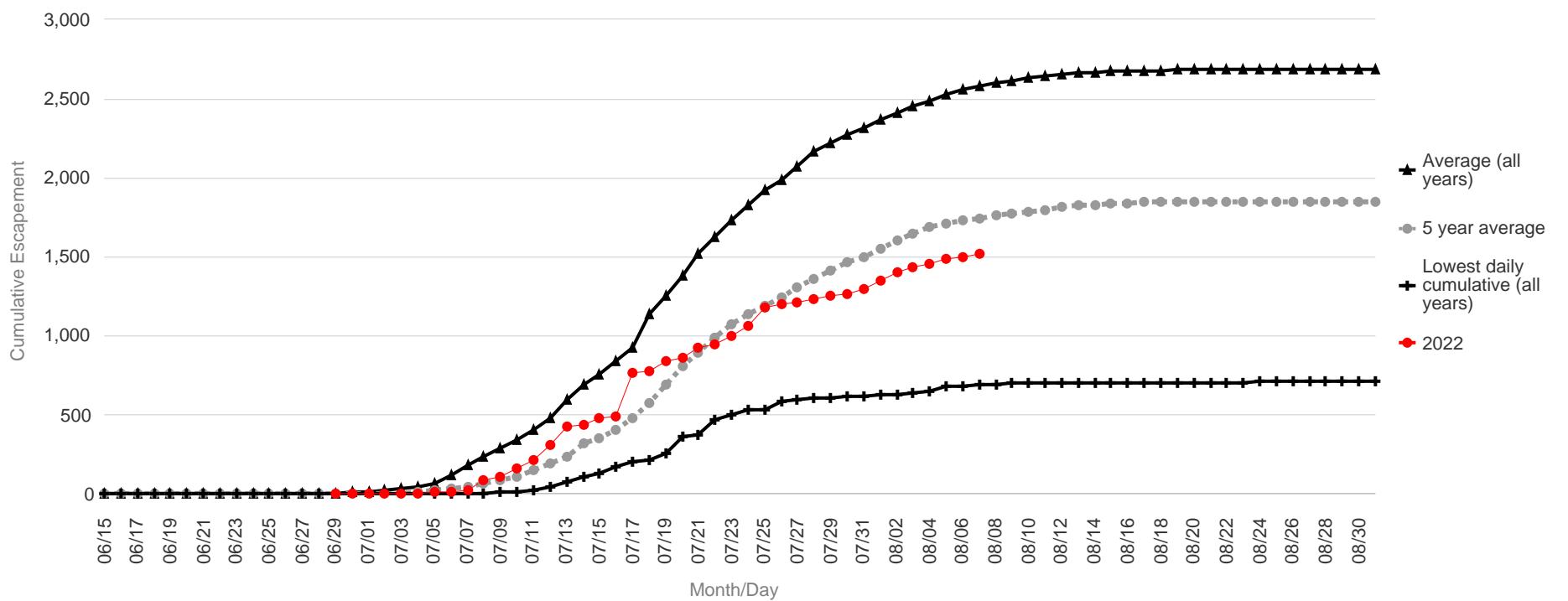
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	631	2,408	1,600	1,407
08/03	636	2,454	1,647	1,438
08/04	651	2,488	1,685	1,460
08/05	677	2,531	1,706	1,483
08/06	680	2,560	1,730	1,500
08/07	689	2,581	1,747	1,515
08/08	696	2,605	1,764	
08/09	698	2,617	1,777	
08/10	698	2,631	1,786	
08/11	702	2,642	1,800	
08/12	703	2,653	1,815	
08/13	704	2,663	1,826	
08/14	705	2,668	1,831	
08/15	706	2,673	1,837	
08/16	706	2,676	1,841	

	Lowest Count	Average Count	5 Year Average
Season Total	711	2,686	1,849

Focused Two-Week Data View



Season Total Overview



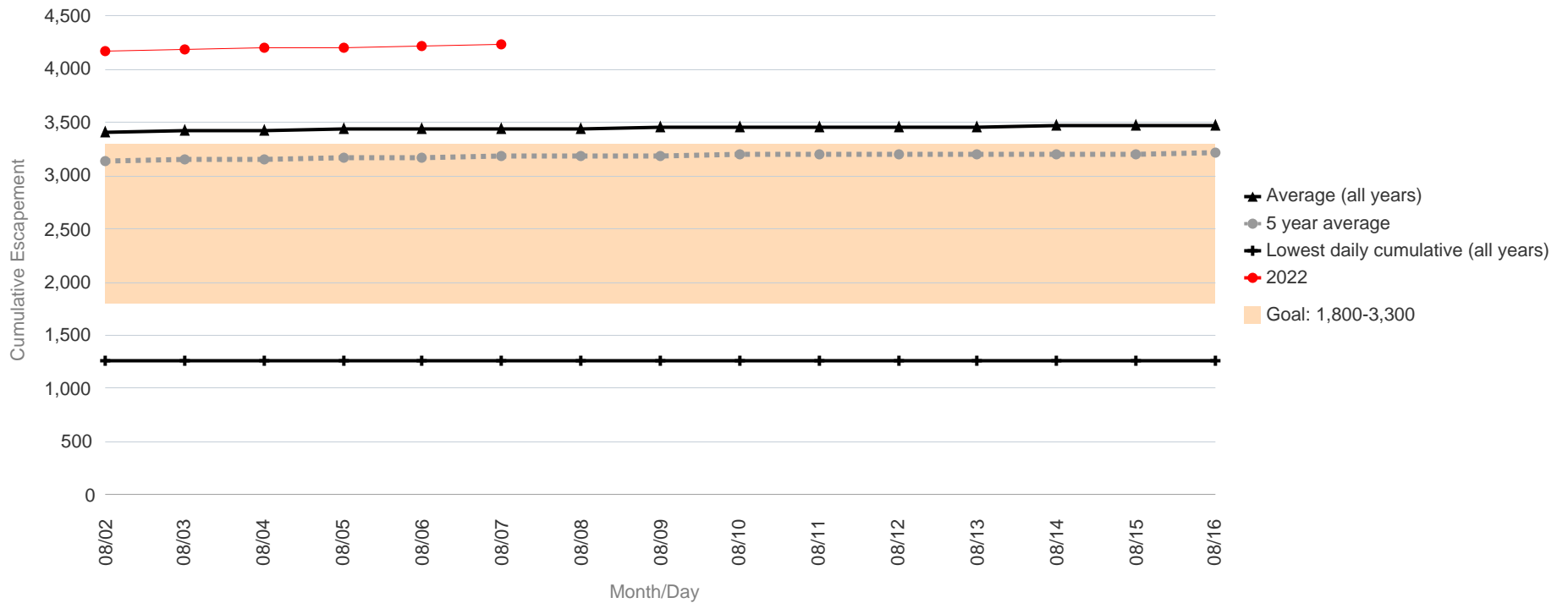
George River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

Escapement Goal Range: 1,800 to 3,300

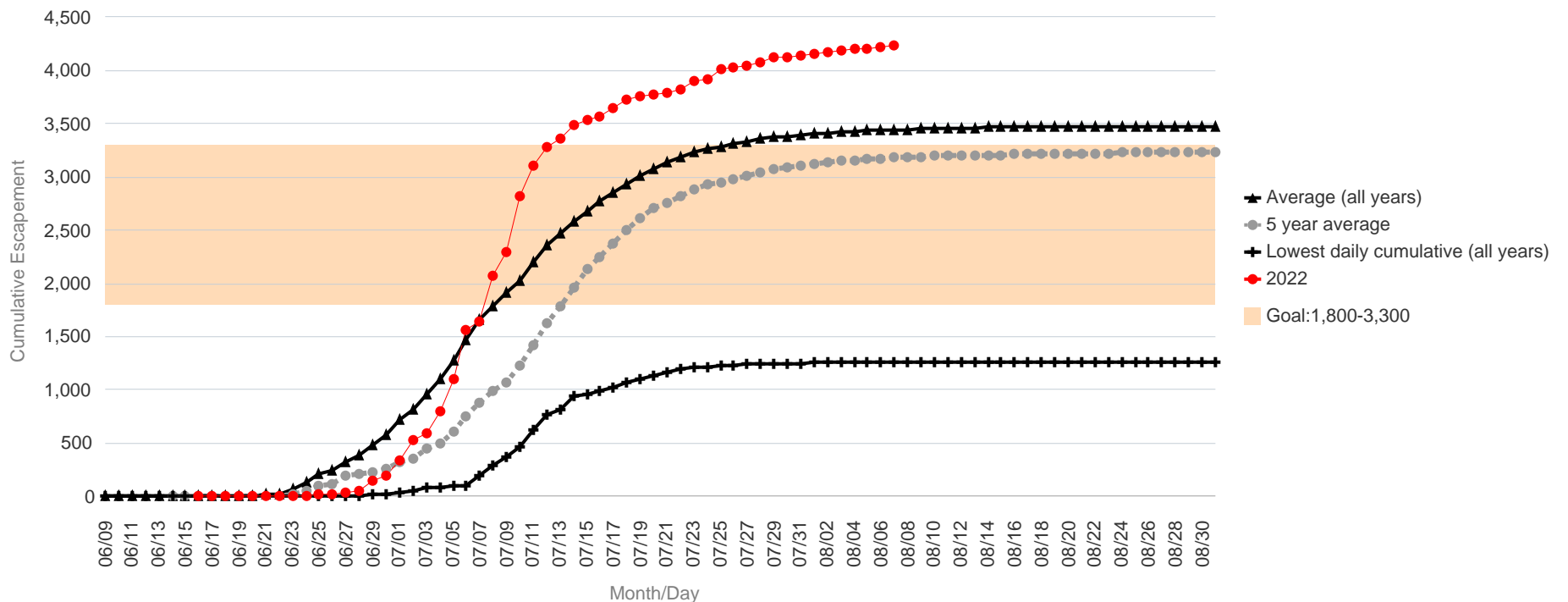
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	1,255	3,415	3,140	4,173
08/03	1,258	3,423	3,152	4,188
08/04	1,258	3,428	3,160	4,202
08/05	1,258	3,435	3,168	4,212
08/06	1,258	3,439	3,175	4,228
08/07	1,259	3,444	3,181	4,235
08/08	1,259	3,448	3,186	
08/09	1,260	3,451	3,191	
08/10	1,260	3,454	3,194	
08/11	1,261	3,458	3,198	
08/12	1,263	3,460	3,200	
08/13	1,263	3,462	3,202	
08/14	1,263	3,465	3,205	
08/15	1,263	3,467	3,208	
08/16	1,263	3,469	3,211	

	Lowest Count	Average Count	5 Year Average
Season Total	1,267	3,480	3,231

Focused Two-Week Data View



Season Total Overview



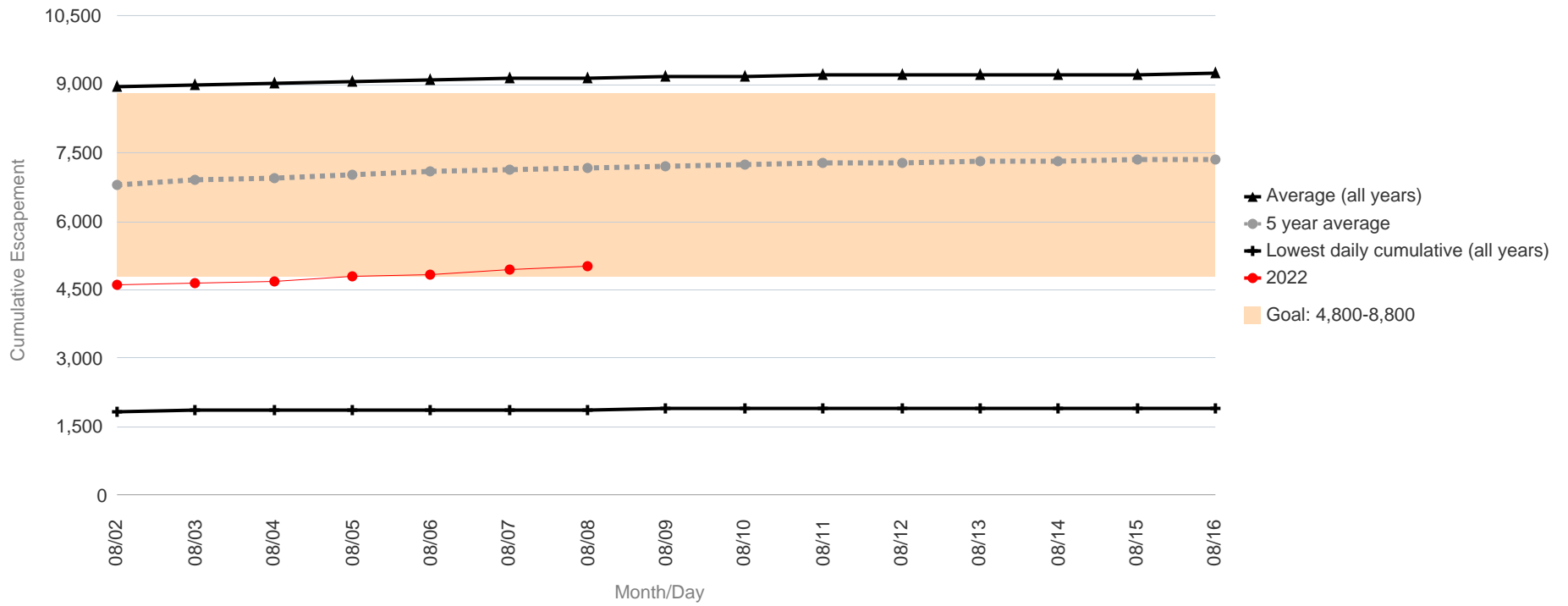
Kogrukluk River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

Escapement Goal Range: 4,800 to 8,800

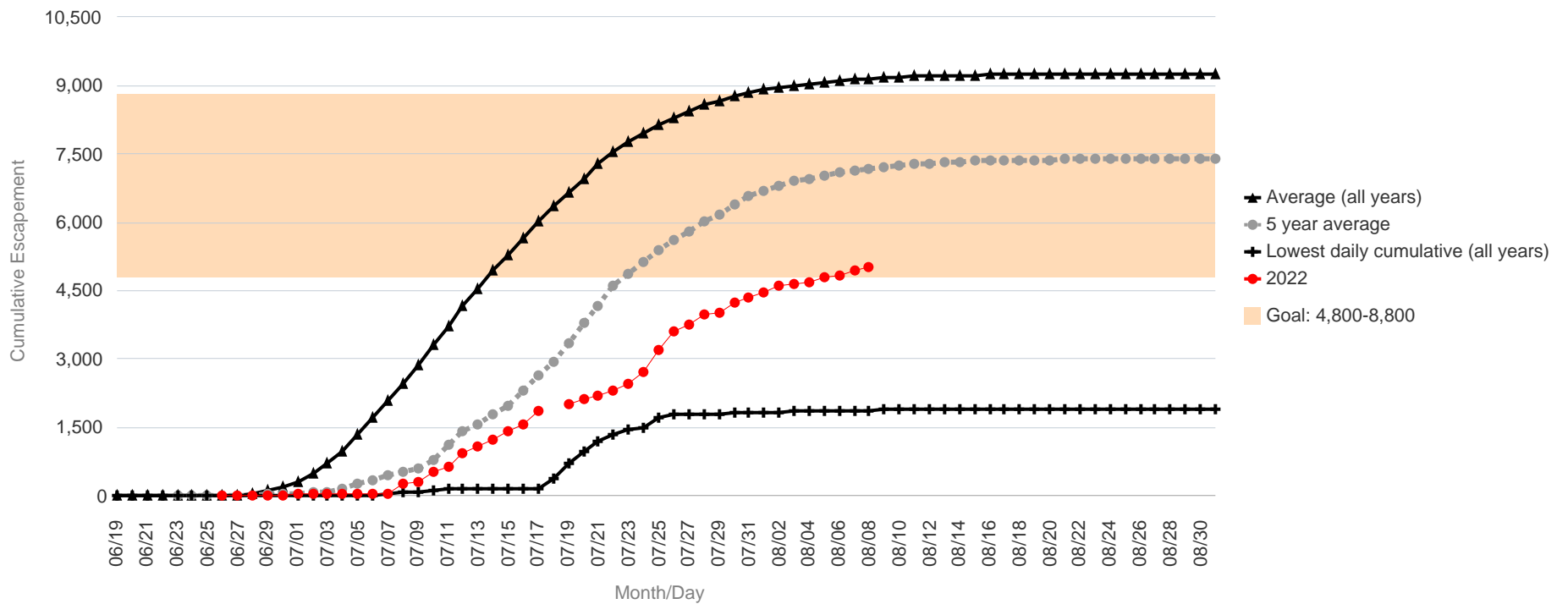
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	1,838	8,960	6,787	4,604
08/03	1,848	9,010	6,896	4,644
08/04	1,859	9,047	6,963	4,674
08/05	1,861	9,083	7,040	4,788
08/06	1,869	9,111	7,096	4,848
08/07	1,876	9,133	7,141	4,947
08/08	1,882	9,154	7,187	5,026
08/09	1,887	9,171	7,229	
08/10	1,892	9,186	7,255	
08/11	1,896	9,199	7,283	
08/12	1,899	9,209	7,303	
08/13	1,902	9,219	7,323	
08/14	1,904	9,226	7,338	
08/15	1,906	9,232	7,348	
08/16	1,908	9,237	7,357	

	Lowest Count	Average Count	5 Year Average
Season Total	1,919	9,270	7,401

Focused Two-Week Data View



Season Total Overview

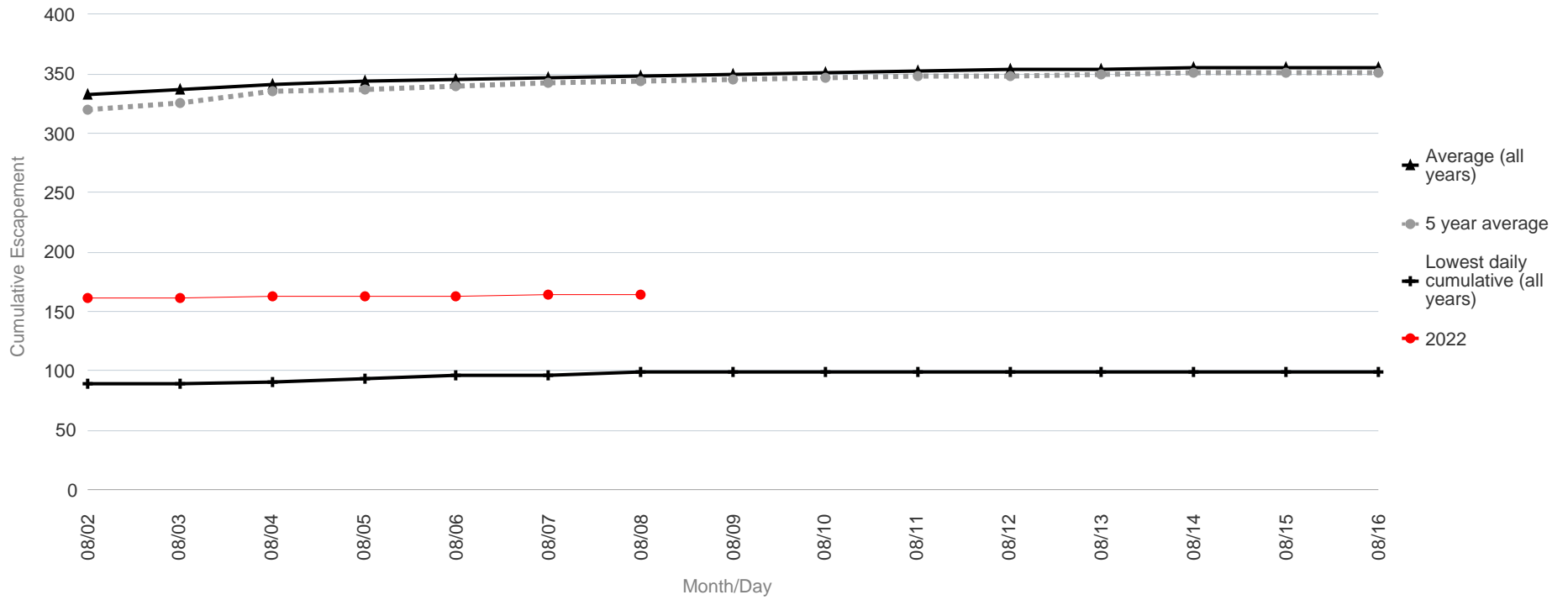


Takotna River Salmon Monitoring Project Passage of Chinook Salmon

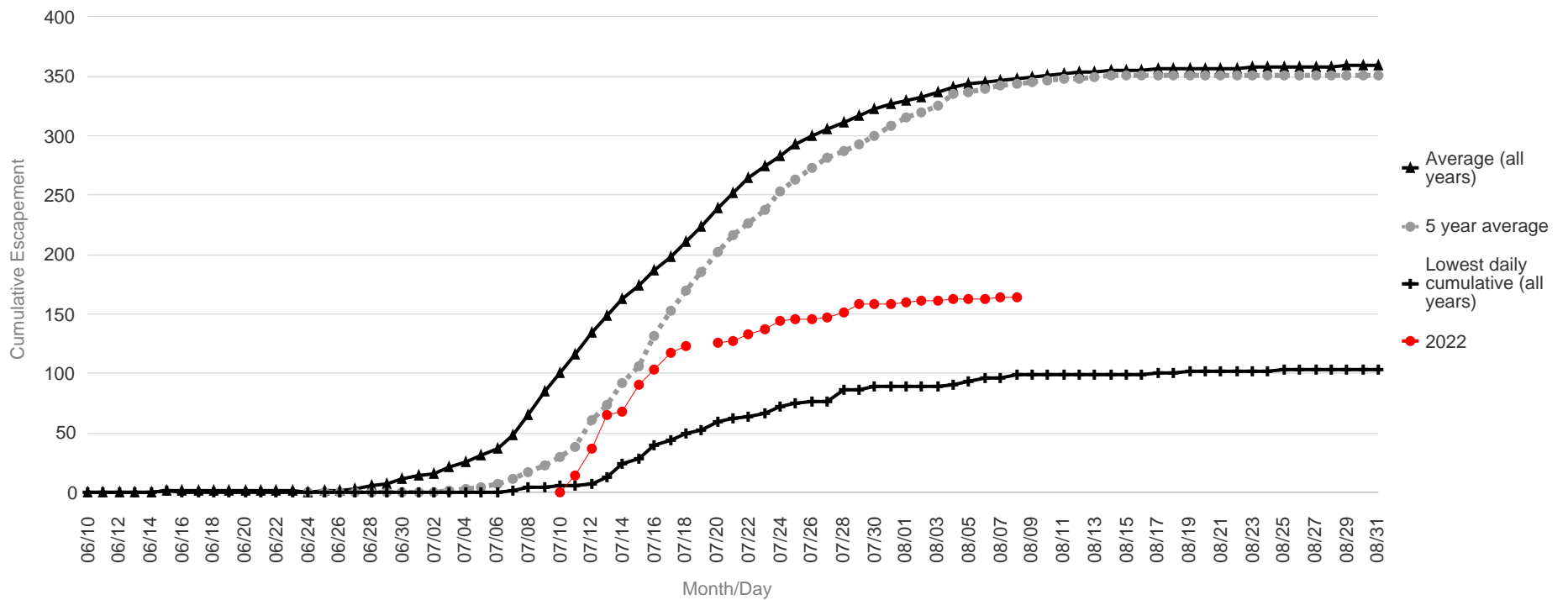
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	89	333	320	162
08/03	89	336	326	162
08/04	91	341	335	163
08/05	93	344	337	163
08/06	96	345	340	163
08/07	96	347	342	165
08/08	99	349	344	165
08/09	99	350	345	
08/10	99	352	347	
08/11	99	353	348	
08/12	99	354	349	
08/13	99	355	350	
08/14	99	355	351	
08/15	99	356	351	
08/16	99	356	351	

	Lowest Count	Average Count	5 Year Average
Season Total	104	360	351

Focused Two-Week Data View



Season Total Overview

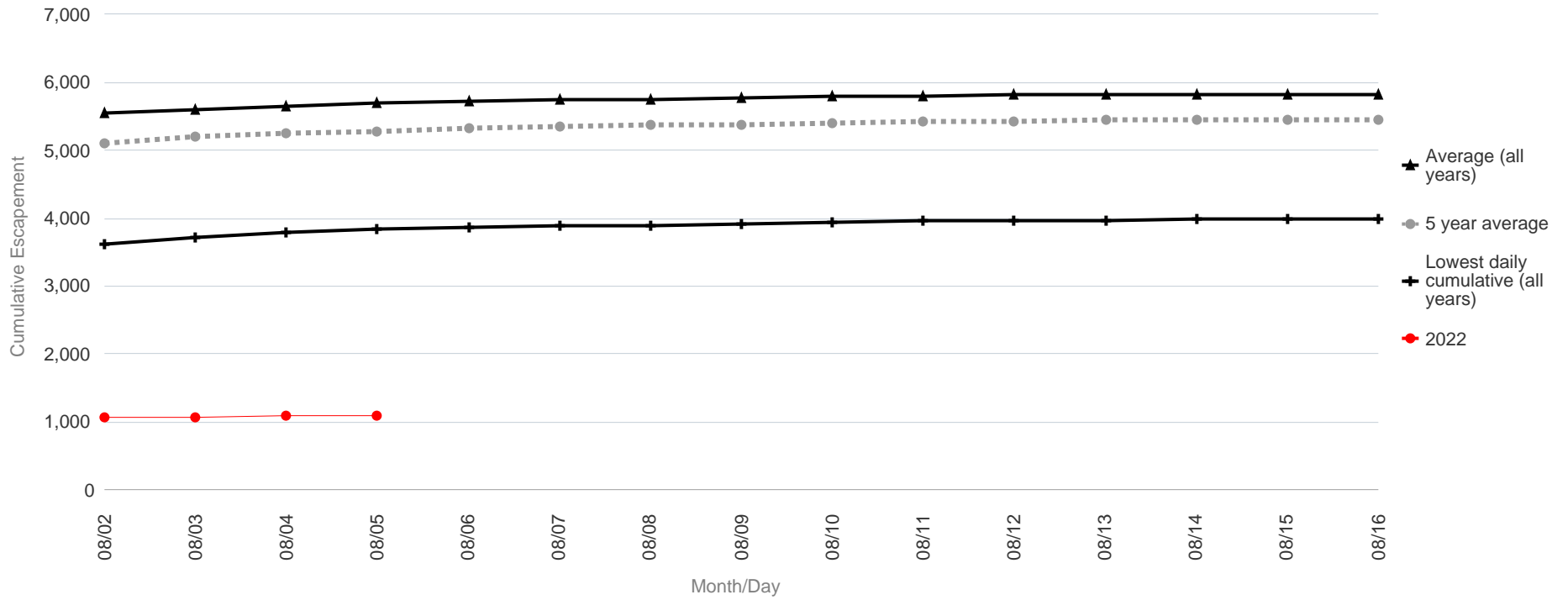


Salmon River (Pitka Fork) Salmon Monitoring Project Passage of Chinook Salmon

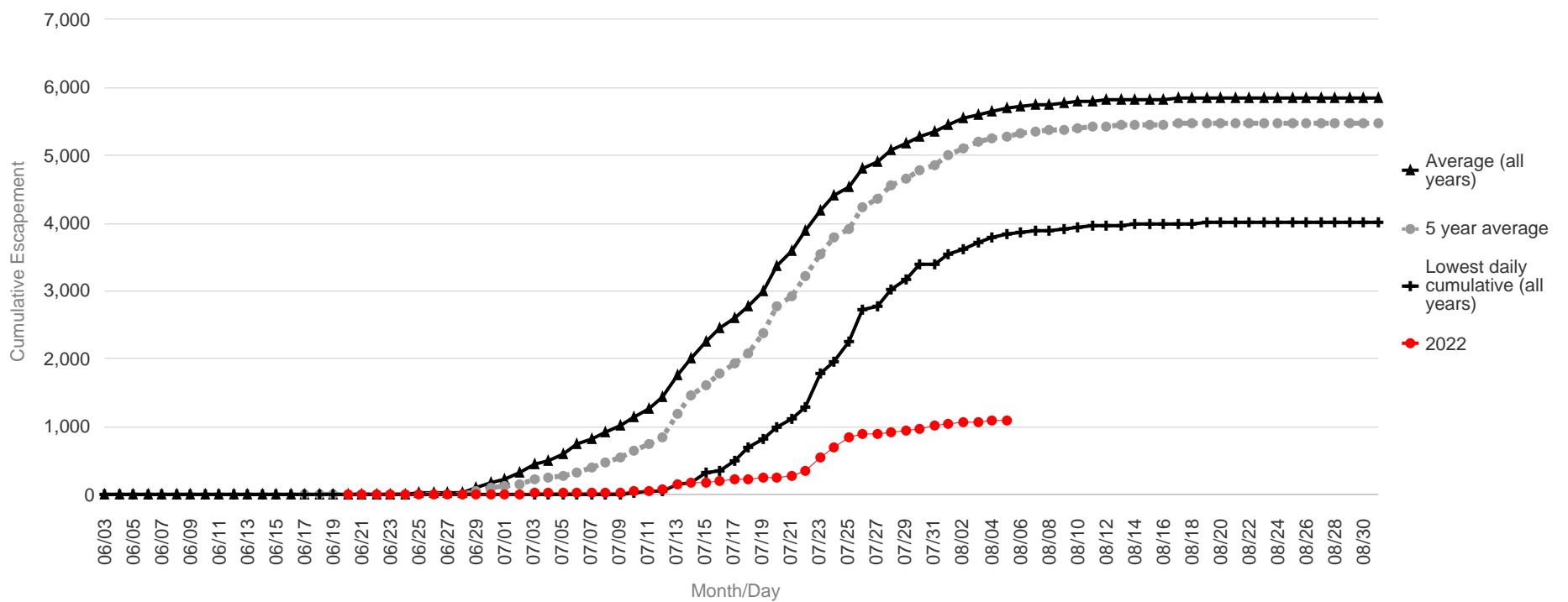
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	3,614	5,540	5,102	1,065
08/03	3,725	5,611	5,193	1,081
08/04	3,799	5,653	5,241	1,100
08/05	3,840	5,689	5,285	1,102
08/06	3,872	5,719	5,324	
08/07	3,888	5,743	5,351	
08/08	3,904	5,757	5,368	
08/09	3,916	5,774	5,388	
08/10	3,939	5,788	5,406	
08/11	3,965	5,802	5,423	
08/12	3,972	5,813	5,437	
08/13	3,976	5,820	5,446	
08/14	3,987	5,825	5,452	
08/15	3,992	5,831	5,458	
08/16	3,997	5,834	5,462	

	Lowest Count	5 Year Average	Average Count
Season Total	4,014	5,474	5,846

Focused Two-Week Data View



Season Total Overview

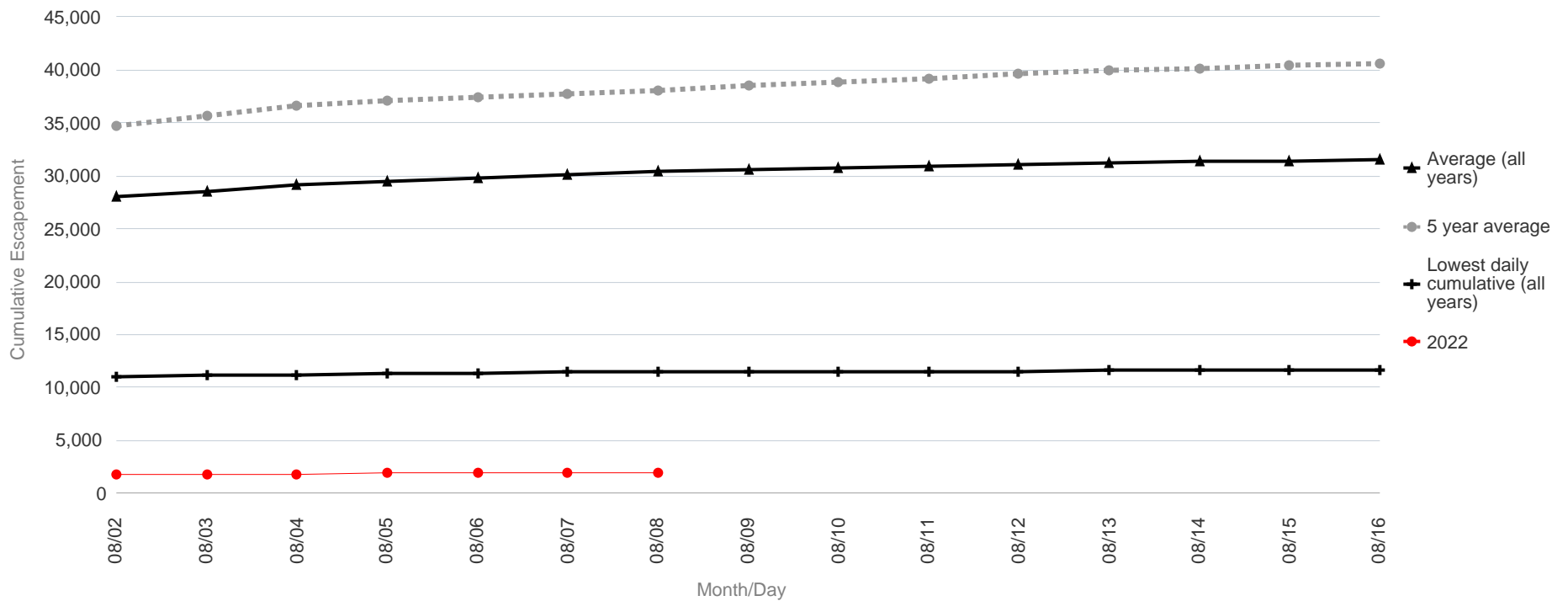


Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

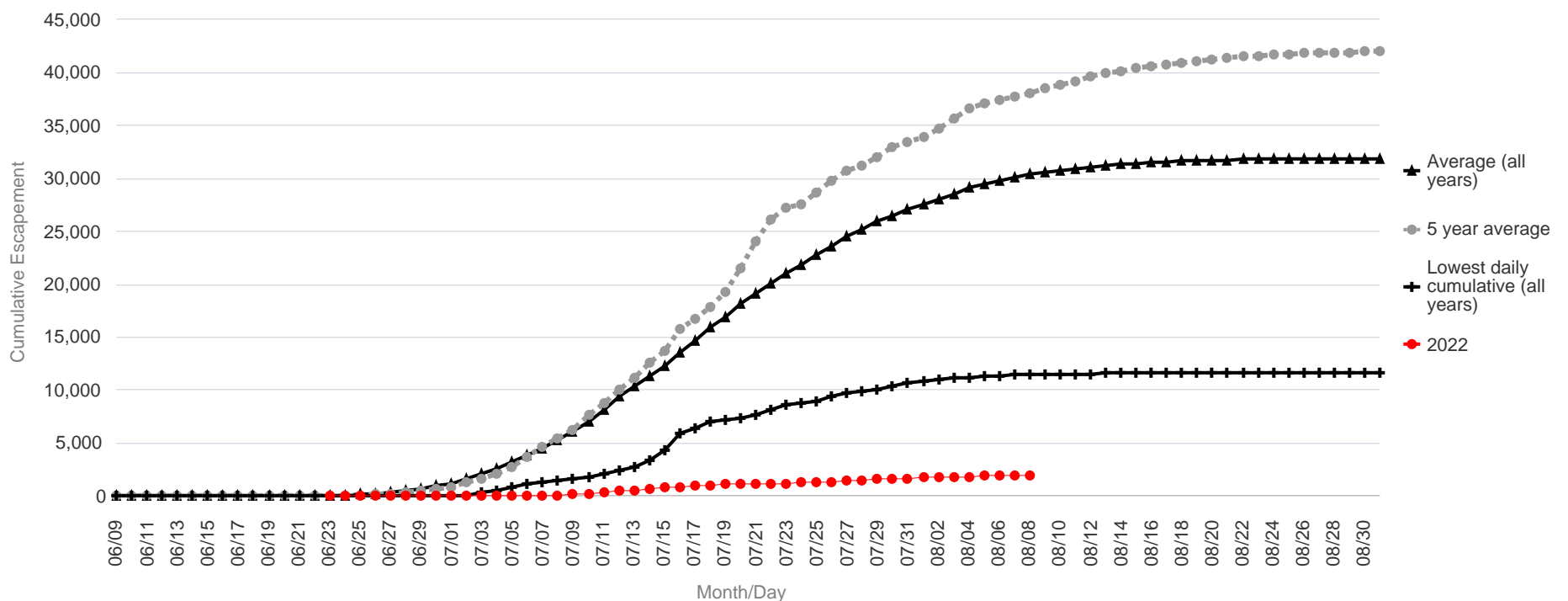
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	10,972	28,093	34,751	1,752
08/03	11,127	28,590	35,751	1,793
08/04	11,224	29,090	36,677	1,858
08/05	11,326	29,480	37,059	1,885
08/06	11,364	29,825	37,437	1,955
08/07	11,412	30,122	37,784	1,984
08/08	11,435	30,370	38,120	2,004
08/09	11,453	30,617	38,474	
08/10	11,511	30,805	38,822	
08/11	11,544	30,959	39,223	
08/12	11,558	31,096	39,594	
08/13	11,579	31,237	39,902	
08/14	11,595	31,354	40,187	
08/15	11,604	31,440	40,417	
08/16	11,610	31,507	40,621	

	Lowest Count	Average Count	5 Year Average
Season Total	11,691	31,977	42,166

Focused Two-Week Data View



Season Total Overview

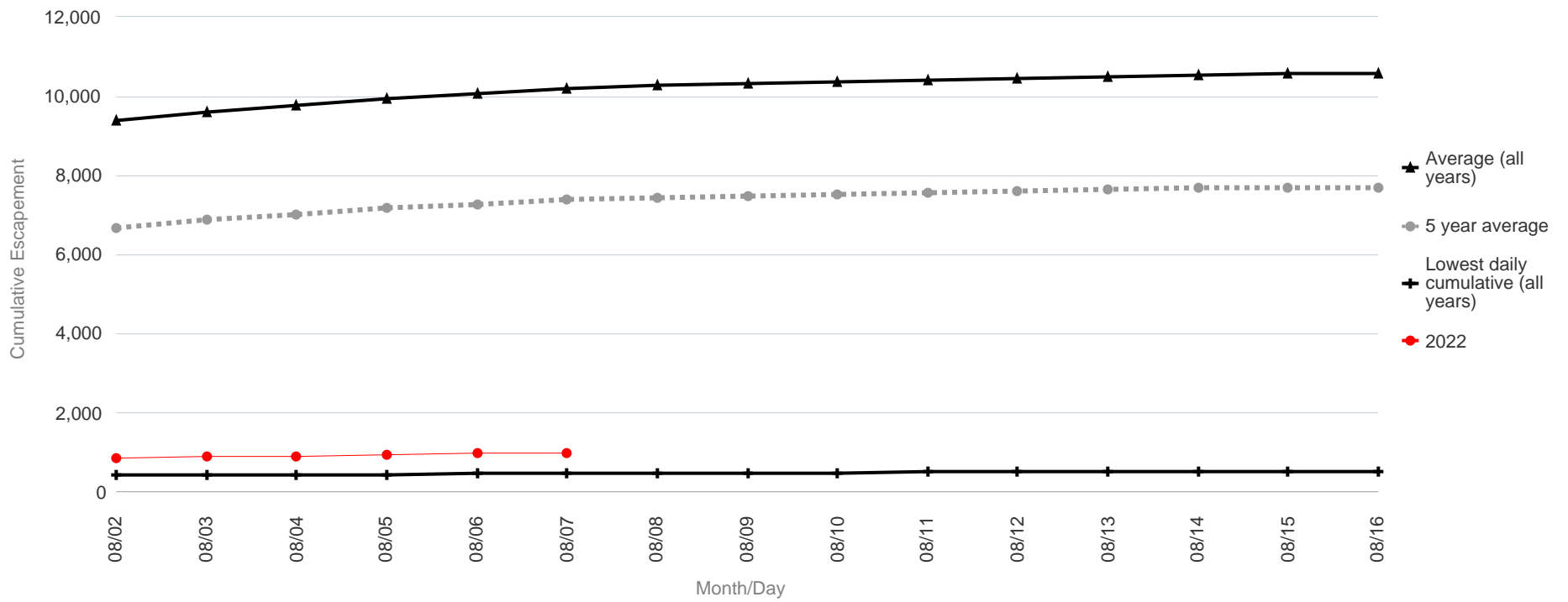


Salmon River (Aniak) Salmon Monitoring Project Passage of Chum Salmon

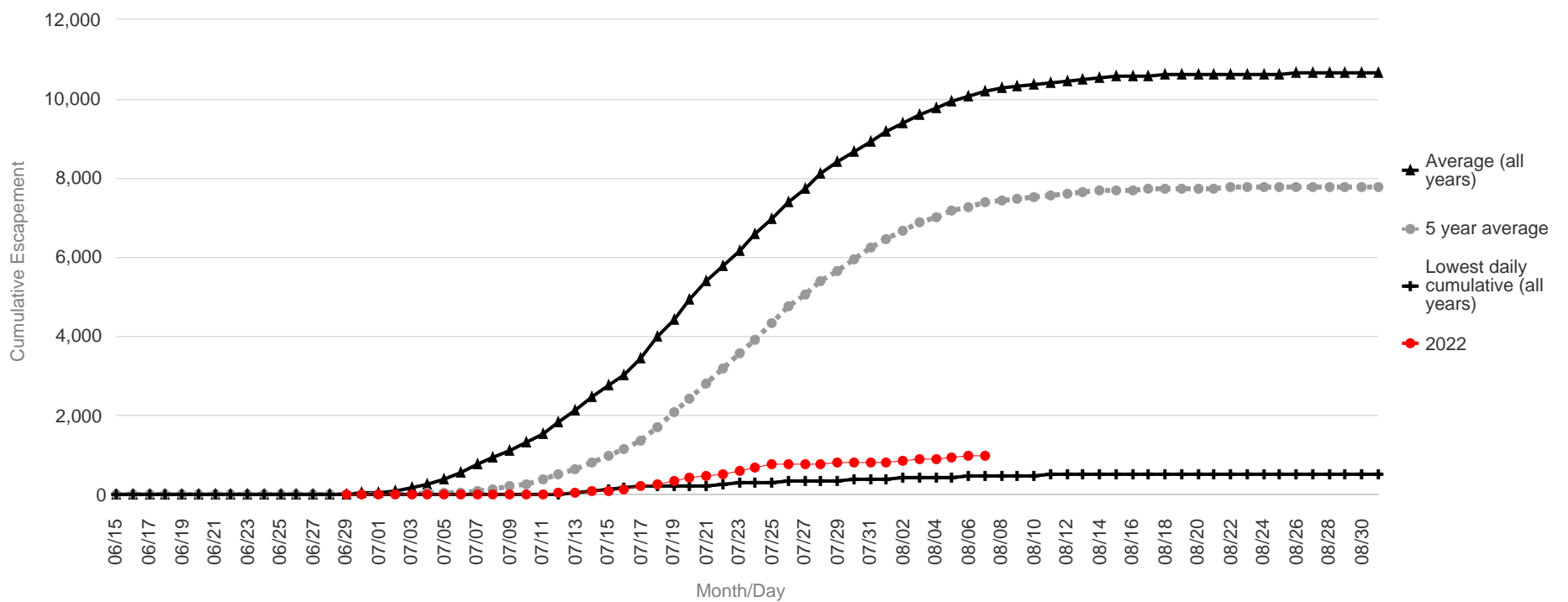
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	414	9,403	6,673	863
08/03	433	9,608	6,867	891
08/04	442	9,783	7,015	919
08/05	449	9,951	7,164	948
08/06	458	10,085	7,281	965
08/07	462	10,193	7,375	976
08/08	466	10,267	7,430	
08/09	480	10,331	7,481	
08/10	491	10,382	7,527	
08/11	503	10,427	7,573	
08/12	517	10,468	7,617	
08/13	521	10,509	7,652	
08/14	523	10,534	7,673	
08/15	526	10,557	7,691	
08/16	531	10,575	7,706	

	Lowest Count	Average Count	5 Year Average
Season Total	537	10,643	7,764

Focused Two-Week Data View



Season Total Overview

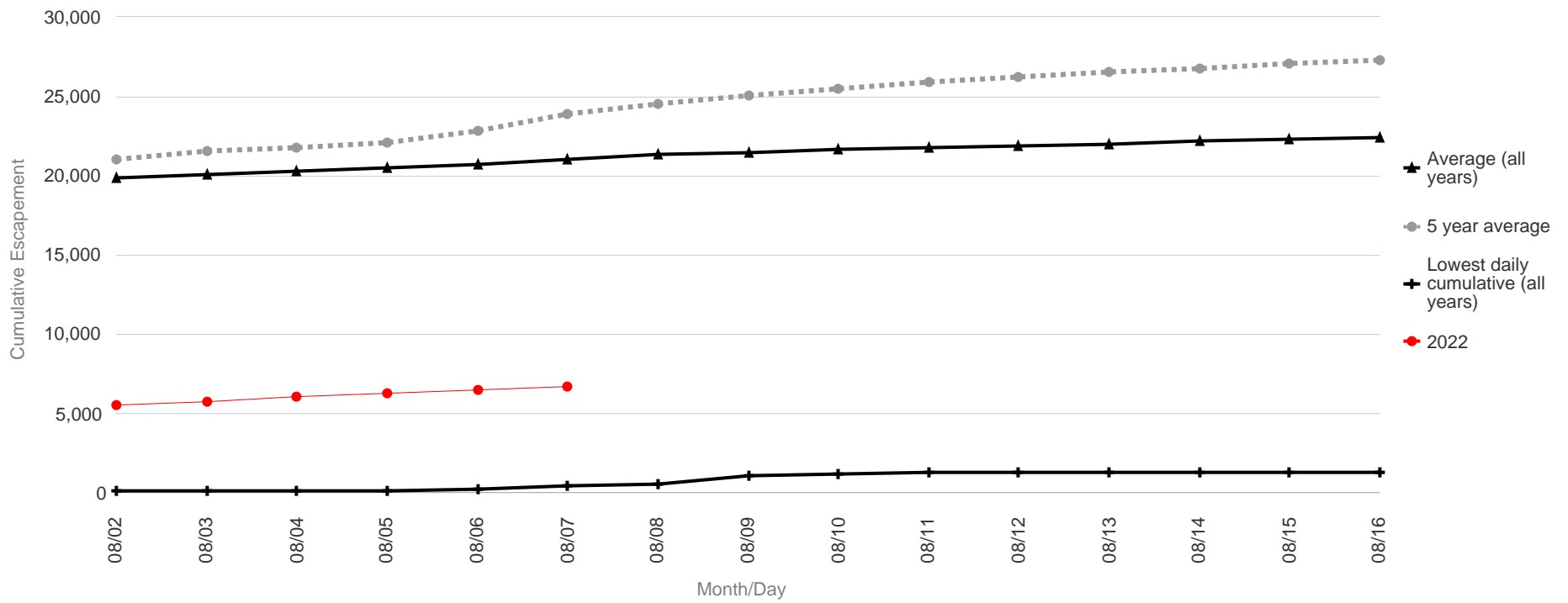


George River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

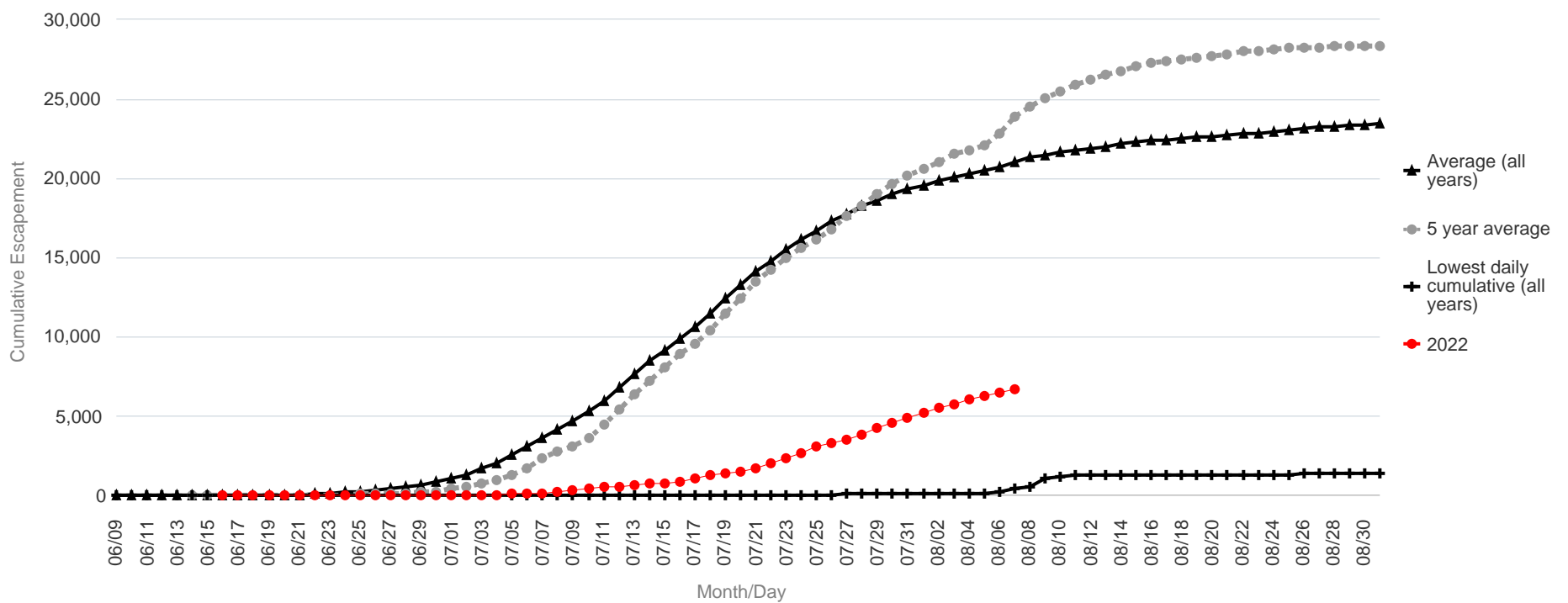
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	80	19,843	21,029	5,519
08/03	81	20,100	21,534	5,773
08/04	97	20,300	21,798	6,077
08/05	159	20,488	22,125	6,254
08/06	257	20,751	22,861	6,467
08/07	413	21,057	23,855	6,660
08/08	526	21,300	24,578	
08/09	1,033	21,480	25,081	
08/10	1,232	21,643	25,484	
08/11	1,256	21,786	25,881	
08/12	1,274	21,918	26,213	
08/13	1,279	22,035	26,555	
08/14	1,294	22,192	26,783	
08/15	1,298	22,291	27,041	
08/16	1,306	22,376	27,258	

	Lowest Count	Average Count	5 Year Average
Season Total	1,371	24,007	28,454

Focused Two-Week Data View



Season Total Overview



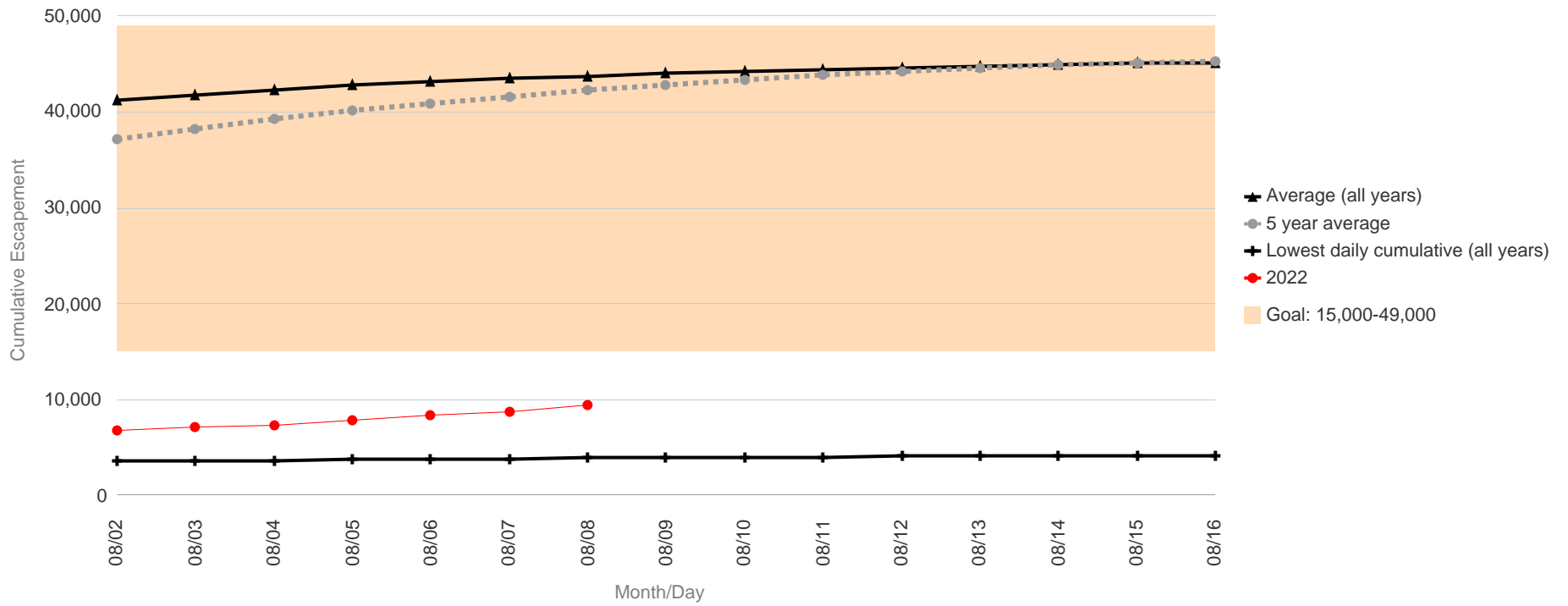
Kogrukluk River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

Escapement Goal Range: 15,000 to 49,000

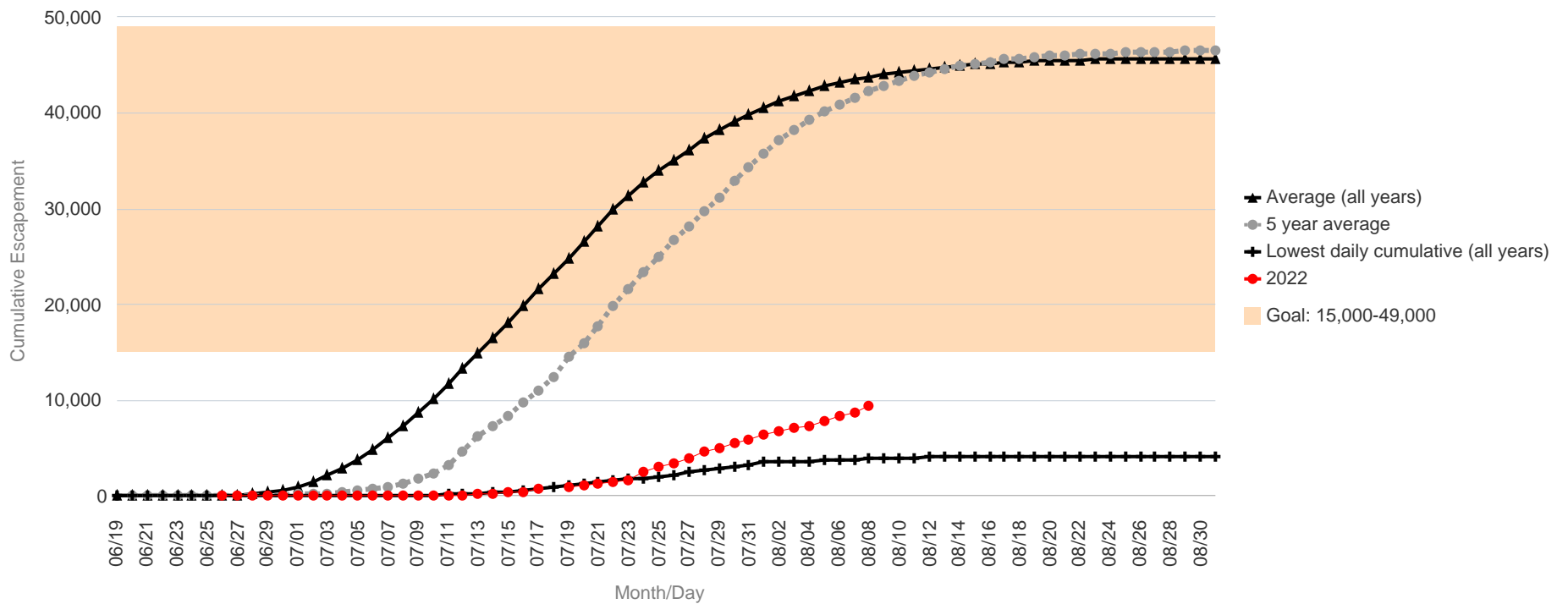
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	3,528	41,202	37,114	6,736
08/03	3,593	41,794	38,273	7,070
08/04	3,651	42,314	39,239	7,317
08/05	3,712	42,787	40,153	7,900
08/06	3,789	43,170	40,908	8,290
08/07	3,810	43,491	41,609	8,761
08/08	3,850	43,793	42,240	9,370
08/09	3,914	44,044	42,835	
08/10	3,969	44,277	43,369	
08/11	4,009	44,483	43,847	
08/12	4,026	44,671	44,261	
08/13	4,072	44,828	44,625	
08/14	4,085	44,962	44,895	
08/15	4,094	45,088	45,160	
08/16	4,106	45,190	45,371	

	Lowest Count	Average Count	5 Year Average
Season Total	4,153	45,763	46,599

Focused Two-Week Data View



Season Total Overview

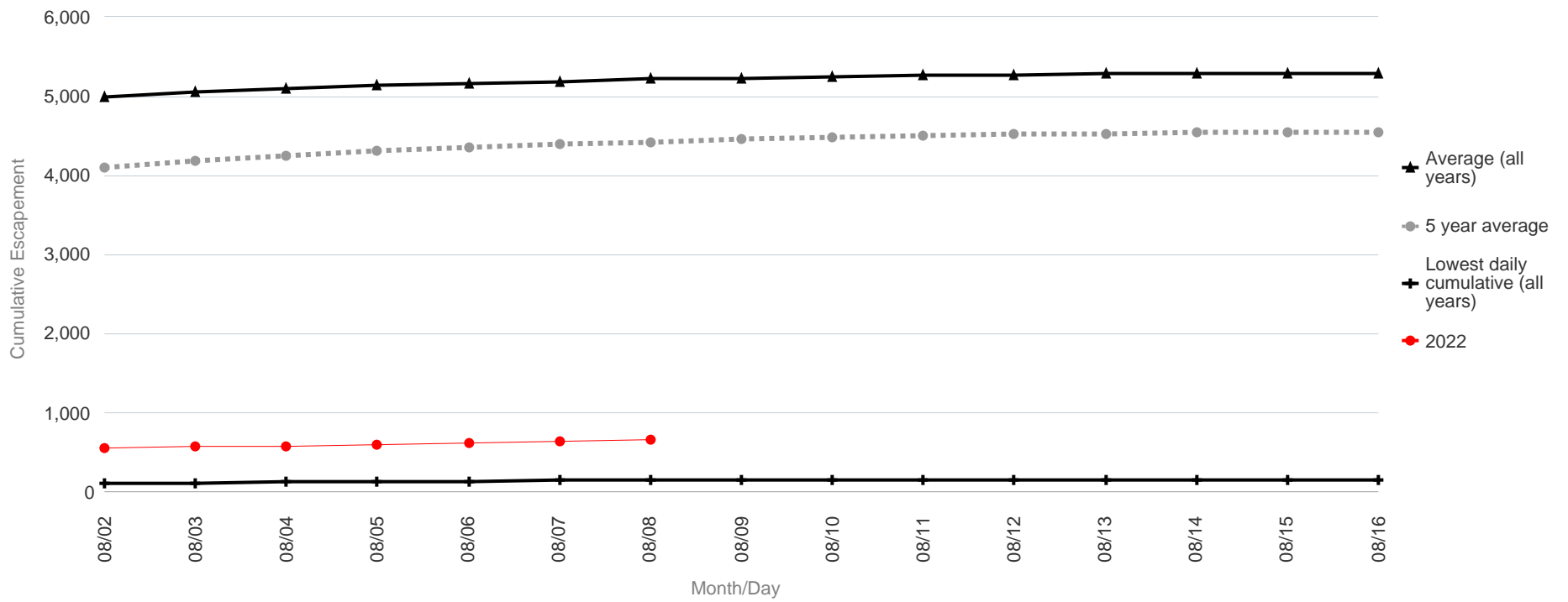


Takotna River Salmon Monitoring Project Passage of Chum Salmon

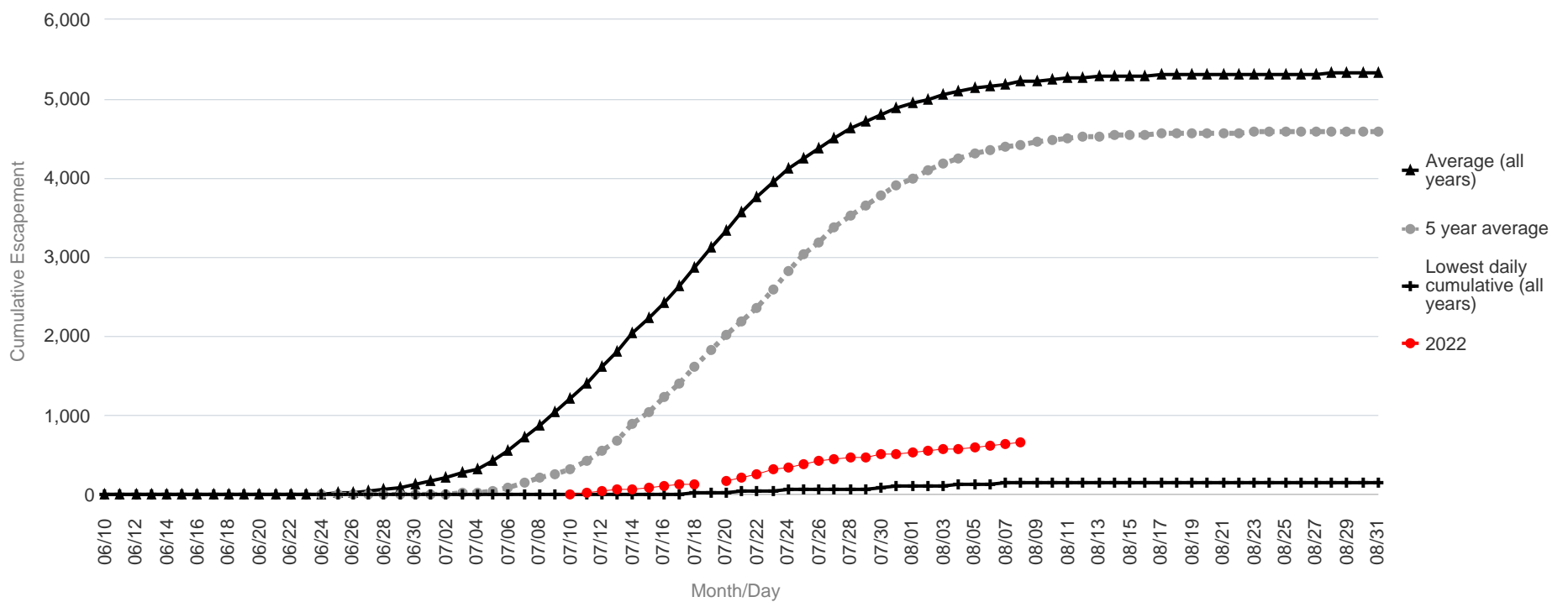
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	120	4,993	4,089	560
08/03	120	5,044	4,184	579
08/04	127	5,092	4,256	587
08/05	133	5,134	4,310	605
08/06	140	5,168	4,362	621
08/07	144	5,192	4,396	639
08/08	148	5,216	4,425	664
08/09	149	5,233	4,452	
08/10	151	5,248	4,482	
08/11	151	5,261	4,500	
08/12	151	5,271	4,516	
08/13	151	5,279	4,528	
08/14	151	5,287	4,539	
08/15	151	5,293	4,547	
08/16	151	5,298	4,554	

	Lowest Count	Average Count	5 Year Average
Season Total	151	5,324	4,583

Focused Two-Week Data View



Season Total Overview

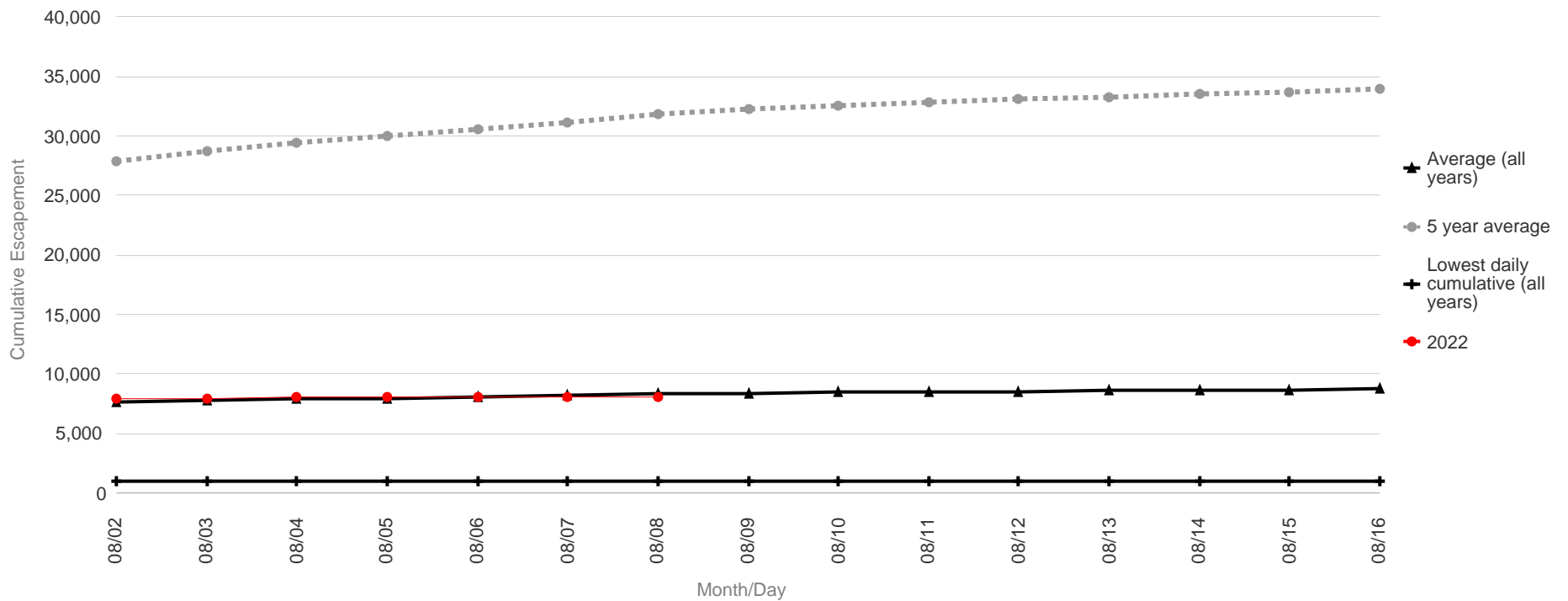


Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Sockeye Salmon

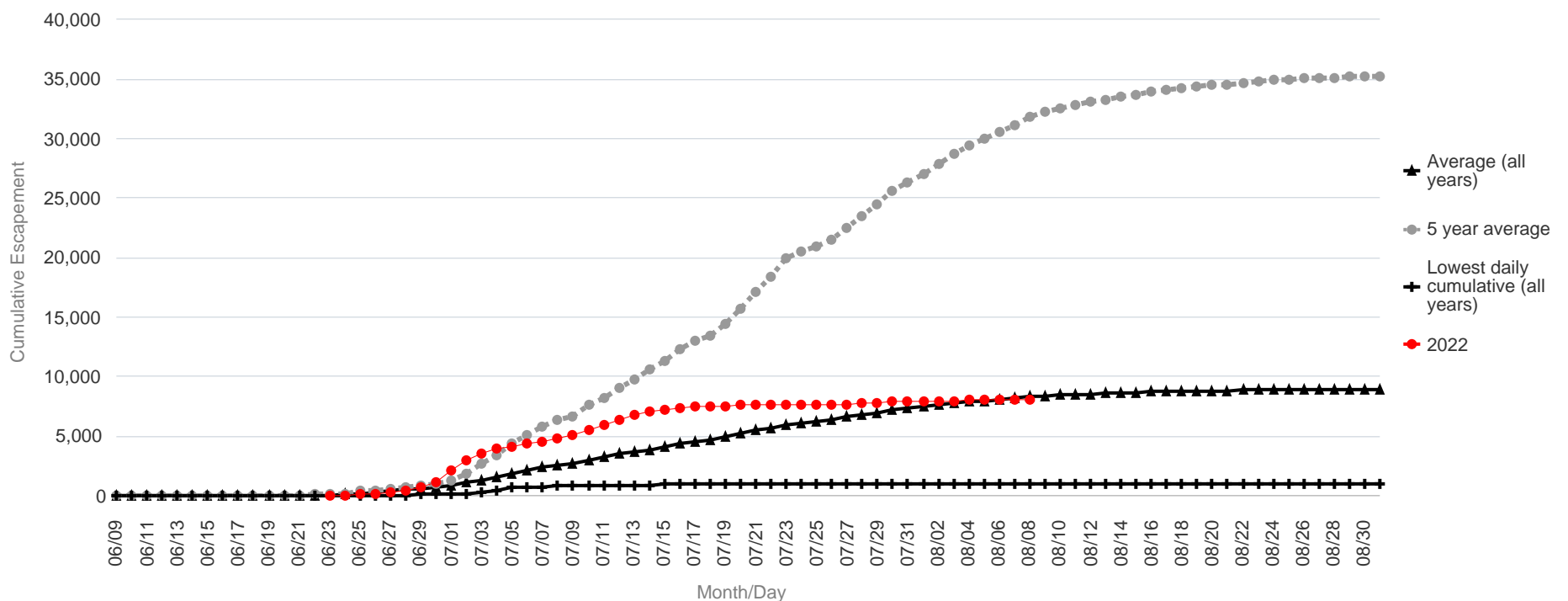
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	1,003	7,619	27,852	7,984
08/03	1,003	7,777	28,734	8,018
08/04	1,007	7,918	29,505	8,050
08/05	1,013	8,015	30,031	8,073
08/06	1,016	8,123	30,618	8,110
08/07	1,018	8,222	31,173	8,154
08/08	1,027	8,339	31,835	8,158
08/09	1,028	8,417	32,254	
08/10	1,029	8,479	32,587	
08/11	1,032	8,533	32,883	
08/12	1,032	8,576	33,107	
08/13	1,032	8,618	33,328	
08/14	1,032	8,652	33,507	
08/15	1,033	8,688	33,697	
08/16	1,034	8,730	33,932	

	Lowest Count	Average Count	5 Year Average
Season Total	1,049	9,040	35,509

Focused Two-Week Data View



Season Total Overview

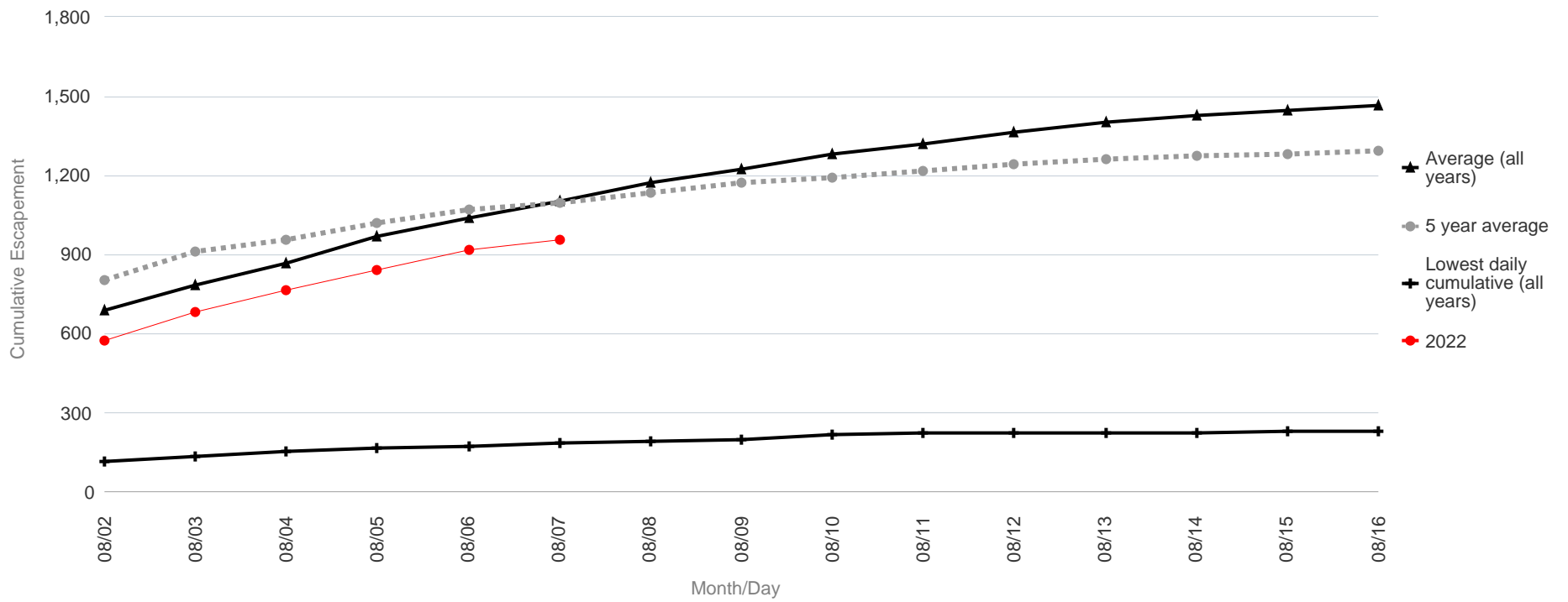


Salmon River (Aniak) Salmon Monitoring Project Passage of Sockeye Salmon

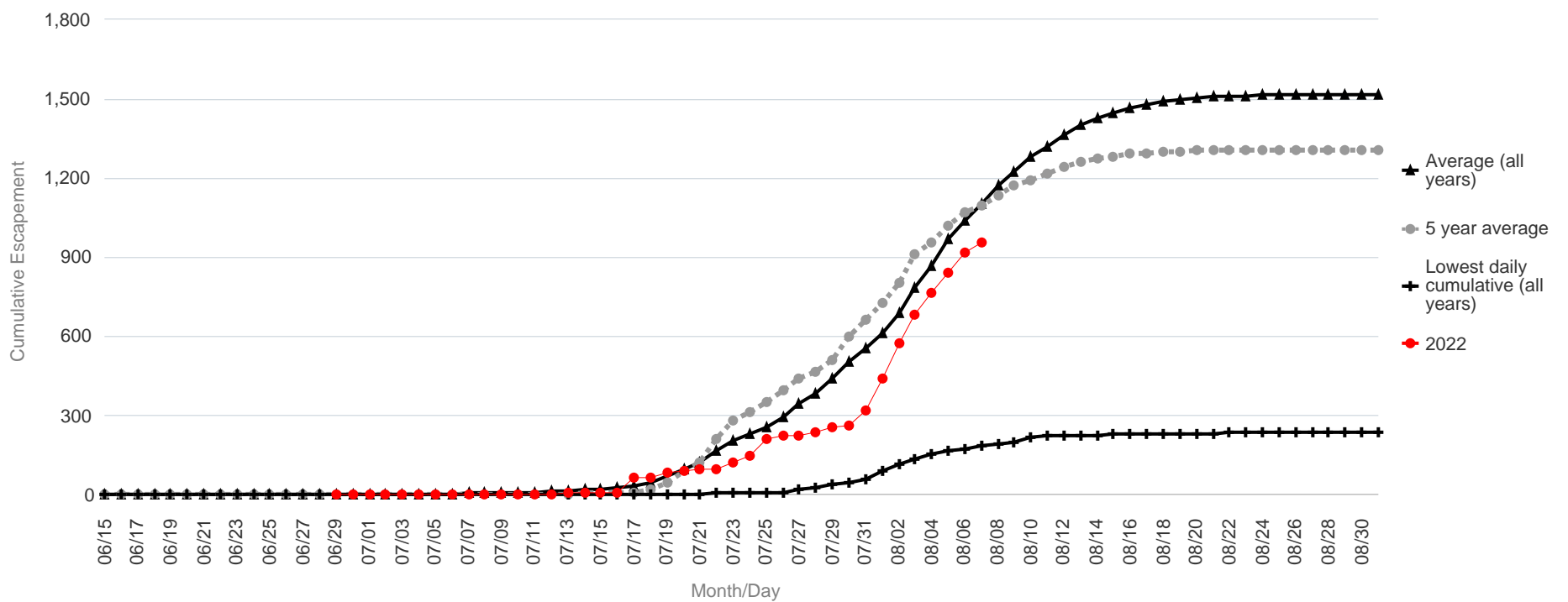
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	114	690	803	571
08/03	133	785	909	685
08/04	157	865	958	768
08/05	167	966	1,017	844
08/06	174	1,040	1,069	917
08/07	184	1,105	1,099	959
08/08	190	1,171	1,136	
08/09	199	1,224	1,170	
08/10	219	1,278	1,190	
08/11	223	1,320	1,216	
08/12	226	1,367	1,241	
08/13	226	1,399	1,264	
08/14	227	1,425	1,274	
08/15	229	1,446	1,283	
08/16	231	1,465	1,291	

	Lowest Count	Average Count	5 Year Average
Season Total	234	1,519	1,308

Focused Two-Week Data View



Season Total Overview



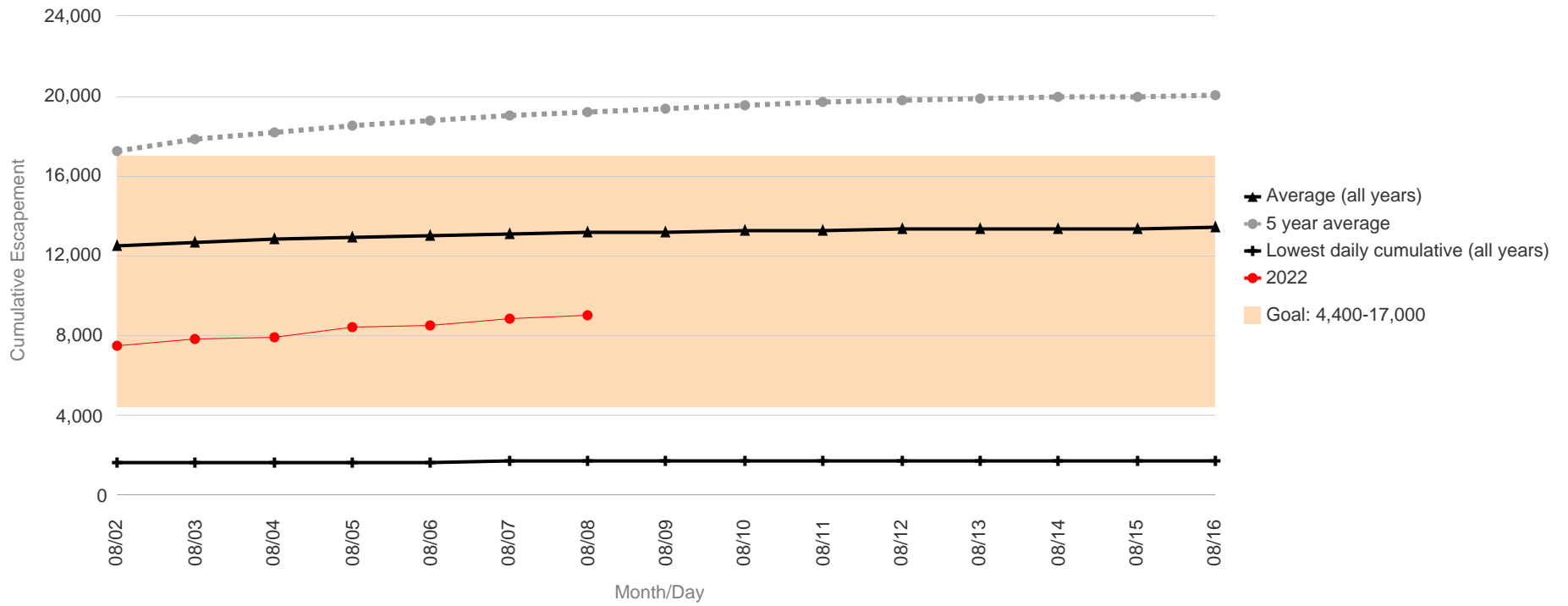
Kogrukluk River Salmon Monitoring Project Cumulative Daily Passage of Sockeye Salmon

Escapement Goal Range: 4,400 to 17,000

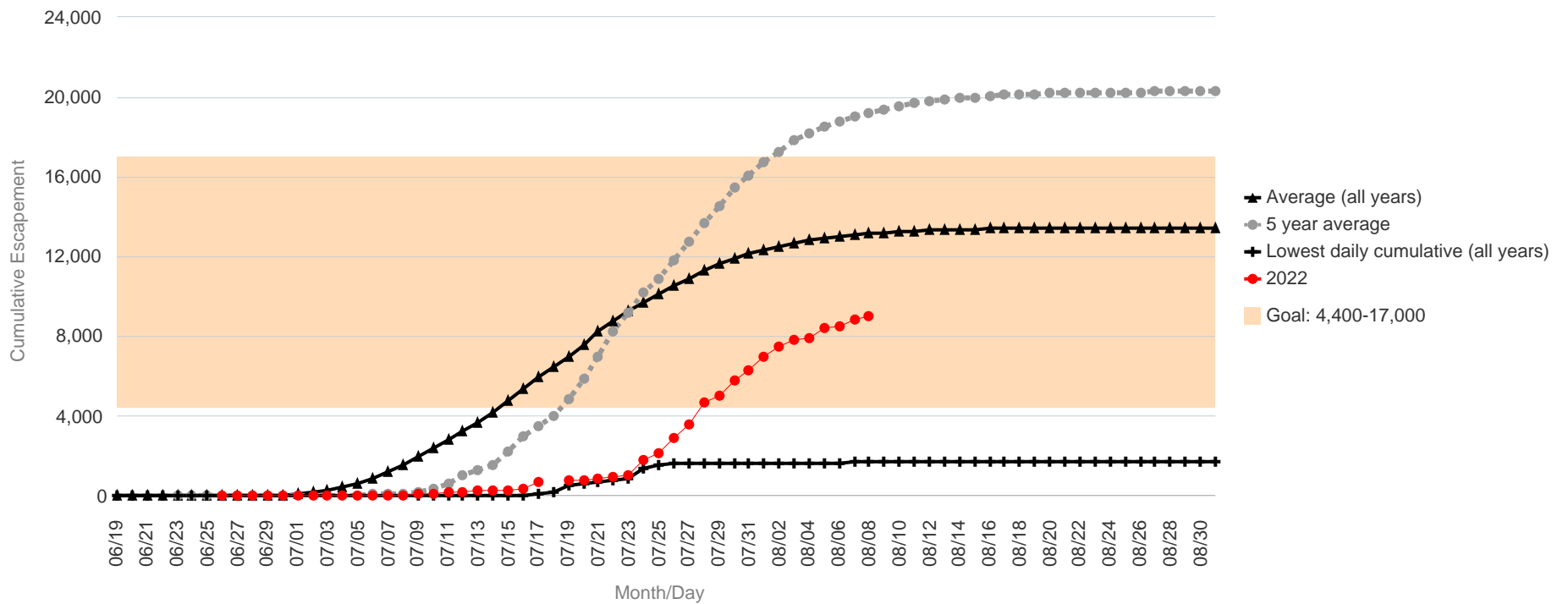
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	1,658	12,515	17,247	7,475
08/03	1,663	12,683	17,812	7,789
08/04	1,666	12,815	18,217	7,945
08/05	1,666	12,930	18,527	8,423
08/06	1,670	13,024	18,811	8,532
08/07	1,672	13,091	19,027	8,812
08/08	1,674	13,150	19,214	9,008
08/09	1,675	13,201	19,410	
08/10	1,675	13,242	19,549	
08/11	1,676	13,282	19,675	
08/12	1,676	13,313	19,775	
08/13	1,676	13,338	19,867	
08/14	1,676	13,359	19,940	
08/15	1,676	13,379	20,002	
08/16	1,676	13,393	20,058	

	Lowest Count	Average Count	5 Year Average
Season Total	1,676	13,471	20,323

Focused Two-Week Data View



Season Total Overview

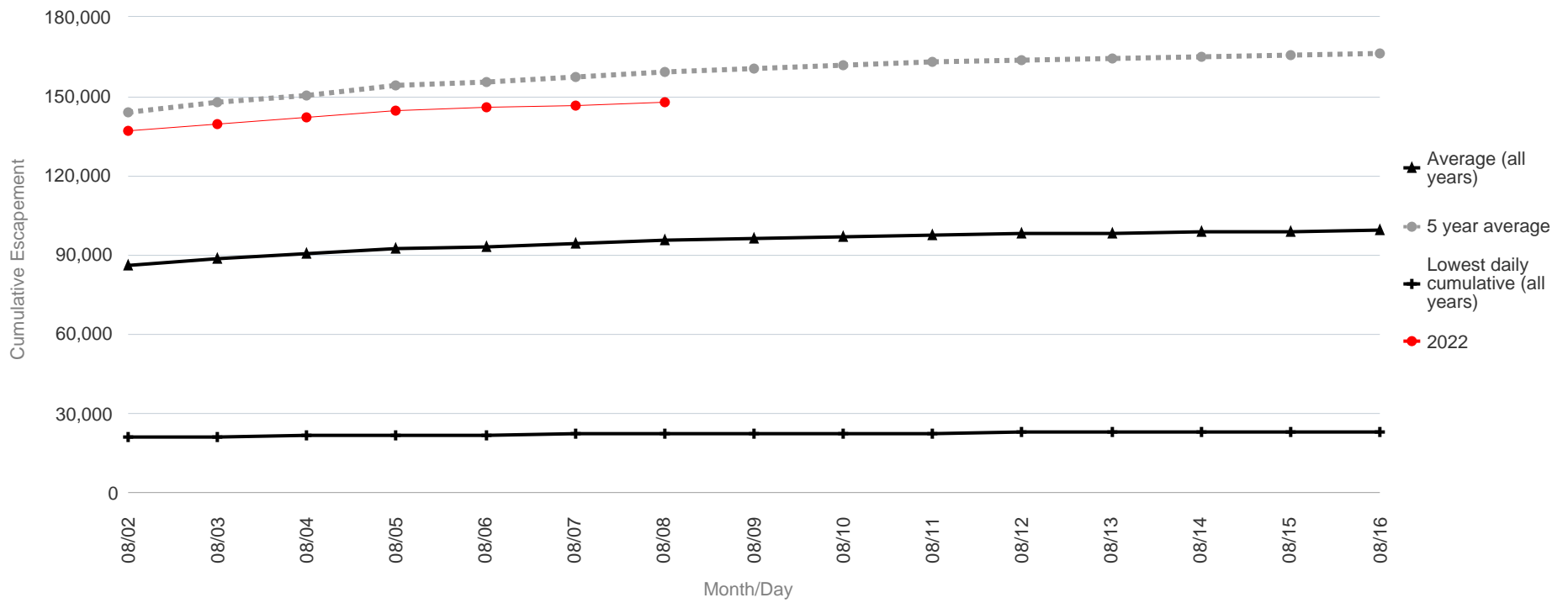


Telaquana River Salmon Monitoring Project Passage of Sockeye Salmon

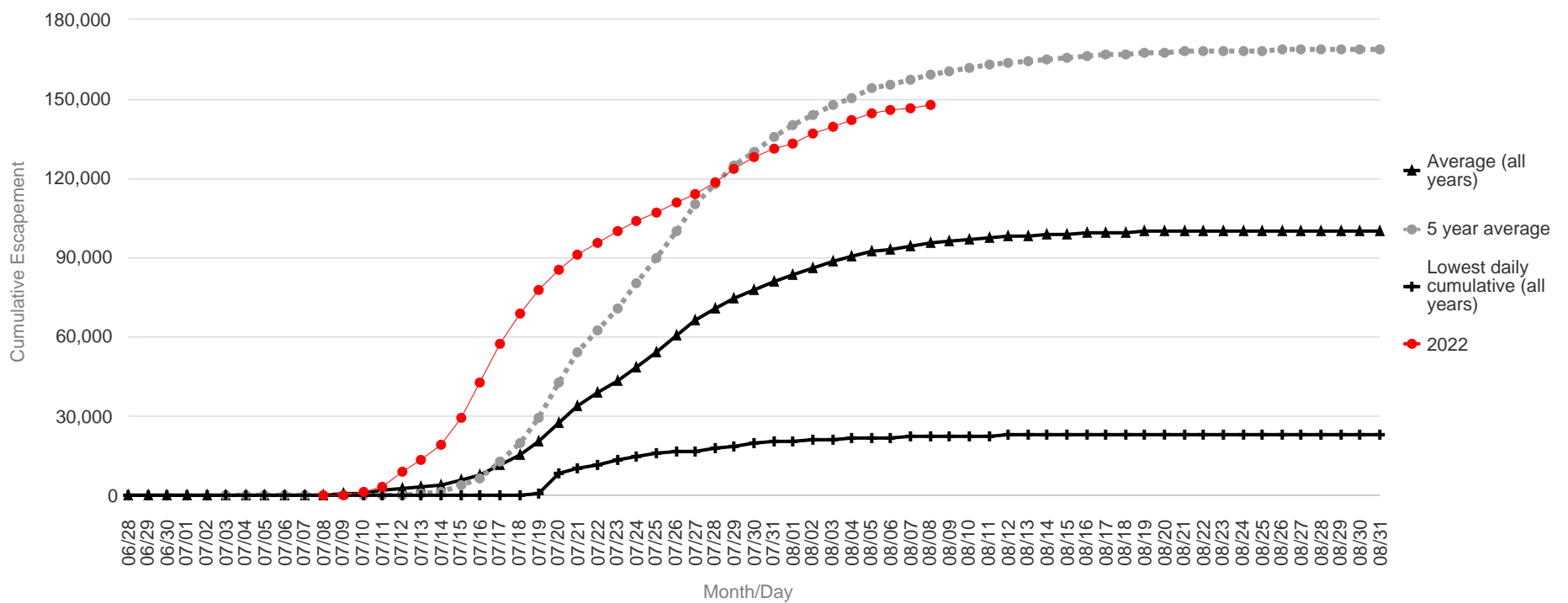
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	21,140	86,199	143,840	136,796
08/03	21,382	88,477	147,584	139,519
08/04	21,645	90,308	150,552	142,124
08/05	21,948	92,207	153,932	144,383
08/06	22,073	93,301	155,744	145,669
08/07	22,243	94,376	157,526	146,619
08/08	22,429	95,332	159,229	147,605
08/09	22,483	96,085	160,597	
08/10	22,607	96,779	161,858	
08/11	22,664	97,367	162,926	
08/12	22,742	97,864	163,843	
08/13	22,797	98,248	164,502	
08/14	22,871	98,560	165,045	
08/15	22,880	98,905	165,720	
08/16	22,911	99,223	166,362	

	Lowest Count	Average Count	5 Year Average
Season Total	23,007	100,280	168,520

Focused Two-Week Data View



Season Total Overview

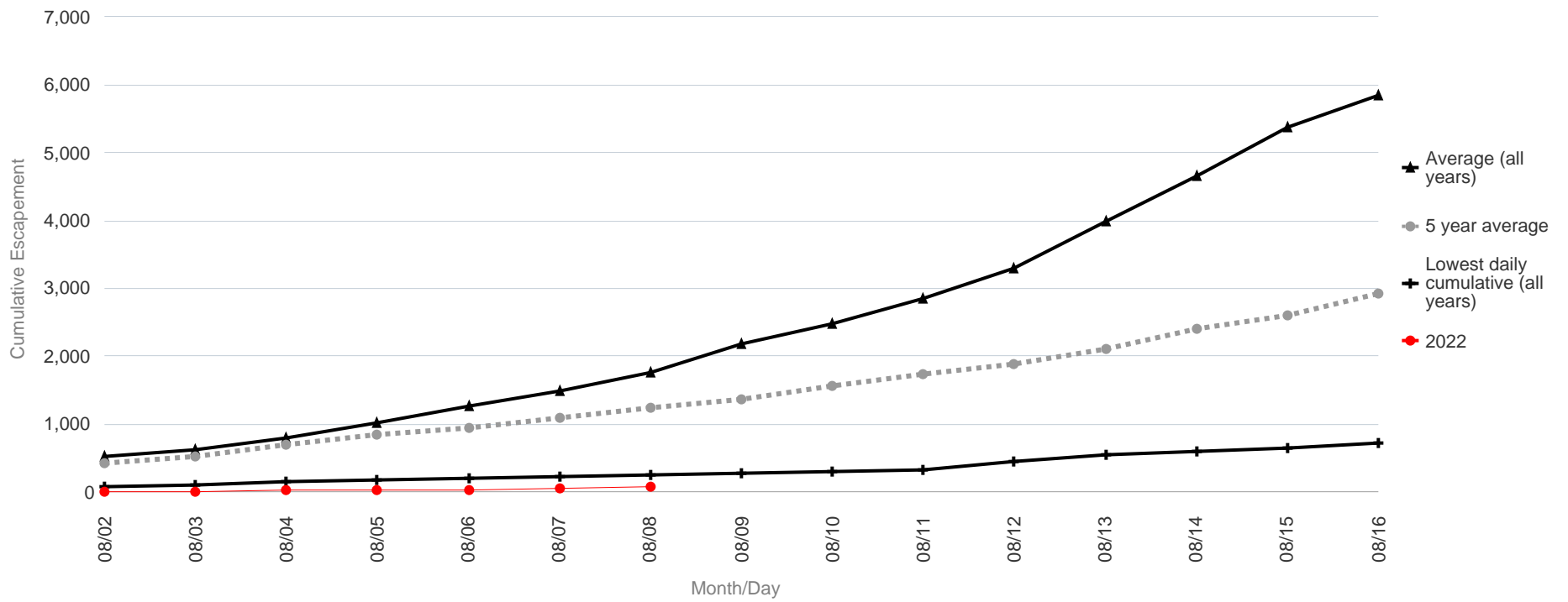


Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Coho Salmon

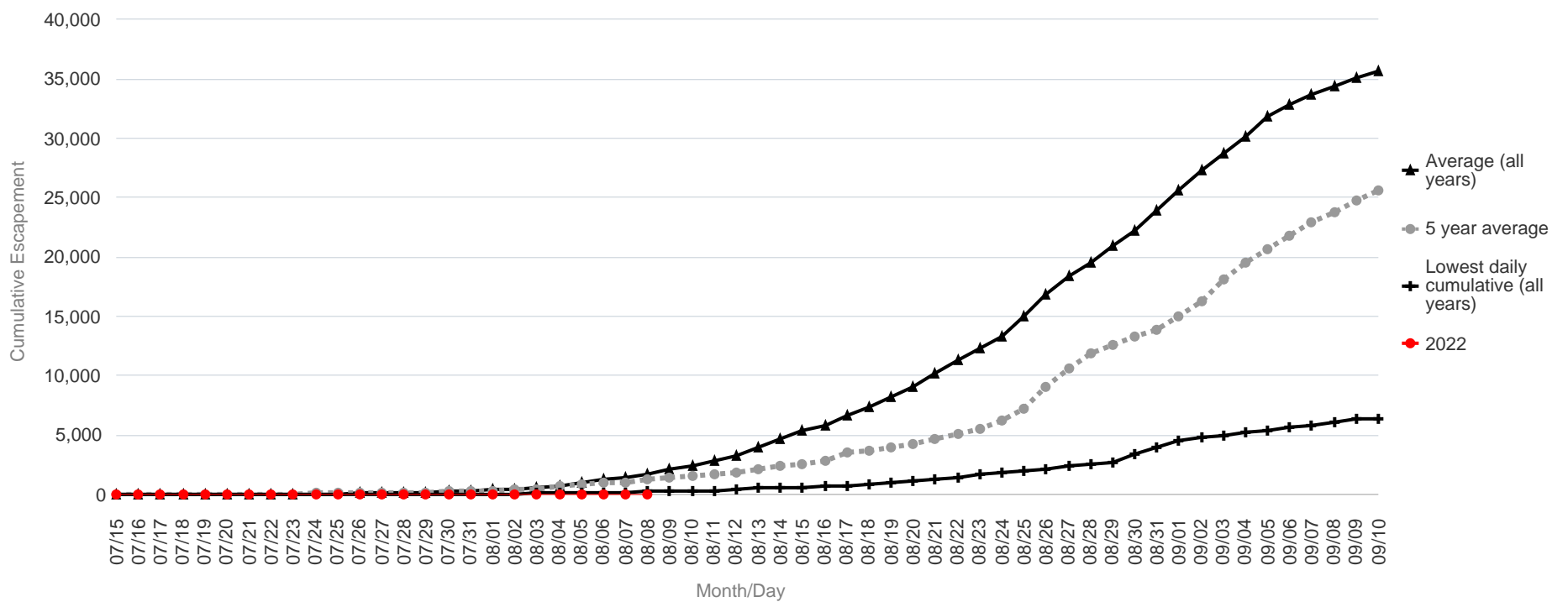
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	72	516	419	5
08/03	100	626	520	7
08/04	141	786	694	19
08/05	169	1,012	835	23
08/06	201	1,264	951	36
08/07	226	1,492	1,085	64
08/08	253	1,759	1,239	90
08/09	271	2,179	1,377	
08/10	307	2,485	1,574	
08/11	331	2,846	1,740	
08/12	459	3,295	1,895	
08/13	554	3,997	2,116	
08/14	598	4,664	2,400	
08/15	651	5,369	2,600	
08/16	715	5,842	2,926	

	Lowest Count	Average Count	5 Year Average
Season Total	7,465	41,101	32,583

Focused Two-Week Data View



Season Total Overview

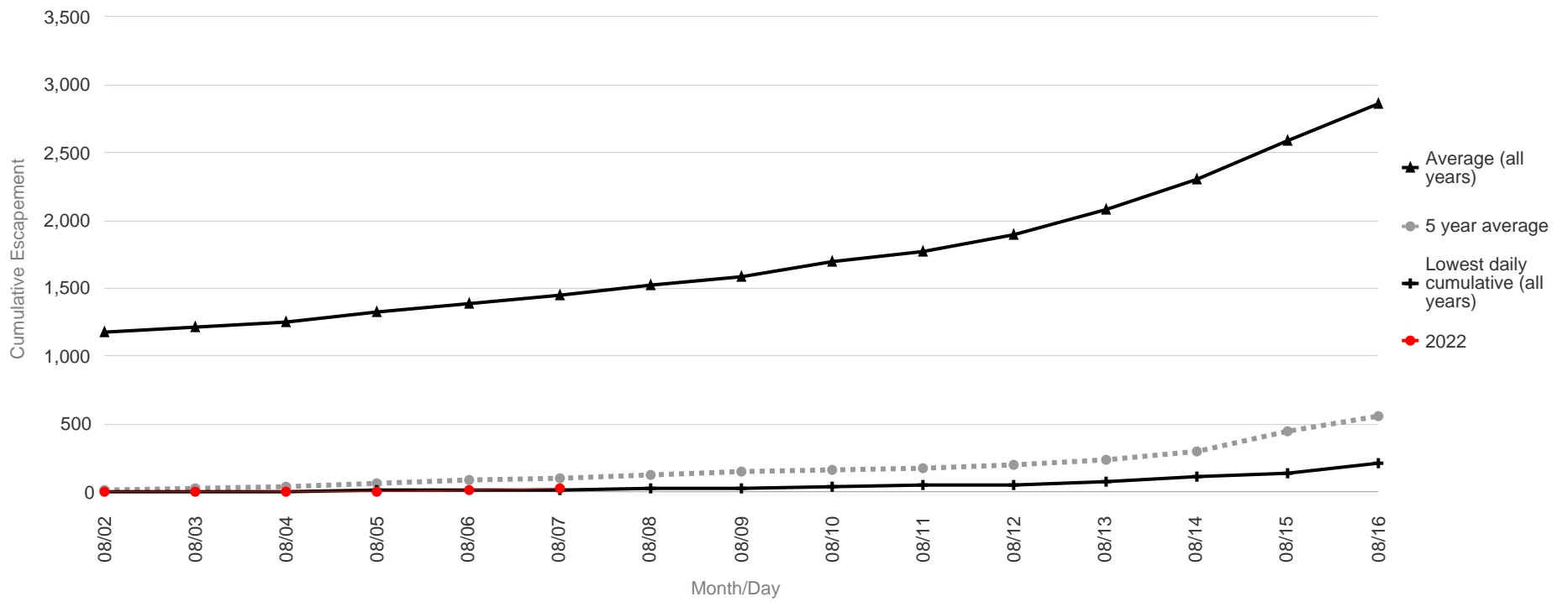


George River Salmon Monitoring Project Cumulative Daily Passage of Coho Salmon

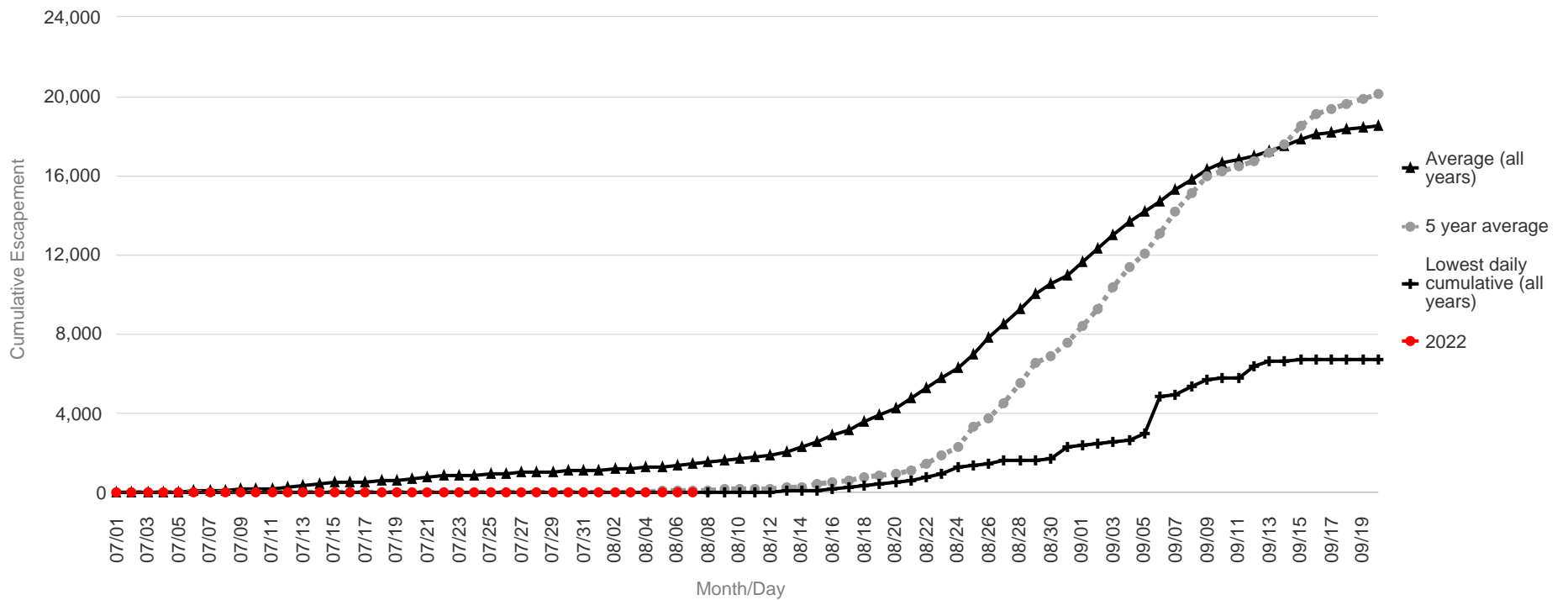
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	2	1,182	20	2
08/03	2	1,214	26	3
08/04	3	1,252	36	3
08/05	15	1,323	67	8
08/06	15	1,385	87	12
08/07	18	1,450	107	28
08/08	22	1,523	129	
08/09	28	1,587	146	
08/10	36	1,695	160	
08/11	47	1,777	177	
08/12	53	1,899	204	
08/13	76	2,077	236	
08/14	108	2,309	300	
08/15	141	2,593	449	
08/16	211	2,868	556	

	Lowest Count	Average Count	5 Year Average
Season Total	6,759	18,542	20,105

Focused Two-Week Data View



Season Total Overview



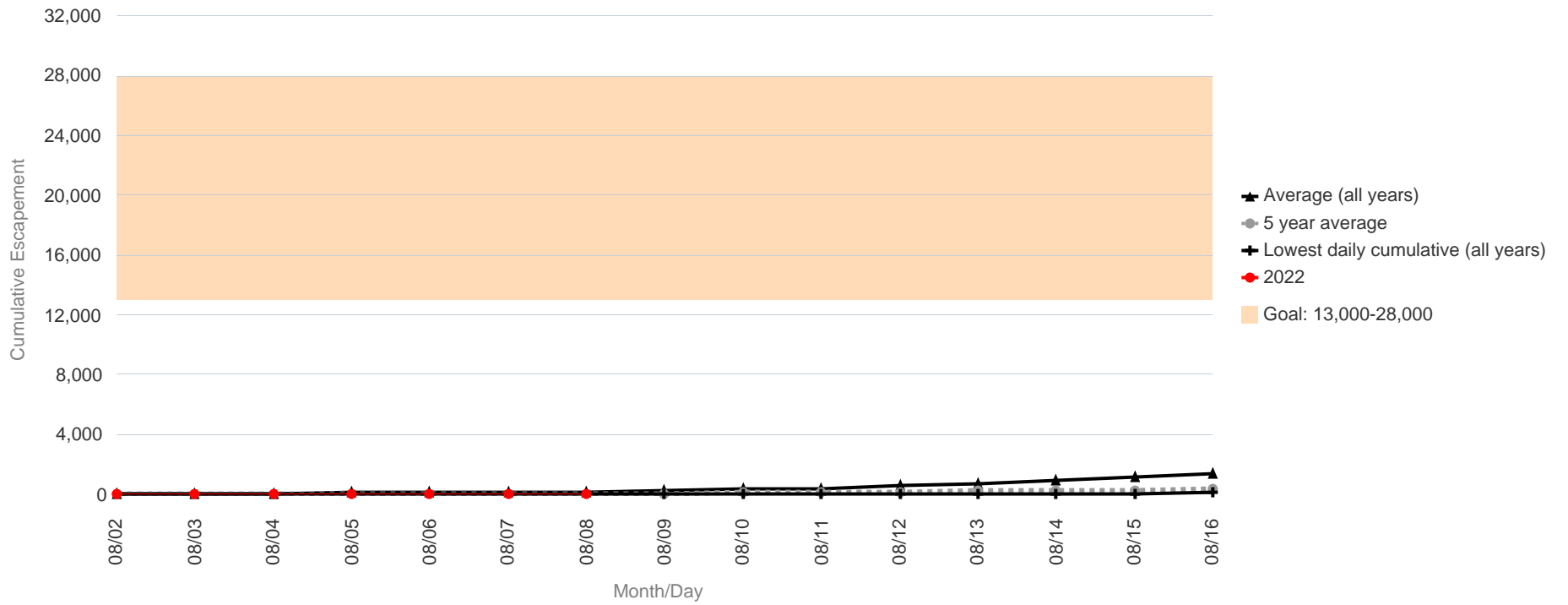
Kogrukluk River Salmon Monitoring Project Cumulative Daily Passage of Coho Salmon

Escapement Goal Range: 13,000 to 28,000

Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	2022
08/02	0	43	3	0
08/03	0	57	7	0
08/04	1	71	10	0
08/05	1	89	15	0
08/06	1	113	23	0
08/07	2	148	38	1
08/08	3	187	53	3
08/09	5	244	77	
08/10	5	325	103	
08/11	8	398	133	
08/12	13	540	151	
08/13	21	687	202	
08/14	35	885	232	
08/15	53	1,127	268	
08/16	84	1,384	306	

	Lowest Count	Average Count	5 Year Average
Season Total	3,480	23,216	13,004

Focused Two-Week Data View



Season Total Overview

