

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: 08/23/2017

Time: 10:00 a.m.

Place: Bethel

Time Called to Order:

Chair: Barbara Carlson

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.*

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

ADF&G MANAGEMENT ACTIONS UNDER CONSIDERATION:

PEOPLE TO BE HEARD:

CONTINUING BUSINESS:

- Subsistence Reports: Lowest River, ~~ONC Inseason Subsistence Report~~, Lower River, Middle River, Upper River, Headwaters
- Overview of Kuskokwim River salmon run assessment/ discussion of ADF&G considerations:
 - a. Test Fisheries (Bethel and Aniak):
 - b. ~~Sonar/Weirs/Mark-Recapture/Aerial Surveys/Other:~~
- Commercial Catch Report:
- Processor Report:
- ~~Sport Fish Report:~~
- Intercept Fishery Report:
- 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:

- FACA Group update. – *Barbara Carlson*
- Working Group By-Laws update. – *Jen Peeks*

NEW BUSINESS:

- Spring Working Group meeting and dates.– *ADF&G*
- BSFA's Kuskokwim River salmon production planning process.– *James Simon*

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.
Jennifer Peeks
Aaron Tiernan
Working Group Coordinators

Informational Packet

Kuskokwim River Salmon Assessment Update: 8/21/2017



This document presents the key assessment information considered by managers in-season. The production of this document is a collaborative effort between the ADF&G and USFWS. **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 Ben Staton (USFWS; benjamin_staton@fws.gov) or Zachary Liller (ADF&G; zachary.liller@alaska.gov).

Table of Contents (*Click to jump to section*):

- **Page 2:** Coho Salmon Bethel Test Fishery Information
- **Page 3:** Species Composition Information
- **Page 4:** Chinook, Chum, Sockeye Salmon Summaries
- **Page 5:** Coho Salmon Appendix

Abbreviations:

- BTF: Bethel Test Fishery
- ATF: Aniak Test Fishery
- CPUE: Catch-per-unit-effort
- EOS: End-of-Season

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:

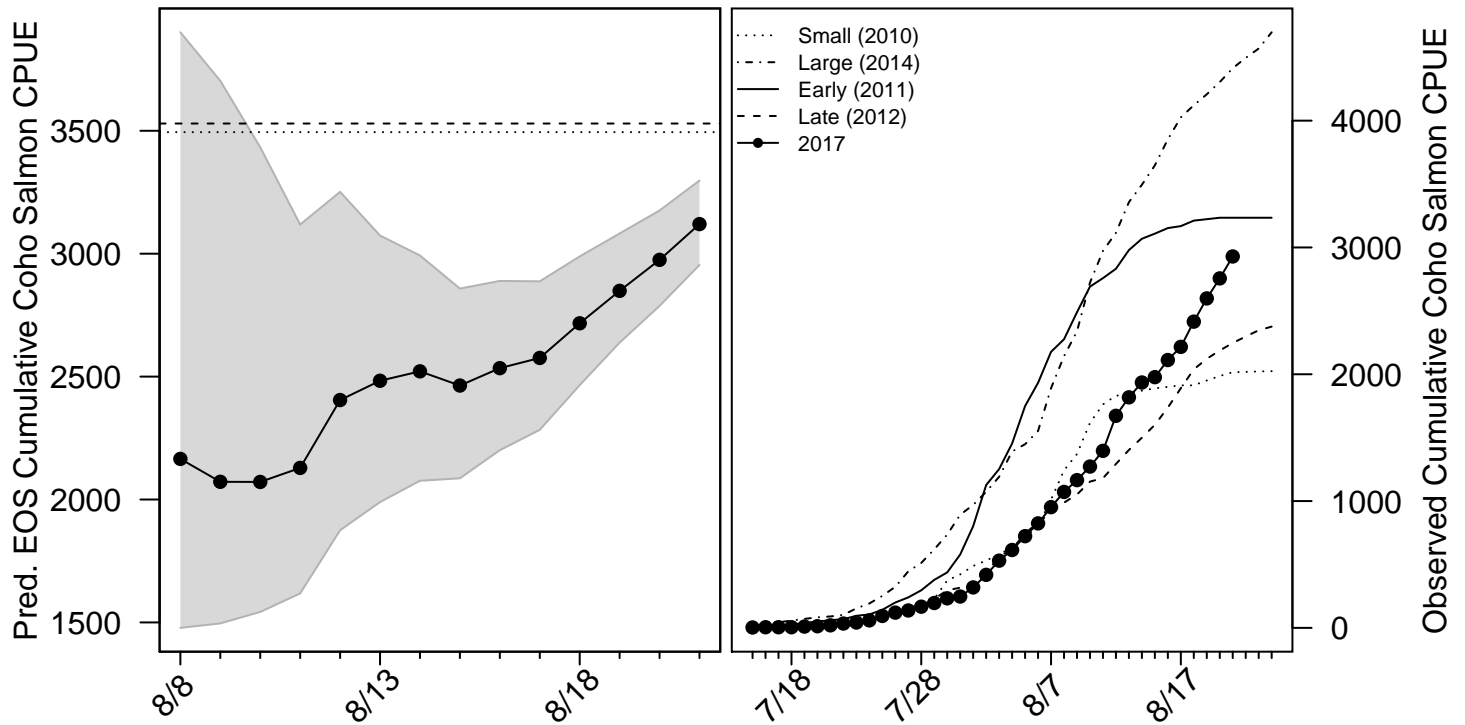
- http://www.adfg.alaska.gov/index.cfm?adfg=cfnews_mobile.main

Informational Packet

Coho Salmon (8/21)

- The BTF daily CPUE was **173**.
- The BTF cumulative CPUE is **2,929**.
- **4** years since 2008 (**44%**) fell below this cumulative CPUE.
- **94%** of the run is complete based on historical average run timing.
- No run timing forecast is available for coho salmon.
- **1 - 4%** of the run is expected to pass in the next 3 days.
- Over the last 3 days, coho salmon made up **99%** of the BTF catches, compared to **98%** on average.

Coho Figure 1. *Left:* predicted cumulative EOS BTF CPUE according to various run timing scenarios: central 80% (grey region) and the historical median. The dashed horizontal line shows the EOS value from 2016 and the dotted horizontal line shows the average since 2008. *Right:* The cumulative BTF CPUE from 2017 plotted along with four 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.

Informational Packet

Chinook, Chum, Sockeye Salmon Summaries

Chinook Salmon Summary

- The BTF daily CPUE was **0**.
- The BTF cumulative CPUE is **377**.
- If the run ended on 8/21, 50% of the run would have passed BTF on **6/27**, which is **4 days later** than average.
- The sonar completed operations on 7/26 with an EOS cumulative passage of **61,500 (45,800 - 77,100)**.
- The ATF completed operations on 7/15 with an EOS cumulative CPUE of **6,508**, compared to **2,729** in 2016 and **2,916** in 2015.
- The table below shows cumulative CPUE from the BTF from 2017 and in previous years.

Date	2017	2016	2015	2014	2013	5-Yr Avg.	2008 - 2016
							Avg.
8/18	377	687	625	650	261	528	557
8/19	377	687	625	650	261	528	557
8/20	377	687	625	650	261	528	557
8/21	377	687	625	650	261	528	557
EOS		687	625	650	261	528	557

Chum Salmon Summary

- The BTF daily CPUE was **2**.
- The BTF cumulative CPUE is **6,779**.
- If the run ended on 8/21, 50% of the run would have passed BTF on **7/7**, which is **2 days later** than average.
- The sonar completed operations on 7/26 with an EOS cumulative passage of **628,800 (553,400 - 704,100)**.
- The ATF completed operations on 7/15 with an EOS cumulative CPUE of **11,588**, compared to **5,304** in 2016 and **5,669** in 2015.
- The table below shows cumulative CPUE from the BTF from 2017 and in previous years.

Date	2017	2016	2015	2014	2013	5-Yr Avg.	2008 - 2016
							Avg.
8/18	6,774	3,889	2,937	6,336	5,693	5,149	6,489
8/19	6,774	3,889	2,937	6,336	5,698	5,150	6,490
8/20	6,777	3,889	2,942	6,338	5,701	5,152	6,491
8/21	6,779	3,889	2,943	6,339	5,703	5,153	6,492
EOS		3,894	2,943	6,343	5,708	5,156	6,496

Sockeye Salmon Summary

- The BTF daily CPUE was **2**.
- The BTF cumulative CPUE is **2,677**.
- If the run ended on 8/21, 50% of the run would have passed BTF on **7/7**, which is **8 days later** than average.
- The sonar completed operations on 7/26 with an EOS cumulative passage of **863,400 (759,500 - 967,300)**.
- The ATF completed operations on 7/15 with an EOS cumulative CPUE of **393**, compared to **405** in 2016 and **1,245** in 2015.
- The table below shows cumulative CPUE from the BTF from 2017 and in previous years.

Date	2017	2016	2015	2014	2013	5-Yr Avg.	2008 - 2016
							Avg.
8/18	2,675	2,457	2,152	1,365	1,146	1,658	1,601
8/19	2,675	2,457	2,153	1,367	1,146	1,659	1,601
8/20	2,675	2,458	2,153	1,367	1,146	1,659	1,602
8/21	2,677	2,460	2,157	1,367	1,146	1,660	1,602
EOS		2,463	2,157	1,367	1,146	1,661	1,603

Informational Packet

Coho Salmon Appendix

Coho Salmon Table A1. Cumulative CPUE from the BTF.

Date	2017	2016	2015	2014	2013	5-Yr Avg.	2008 - 2016 Avg.
8/18	2,415	2,655	2,303	4,121	2,512	2,726	3,101
8/19	2,598	2,770	2,375	4,208	2,624	2,820	3,180
8/20	2,756	2,956	2,453	4,304	2,669	2,914	3,258
8/21	2,929	3,211	2,528	4,413	2,717	3,023	3,336
8/22		3,313	2,629	4,495	2,785	3,104	3,395
8/23		3,415	2,688	4,569	2,834	3,171	3,444
8/24		3,530	2,736	4,697	2,865	3,241	3,495
EOS		3,530	2,736	4,697	2,865	3,241	3,495

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

Timing	Midpoint	8/21 Cumulative %
Earliest	7/29	100%
Early 10%	8/4	99%
Early 25%	8/6	98%
Median	8/8	94%
Late 25%	8/11	92%
Late 10%	8/12	89%
Latest	8/13	81%

Supplemental Kuskokwim River Salmon Escapement Data

Salmon escapement projects are located upriver from where the majority of salmon harvest occurs. As such, escapement data provide limited information about the status of salmon runs in season. Data from escapement projects are primarily used post season to assess escapement goals and trends.

Daily escapement information can be viewed online at the ADF&G Kuskokwim Management Area Fish Counts webpage. This can be accessed through the following link:

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

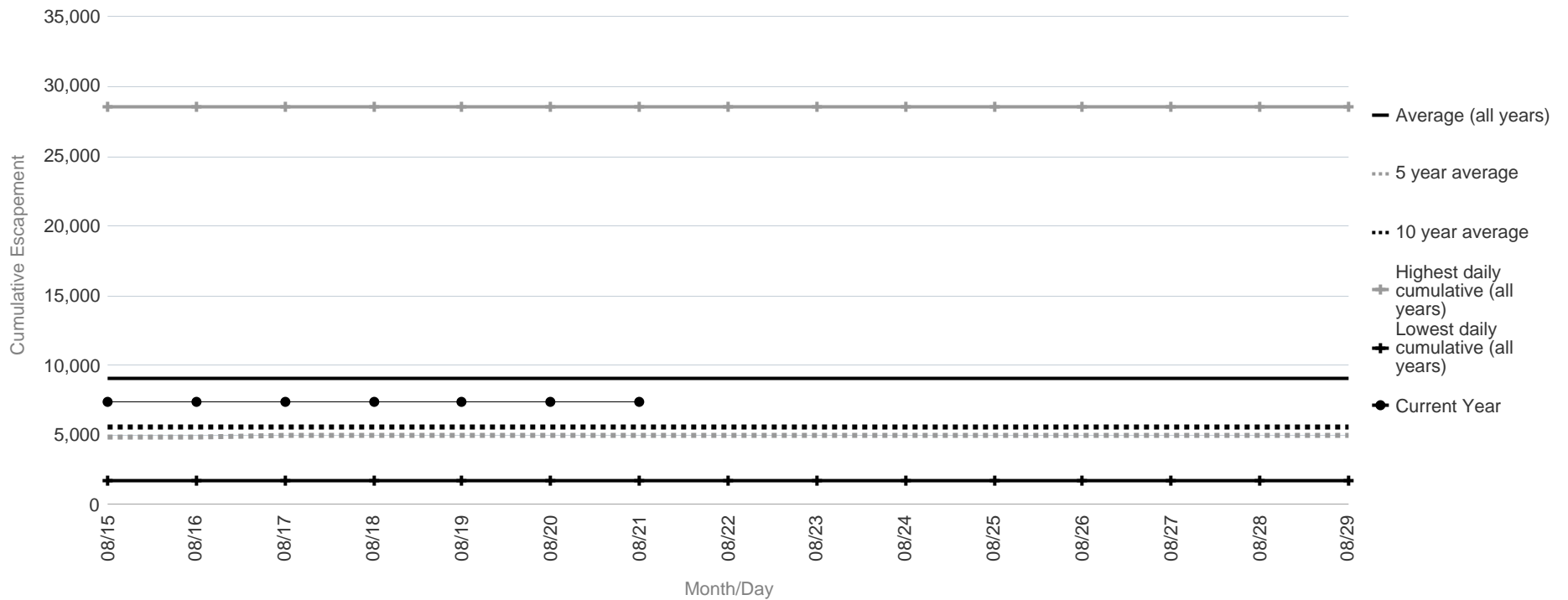
Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

Escapement Goal Range: 4,100 to 7,500

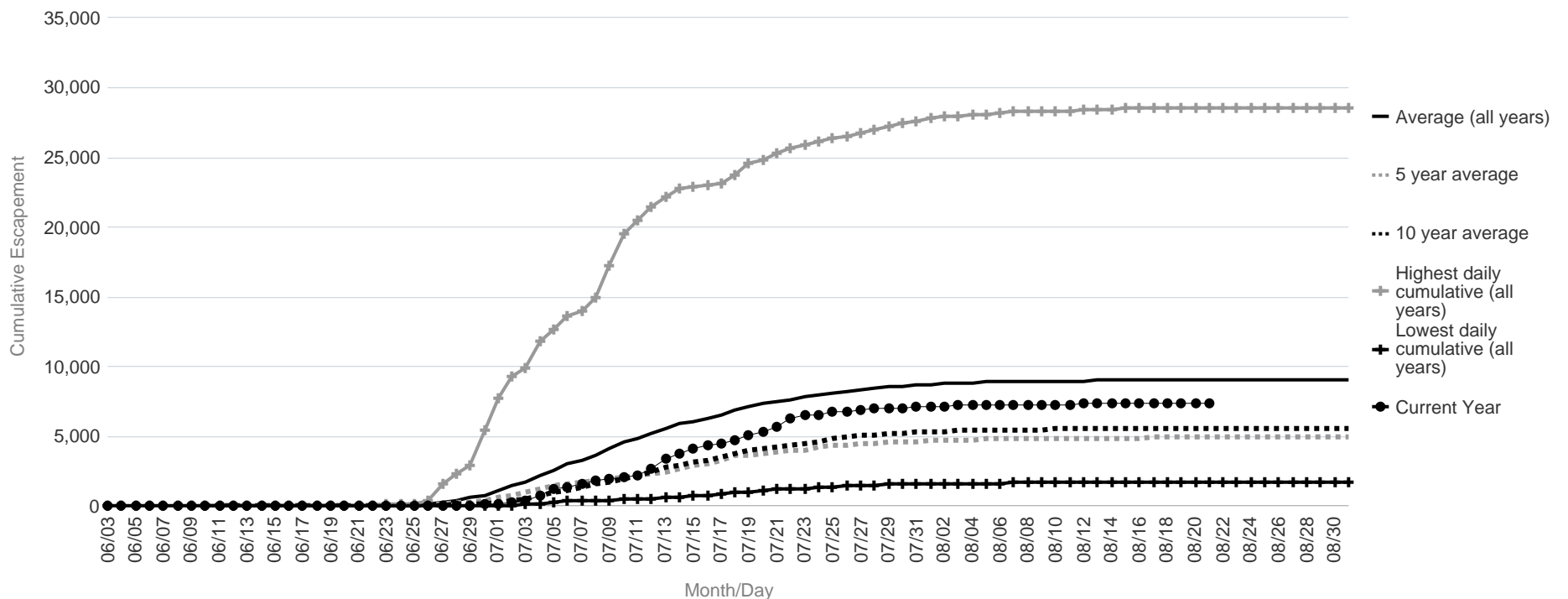
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	1,667	9,022	4,887	5,532	28,495	7,333
08/16	1,667	9,027	4,892	5,536	28,503	7,343
08/17	1,667	9,033	4,897	5,539	28,524	7,353
08/18	1,667	9,038	4,901	5,542	28,540	7,359
08/19	1,667	9,043	4,908	5,546	28,557	7,364
08/20	1,667	9,047	4,914	5,548	28,564	7,371
08/21	1,667	9,051	4,919	5,551	28,573	7,376
08/22	1,668	9,054	4,924	5,554	28,579	
08/23	1,668	9,057	4,933	5,558	28,585	
08/24	1,668	9,060	4,940	5,561	28,587	
08/25	1,668	9,062	4,945	5,563	28,589	
08/26	1,668	9,064	4,947	5,564	28,592	
08/27	1,668	9,065	4,948	5,566	28,593	
08/28	1,668	9,066	4,950	5,568	28,596	
08/29	1,668	9,068	4,953	5,569	28,599	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	1,668	9,073	4,968	5,575	28,605

Focused Two-Week Data View



Season Total Overview

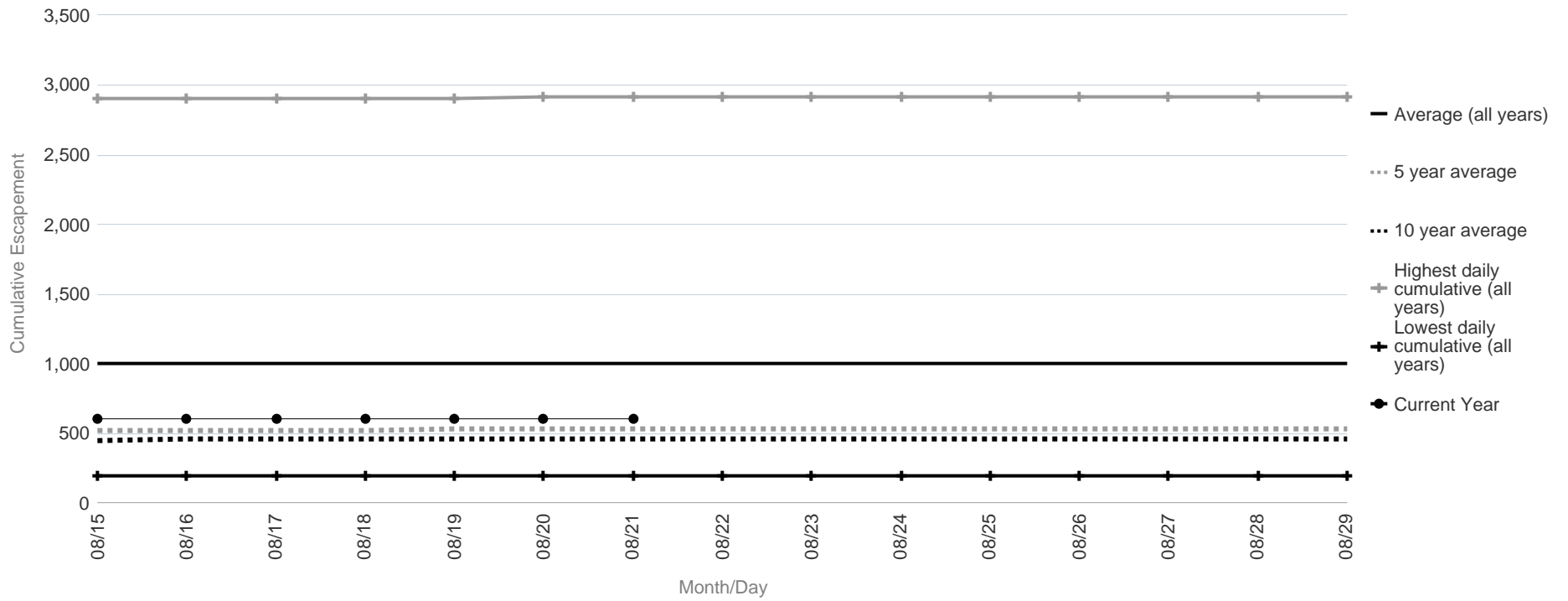


Tuluksak River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

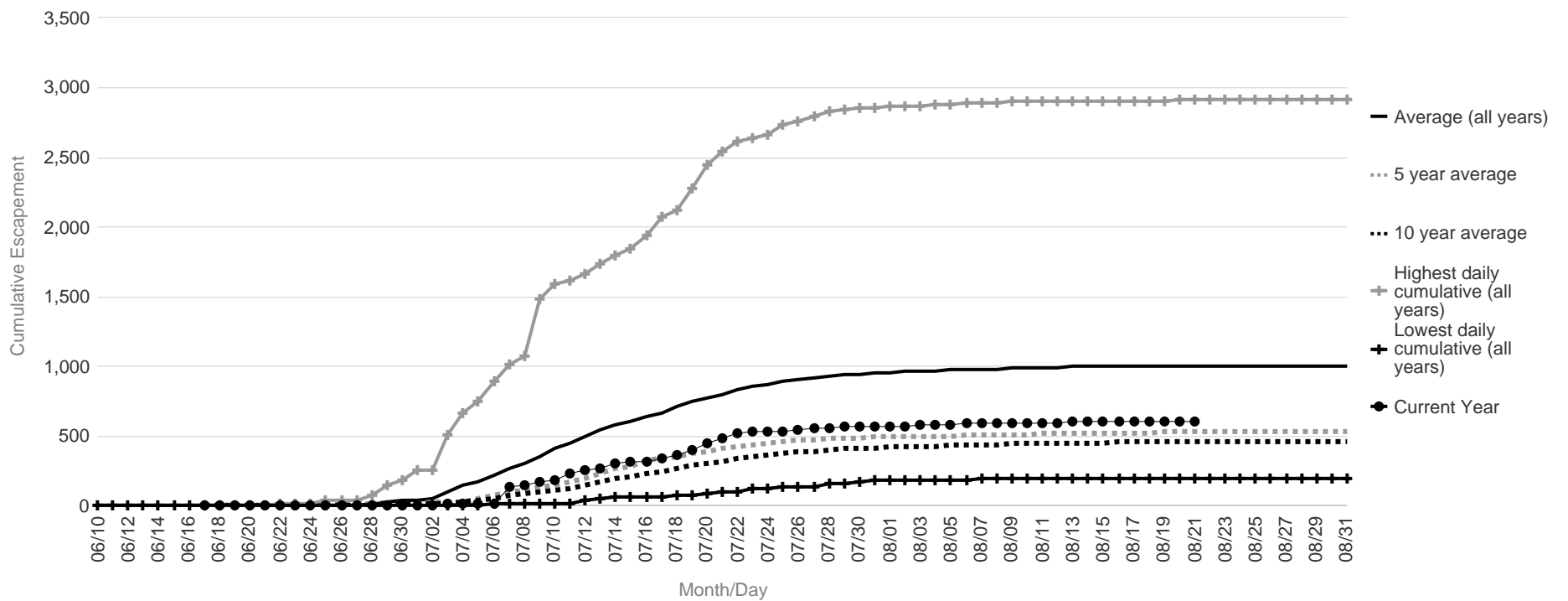
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	192	997	525	453	2,907	599
08/16	192	998	525	454	2,908	599
08/17	192	998	526	454	2,908	599
08/18	192	998	526	454	2,909	599
08/19	192	999	526	454	2,909	600
08/20	192	999	526	454	2,910	603
08/21	193	1,000	527	455	2,911	604
08/22	193	1,000	528	456	2,911	
08/23	193	1,001	528	456	2,911	
08/24	193	1,001	528	456	2,911	
08/25	193	1,001	529	457	2,911	
08/26	193	1,001	529	457	2,911	
08/27	193	1,001	529	457	2,911	
08/28	193	1,002	530	457	2,912	
08/29	193	1,002	530	457	2,912	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	193	1,005	538	461	2,918

Focused Two-Week Data View



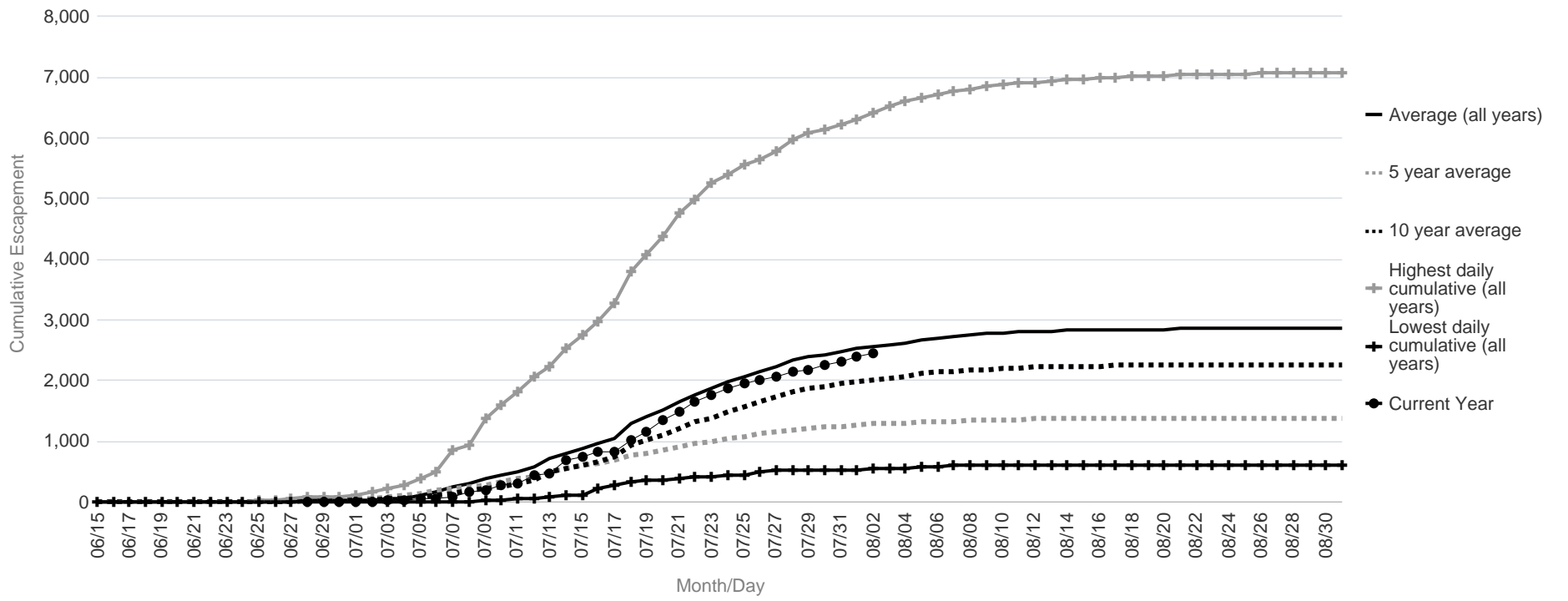
Season Total Overview



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

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count	2017
Season Total	625	2,866	1,391	2,264	7,075	2,440

Season Total Overview



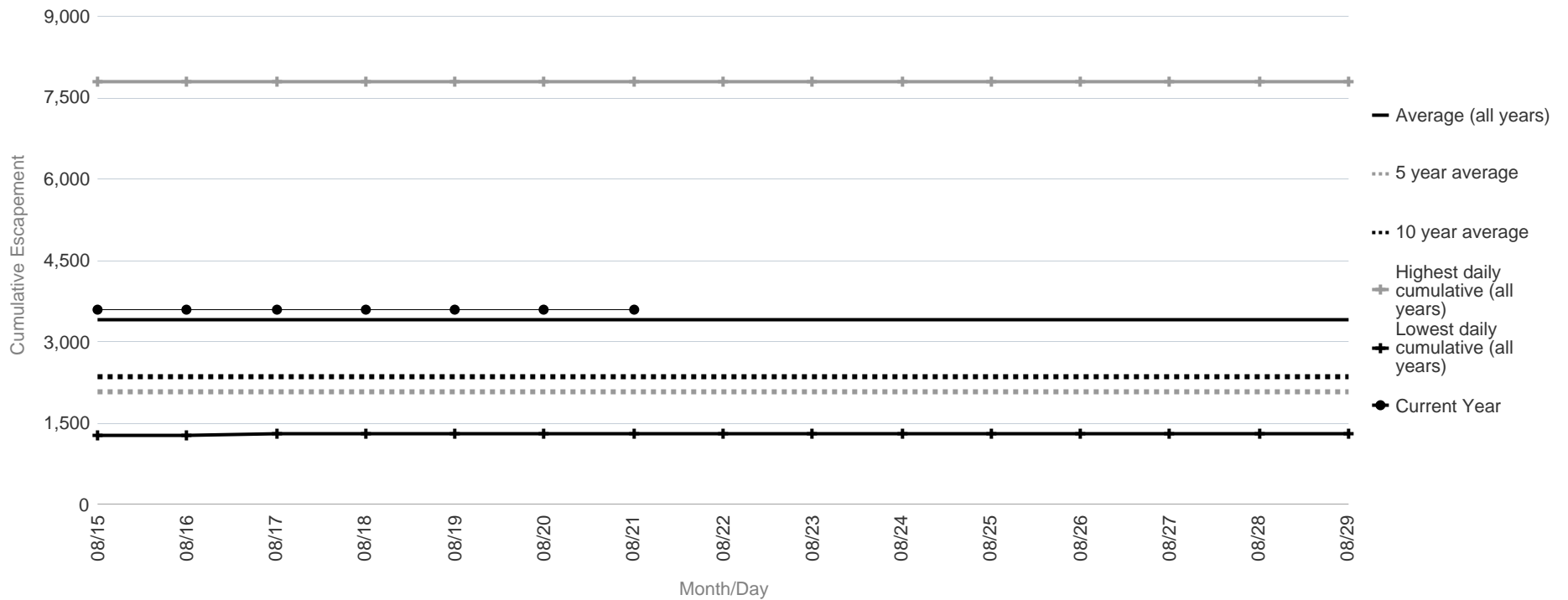
George River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

Escapement Goal Range: 1,800 to 3,300

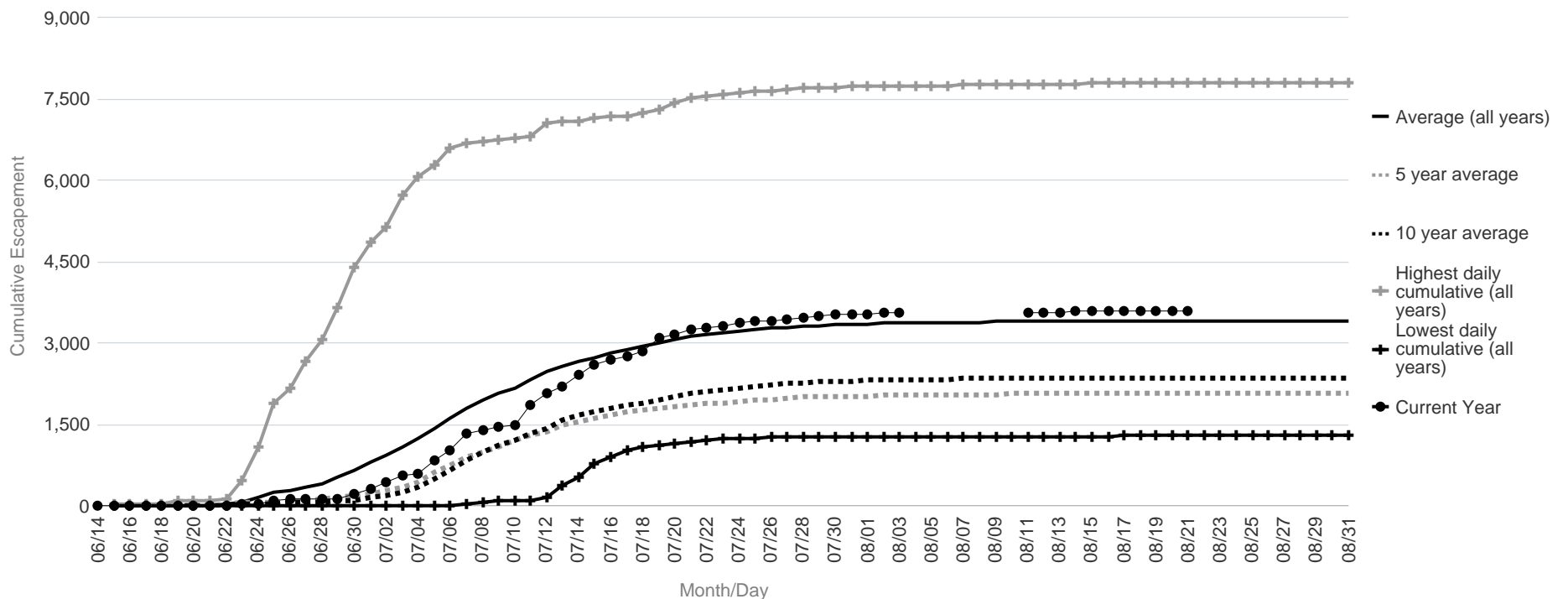
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	1,288	3,414	2,075	2,362	7,794	3,588
08/16	1,288	3,416	2,076	2,364	7,802	3,589
08/17	1,290	3,418	2,078	2,365	7,803	3,589
08/18	1,290	3,419	2,078	2,366	7,804	3,591
08/19	1,290	3,420	2,081	2,367	7,804	3,593
08/20	1,290	3,420	2,081	2,367	7,807	3,593
08/21	1,291	3,421	2,082	2,368	7,809	3,598
08/22	1,291	3,421	2,082	2,368	7,810	
08/23	1,292	3,422	2,082	2,369	7,810	
08/24	1,292	3,422	2,083	2,369	7,810	
08/25	1,292	3,422	2,083	2,369	7,810	
08/26	1,292	3,423	2,084	2,370	7,810	
08/27	1,292	3,423	2,084	2,370	7,810	
08/28	1,292	3,424	2,084	2,370	7,810	
08/29	1,292	3,424	2,084	2,370	7,810	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	1,292	3,426	2,086	2,371	7,810

Focused Two-Week Data View



Season Total Overview



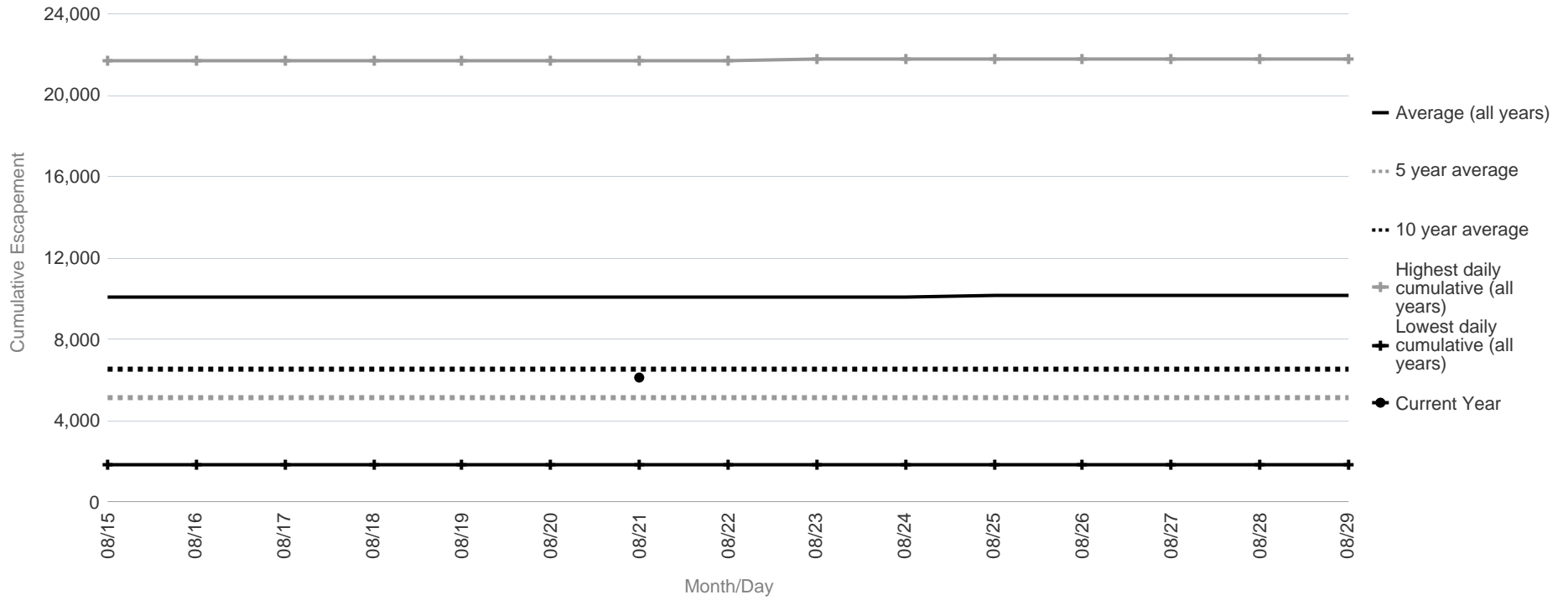
Kogrukluk River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

Escapement Goal Range: 4,800 to 8,800

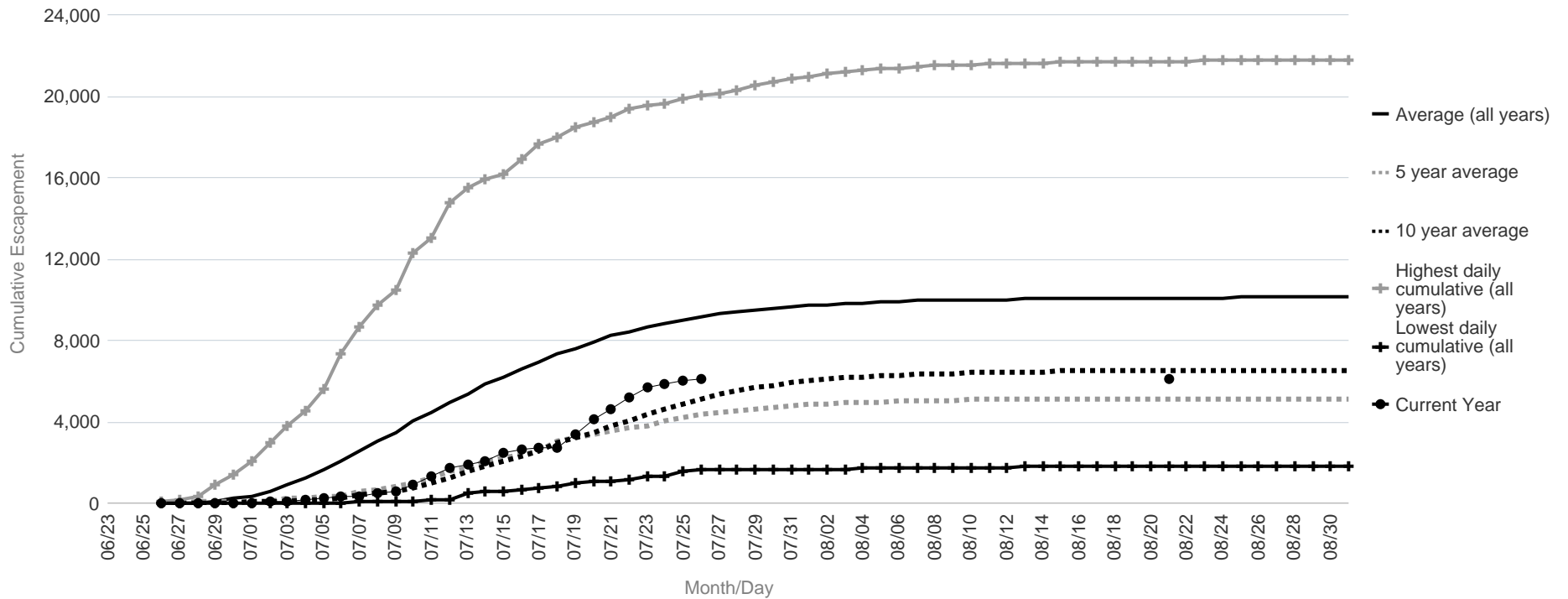
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	1,799	10,073	5,134	6,502	21,691	
08/16	1,802	10,082	5,140	6,513	21,698	
08/17	1,805	10,090	5,145	6,523	21,707	
08/18	1,808	10,097	5,148	6,531	21,730	
08/19	1,810	10,103	5,154	6,537	21,746	
08/20	1,812	10,108	5,157	6,542	21,755	
08/21	1,814	10,113	5,161	6,547	21,763	6,087
08/22	1,816	10,117	5,163	6,550	21,766	
08/23	1,816	10,121	5,164	6,552	21,770	
08/24	1,817	10,124	5,165	6,554	21,782	
08/25	1,818	10,127	5,167	6,557	21,790	
08/26	1,818	10,129	5,168	6,558	21,795	
08/27	1,819	10,131	5,168	6,559	21,799	
08/28	1,819	10,132	5,168	6,559	21,803	
08/29	1,819	10,134	5,168	6,560	21,806	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	1,819	10,139	5,172	6,564	21,819

Focused Two-Week Data View



Season Total Overview

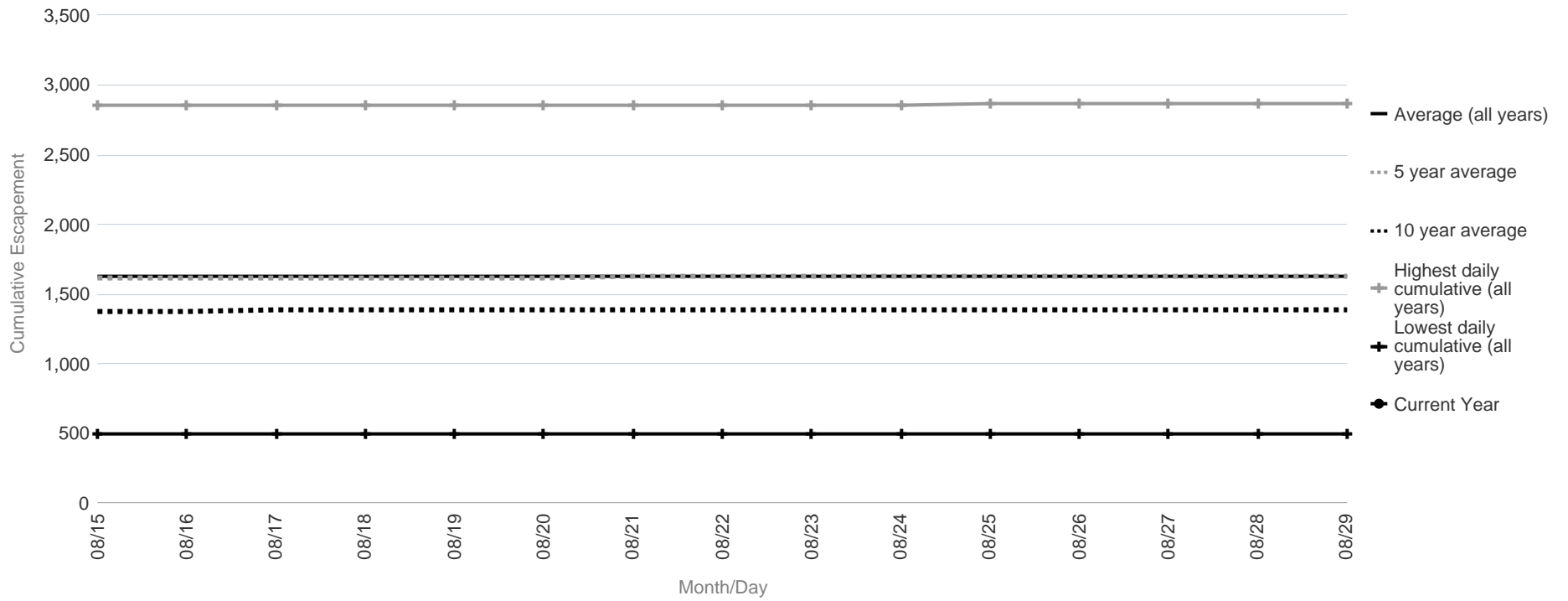


Tatlawiksuk River Salmon Monitoring Project Cumulative Daily Passage of Chinook Salmon

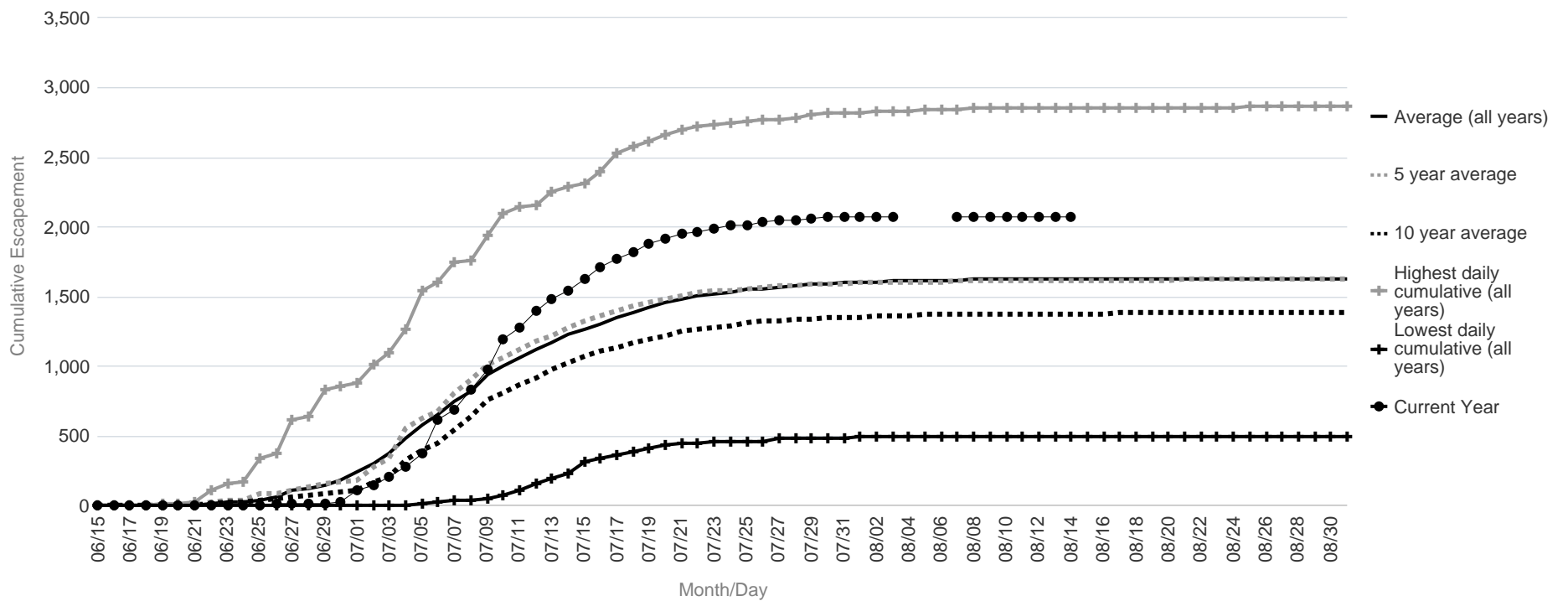
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	495	1,628	1,620	1,380	2,855	
08/16	495	1,629	1,621	1,380	2,856	
08/17	495	1,629	1,621	1,381	2,856	
08/18	495	1,629	1,621	1,381	2,857	
08/19	495	1,629	1,621	1,381	2,857	
08/20	495	1,629	1,621	1,381	2,858	
08/21	495	1,630	1,622	1,382	2,858	
08/22	495	1,630	1,622	1,382	2,860	
08/23	495	1,630	1,622	1,382	2,860	
08/24	495	1,630	1,622	1,382	2,861	
08/25	495	1,630	1,622	1,382	2,862	
08/26	495	1,630	1,622	1,382	2,863	
08/27	495	1,631	1,622	1,382	2,864	
08/28	495	1,631	1,622	1,382	2,864	
08/29	495	1,631	1,622	1,383	2,864	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	495	1,631	1,623	1,383	2,864

Focused Two-Week Data View



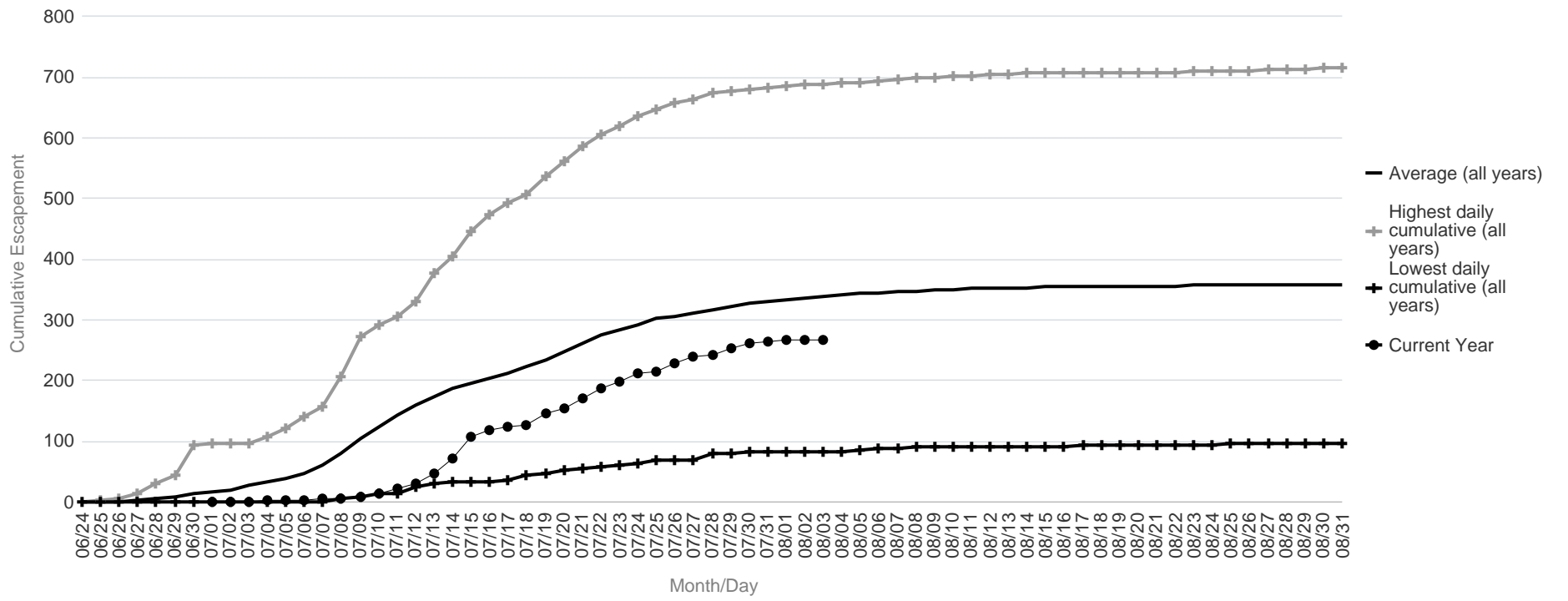
Season Total Overview



Takotna River Salmon Monitoring Project Passage of Chinook Salmon

	Lowest Count	Average Count	Highest Count	2017
Season Total	97	361	718	268

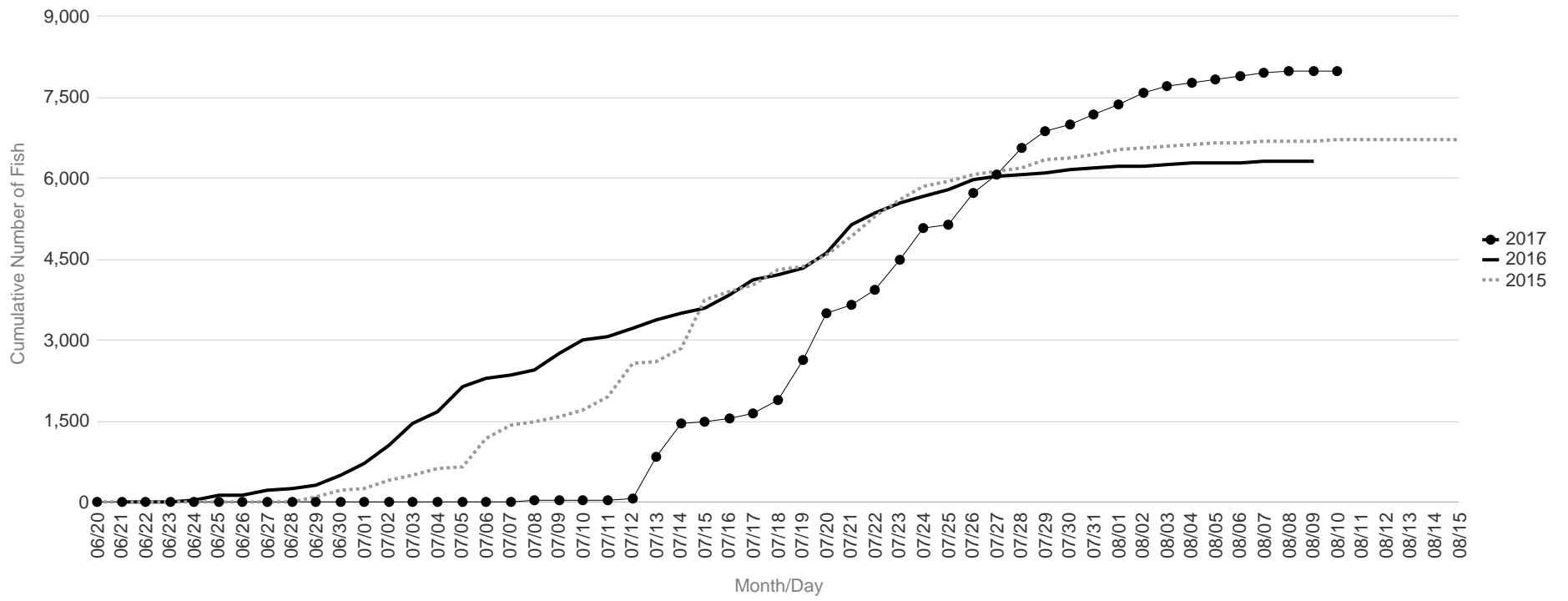
Season Total Overview



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

	2015	2016	2017
Season Total	6,736	6,326	8,003

Season Total Overview

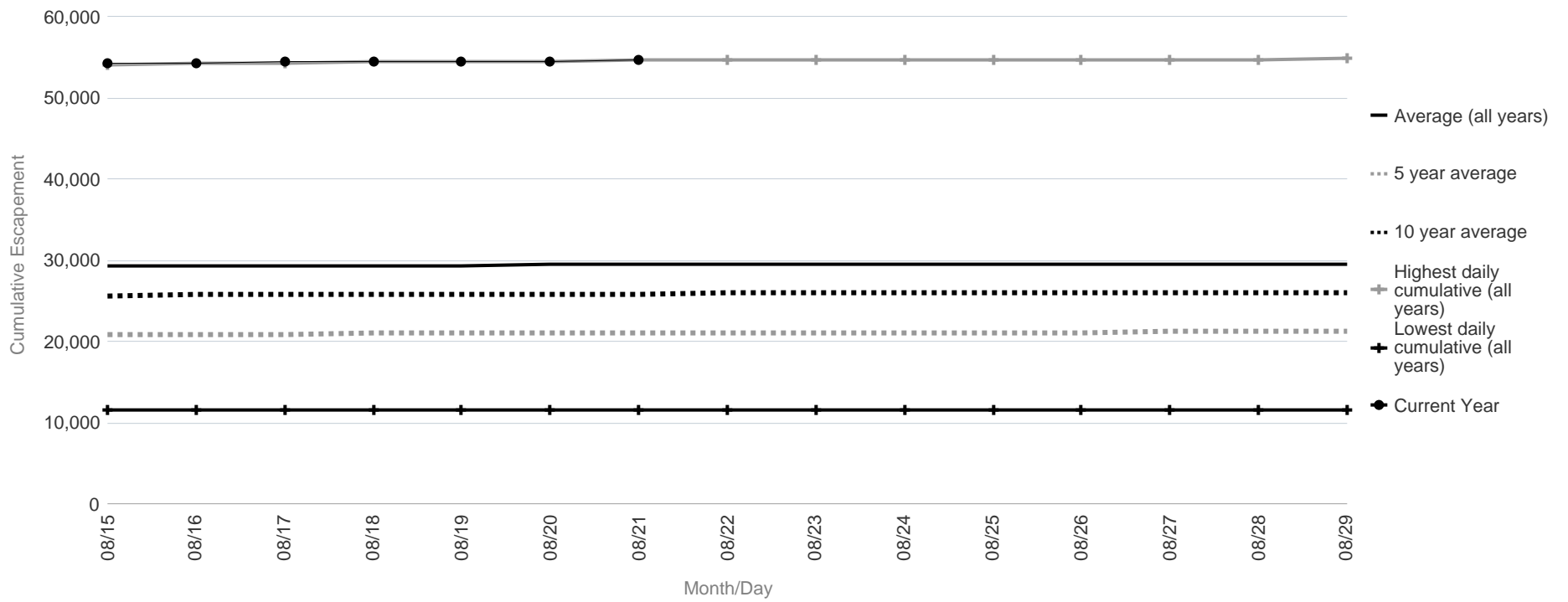


Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

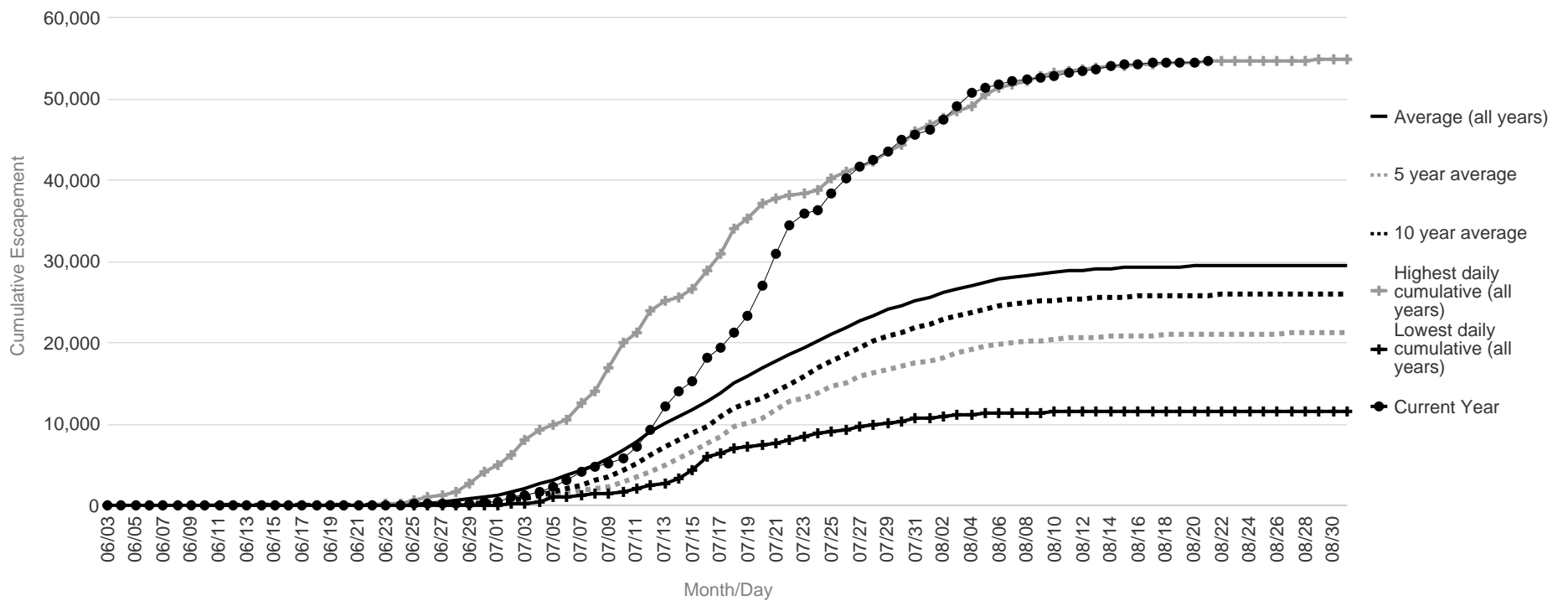
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	11,604	29,269	20,883	25,704	54,166	54,225
08/16	11,610	29,314	20,919	25,745	54,255	54,346
08/17	11,620	29,359	20,956	25,792	54,379	54,427
08/18	11,635	29,399	20,989	25,831	54,483	54,498
08/19	11,644	29,430	21,025	25,865	54,546	54,545
08/20	11,648	29,460	21,062	25,895	54,599	54,591
08/21	11,650	29,485	21,094	25,921	54,643	54,655
08/22	11,654	29,506	21,120	25,943	54,676	
08/23	11,658	29,521	21,139	25,958	54,698	
08/24	11,661	29,533	21,157	25,970	54,716	
08/25	11,663	29,545	21,173	25,985	54,763	
08/26	11,674	29,556	21,187	25,997	54,787	
08/27	11,684	29,564	21,198	26,006	54,804	
08/28	11,684	29,571	21,206	26,015	54,817	
08/29	11,686	29,577	21,215	26,022	54,835	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	11,691	29,618	21,294	26,071	54,913

Focused Two-Week Data View



Season Total Overview

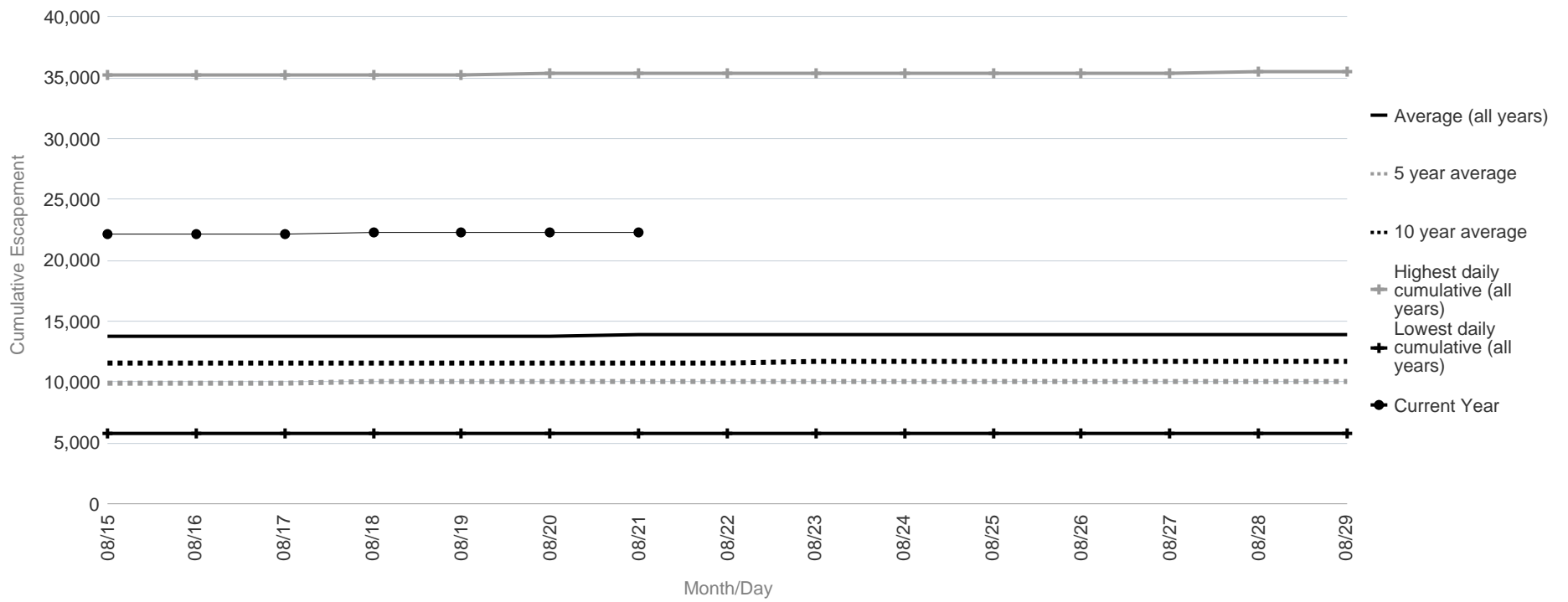


Tuluksak River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

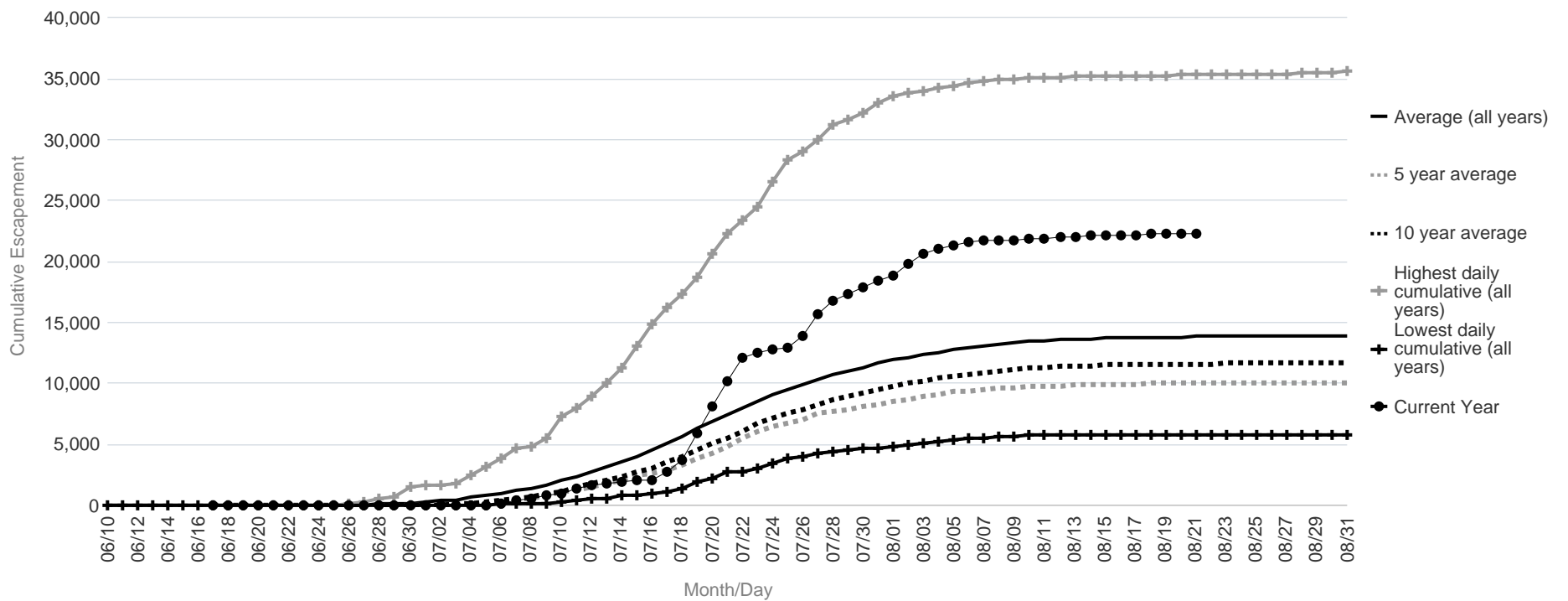
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	5,790	13,734	9,950	11,538	35,231	22,173
08/16	5,794	13,763	9,968	11,563	35,248	22,200
08/17	5,800	13,792	9,988	11,591	35,263	22,228
08/18	5,804	13,815	10,002	11,608	35,290	22,247
08/19	5,813	13,832	10,014	11,619	35,301	22,264
08/20	5,814	13,850	10,023	11,630	35,318	22,274
08/21	5,827	13,866	10,033	11,639	35,349	22,283
08/22	5,830	13,877	10,044	11,648	35,380	
08/23	5,831	13,891	10,056	11,658	35,397	
08/24	5,831	13,899	10,064	11,665	35,406	
08/25	5,832	13,910	10,073	11,672	35,418	
08/26	5,833	13,922	10,083	11,679	35,433	
08/27	5,833	13,932	10,086	11,685	35,451	
08/28	5,833	13,940	10,093	11,690	35,475	
08/29	5,835	13,949	10,099	11,695	35,517	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	5,868	13,997	10,170	11,741	35,696

Focused Two-Week Data View



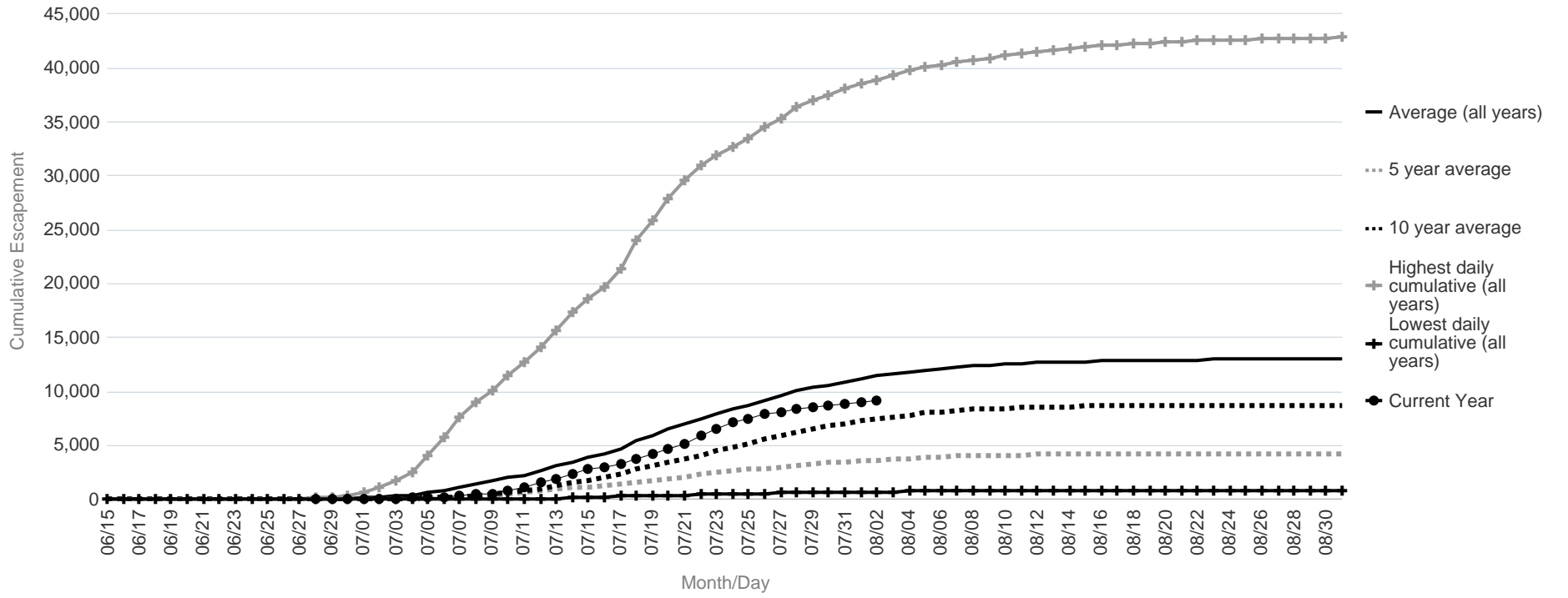
Season Total Overview



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

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count	2017
Season Total	816	13,013	4,272	8,754	42,825	9,116

Season Total Overview

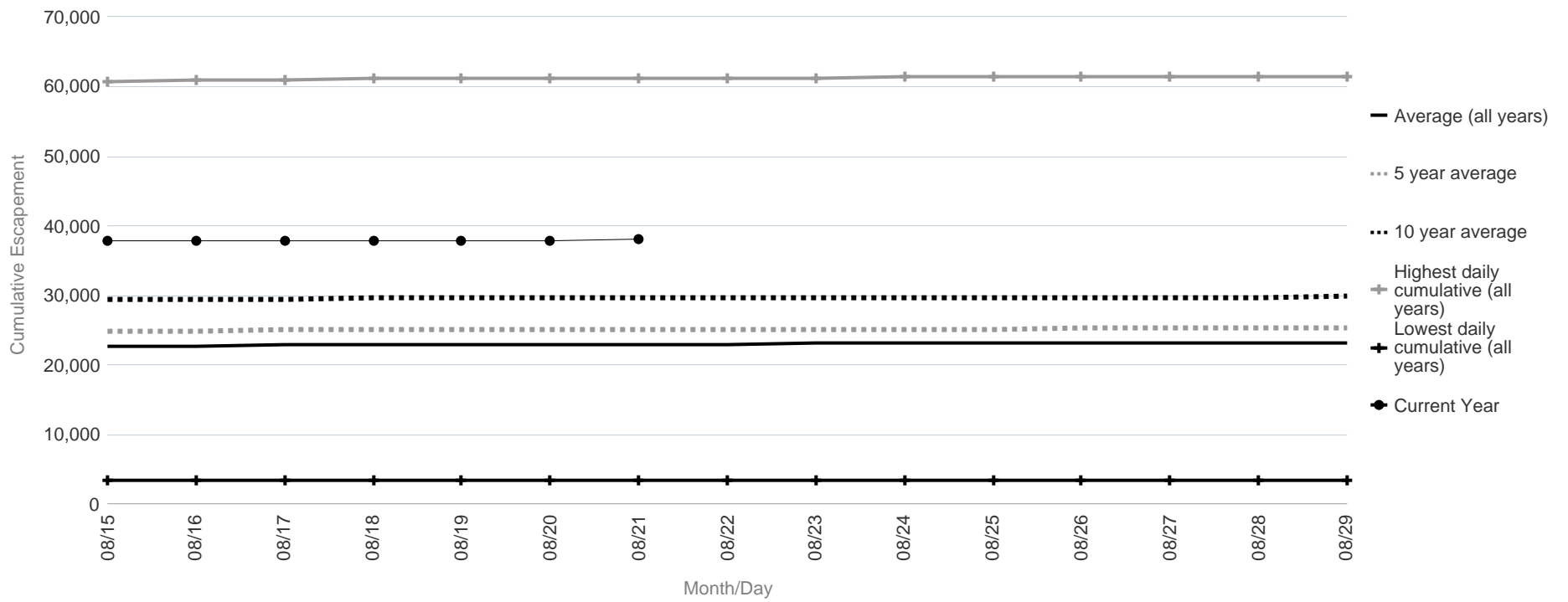


George River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

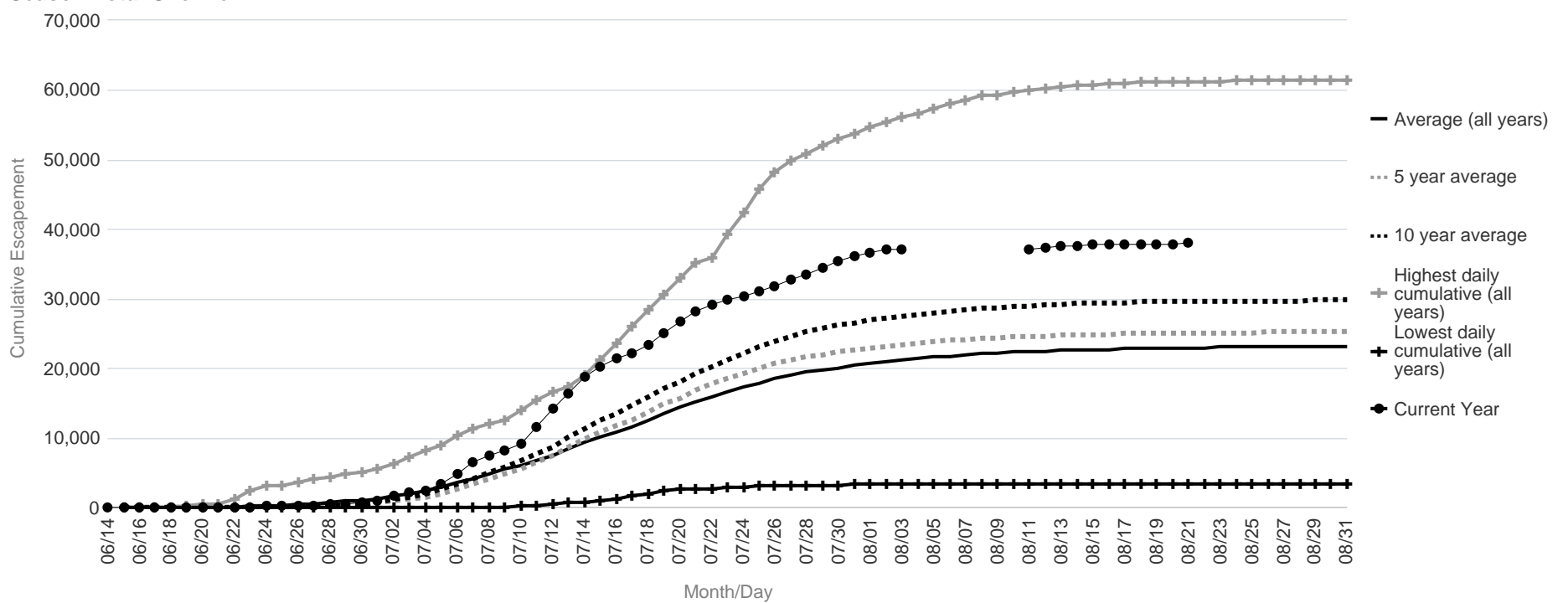
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	3,475	22,737	24,909	29,377	60,783	37,739
08/16	3,477	22,788	24,958	29,434	60,899	37,790
08/17	3,479	22,839	25,008	29,491	60,991	37,823
08/18	3,480	22,893	25,050	29,544	61,088	37,886
08/19	3,483	22,932	25,073	29,583	61,155	37,934
08/20	3,490	22,969	25,097	29,621	61,220	37,960
08/21	3,494	22,999	25,115	29,645	61,245	37,985
08/22	3,494	23,030	25,141	29,674	61,286	
08/23	3,495	23,057	25,162	29,700	61,318	
08/24	3,495	23,081	25,181	29,722	61,342	
08/25	3,498	23,100	25,199	29,736	61,358	
08/26	3,499	23,115	25,222	29,751	61,373	
08/27	3,500	23,128	25,235	29,762	61,389	
08/28	3,501	23,141	25,250	29,773	61,410	
08/29	3,502	23,153	25,265	29,784	61,421	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	3,507	23,223	25,344	29,852	61,531

Focused Two-Week Data View



Season Total Overview



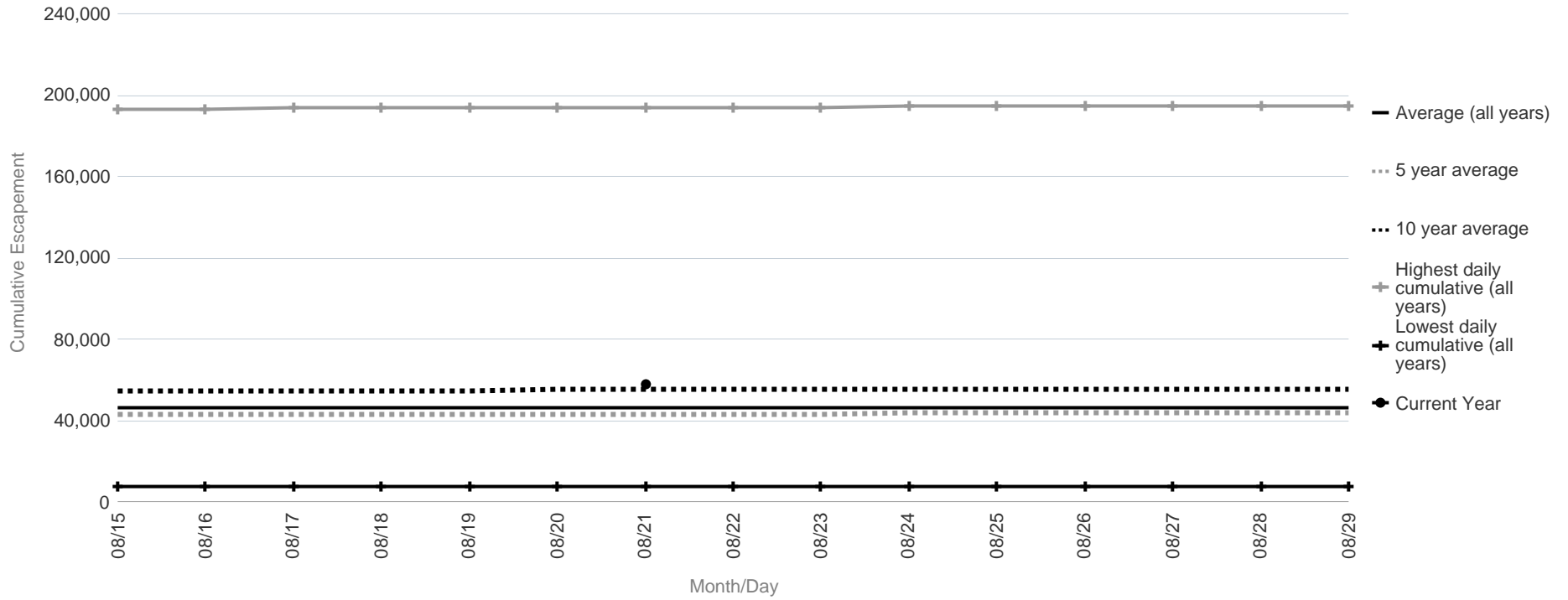
Kogrukluk River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

Escapement Goal Range: 15,000 to 49,000

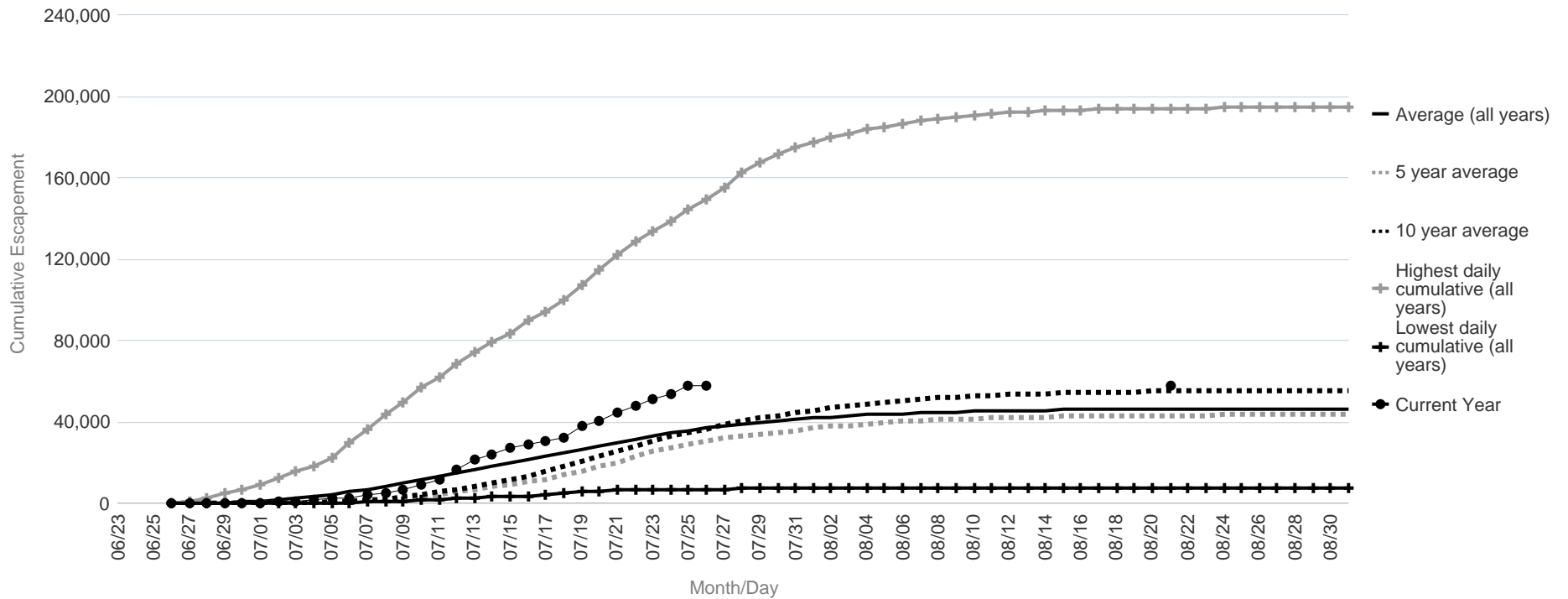
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	7,938	46,004	42,740	54,323	193,442	
08/16	7,953	46,112	42,898	54,543	193,646	
08/17	7,958	46,208	43,036	54,740	193,834	
08/18	7,960	46,289	43,120	54,900	193,995	
08/19	7,962	46,358	43,198	55,019	194,146	
08/20	7,966	46,418	43,259	55,123	194,258	
08/21	7,967	46,477	43,330	55,228	194,356	57,857
08/22	7,967	46,531	43,406	55,324	194,416	
08/23	7,967	46,578	43,466	55,399	194,479	
08/24	7,967	46,623	43,531	55,469	194,579	
08/25	7,968	46,663	43,574	55,529	194,644	
08/26	7,968	46,684	43,614	55,583	194,673	
08/27	7,968	46,697	43,642	55,606	194,695	
08/28	7,970	46,707	43,660	55,619	194,720	
08/29	7,970	46,715	43,672	55,631	194,746	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	7,975	46,748	43,734	55,690	194,887

Focused Two-Week Data View



Season Total Overview

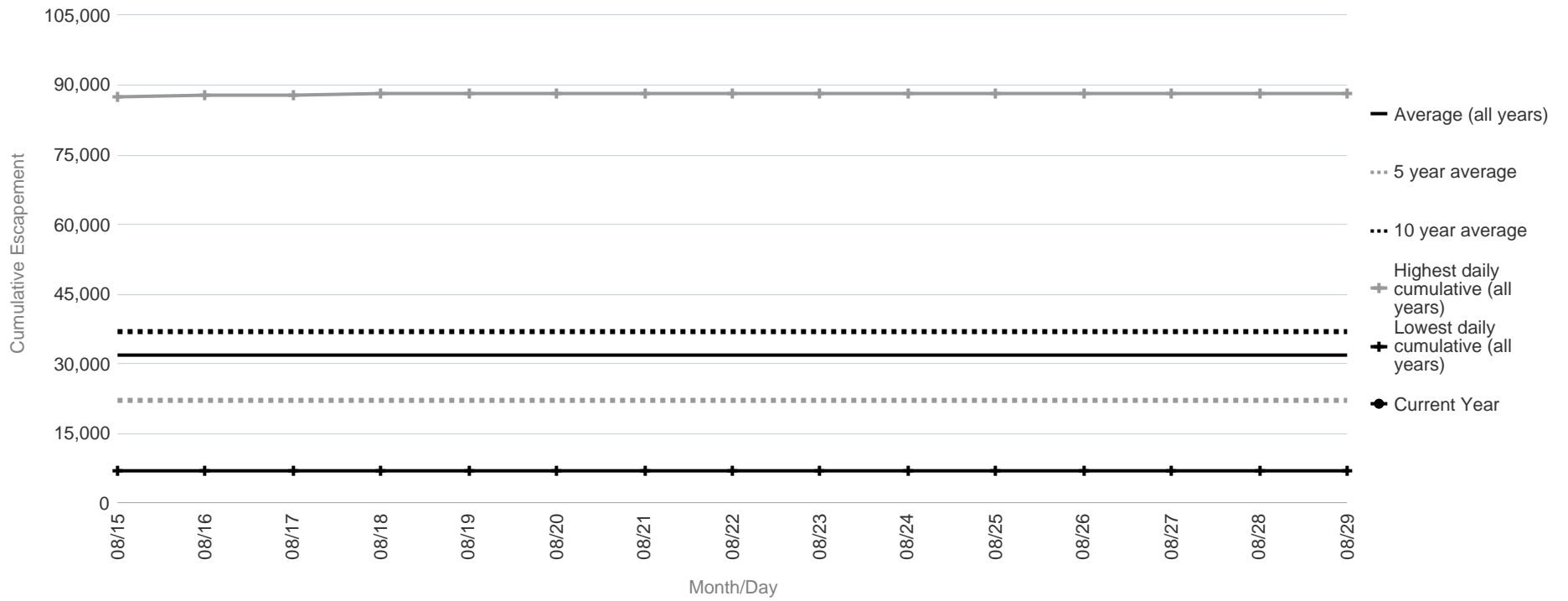


Tatlawiksuk River Salmon Monitoring Project Cumulative Daily Passage of Chum Salmon

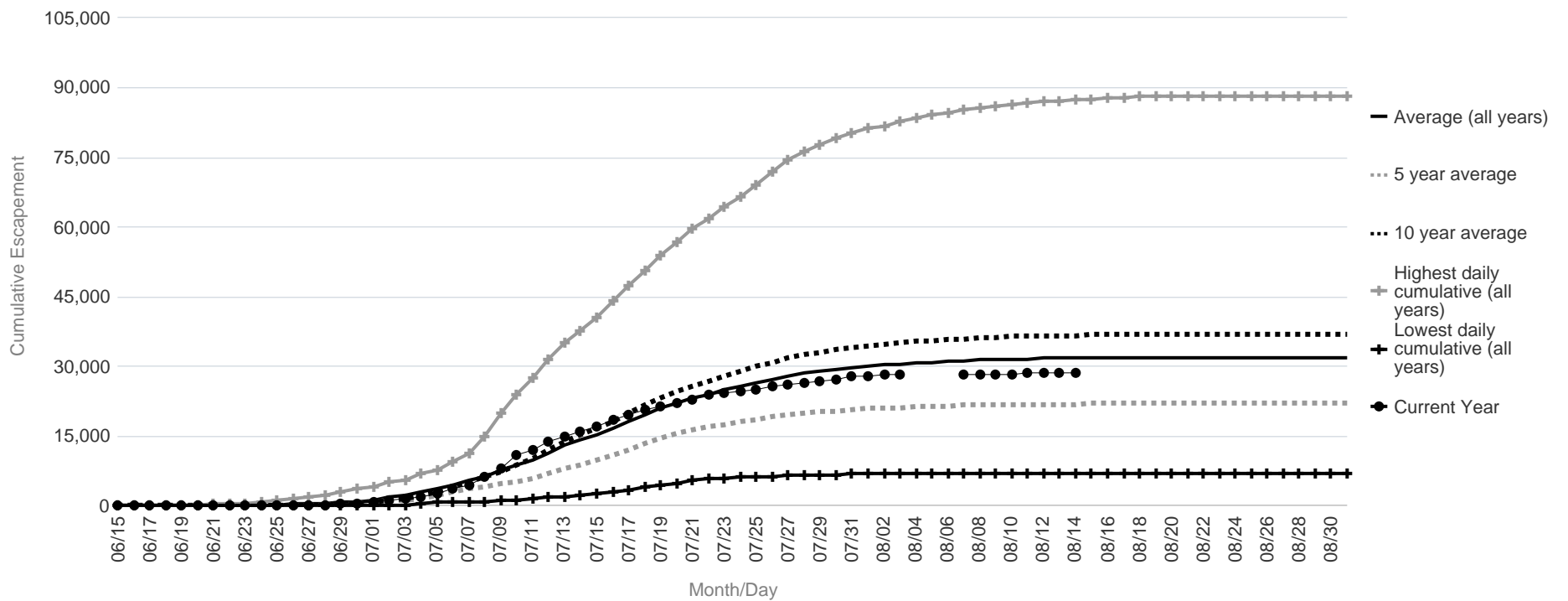
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	7,001	31,818	21,923	36,735	87,624	
08/16	7,011	31,852	21,942	36,782	87,777	
08/17	7,020	31,877	21,959	36,815	87,910	
08/18	7,028	31,903	21,976	36,851	88,026	
08/19	7,035	31,926	21,985	36,877	88,126	
08/20	7,041	31,943	21,994	36,894	88,134	
08/21	7,046	31,957	22,002	36,908	88,135	
08/22	7,051	31,975	22,008	36,926	88,145	
08/23	7,055	31,985	22,013	36,933	88,154	
08/24	7,059	31,993	22,020	36,940	88,158	
08/25	7,062	31,999	22,023	36,945	88,165	
08/26	7,065	32,004	22,024	36,947	88,168	
08/27	7,068	32,009	22,025	36,950	88,178	
08/28	7,070	32,013	22,028	36,954	88,186	
08/29	7,072	32,017	22,028	36,956	88,189	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	7,076	32,034	22,043	36,974	88,202

Focused Two-Week Data View



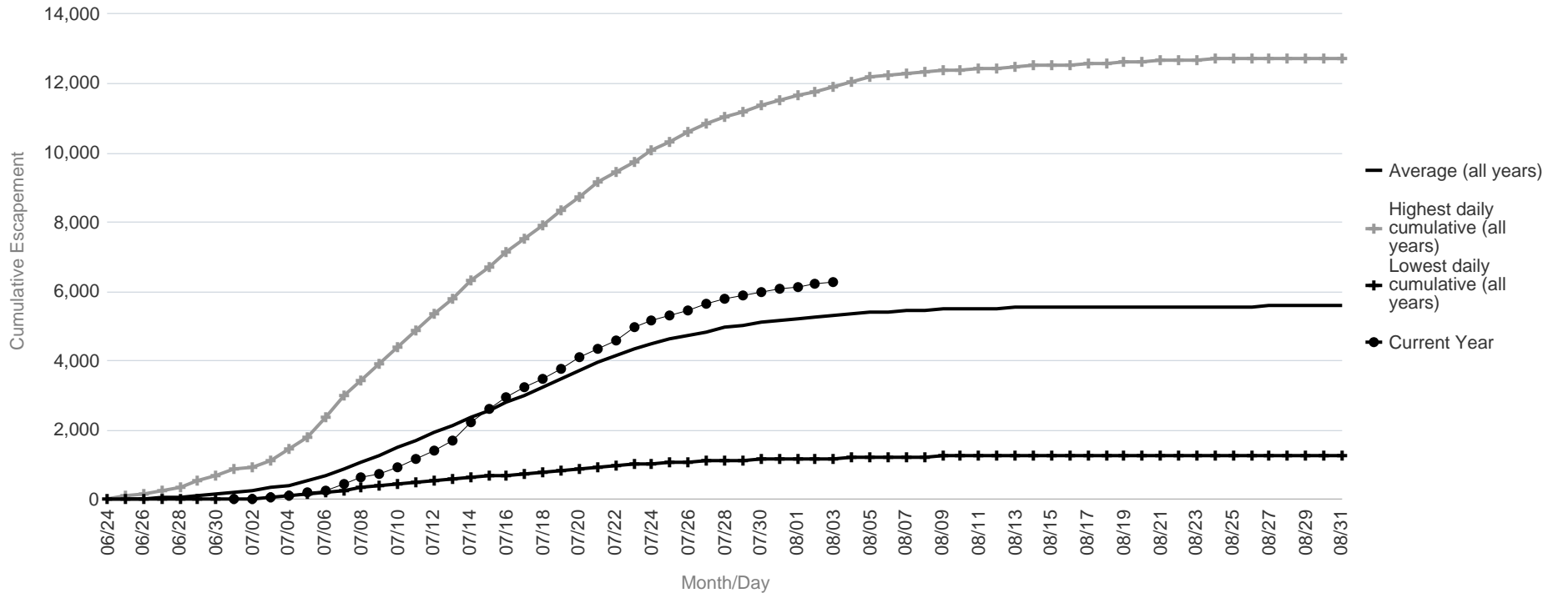
Season Total Overview



Takotna River Salmon Monitoring Project Passage of Chum Salmon

	Lowest Count	Average Count	Highest Count	2017
Season Total	1,265	5,576	12,729	6,250

Season Total Overview

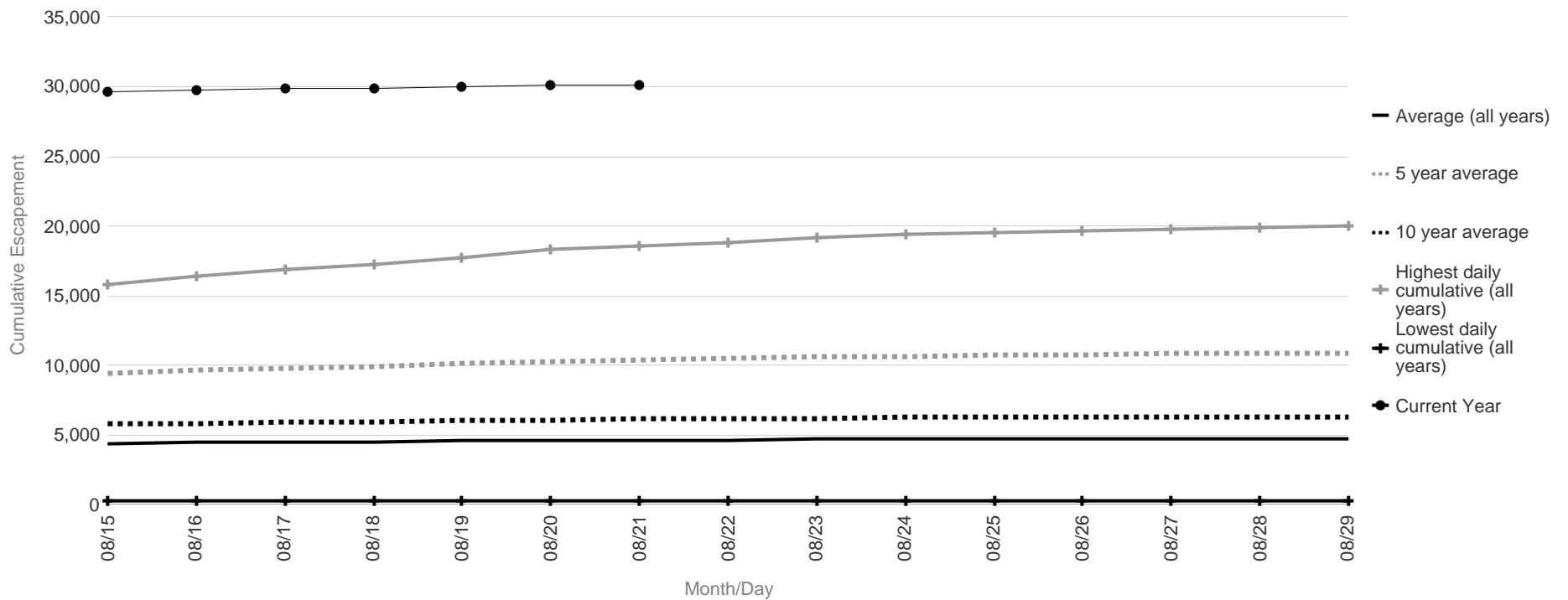


Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Sockeye Salmon

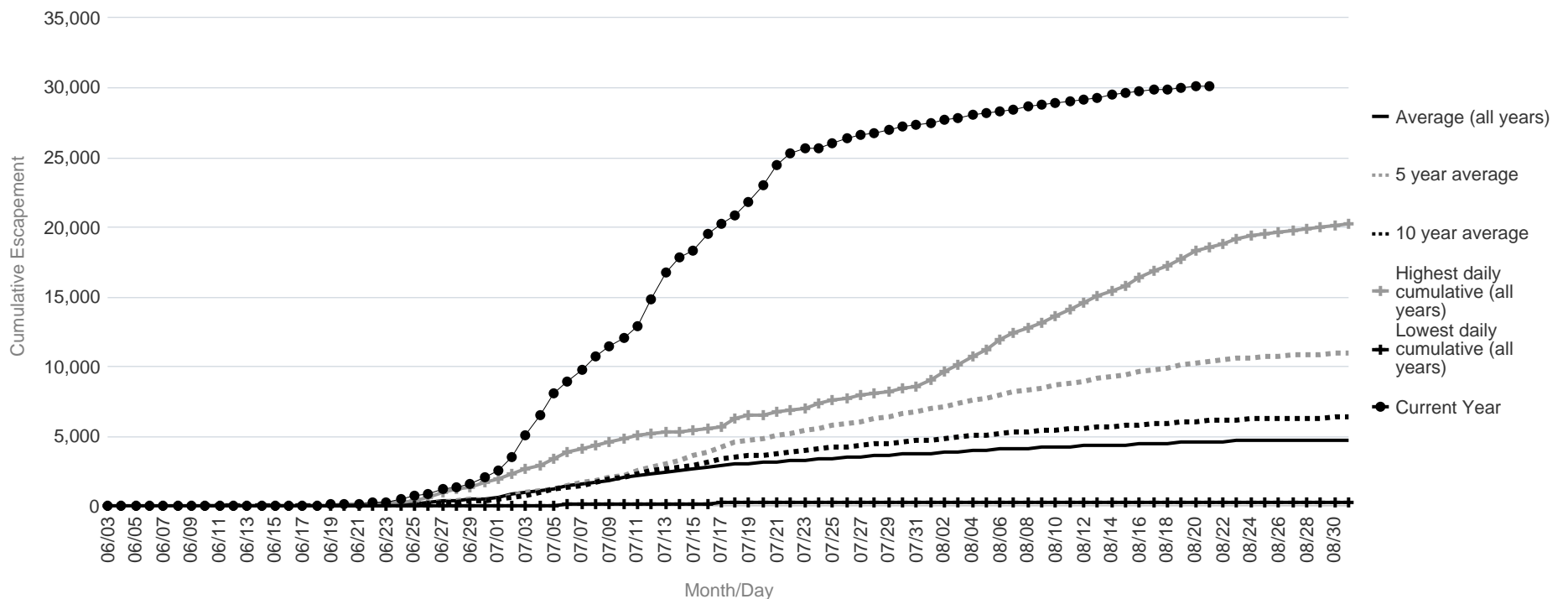
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	259	4,413	9,431	5,774	15,845	29,613
08/16	263	4,454	9,613	5,844	16,375	29,754
08/17	263	4,489	9,771	5,905	16,834	29,861
08/18	264	4,522	9,916	5,961	17,249	29,935
08/19	264	4,557	10,073	6,020	17,707	30,015
08/20	268	4,600	10,266	6,093	18,264	30,085
08/21	268	4,628	10,382	6,138	18,590	30,145
08/22	269	4,648	10,471	6,173	18,847	
08/23	269	4,674	10,584	6,217	19,173	
08/24	272	4,694	10,670	6,250	19,414	
08/25	272	4,707	10,724	6,271	19,562	
08/26	272	4,715	10,758	6,285	19,639	
08/27	272	4,726	10,806	6,304	19,764	
08/28	272	4,735	10,844	6,319	19,868	
08/29	272	4,746	10,893	6,338	20,000	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	272	4,793	11,090	6,415	20,495

Focused Two-Week Data View



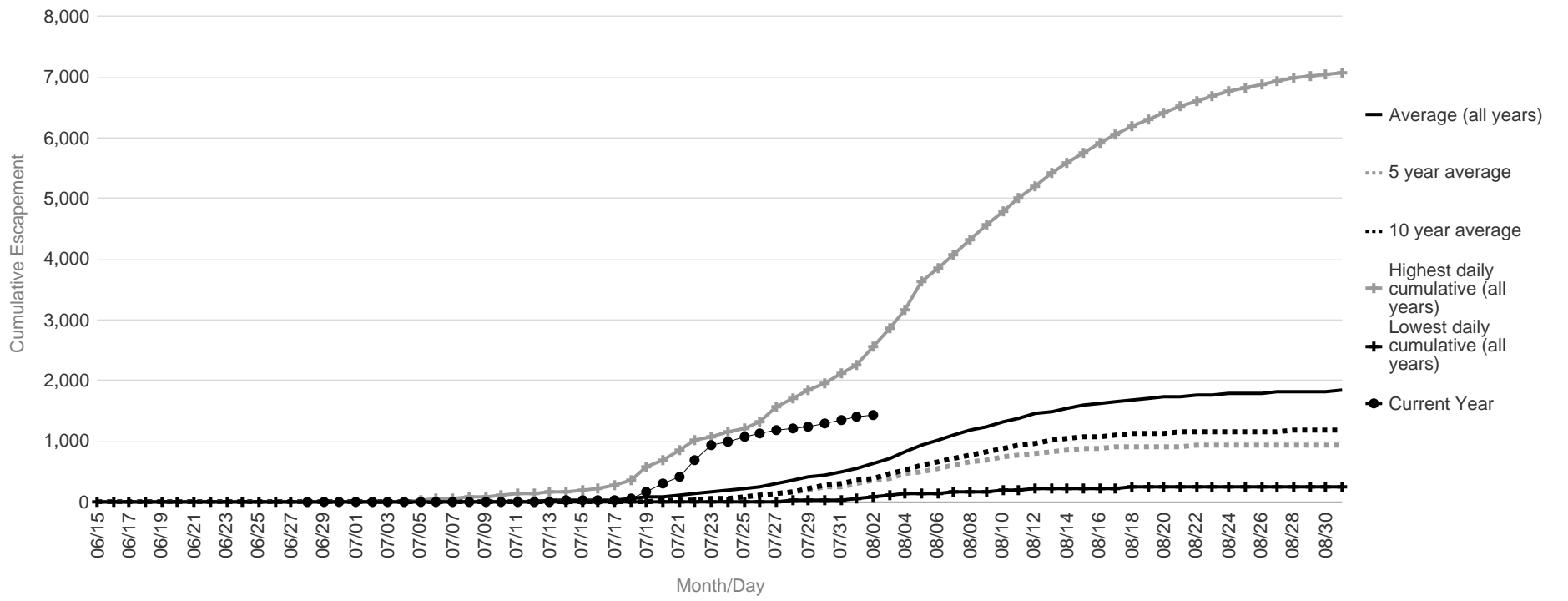
Season Total Overview



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

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count	2017
Season Total	253	1,836	941	1,180	7,086	1,436

Season Total Overview



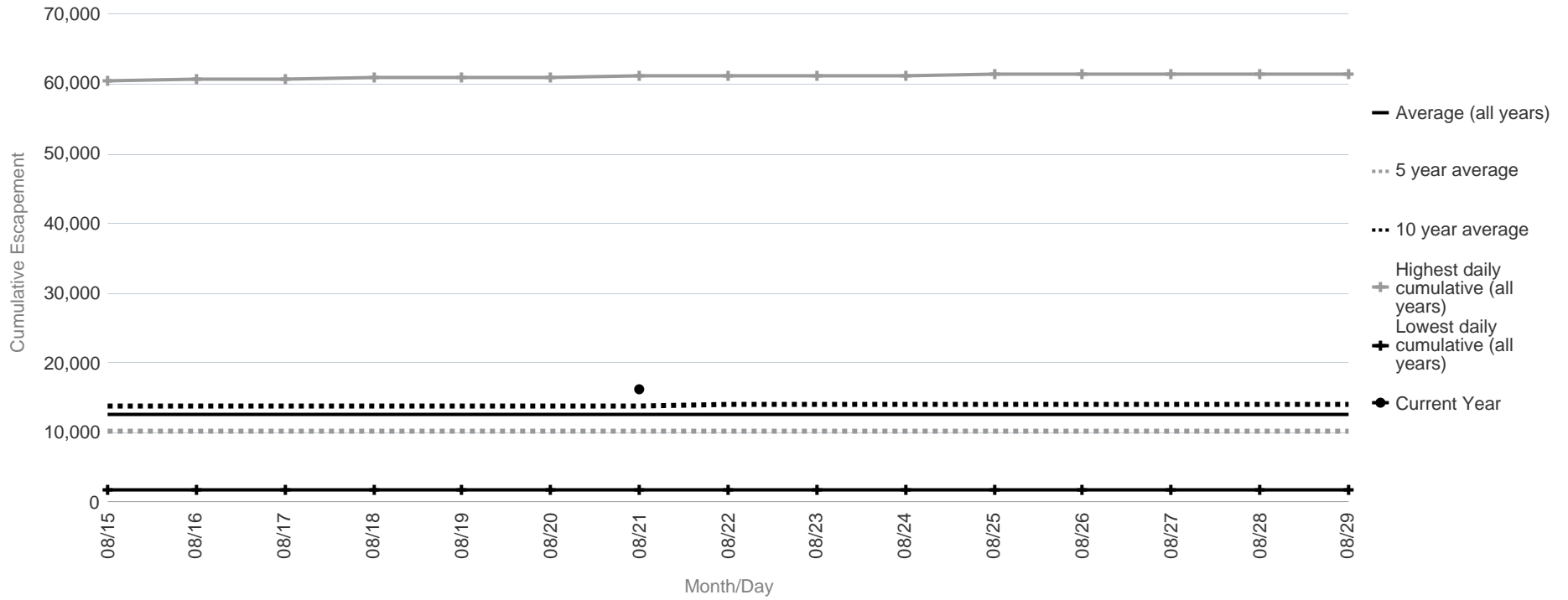
Kogrukluk River Salmon Monitoring Project Cumulative Daily Passage of Sockeye Salmon

Escapement Goal Range: 4,400 to 17,000

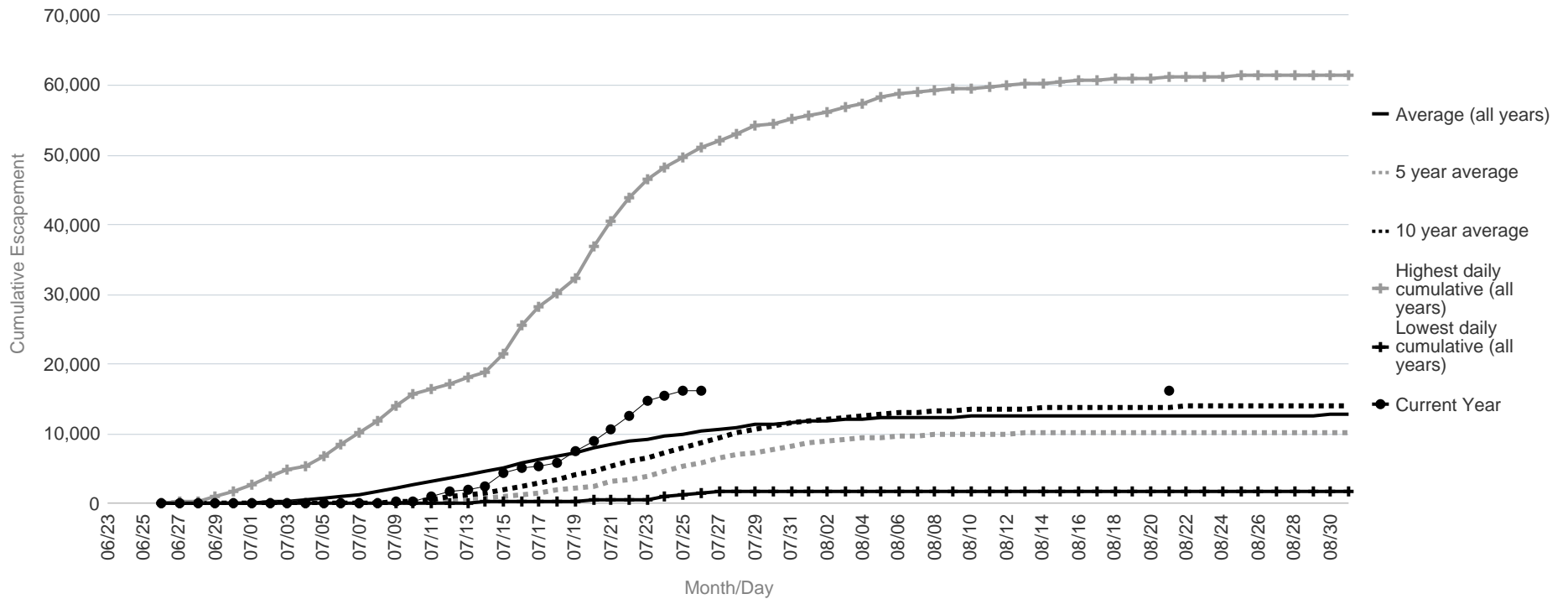
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	1,723	12,580	10,086	13,722	60,478	
08/16	1,724	12,596	10,102	13,759	60,618	
08/17	1,725	12,611	10,115	13,793	60,741	
08/18	1,726	12,624	10,122	13,819	60,849	
08/19	1,727	12,634	10,130	13,843	60,945	
08/20	1,728	12,643	10,140	13,863	61,029	
08/21	1,729	12,651	10,144	13,878	61,103	16,250
08/22	1,730	12,658	10,147	13,892	61,168	
08/23	1,731	12,664	10,149	13,904	61,225	
08/24	1,732	12,670	10,152	13,914	61,276	
08/25	1,732	12,674	10,154	13,924	61,321	
08/26	1,732	12,678	10,156	13,932	61,331	
08/27	1,732	12,678	10,157	13,933	61,339	
08/28	1,732	12,680	10,159	13,935	61,344	
08/29	1,732	12,681	10,162	13,936	61,347	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	1,732	12,687	10,179	13,949	61,382

Focused Two-Week Data View



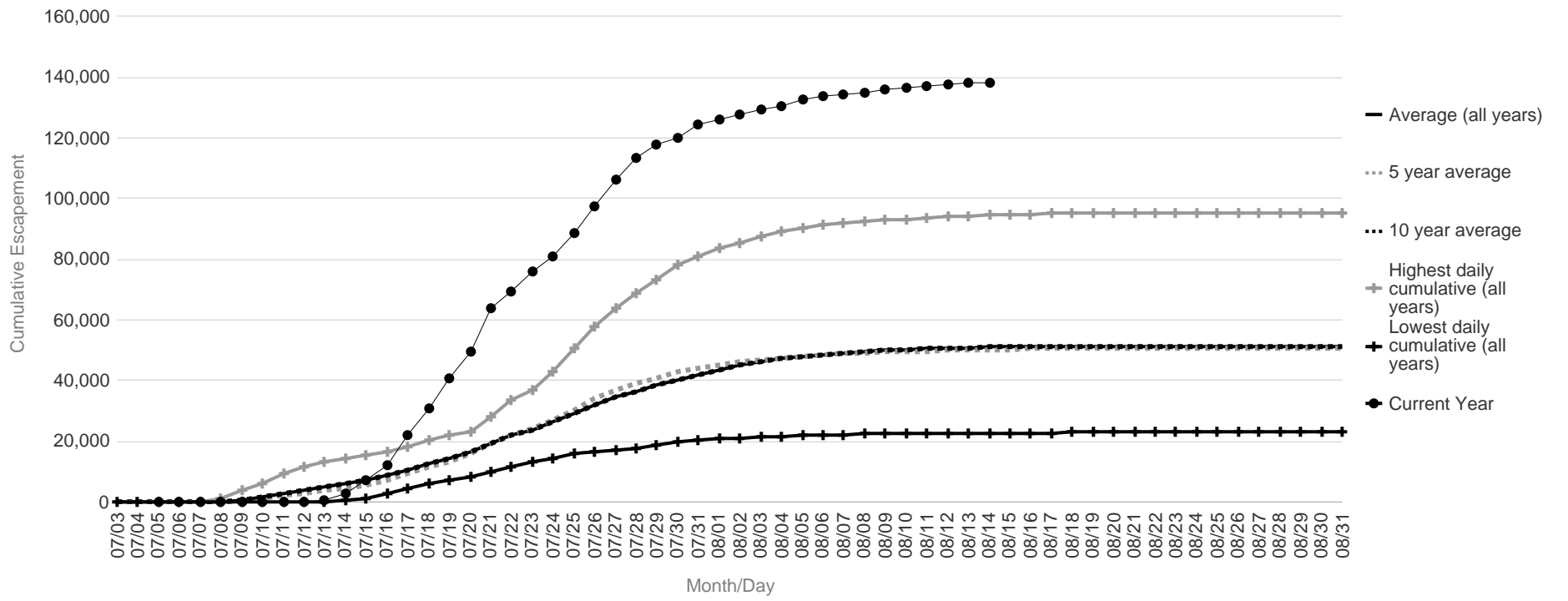
Season Total Overview



Telaquana River Salmon Monitoring Project Passage of Sockeye Salmon

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count	2017
Season Total	23,005	51,515	50,714	51,515	95,516	138,388

Season Total Overview

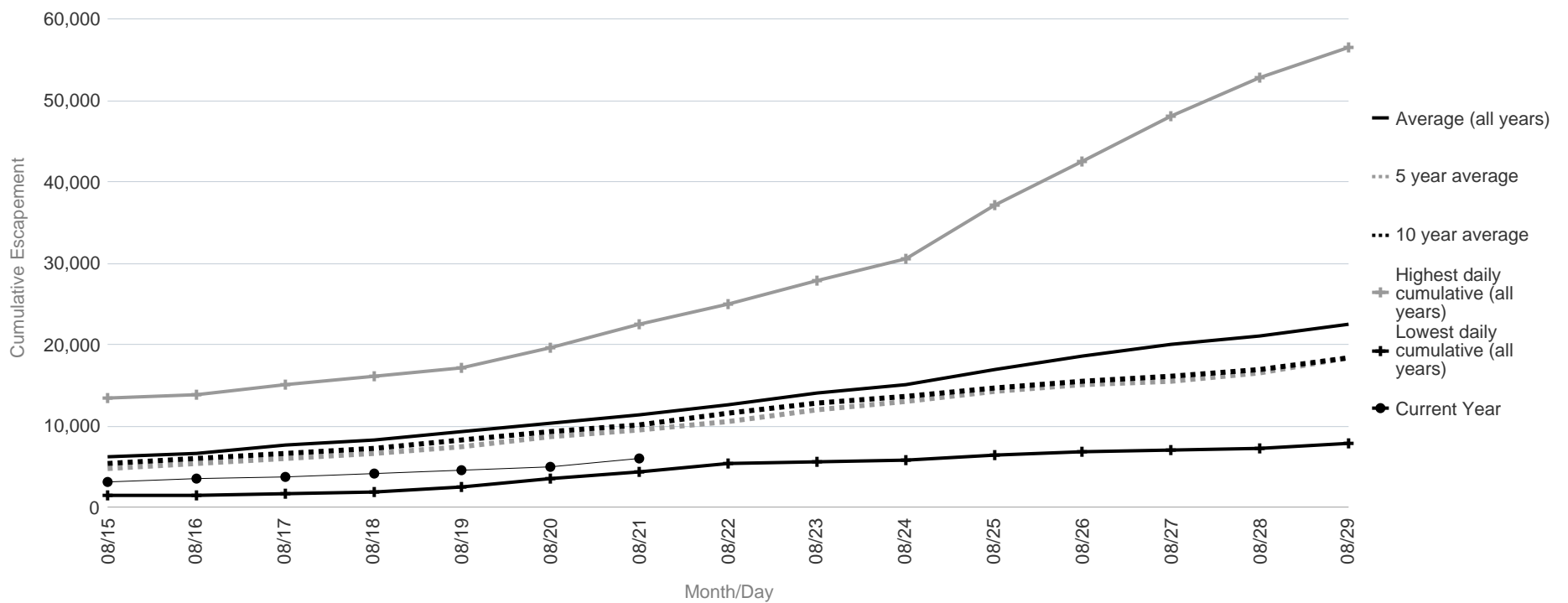


Kwethluk River Salmon Monitoring Project Cumulative Daily Passage of Coho Salmon

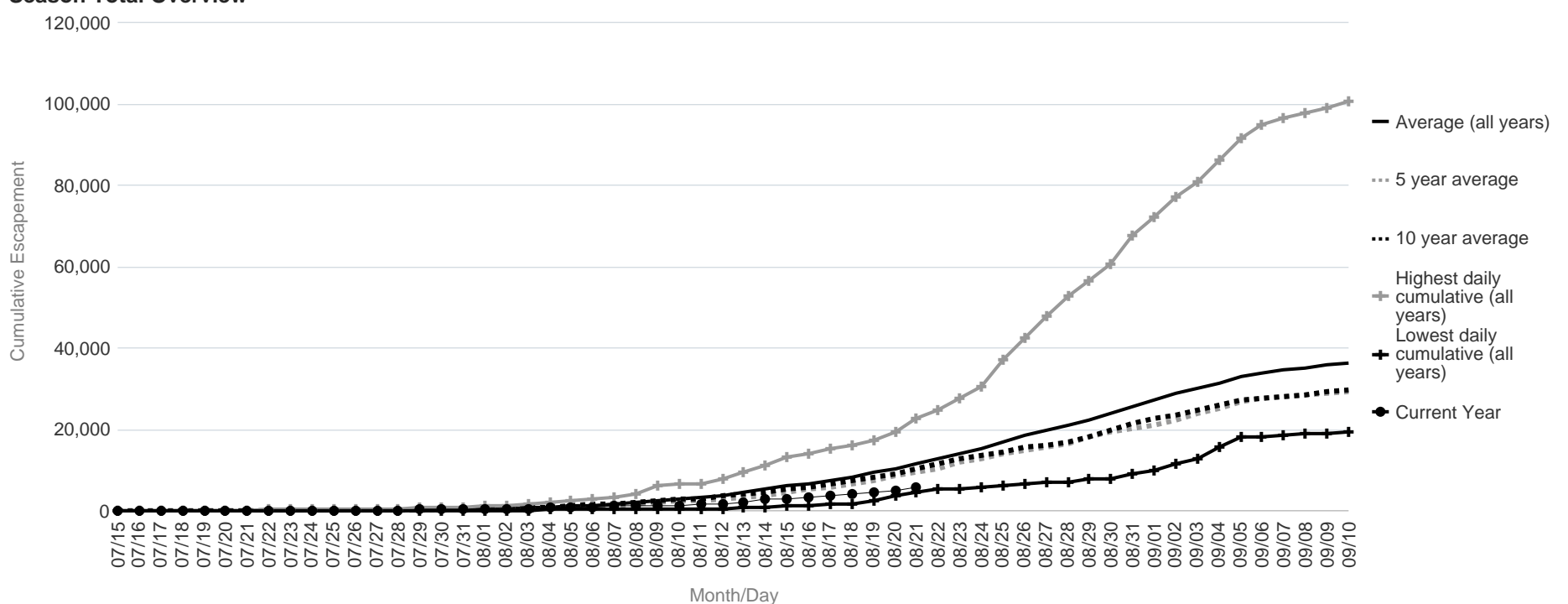
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	1,425	6,222	4,709	5,402	13,482	3,089
08/16	1,507	6,728	5,403	5,948	13,959	3,476
08/17	1,604	7,619	5,942	6,740	15,178	3,776
08/18	1,854	8,320	6,596	7,323	16,217	4,141
08/19	2,483	9,374	7,468	8,234	17,257	4,528
08/20	3,580	10,347	8,688	9,253	19,664	4,914
08/21	4,425	11,429	9,539	10,246	22,589	5,930
08/22	5,411	12,695	10,591	11,491	24,927	
08/23	5,570	13,995	11,969	12,862	27,877	
08/24	5,782	15,142	12,960	13,695	30,656	
08/25	6,462	16,913	14,188	14,644	37,170	
08/26	6,797	18,579	15,084	15,588	42,466	
08/27	7,017	20,005	15,605	16,185	48,099	
08/28	7,236	21,068	16,492	16,912	52,944	
08/29	7,806	22,498	18,347	18,354	56,627	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	19,473	37,172	29,515	29,642	107,789

Focused Two-Week Data View



Season Total Overview

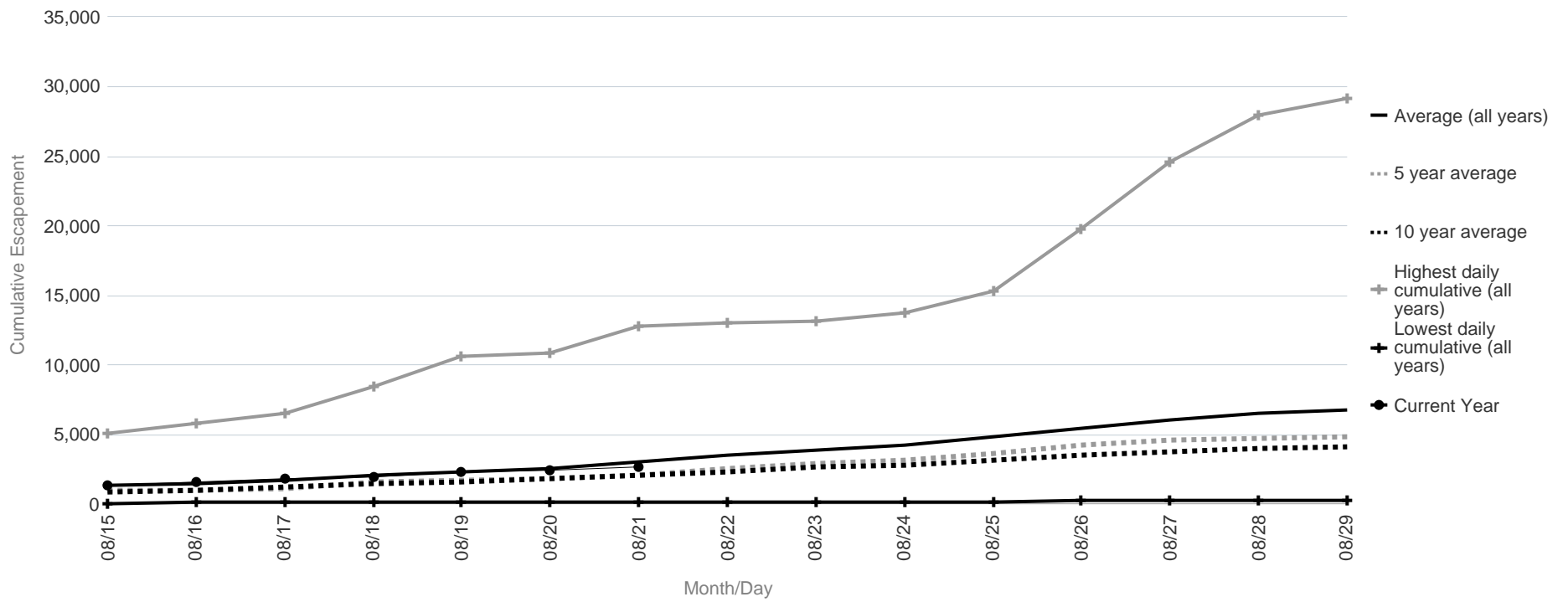


Tuluksak River Salmon Monitoring Project Cumulative Daily Passage of Coho Salmon

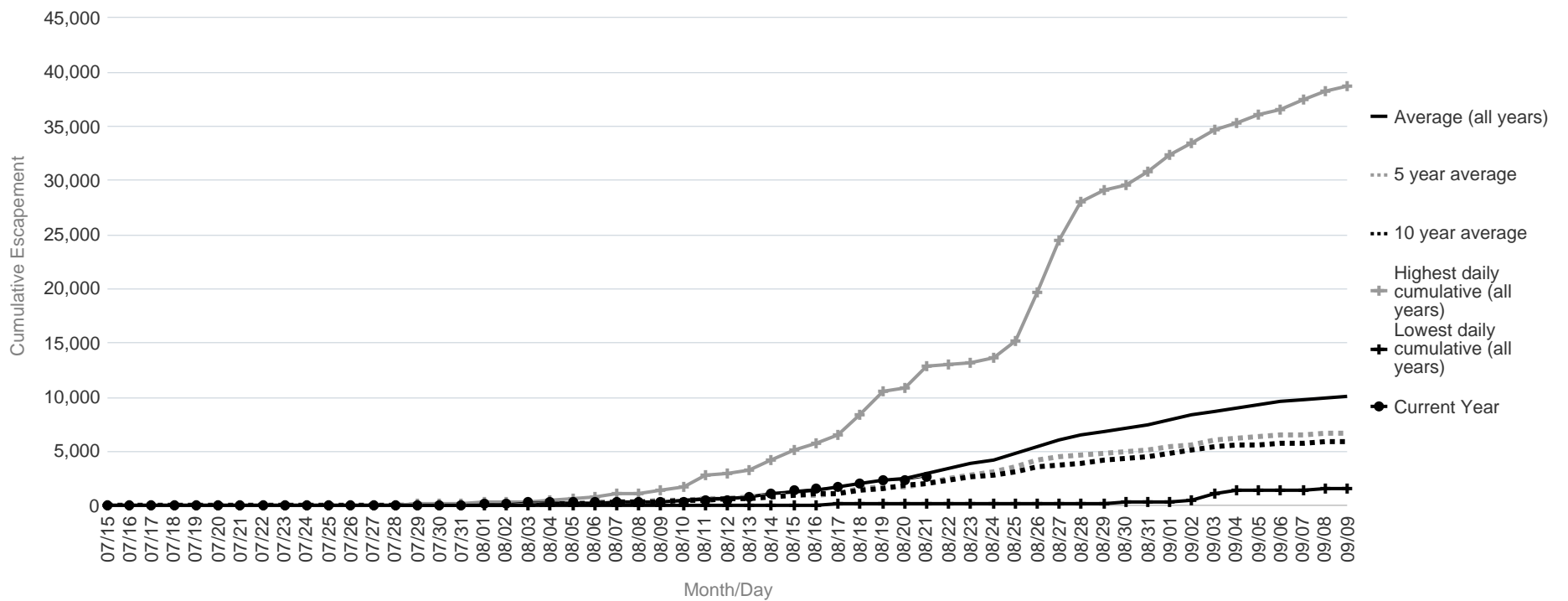
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	75	1,296	953	911	5,087	1,356
08/16	100	1,468	1,008	1,032	5,741	1,588
08/17	126	1,709	1,148	1,166	6,547	1,801
08/18	143	2,032	1,532	1,432	8,447	1,982
08/19	156	2,336	1,699	1,608	10,589	2,292
08/20	166	2,545	1,793	1,807	10,855	2,391
08/21	176	3,002	2,046	2,034	12,813	2,610
08/22	183	3,503	2,536	2,367	13,040	
08/23	188	3,904	2,857	2,638	13,114	
08/24	191	4,192	3,171	2,833	13,707	
08/25	195	4,810	3,579	3,102	15,254	
08/26	207	5,494	4,246	3,529	19,752	
08/27	211	6,049	4,561	3,774	24,560	
08/28	219	6,496	4,731	3,971	27,976	
08/29	244	6,808	4,875	4,171	29,143	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	1,525	10,324	6,742	5,959	41,071

Focused Two-Week Data View



Season Total Overview

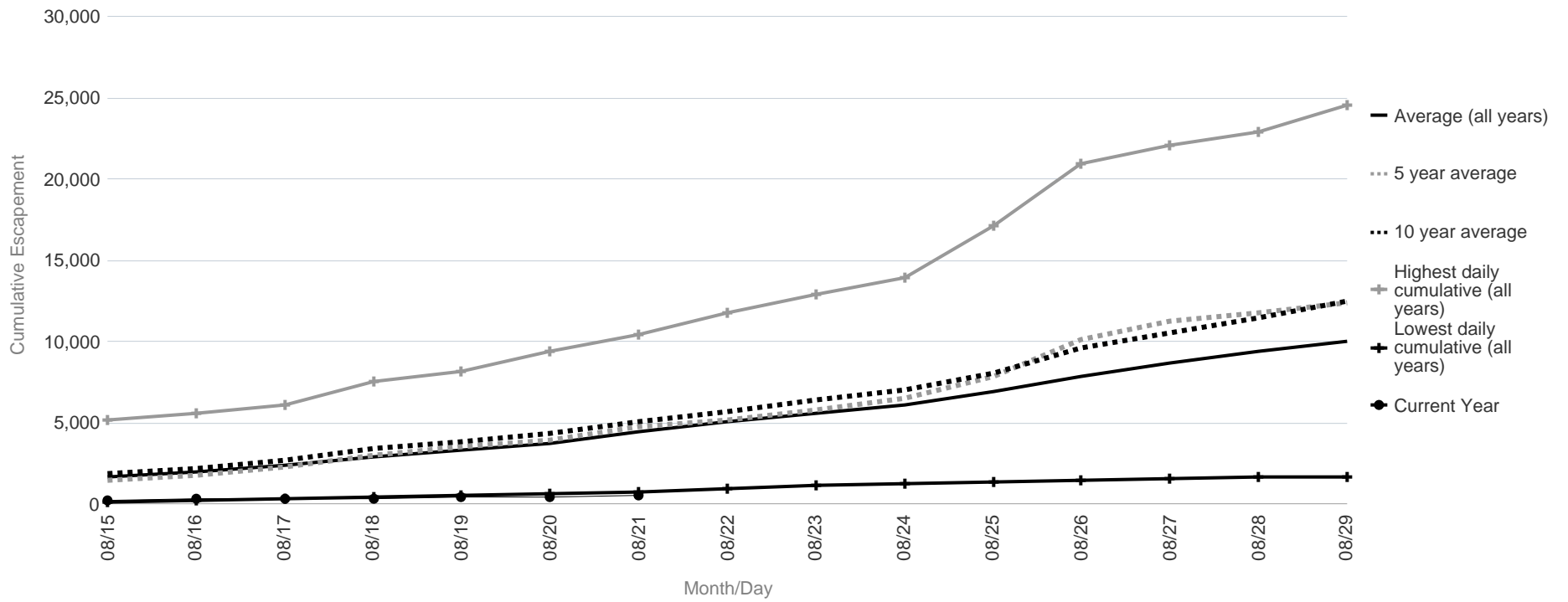


George River Salmon Monitoring Project Cumulative Daily Passage of Coho Salmon

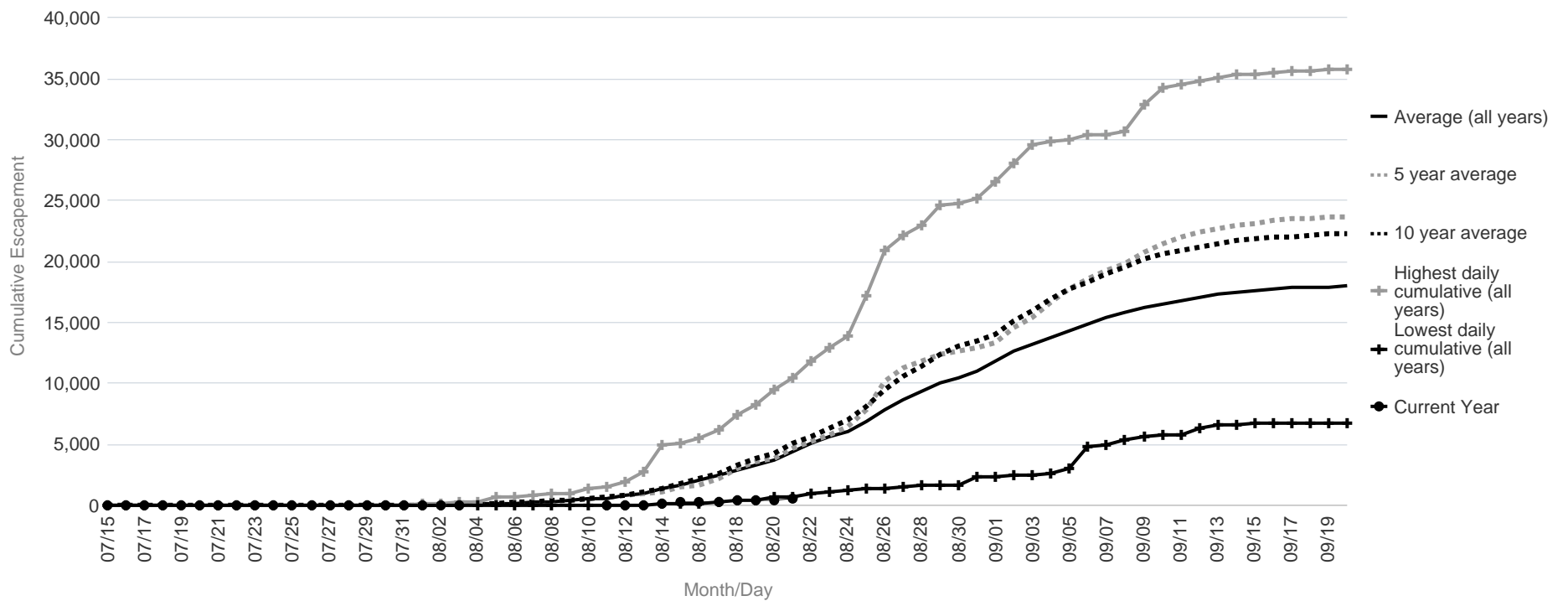
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	141	1,698	1,484	1,860	5,141	251
08/16	211	2,024	1,740	2,184	5,562	295
08/17	305	2,436	2,263	2,702	6,155	308
08/18	421	2,951	2,990	3,388	7,518	368
08/19	489	3,325	3,556	3,880	8,215	442
08/20	675	3,768	3,916	4,329	9,456	463
08/21	698	4,490	4,740	5,083	10,491	569
08/22	953	5,060	5,200	5,687	11,822	
08/23	1,139	5,609	5,790	6,373	12,940	
08/24	1,278	6,113	6,556	7,065	13,930	
08/25	1,374	6,897	7,832	8,078	17,168	
08/26	1,467	7,905	10,176	9,563	20,938	
08/27	1,600	8,664	11,250	10,568	22,136	
08/28	1,623	9,356	11,801	11,510	22,960	
08/29	1,625	10,011	12,419	12,470	24,603	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	6,759	18,032	23,722	22,319	35,812

Focused Two-Week Data View



Season Total Overview



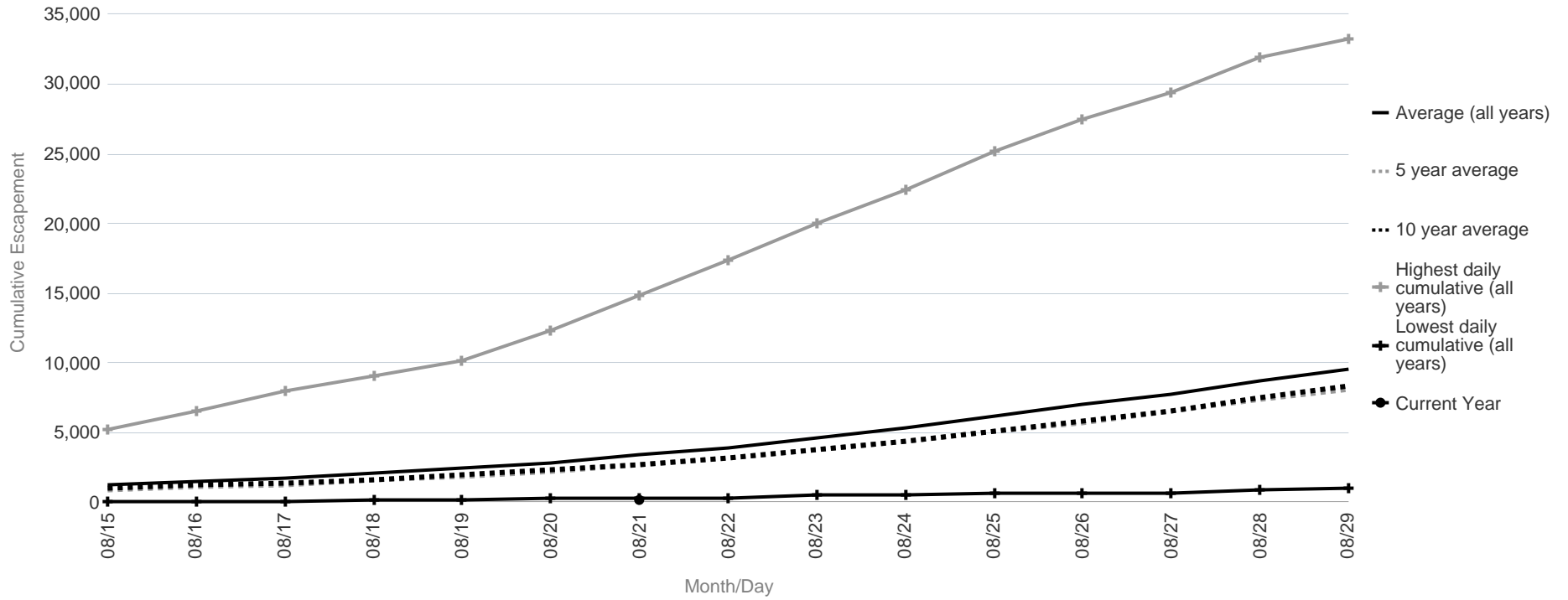
Kogrukluk River Salmon Monitoring Project Cumulative Daily Passage of Coho Salmon

Escapement Goal Range: 13,000 to 28,000

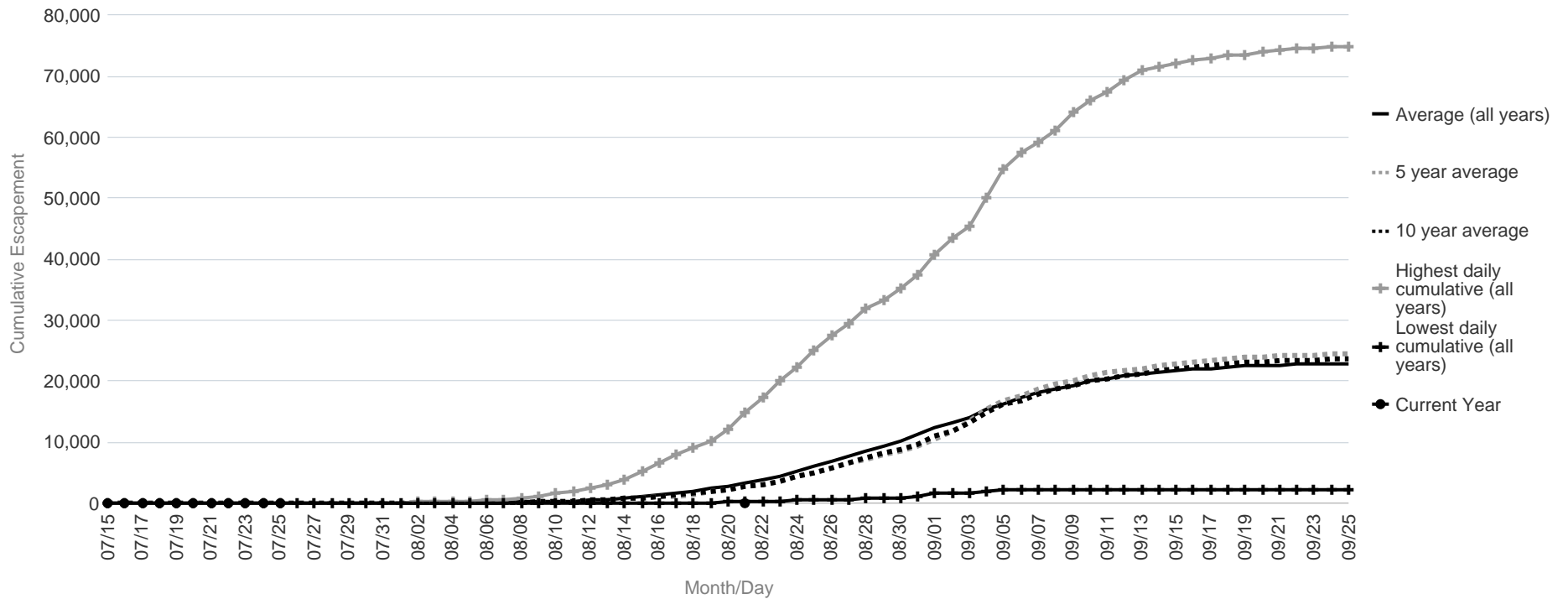
Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	43	1,163	893	965	5,141	
08/16	48	1,417	1,080	1,172	6,525	
08/17	59	1,675	1,273	1,374	7,998	
08/18	81	2,025	1,534	1,630	9,105	
08/19	125	2,395	1,858	1,943	10,140	
08/20	206	2,826	2,228	2,304	12,282	
08/21	238	3,371	2,692	2,708	14,792	124
08/22	305	3,913	3,158	3,144	17,339	
08/23	457	4,564	3,713	3,744	20,004	
08/24	557	5,307	4,376	4,334	22,422	
08/25	592	6,141	5,031	5,078	25,149	
08/26	598	6,986	5,707	5,785	27,495	
08/27	625	7,776	6,543	6,530	29,448	
08/28	895	8,658	7,316	7,432	31,878	
08/29	944	9,491	8,070	8,272	33,253	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	2,286	22,977	24,476	23,682	74,915

Focused Two-Week Data View



Season Total Overview

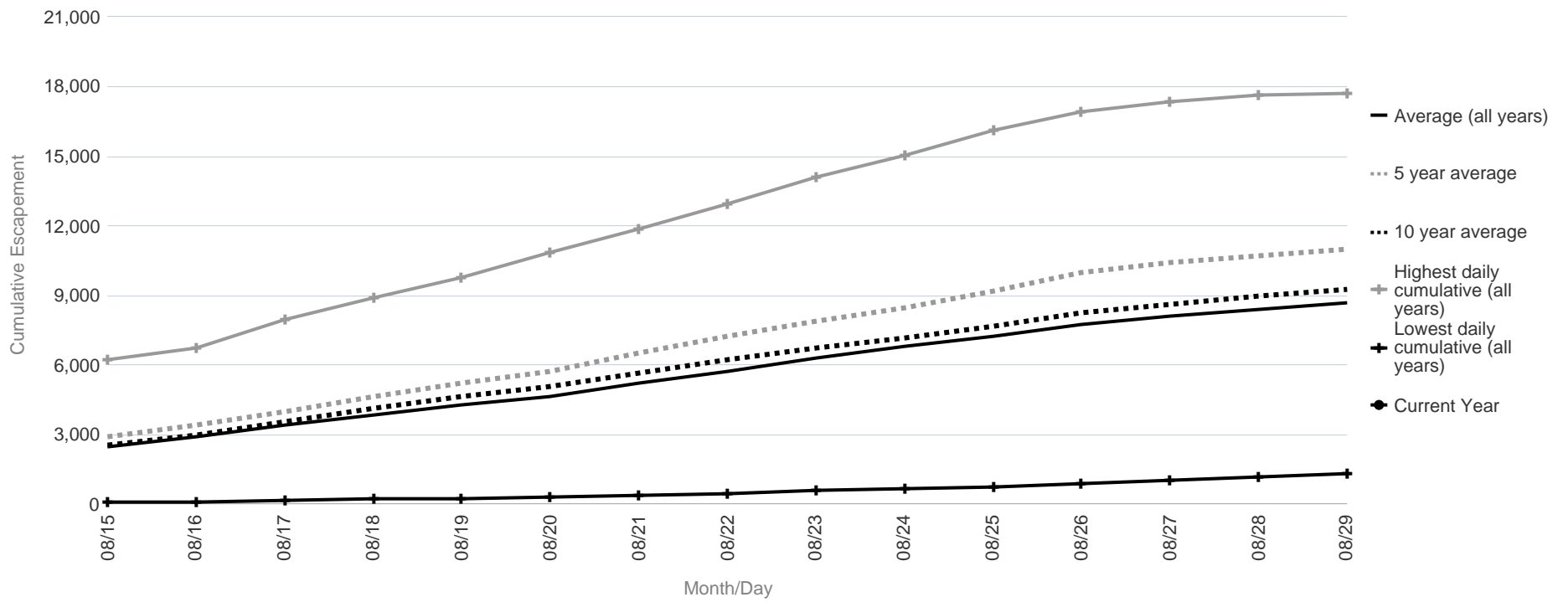


Tatlawiksuk River Salmon Monitoring Project Cumulative Daily Passage of Coho Salmon

Date	Lowest daily cumulative (all years)	Average (all years)	5 year average	10 year average	Highest daily cumulative (all years)	Current Year
08/15	91	2,496	2,935	2,525	6,189	
08/16	118	2,885	3,443	2,975	6,704	
08/17	153	3,374	4,007	3,565	7,972	
08/18	196	3,866	4,618	4,139	8,930	
08/19	249	4,269	5,184	4,611	9,787	
08/20	313	4,636	5,703	5,064	10,875	
08/21	388	5,207	6,490	5,655	11,828	
08/22	475	5,704	7,247	6,209	12,965	
08/23	574	6,264	7,901	6,705	14,126	
08/24	677	6,775	8,471	7,172	15,028	
08/25	765	7,265	9,199	7,703	16,125	
08/26	896	7,724	9,955	8,211	16,931	
08/27	993	8,082	10,416	8,618	17,335	
08/28	1,174	8,390	10,701	8,952	17,603	
08/29	1,345	8,677	10,994	9,280	17,737	

	Lowest Count	Average Count	5 Year Average	10 Year Average	Highest Count
Season Total	3,621	11,151	14,038	11,782	19,814

Focused Two-Week Data View



Season Total Overview

