



Klamath River Project Adult Fish Counting Facility In-season Update

December 28, 2023

The California Department of Fish and Wildlife annually operates adult fish counting facilities on the Shasta River, Scott River and Bogus Creek. This in-season update provides preliminary 2023 returns of Fall-run Chinook Salmon and Coho Salmon to each counting facility. Preliminary in-season updates will be provided as data becomes available throughout the season. The Shasta River station was operational on September 6, 2023 and **4,867** adult Chinook Salmon and **55** Coho Salmon have been observed through December 20, 2023. The Shasta River station was removed on December 28, 2023 due to forecasted flow increases. The Bogus Creek station was operational on September 18, 2023 and **3,080** adult Chinook Salmon and **320** Coho Salmon have been observed through December 20, 2023. The Scott River station was operational on September 20, 2023 and **1,064** adult Chinook Salmon and **913** Coho Salmon have been observed through December 20, 2023. The Scott River station was removed on December 27, 2023 due to forecasted flow increases. The Shasta River station is located roughly 600 feet from the confluence with the Klamath River and serves as a census for the entire Shasta River. The Scott River station is 18 miles upstream of the confluence with the Klamath River and the Bogus Creek station is 0.25 miles upstream of the confluence with the Klamath River. Depending on the year significant fractions of the adult salmonid populations in the Scott River and Bogus Creek spawn downstream of the counting stations. This in-season update doesn't report the spawning escapement that is observed downstream of these two stations. Final reports detailing the total escapement to each river will be available after the data is finalized. If you have questions regarding these in-season updates please contact Morgan Knechtle morgan.knechtle@wildlife.ca.gov or Domenic Giudice domenic.giudice@wildlife.ca.gov.

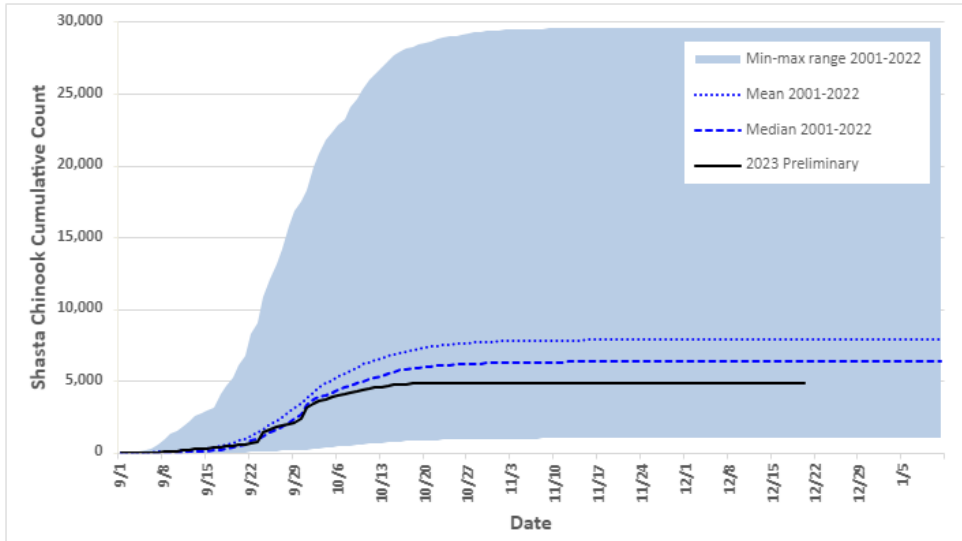


Figure 1. 2023-2024 in-season preliminary Chinook Salmon observations at the Shasta River adult fish counting facility compared with 2001-2022 (**4,867** adult Chinook Salmon have been observed through December 20, 2023).

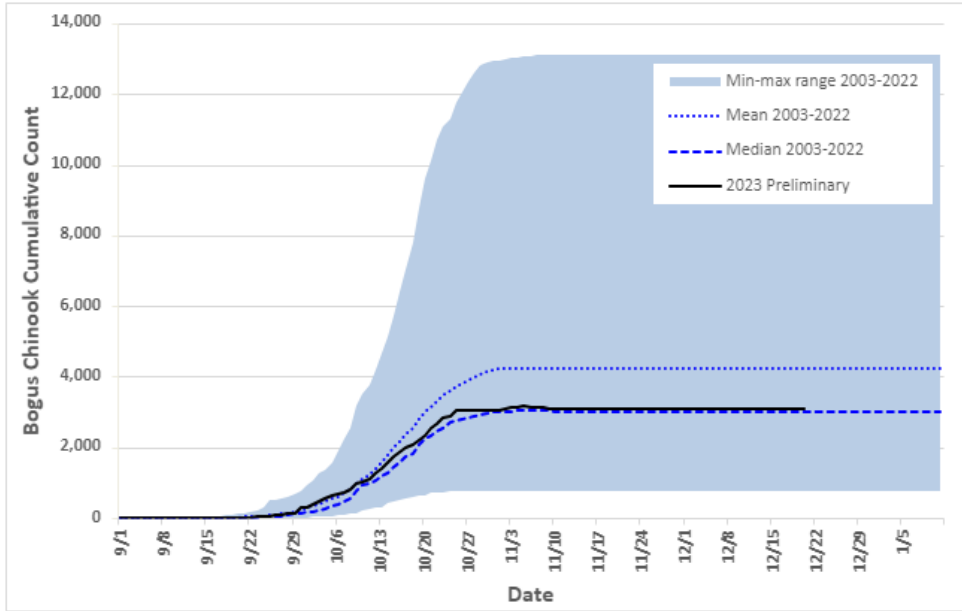


Figure 2. 2023-2024 in-season preliminary Chinook Salmon observations at the Bogus Creek adult fish counting facility compared with 2003-2022 (**3,080** adult Chinook Salmon have been observed through December 20, 2023).

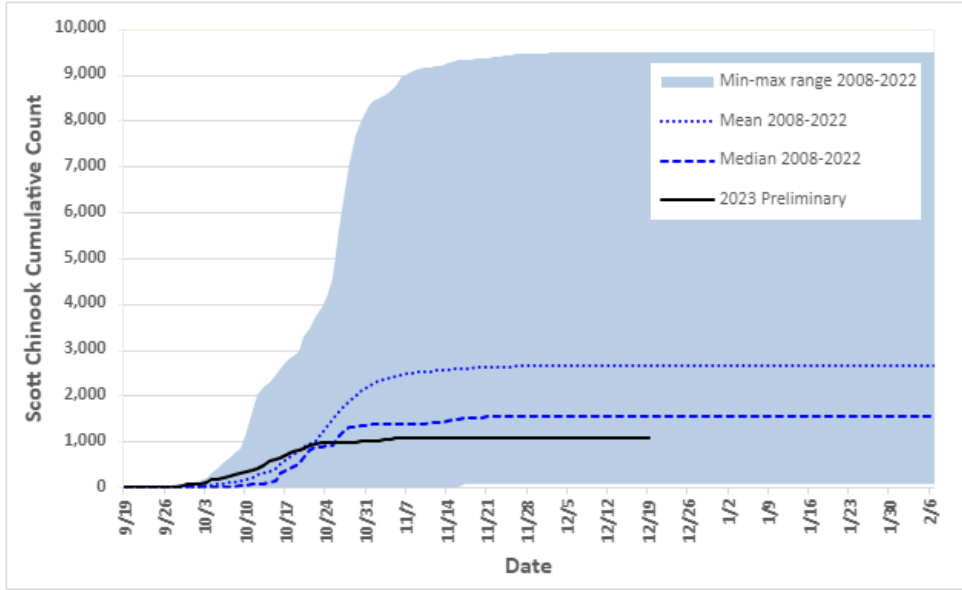


Figure 3. 2023-2024 in-season preliminary Chinook Salmon observations at the Scott River adult fish counting facility compared with 2008-2022 (**1,064** adult Chinook Salmon have been observed through December 20, 2023).

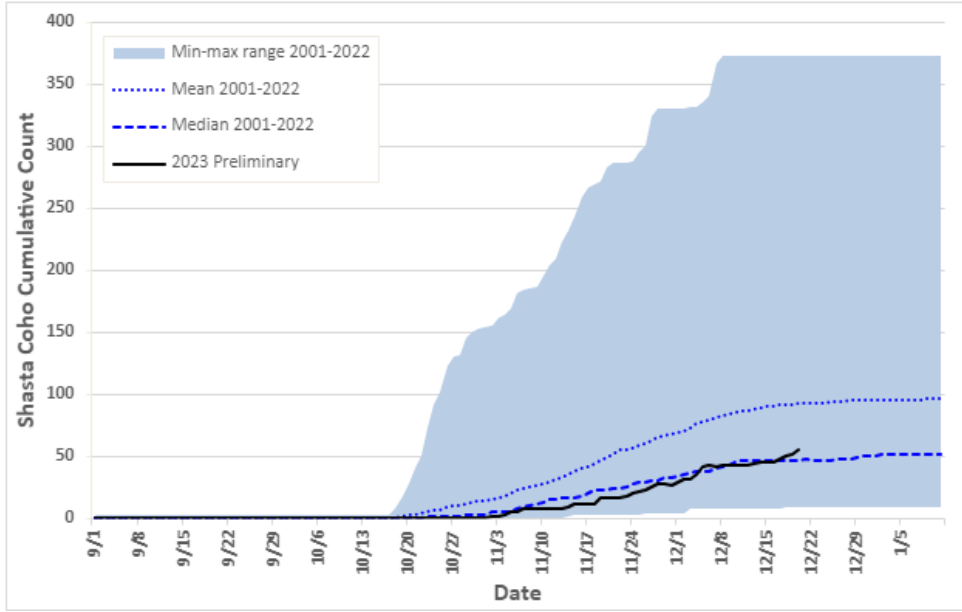


Figure 4: 2023-2024 in-season preliminary Coho Salmon observations at the Shasta River adult fish counting facility compared with 2001-2022 (**55** adult Coho Salmon have been observed through December 20, 2023).

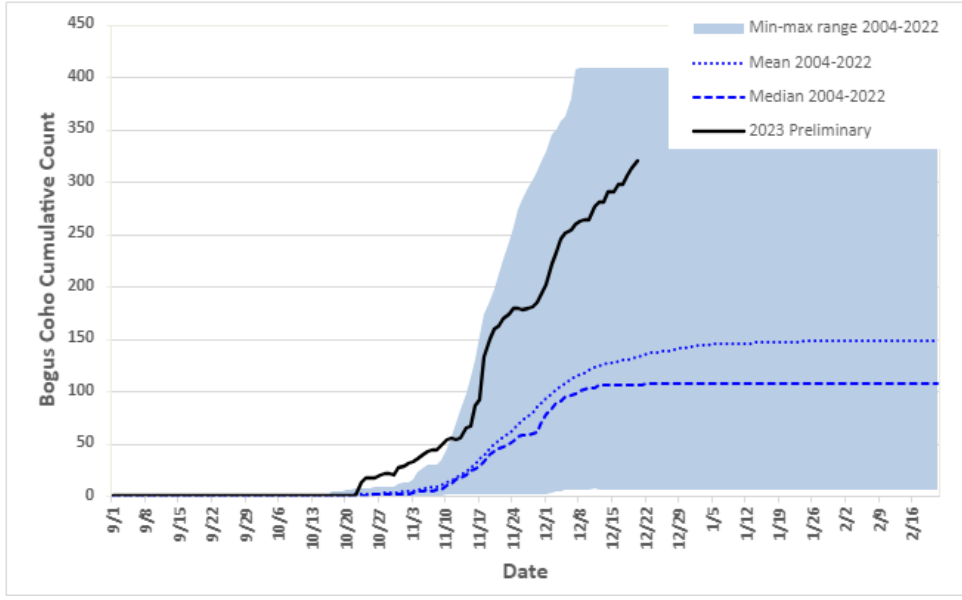


Figure 5. 2023-2024 in-season preliminary Coho Salmon observations at the Bogus Creek adult fish counting facility compared with 2003-2022 (**320** adult Coho Salmon have been observed through December 20, 2023).

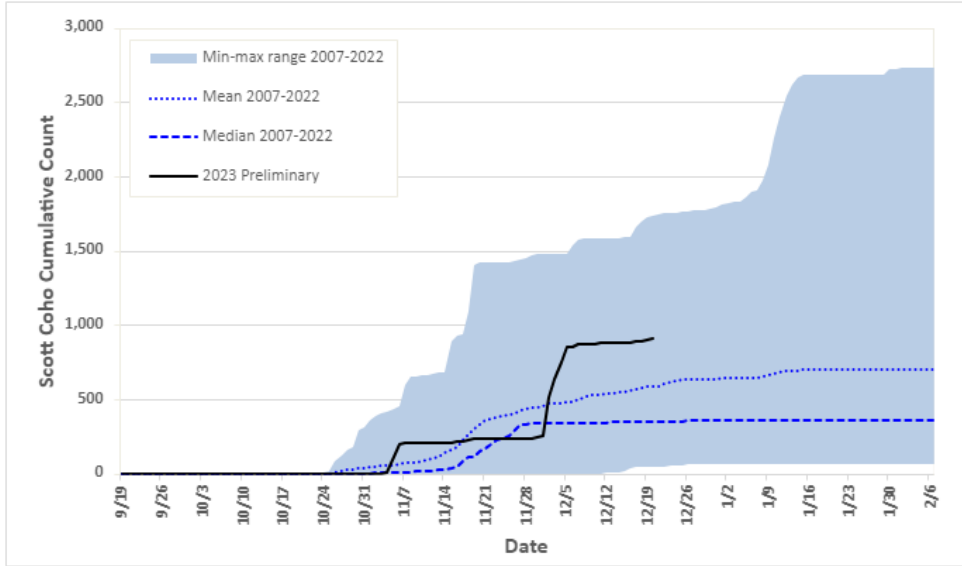


Figure 6. 2023-2024 in-season preliminary Coho Salmon observations at the Scott River adult fish counting facility compared with 2008-2022 (**913** adult Coho Salmon have been observed through December 20, 2023).