

**WIND RIVER, DRANO LAKE (LITTLE WHITE SALMON R.), and KLICKITAT RIVER  
ADULT SPRING CHINOOK  
2022 RUN FORECASTS AND RETURNS, AND  
2023 RUN FORECASTS**

River	2022 Forecast	2022 Actual	2023 Forecast
Wind	4,200	6,530	4,400
Drano (LWS)	3,800	11,491	8,000
Klickitat*	1,800	2,088	1,400
<b>Total</b>	<b>9,800</b>	<b>20,109</b>	<b>13,800</b>

Forecast numbers are rounded to the nearest 100s place,  
which is consistent with TAC protocol.

\*Klickitat return and forecasts provided by Yakama Nation.

- The 2023 Wind River and Little White Salmon River Spring Chinook forecasts are similar to the recent 10-year average returns of 3,900 and 8,200, respectively.
- The 2023 Klickitat River Spring Chinook forecast is about 75% of the recent 10-year average of 1,900.
- Several ocean ecosystem indicators, especially in near-shore areas, were tracking in a manner that generally leads to low ocean survival for some salmon stocks from 2015-2017 but began to improve in 2018. These indicators include Pacific Decadal Oscillation (PDO), upwelling, sea-surface temperature, and plankton abundance. Based on these indicators, adults returning in 2023 generally experienced improved ocean conditions during their ocean migration period. For more information on historical ocean conditions, refer to <https://www.fisheries.noaa.gov/west-coast/science-data/ocean-ecosystem-indicators-pacific-salmon-marine-survival-northern>
- All returns and forecasts are to the mouth of the tributaries.