

**COWLITZ, KALAMA, LEWIS ADULT SPRING CHINOOK
2021 RUN FORECASTS AND RETURNS, AND
2022 RUN FORECASTS**

River	2021 Tributary Forecast	2021 Tributary Return	2021 Columbia River Return	2022 Columbia River Forecast	2022 Tributary Forecast
Cowlitz	1,780	3,425	3,478	4,100	3,960
Kalama	2,130	1,681	1,883	2,000	1,960
Lewis	2,280	2,740	2,840	2,400	2,290
Total	6,190	7,846	8,201	8,500	8,210

*Tributary forecasts and returns are to the tributary mouths; Columbia River return and forecast is to the Columbia River mouth.

**The Columbia River forecast numbers are rounded to the nearest 100s place, which is consistent with TAC protocol.

- The 2022 spring Chinook forecast for the Cowlitz River is 15% greater than the 2021 actual return of 3,425.
- The 2022 spring Chinook forecast for the Kalama River is 15% greater than the 2021 actual return of 1,681.
- The 2022 spring Chinook forecast for Lewis River is similar to the recent 5-year average return of 2,200.
- 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>.

December 9, 2021
Region 5- Ridgefield
Washington Department of Fish and Wildlife