

Subject: 2020 Southeast Alaska Chinook Salmon Forecasts

The 2020 total run forecasts for the Situk, Chilkat and Unuk and terminal run forecasts for the Taku and Stikine Chinook salmon stocks are now final. These forecasts are based off of sibling models, each using the most recent 9 years of brood year age at return and run data along with 5 years of performance-based hindcasts. Specifically:

- The Situk River total run forecast is 850 large fish (SE=607), which is slightly above the mid-point of the escapement goal range of 450 to 1,050.
- The Chilkat River total run forecast is 1,550 large fish (SE = 553), which with zero harvest, is below the lower bound of the escapement goal range of 1,750 to 3,500.
- The Unuk River total run forecast is 2,050 large fish (SE = 430), which with zero harvest, is slightly above the escapement goal range of 1,800 to 3,800.
- The Taku River terminal run forecast is 12,400 large fish (SE = 3,681), which is well below the escapement goal range of 19,000 to 36,000.
- The Stikine River terminal run forecast is 13,350 large fish (SE = 3,999), which is slightly below the escapement goal range of 14,000 to 28,000.