

2026 Southeast Alaska Pink Salmon Harvest Forecast

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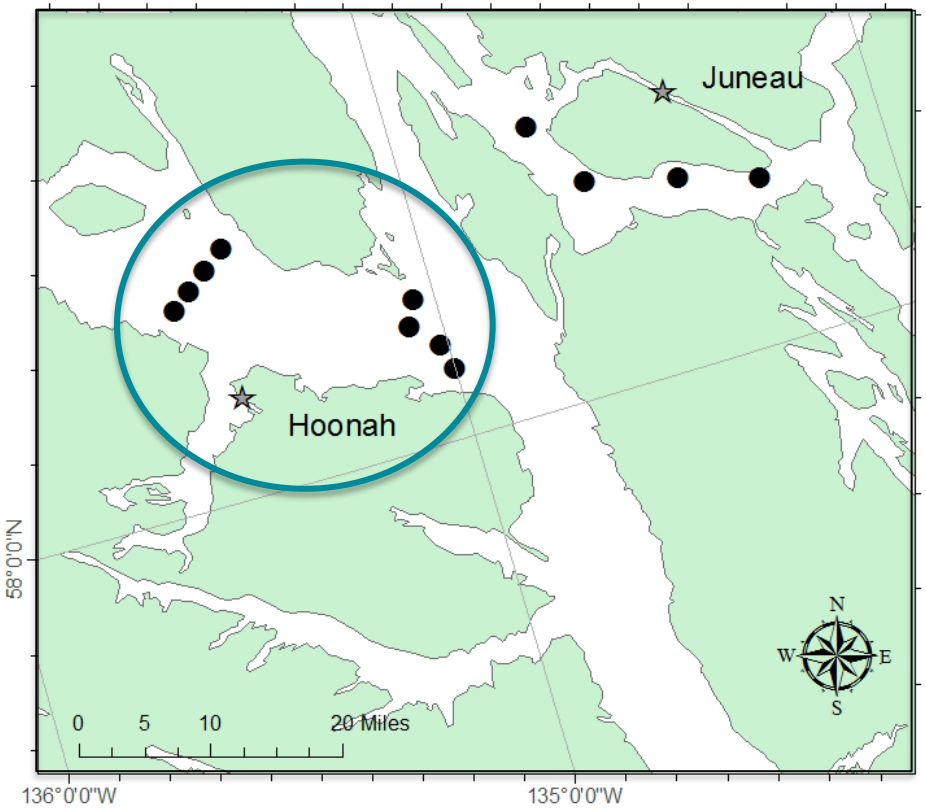
NOAA FISHERIES
Alaska Fisheries Science Center
Auke Bay Laboratories

Alaska Department of Fish and Game

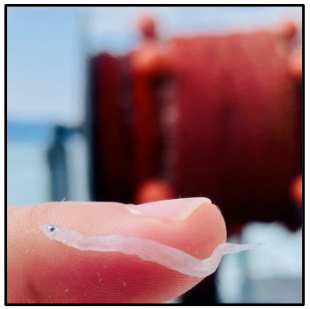
2025 Purse Seine Task Force Meeting
December 3, 2025

Southeast Alaska Coastal Monitoring (SECM) Research

- Surveys initiated by NOAA in 1997
- Collaboration between NOAA and ADF&G since 2018







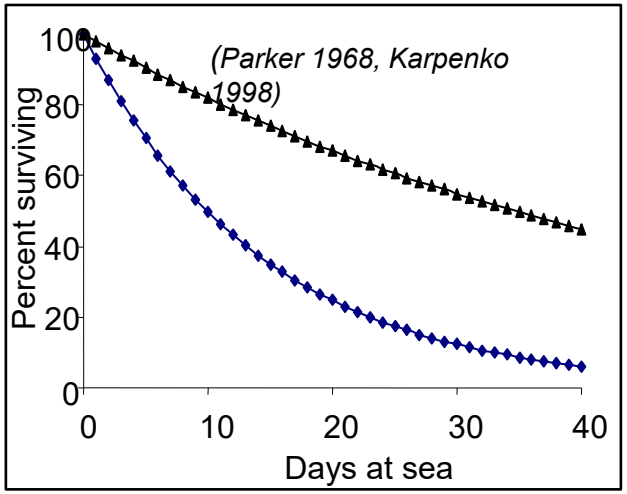






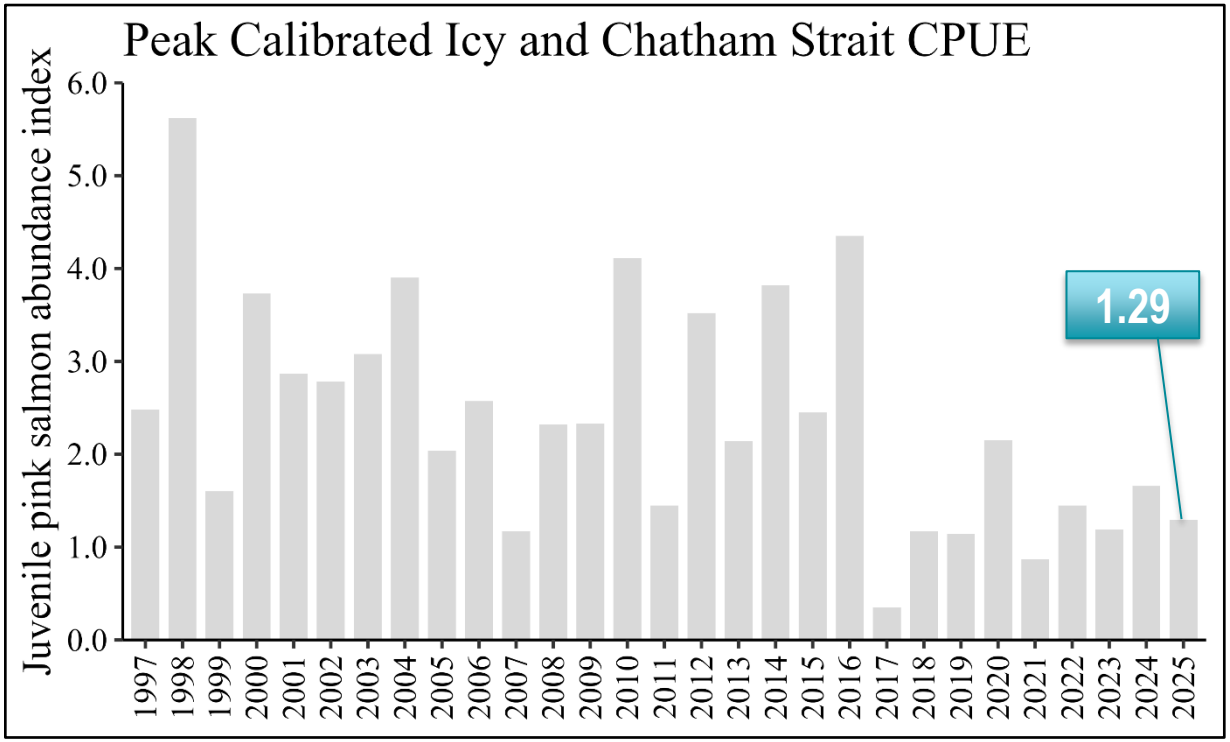


Juvenile Pink Salmon (peak calibrated) Catch Per Unit Effort

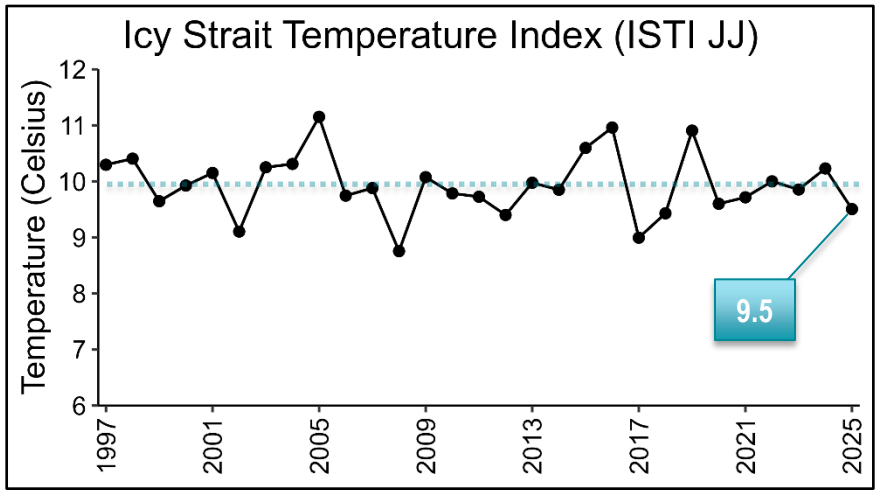


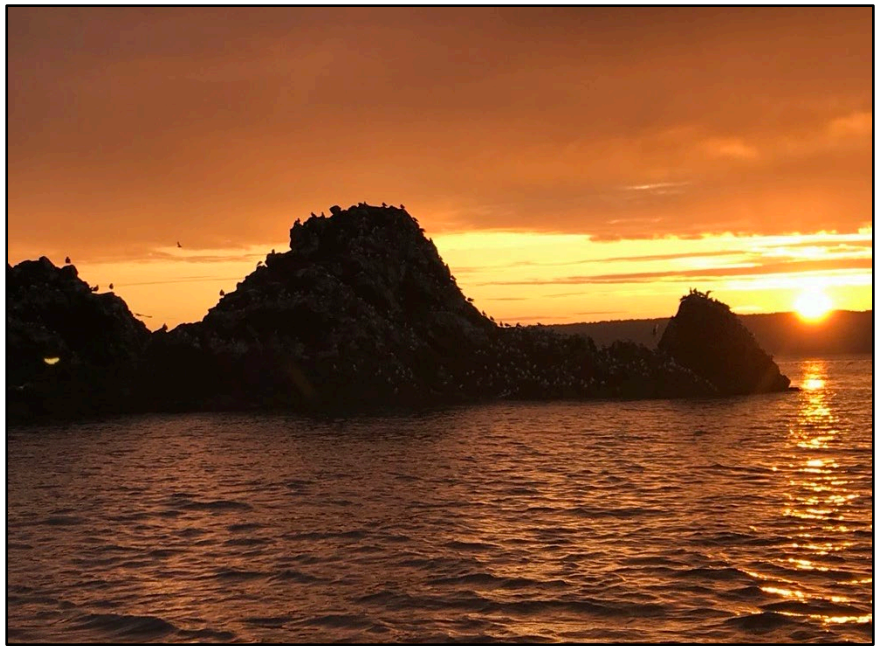


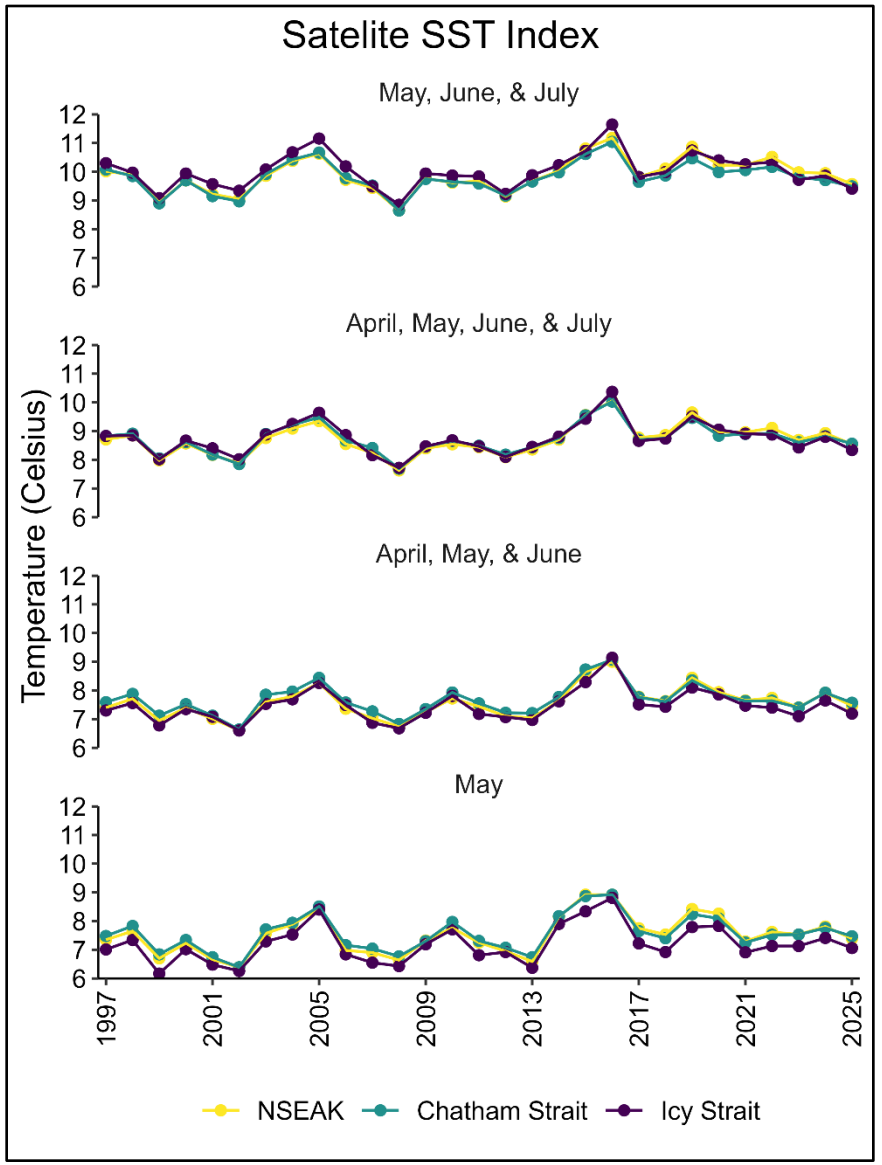




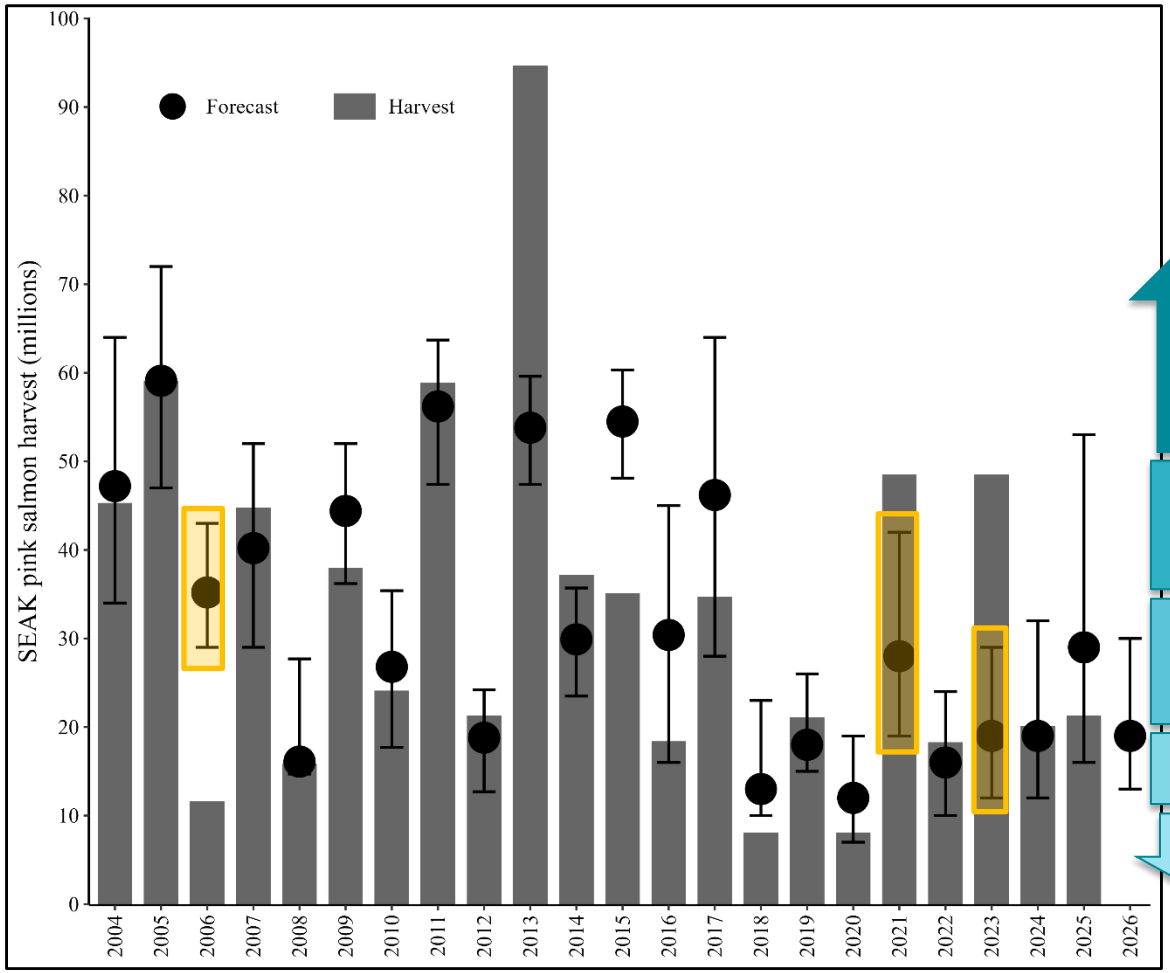
Ocean Temperatures

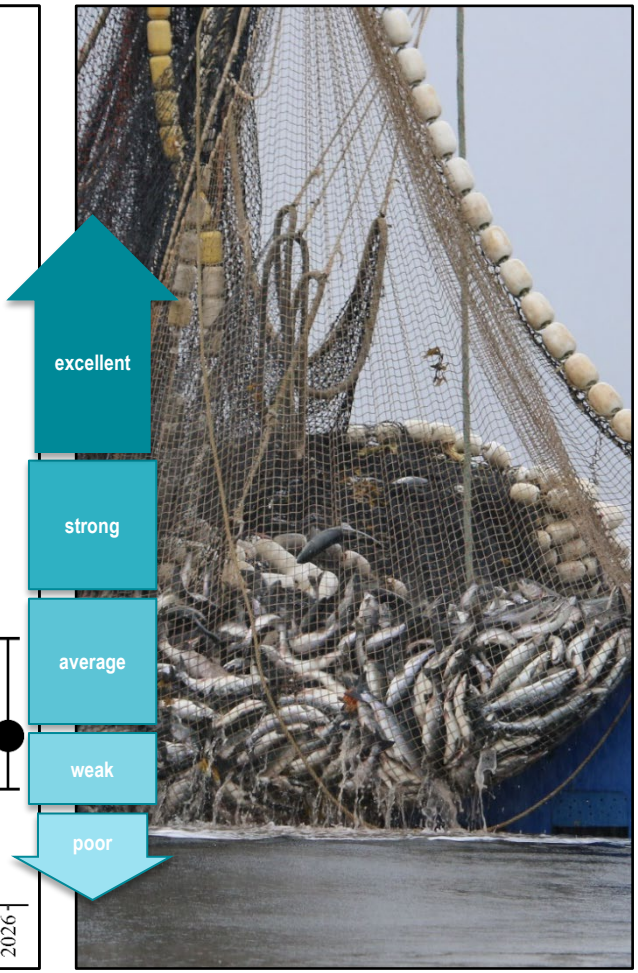






Previous Forecast Performance





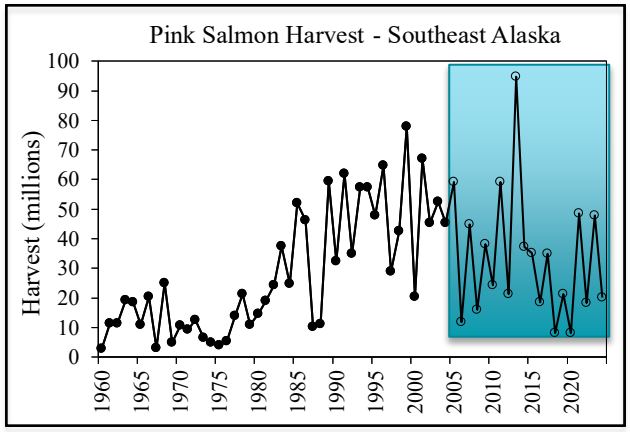
Reliably provided accurate assessment of run strength

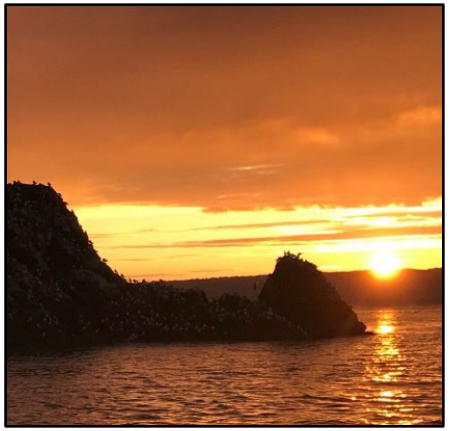
2026 Pink Salmon Harvest Forecast Model Structure

- Peak juvenile pink salmon abundance index (CPUE)
- Temperature Variable: ISTI_JJ or a variety of SST indices
- Odd- and even-year factor
- Direct or Model estimated vessel-calibration coefficients (with raw CPUE)





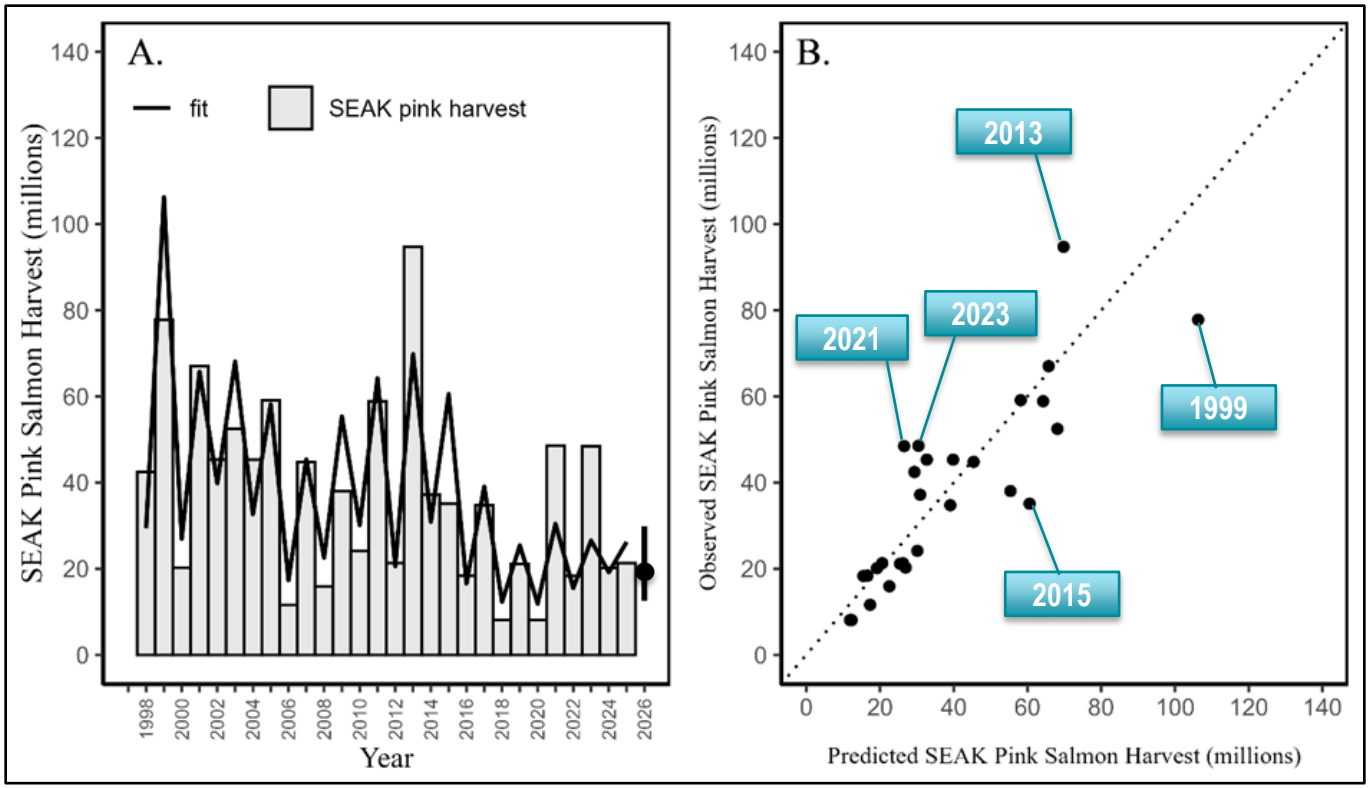




Southeast Alaska Pink Salmon Harvest Forecast Model

2026 Harvest Forecast = 19 million

(13-30 million 80% Prediction Interval)



Harvest ~ Vessel calibrated juvenile pink salmon CPUE + NSEAK SST in April, May, & June + odd/even year factor