



Port Moller Test Fish Catch Update

Catch Update #7, June 16, 2025

[PMTF Catch Update Table](#)

[PMTF Raw Data](#)

Good evening,

Our crews prioritized an early rendezvous tonight to expedite the season's first stock composition estimate before potentially rough weather resumes. Consequently, Stations 16–20 were skipped to facilitate a timely meeting between vessels. Notably, the fish concentration at Stations 6 and 8 remains steady, and it will be interesting to find out where they are headed.

This season, we've deployed Farallon Smart Buoys (Blue Ocean Gear, Inc.) at each station, which measure sea surface temperature (SST). These buoys provide real-time updates every 15 minutes and will hopefully enhance our understanding of environmental variability that corresponds with changes in sockeye catches. Additionally, crews are placing a HOBO data logger at the bottom of the test fishing net to record temperature at ~11 m deep. These data may be especially valuable later in the season if SSTs rise relative to subsurface temperatures prompting sockeye to migrate deeper, which would potentially alter their catchability.

We are now reporting SST readings recorded at solar noon (~2:30 PM) and the "bottom depth" temperatures recorded during each set in the PMTF Raw Data file.

PMTF Stock Composition Status: Rough weather has delayed our first stock composition estimate of the season. However, the onboard genetics lab is set to begin processing samples collected on June 15-6 tonight. If conditions remain calm and operations proceed as planned, results could be available by late tomorrow.

Index by Station

S2: 5

S4: 32

S6: 101

S8: 103

S10: 14

S12: 0

S14: 0

S16: Not fished

S18: Not fished

S20: Not fished

S22: 0

S24: 39

Daily Catch Index = 24

Jordan and Scott

Useful Links & Project Info

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