

SHSTMP_PS_Marine_Basins_2018.shp data dictionary

This layer was developed by NOAA Fisheries in order to evaluate nearshore metrics at a larger and relevant spatial scale for the Salmon Habitat Status and Trend Monitoring Program (SHSTMP). The polygons of this layer are loosely based on the Steelhead major population group (MPG) and Chinook salmon evolutionary significant unit (ESU) boundaries and were expanded to include all shorelines of Puget Sound. The basin names were selected using a combination from Salmon and Steelhead ESU/MPG names and the oceanographic basins within Puget Sound (NMFS 2007, NMFS 2011, Rice et al. 2011). At this point, we cannot spatially correlate all shorelines to distinct populations of Puget Sound salmon or Steelhead so we assign the shorelines to a Marine Basin.

Field Name	Description	Units
MarineBasin	Strait of Juan de Fuca Hood Canal North Puget Sound Whidbey Basin South Central Puget Sound	
Area_km	Marine basin polygon area	kilometer

References

- NMFS (National Marine Fisheries Service). 2007. Puget Sound Salmon Recovery Plan, volume 1. Shared Strategy for Puget Sound, Seattle.
- NMFS (National Marine Fisheries Service). 2011. 5-Year Review: Summary & Evaluation of Puget Sound Chinook, Hood Canal Summer Chum, Puget Sound Steelhead. NMFS Northwest Region, Portland, Oregon.
- Rice, Casimir A., Correigh M. Greene , Paul Moran , David J. Teel , David R. Kuligowski , Reginald R. Reisenbichler , Eric M. Beamer , James R. Karr & Kurt L. Fresh (2011) Abundance, Stock Origin, and Length of Marked and Unmarked Juvenile Chinook Salmon in the Surface Waters of Greater Puget Sound, Transactions of the American Fisheries Society, 140:1, 170-189.