

Assigning Tidal Covariates to Harbor Seal Haul-out

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Abstract

This document describes the process of querying telemetry data and assigning tidal covariates to Alaska harbor seal haul-out behavior. The data for haul-out behavior are initially queried from the PEP central PostgreSQL database and tidy'd into an open dataset ready for downstream analysis. The tidal calculations are determined via the XTide library which must be installed along with the tidextractr package (available on Github).

Introduction

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