

Midwinter Aerial Seabird Survey Webapp

WDFW Wildlife-Science-WSDM, 2019

Overview

This webapp was developed in partnership with the Puget Sound Partnership for displaying decade's worth of Puget Sound Winter Seabird Aerial Survey data. The webapp allows you to view abundance estimates on the map, drill down to specific stratum (depth and basin) results, and view multi-year trend plots.

Viewing Data in the Webapp

Running a Search

Once the webapp loads, there will be a range of options in the "Select a year:" and "Select a species:" drop-down menus. Once you've made your selection, click the "Get Species Data" button to run a search – the map will draw the results and the legend will update with the symbology break points associated with the selected species. You can also make a selection in the "Zoom to specific basin:" drop down menu, which will update the extent to focus on that basin and draw the selected basin's depth strata.

Review a Specific Stratum

After you've run a search and results have drawn on the map, click anywhere within the analysis extent to view the statistics associated with a particular basin/depth stratum. After you've clicked on the map, the Search widget will expand to show the Map Selection Result and the selected stratum will be highlighted on the map by a teal cross-hatched layer. At the bottom of the Map Selection Result section you will have the option to review three different plots: the trend of the specific stratum you selected, the trend of the basin that contains your selected stratum, and the statewide trend for the species.

Clearing the Map

Use the "Clear Map" button to reset the webapp. This will clear the Map Selection Result section, clear all data off the map, and reset the extent to the home extent.

Other Webapp Features

Home Button

Click the Home button in the top left of the webapp to reset the map to the original extent.

Help Links

In the top left corner there are 3 Help Links in the header:

- "WDFW Home" will take you back to the Agency home page: <https://wdfw.wa.gov>
- "Report an Issue" will launch your email client to send our development team an email (see below)
- "Seabirds" will take you back to the Agency landing page for Midwinter aerial seabird surveys: <https://wdfw.wa.gov/species-habitats/at-risk/species-recovery/seabirds/surveys-winter-aerial>

Comments or Questions?

Your feedback is valuable to us! Please feel free to reach out by emailing the development team at: wildlifemaps.issues@dfw.wa.gov