



## North Pacific Fisheries Commission

NPFC-2019-SSC PS05-WP21

### Pacific Saury Catch and Effort Map

#### Abstract:

The intent of this paper is to report about the progress in the development of the Pacific Saury Catch and Effort Map in accordance with the recommendations from the 4<sup>th</sup> Scientific Committee Meeting (SC04).

#### Background:

At SC04, Members discussed the features of preliminary spatial maps for VME and bottom fisheries, and Pacific saury catch and effort, and made the following recommendations:

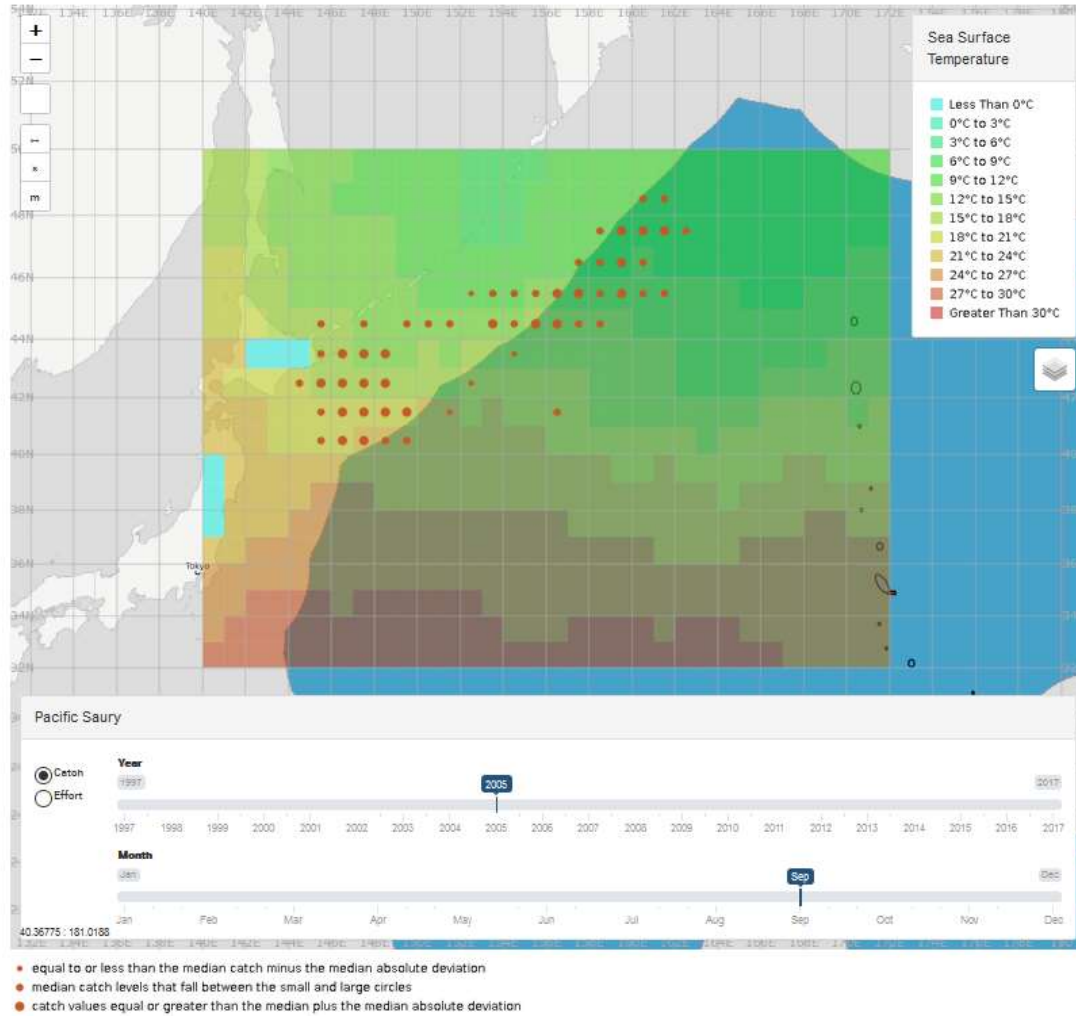
- (a) The SC recommends that Pacific saury catch and effort data be displayed on a publicly accessible map on the NPFC website in 1x1 degree cells for each month for both the national waters and for NPFC Convention Area cells. The map should show a small, medium, or large circle in each monthly 1x1 degree cell representing the catch or effort (different layers) for data from all Members. The size of the circle to be shown in each grid cell and month will be as follows: The small circles will represent catch (or effort) values equal to or smaller than the median catch (or effort) for that month from all Members' data minus the median absolute deviation. The large circles will represent catch values equal to or larger than the median plus the median absolute deviation. A medium circle will represent median catch levels that fall between the small and large circles.
- (b) Months and cells with no catch or with no effort will have no symbol. This will allow for the public to see relative catch and effort data for Pacific saury, without revealing specific catch or effort data values or identifying which Members are represented.
- (c) Catch and effort map specifications for other species will be determined on a case-by-case basis.

#### Current Status:

The Secretariat has revised the map and implemented all the recommendations given by Members.

URL: <https://www.npfc.int/science/gis/catch-effort/saury>

### Pacific Saury - Catch / Effort



#### Implemented features:

- Map is displayed on a publicly accessible site on the NPFC website
- 1x1 degree cells
- Monthly
- National waters and NPFC Convention Area
- Map shows a small, medium, or large circle in each monthly 1x1 degree cell
- Small circles represent catch (or effort) values equal to or smaller than the median catch (or effort) for that month from all Members' data minus the median absolute deviation
- Large circles represent catch values equal to or larger than the median plus the median absolute deviation.
- Medium circles represent median catch levels between the small and large circles.
- Months and cells with no catch or with no effort will have no symbol