
OR Commercial Shrimp and Nearshore Data Formatting

Received on 7/16/2009, in .dbf tables, via email from:

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Modifications/Formatting

- Data were received summarized by month and by year.
- Locations were in the form of Lat and Long coordinates representing the center of Fishing Blocks.

Month Summary Data:

- Points were generated from the coordinates. Points that fell on land were moved to the closest Fishing Block.
- 574 records contained "0, 0" coordinates. These represent records from data that did not meet Oregon's 3-minimum vessel confidentiality rule, and summarized as a confidential location. Confidential location records were exported into their own table.
- The point locations were intersected with the ORWA fishing block feature class to get the IDs of the fishing blocks that the points fell inside.
- The species table provided with the data was joined to the intersect table and the confidential records appended. Gear class field added.
- The final table was exported to the geodatabase and unnecessary fields deleted (lat, long, repeating blocks, fishing block areas from ORWA intersect).
- Final table exported to fisheries geodatabase as OR_Shrimp_Month_data.

Year Summary Data:

- Points were generated from the coordinates. Points that fell on land were moved to the closest Fishing Block.
- 86 records contained "0, 0" coordinates. These represent records from data that did not meet the 3-minimum vessel rule, and summarized as a confidential location. Confidential location records were exported into their own table.
- 52 records fall in CA fishing blocks, representing less than 4% of the total pounds and value of shrimp with known locations in this table. These will be included in the final data table, but will not be selectable via the custom tools. However, a GIS user can still access these records through the table itself.

- The point locations were intersected with the ORWA fishing block feature class and with the CA fishing block feature class to get the IDs of the fishing blocks that the points fell inside.
- The species table provided with the data was joined to the intersect table and the confidential records appended. Gear class field added.
- The final table was exported to the geodatabase and unnecessary fields deleted (lat, long, repeating blocks, fishing block areas from ORWA intersect).
- Final table exported to fisheries geodatabase as OR_Shrimp_Year_data.

Field Definitions

OR_Shrimp_Month_data:

LOG_TYPE: Logbook source (Shrimp or Nearshore)
YEAR: Year of harvest.
MONTH: Month of harvest.
GEAR: OR fishing gear code.
SP_CODE: PacFIN species code.
SUM_LBS: Sum of pounds caught, rounded to the nearest pound.
SUM_VALUE: Sum of value in US dollars.
COUNTDOC: Count of the individual vessels fishing in the block.
AVGDEPTH: The average depth in fathoms of the individual tows in a block.

DURATION: Average hours spent fishing.
FREQ: the number of individual tows (shrimp) or sets (nearshore) in a block.
BLOCK10_ID: OR and WA fishing block code.
ODFW: OR DFW Species Code.
SCIENTIFIC: Species scientific name.
COMMON: Species common name.
PACFIN: PacFIN species code.
GROUP: Species group classification.
GEAR_CLASS: Fishing method gear classification.

OR_Shrimp_Year_data:

LOG_TYPE: Logbook source (Shrimp or Nearshore)
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