## **ERMA Offshore Environmental Sensitivity Index (ESI) Tool**

This tool allows you to query the Offshore Environmental Sensitivity Index (ESI) maps created by the Bureau of Safety and Environmental Enforcement (BSEE) which provides a summary of marine biological resources at risk if an oil spill, or other hazardous incident, occurs.

To read more about ESIs and download the source Offshore ESI data, see the NOAA ESI Download site.

ERMA can be used to view the ESI maps and visualize multiple ESI elements. View the Offshore ESI data in ERMA for the Gulf of Mexico or for Alaska.

## To run an Offshore ESI query:

- On the Query Tools tab in ERMA, create one or more polygons using the Create Polygon button. To make a polygon, click on a spot on the map and then move the mouse pointer to draw the polygon's first side. When the map displays the shape that you want, double-click or press any key to turn off the Polygon Tool. Repeat these steps for additional polygons.
- Use the drop down menu to select "NOAA ESI Query Tool". Select the layers
  to query and the months when the data will be retrieved. When finished
  select Run Query.

ERMA Gulf of Mexico + i Q DC --- + f + = % OUERY TOOLS Create new shapes by selecting the Create Polygon button, Draw the polygon on the map by clicking vertices with the mouse. Double click to stop drawing. You may also import an existing All shapes drawn on the map will be used. If you want run the query with one shape, delete the remaining shapes. You do not need to select a shape for it to be run in the query. \* Step 2: Select a Query Tool that are at risk if an oil spill occurs. This includes biological Sep Oct Nov Dec Gulf of Mexico Offshore ESI Biological Other Bio Index (polygons) Bird Habitat Invertebrates Marine Mammal:

A new window will appear in your browser with a report highlighting what species are found within the query area and a small map highlighting the area of interest with total acreage. Scroll down to see the specific species listed in the summary, what jurisdiction they fall under for endangered species status (federal or state), and what months they are present in different life stages. The report URL is a permanent link to the ESI query and can be shared and reused.

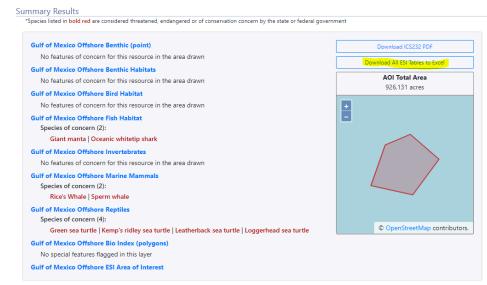
## Environmental Sensitivity Index: Resources at Risk



This report was generated on 8/27/24, 11:18 AM

Atlas(es) used in this report: Gulf of Mexico Offshore

Months selected in this report: Jul, Aug, Sep



To download a report that includes a full set of the ESI tables in Excel, see the top right of the report window for the Download All ESI Tables in Excel option.