



## U.S. Geological Survey Data Series 469

### Seabed Photographs, Sediment Texture Analyses, and Sun-illuminated Sea Floor Topography in the Stellwagen Bank National Marine Sanctuary Region off Boston, Massachusetts

## Data Catalog

Data layers with geographic coordinates are provided to allow the data to be integrated into a GIS. A GIS is defined as a system of hardware and software to support the display, manipulation, and analysis of spatial data for mapping and complex data solving. This integrated package provides researchers the ability to integrate, analyze, and map data sets to help with economic and social policy-making decisions regarding the environment.

Data layers archived here should not require additional processing to be used in the Environmental Systems Research Institute's (ESRI) *ArcGIS* software. This does not mean that users will not wish to do additional processing, especially in a different GIS software package or spheroid, but that it is not necessary to do additional processing simply to use the data in its minimum archive format.

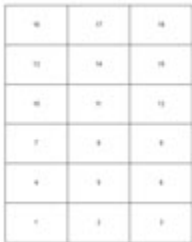
For users who do not have the **ESRI** software or a compatible GIS data browser available on their computer, a free viewer, *ArcExplorer*, is available from ESRI [here](#). The key functionality of *ArcExplorer* is the viewing of spatial data.

Each GIS data layer from this publication is cataloged below for easy access. The descriptions of the individual data layers below include the shapefile name, which is linked to a browse graphic showing the data-layer extent and coverage. Selecting the ***data-layer name*** will cause the browse graphic to be displayed in a separate browser window.

**Federal Geographic Data Committee (FGDC)** metadata for the individual data layers are provided in HTML, FAQ, and text versions. Selecting associated metadata files from the table below will cause the information to appear in a new browser window.


A compressed, downloadable archive file containing the components of the ArcGIS shapefile for each data layer is also provided. Compressed downloadable files were created by using the Windows program WINZIP v9.0.

### Quadrangle Boundary of the Stellwagen Bank National Marine Sanctuary Region


| Data-Layer name and description                    | View  | Metadata             | Files                       |
|--|---|----------------------|-----------------------------|
| quadbnd--shapefile of the 18 quadrangle boundaries |  | <b>HTML FAQ text</b> | <b>Shapefile</b><br>(23 KB) |

### Sediment Textural Analyses from the Stellwagen Bank National Marine Sanctuary Region

| Data-Layer name and description | View | Metadata | Files |
|---------------------------------|------|----------|-------|
|---------------------------------|------|----------|-------|

|  |  |                      |   |
|--|--|----------------------|---|
| sb_sedsamples--shapefile showing the geographic location of each sediment sample grab. |  | <b>HTML FAQ text</b> | <b>Shapefile and Sediment Excel</b><br><br>(801 KB) |
|--|--|----------------------|---|

## Photographic Images from the the Stellwagen Bank National Marine Sanctuary Region

| Data-Layer name and description   | View  | Metadata             | Files                        |
|---|---|----------------------|------------------------------|
| sb_photolocs--shapefile showing the geographic location of each photograph taken. |  | <b>HTML FAQ text</b> | <b>Shapefile</b><br>(684 KB) |

## Zipped JPEG Images of Seafloor in Medium and High Resolution and EXIF Excels

| Quadrangle | Metadata             | Download   |                                   |
|------------|----------------------|--|-----------------------------------|
| 1          | <b>HTML FAQ text</b> | <b>High Resolution</b> (578 MB)  | <b>Medium Resolution</b> (168 MB) |
| 2          | <b>HTML FAQ text</b> | <b>High Resolution</b> (59 MB)   | <b>Medium Resolution</b> (17 MB)  |
| 3          | <b>HTML FAQ text</b> | <b>High Resolution</b> (52 MB)   | <b>Medium Resolution</b> (17 MB)  |
| 4          | <b>HTML FAQ text</b> | <b>High Resolution</b> (367 MB)  | <b>Medium Resolution</b> (100 MB) |
| 5          | <b>HTML FAQ text</b> | <b>High Resolution</b> (260 MB)  | <b>Medium Resolution</b> (75 MB)  |
| 6          | <b>HTML FAQ text</b> | <b>High Resolution</b> (563 MB)<br><b>High Resolution 2</b> (582 MB)   | <b>Medium Resolution</b> (345 MB) |
| 7          | <b>HTML FAQ text</b> | <b>High Resolution</b> (195 MB)<br><b>High Resolution 2</b> (543 MB)<br><b>High Resolution 3</b> (498 MB)                                      | <b>Medium Resolution</b> (301 MB) |
| 8          | <b>HTML FAQ text</b> | <b>High Resolution</b> (403 MB)<br><b>High Resolution 2</b> (517 MB)   | <b>Medium Resolution</b> (274 MB) |
| 9          | <b>HTML FAQ text</b> | <b>High Resolution</b> (397 MB)  | <b>Medium Resolution</b> (121 MB) |
| 10         | <b>HTML FAQ text</b> | <b>High Resolution</b> (130 MB)  | <b>Medium Resolution</b> (38 MB)  |
| 11         | <b>HTML FAQ text</b> | <b>High Resolution</b> (325 MB)  | <b>Medium Resolution</b> (87 MB)  |
| 12         | <b>HTML FAQ text</b> | <b>High Resolution</b> (271 MB)  | <b>Medium Resolution</b> (83 MB)  |
| 13         | <b>HTML FAQ text</b> | <b>High Resolution</b> (84 MB)   | <b>Medium Resolution</b> (21 MB)  |
| 14         | <b>HTML FAQ text</b> | <b>High Resolution</b> (301 MB)<br><b>High Resolution 2</b> (405 MB)<br><b>High Resolution 3</b> (509 MB)<br><b>High Resolution 4</b> (325 MB) | <b>Medium Resolution</b> (438 MB) |
| 15         | <b>HTML FAQ text</b> | <b>High Resolution</b> (347 MB)  | <b>Medium Resolution</b> (104 MB) |
| 16         | <b>HTML FAQ text</b> | <b>High Resolution</b> (257 MB)  | <b>Medium Resolution</b> (70 MB)  |
| 17         | <b>HTML FAQ text</b> | <b>High Resolution</b> (458 MB)  | <b>Medium Resolution</b> (142 MB) |
| 18         | <b>HTML FAQ text</b> | <b>High Resolution</b> (332 MB)  | <b>Medium Resolution</b> (94 MB)  |