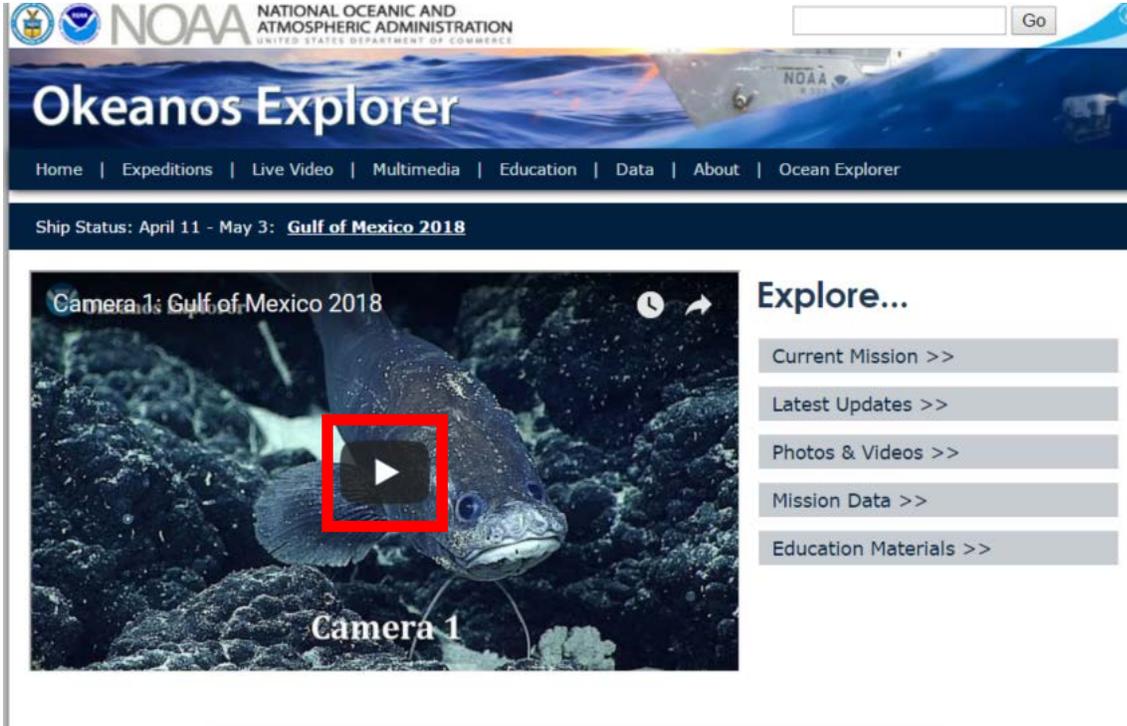


Okeanos Website: <https://oceanexplorer.noaa.gov/okeanos/>

## Watching the livestream:

### Option 1 - Clicking the Play button on the main page



NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION UNITED STATES DEPARTMENT OF COMMERCE

# Okeanos Explorer

Home | Expeditions | Live Video | Multimedia | Education | Data | About | Ocean Explorer

Ship Status: April 11 - May 3: **Gulf of Mexico 2018**

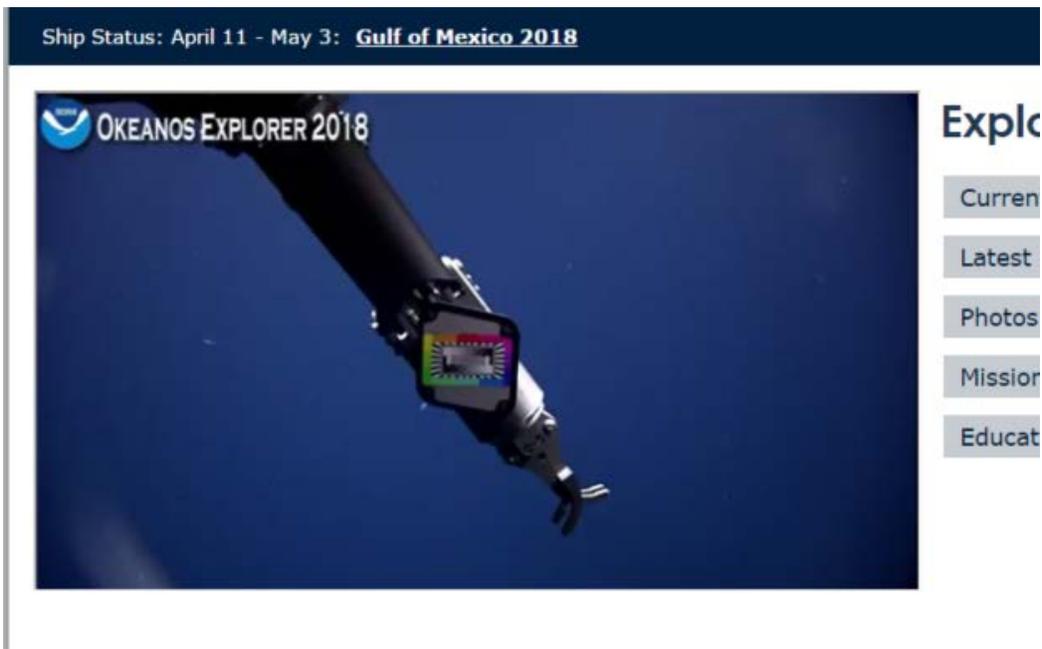
Camera 1: Gulf of Mexico 2018

Camera 1

## Explore...

- Current Mission >>
- Latest Updates >>
- Photos & Videos >>
- Mission Data >>
- Education Materials >>

Livestream will start right away



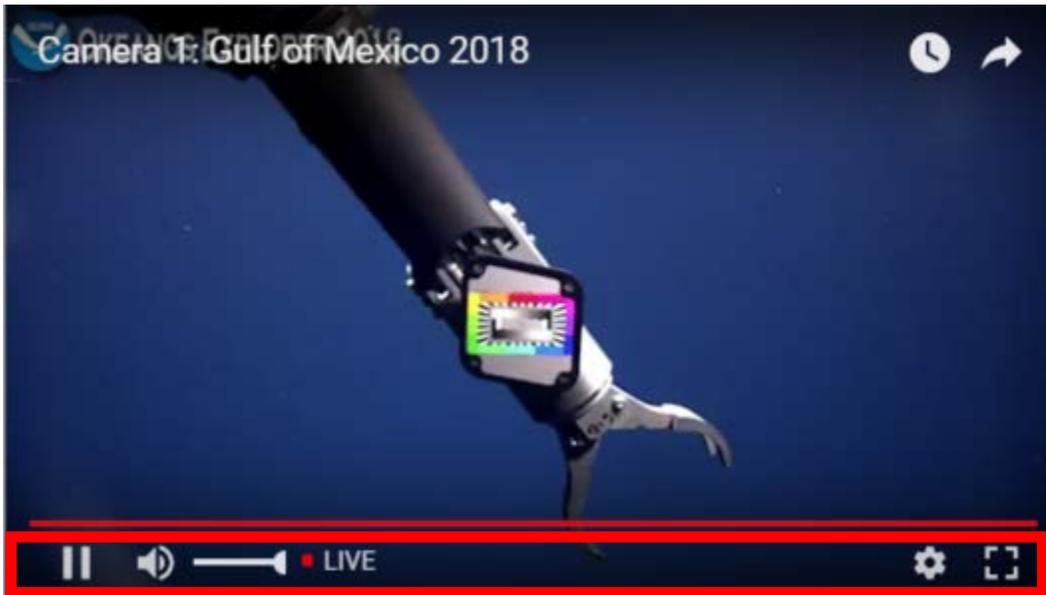
Ship Status: April 11 - May 3: **Gulf of Mexico 2018**

OKEANOS EXPLORER 2018

## Explor...

- Curren
- Latest
- Photos
- Missior
- Educat

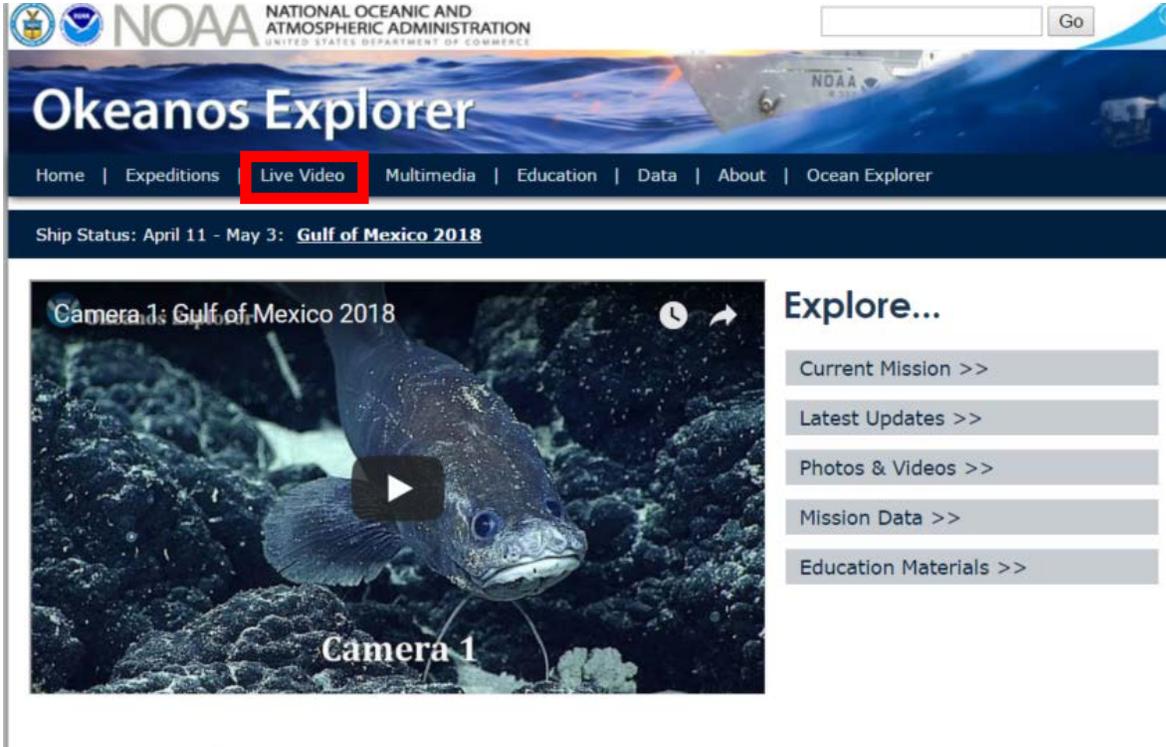
You can change video size and quality and sound from a popup menu at the bottom of the video.



### Option 2 – Clicking “Live Video” to access all 3 camera views

URL FOR all 3 Cams: <https://oceanexplorer.noaa.gov/oceanos/media/exstream/exstream.html>

Click “Live Video”



Select the camera you are interested in viewing. *Camera 1* is the main high definition camera for the ROV (good for viewing up close views of subject material), *Camera 2* is the accessory sled anchored

above the mobile ROV (good for wide views of the habitat), and *Camera 3* is the heads up display for all of the engineering and oceanographic elements of the dive (such as boat position, bathymetry and sonar).



Camera #1 | Camera #2 | Camera #3

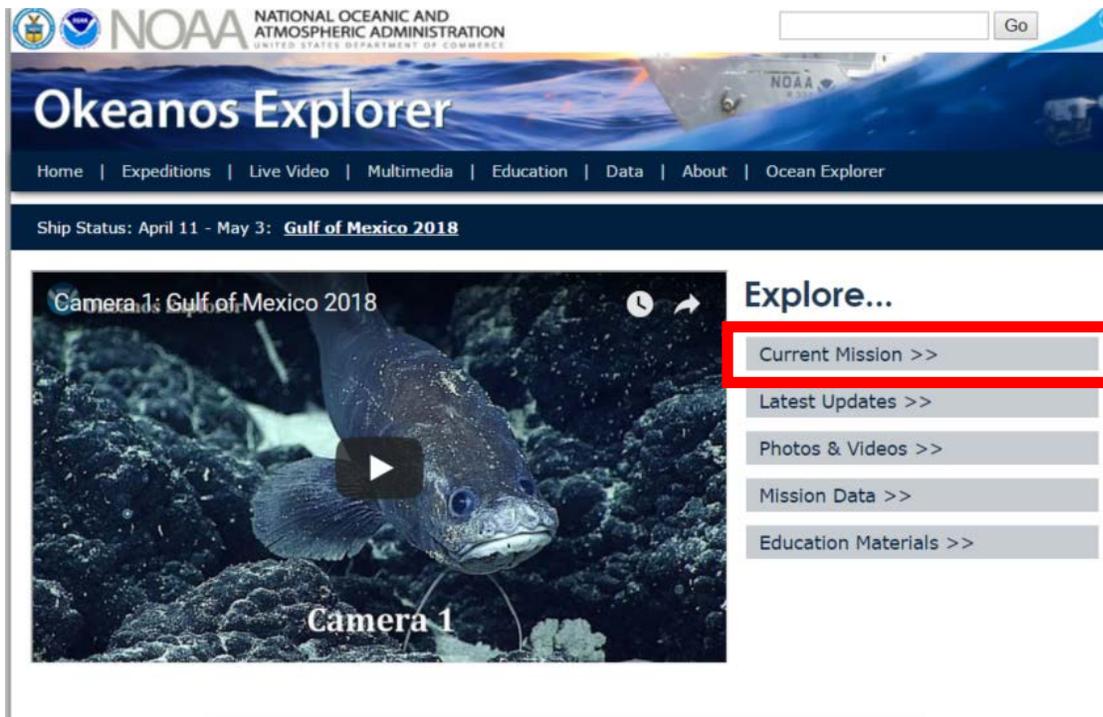
*To increase the resolution of the video, once the video is playing, click on the settings "gear" at the bottom right corner of the screen and select the "720p HD" option.*

Note regarding audio: Audio is only available during dives, when the ROVs are in the water. Live video will stream off the ship with audio from the ROV pilots and audio from the ship-to-shore science conversation. To hear more or less of one of these conversations, adjust the audio settings on your computer to shift the balance right or left, for more science and less pilots or vice versa. On a PC, you can do this through the "Speaker/Headphones" properties, which can be accessed by clicking on the speaker icon (next to the clock) and then clicking on the "Levels" tab or by going to your Control Panel, selecting "Hardware and Sound," and selecting "Sound." On a Mac, select System Preferences, Sound, and Output.

For Safari users: If the video is not loading, you may need to turn on the Flash plugin. Flash in Safari is turned off by default in many OSX install cases, the solution for this is to change the plugin preferences in the Safari browser; instructions to do so are available here: <https://helpx.adobe.com/flash-player/kb/enabling-flash-player-safari.html>

## Information on the Missions:

Click "Current Mission"



The screenshot shows the NOAA Okeanos Explorer website. At the top, there is a search bar and a "Go" button. Below the search bar is the NOAA logo and the text "NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION UNITED STATES DEPARTMENT OF COMMERCE". The main heading is "Okeanos Explorer". Below the heading is a navigation menu with links: Home | Expeditions | Live Video | Multimedia | Education | Data | About | Ocean Explorer. A banner below the menu reads "Ship Status: April 11 - May 3: [Gulf of Mexico 2018](#)". The main content area features a video player on the left with the title "Camera 1: Gulf of Mexico 2018" and a play button. To the right of the video player is a sidebar titled "Explore..." with five menu items: "Current Mission >>" (highlighted with a red box), "Latest Updates >>", "Photos & Videos >>", "Mission Data >>", and "Education Materials >>".

Brief overview of current and future missions:

### Gulf of Mexico 2018

[Live Video](#) | [Daily Updates](#) | [Mission Logs](#) | [Photos & Videos](#) | [Education](#) | [Background](#) | [Media Resources](#) | [Explorers](#)



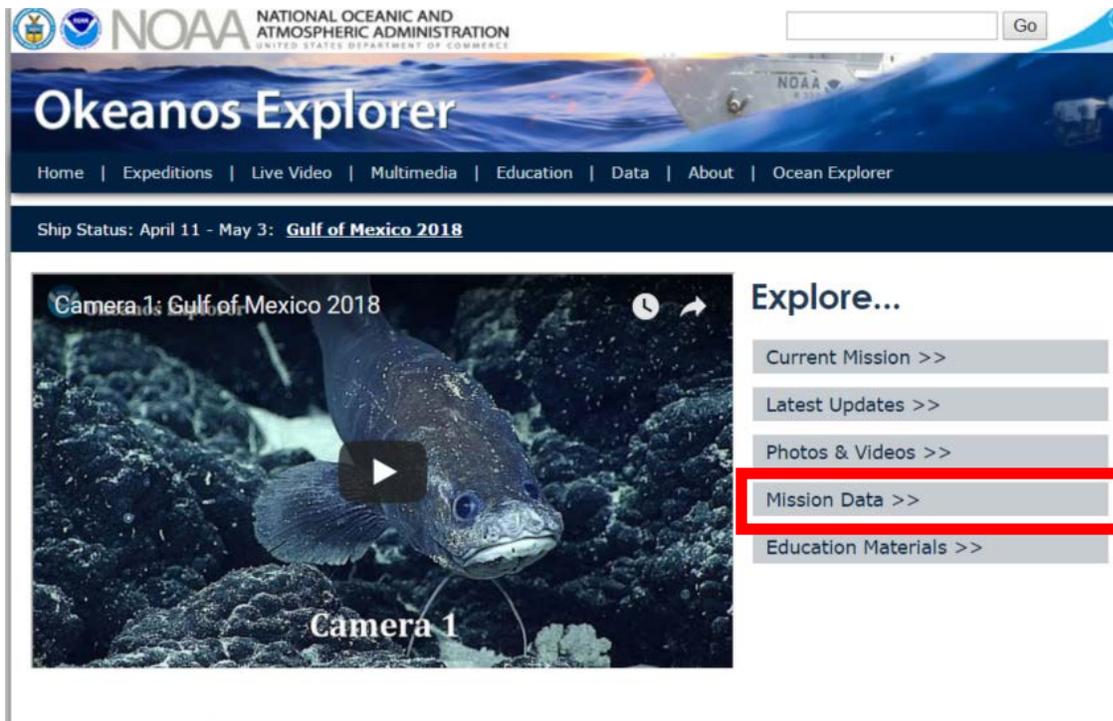
The mound in the Hidalgo Basin that NOAA Ship *Okeanos Explorer* explored during Dive 06 was formed by a very obvious "gas chimney" in the subsurface that was once the migration route for gas, sediment, and brine.



**F**rom April 11 to May 3, 2018, NOAA and partners will conduct a telepresence-enabled ocean exploration expedition on NOAA Ship *Okeanos Explorer* to collect critical baseline information about unknown and poorly understood deepwater areas in the Gulf of Mexico. [Read more...](#)

## Using the data for other lessons or projects:

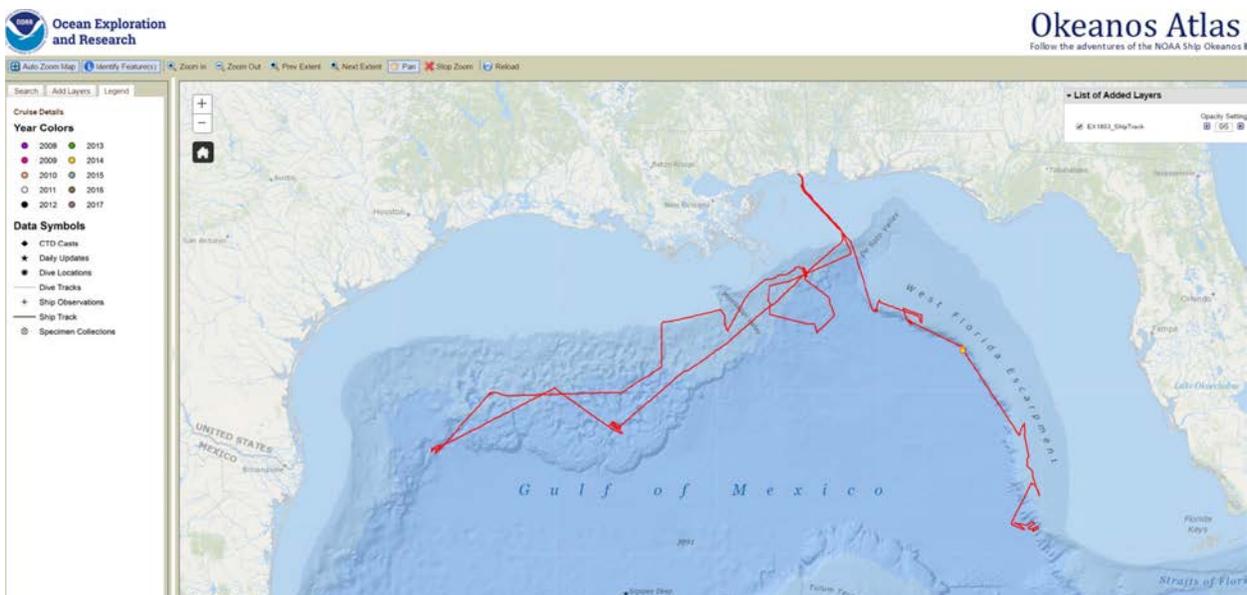
Click on “Mission Data”



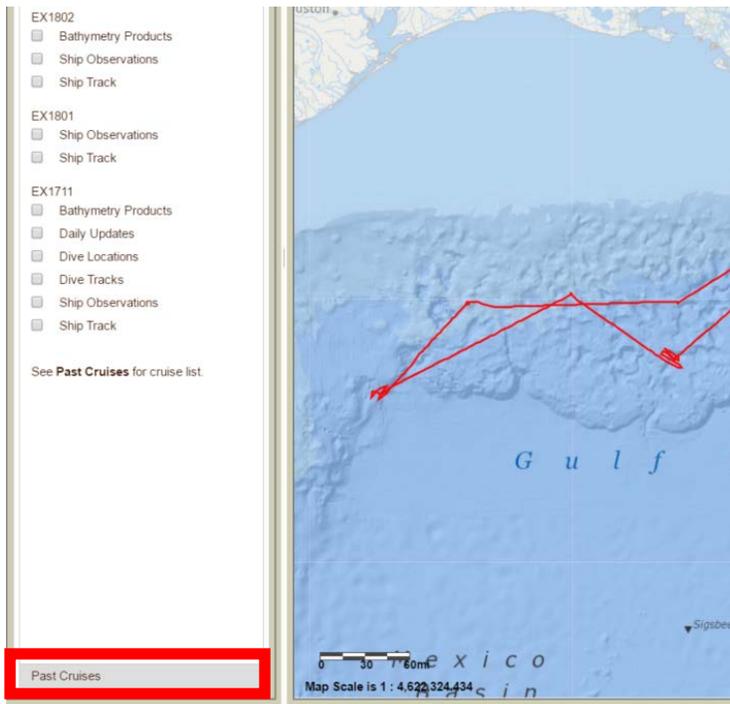
This will take you to the Okeanos Data “EXAtlas” or you can use this link:

Data URL: <https://service.ncddc.noaa.gov/website/EXAtlas/viewer.htm#>

You can see any of the current mission locations and paths taken to the sites.



You can also click “Past Cruises”



You can sort by year or by data type and then explore those cruises similar to the current cruise page.

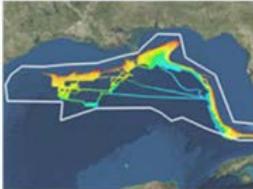


## Education Materials:

The screenshot shows the NOAA Okeanos Explorer website. At the top left is the NOAA logo and the text "NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION UNITED STATES DEPARTMENT OF COMMERCE". A search bar with a "Go" button is on the top right. The main header features the text "Okeanos Explorer" over a background image of a NOAA ship. Below the header is a navigation menu with links: Home | Expeditions | Live Video | Multimedia | Education | Data | About | Ocean Explorer. A dark blue banner below the menu displays "Ship Status: April 11 - May 3: [Gulf of Mexico 2018](#)". The main content area is split into two columns. The left column shows a video player for "Camera 1: Gulf of Mexico 2018" with a play button and a "Camera 1" label at the bottom. The right column is titled "Explore..." and contains a list of links: "Current Mission >>", "Latest Updates >>", "Photos & Videos >>", "Mission Data >>", and "Education Materials >>". The "Education Materials >>" link is highlighted with a red rectangular border.

Several education resources to choose from:

### Why Are We Exploring the Gulf of Mexico?



### Exploring Live!



### Content Essays



### Classroom Lessons



### Education Resources: National Marine Sanctuaries



### Who Is Exploring?



### Ocean Today Videos



### Related Expeditions

