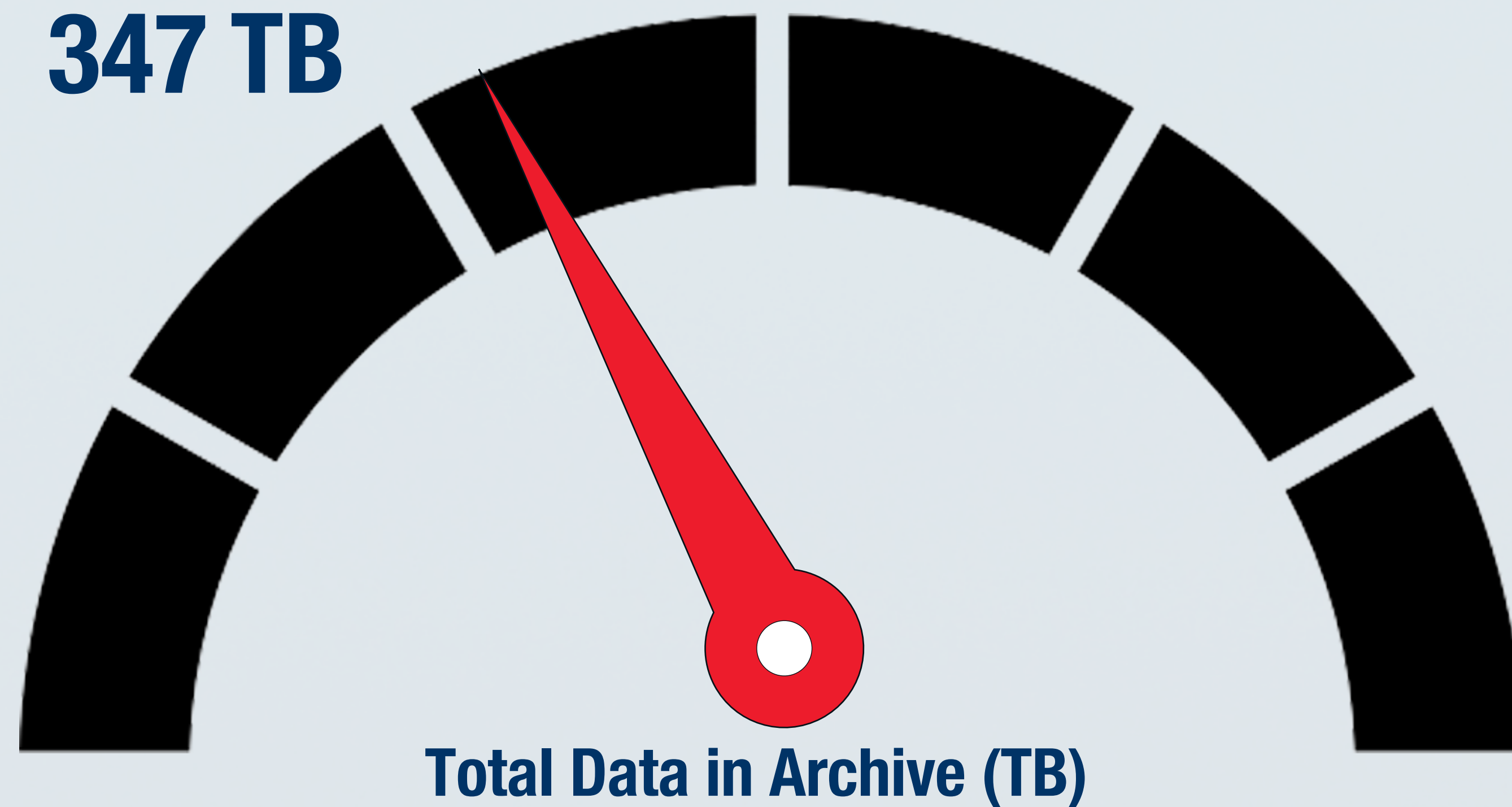


# NOAA's National Archives for Ocean Acoustic Data

## Long-term Stewardship and Global Access

### Water Column Sonar

347 TB



Total Data in Archive (TB)

Water column sonars emit sound to map the area of the ocean from the surface to the seafloor. These sonar data are used to detect fish schools and other mid-water marine organisms, assess biological abundance, identify methane seeps, and characterize habitat.

Water column sonar data have a variety of applications including informing fisheries stock assessments, monitoring undersea oil spills, and mapping shipwrecks.

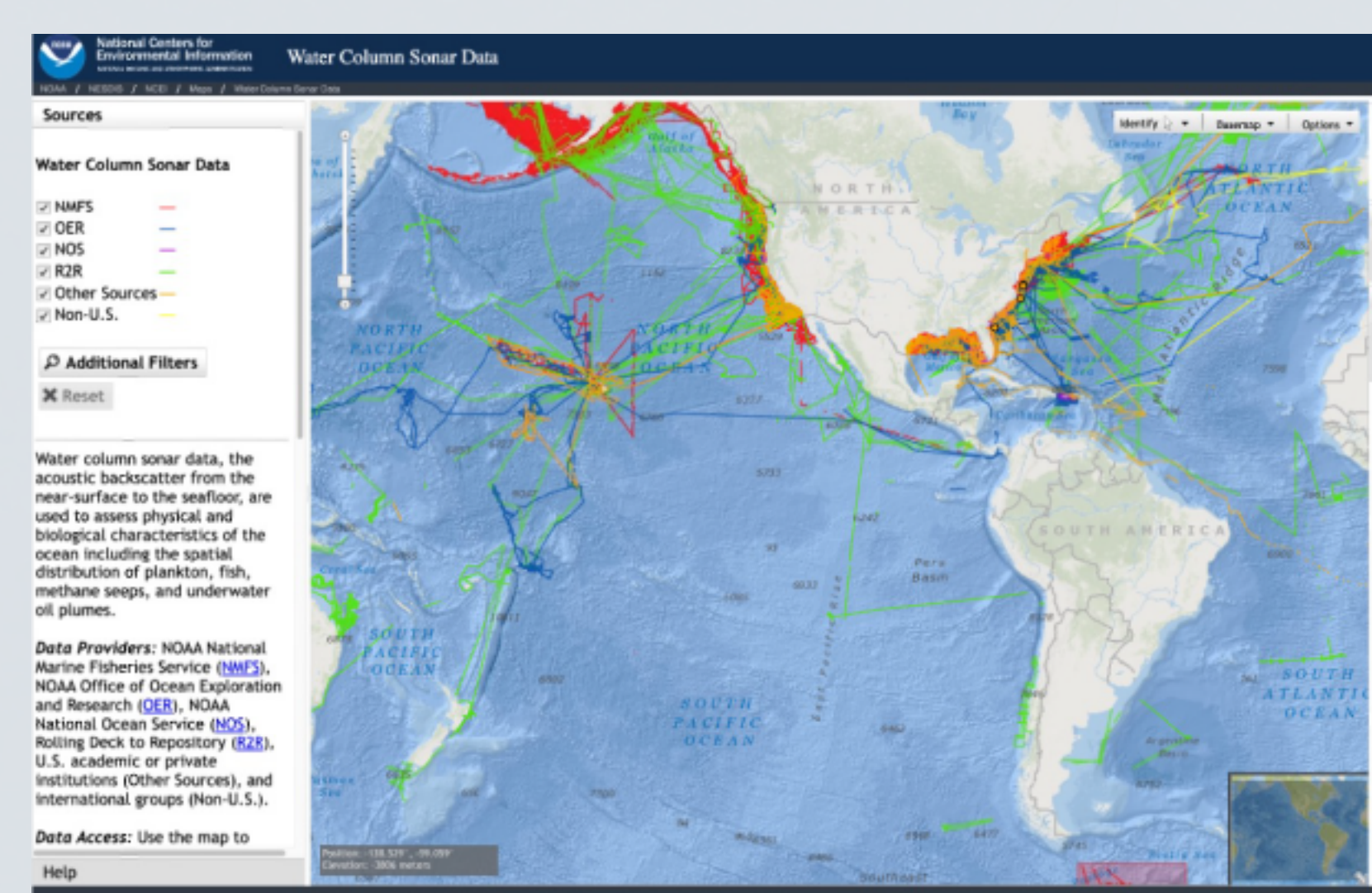
### NCEI Water Column Sonar Data Archive

#### Data Submission



**CruisePack** data packaging tool facilitates data submissions to the archive.

#### Data Discovery



Web-mapped map viewer to easily discover, query, and access archived data

#### Additional Information



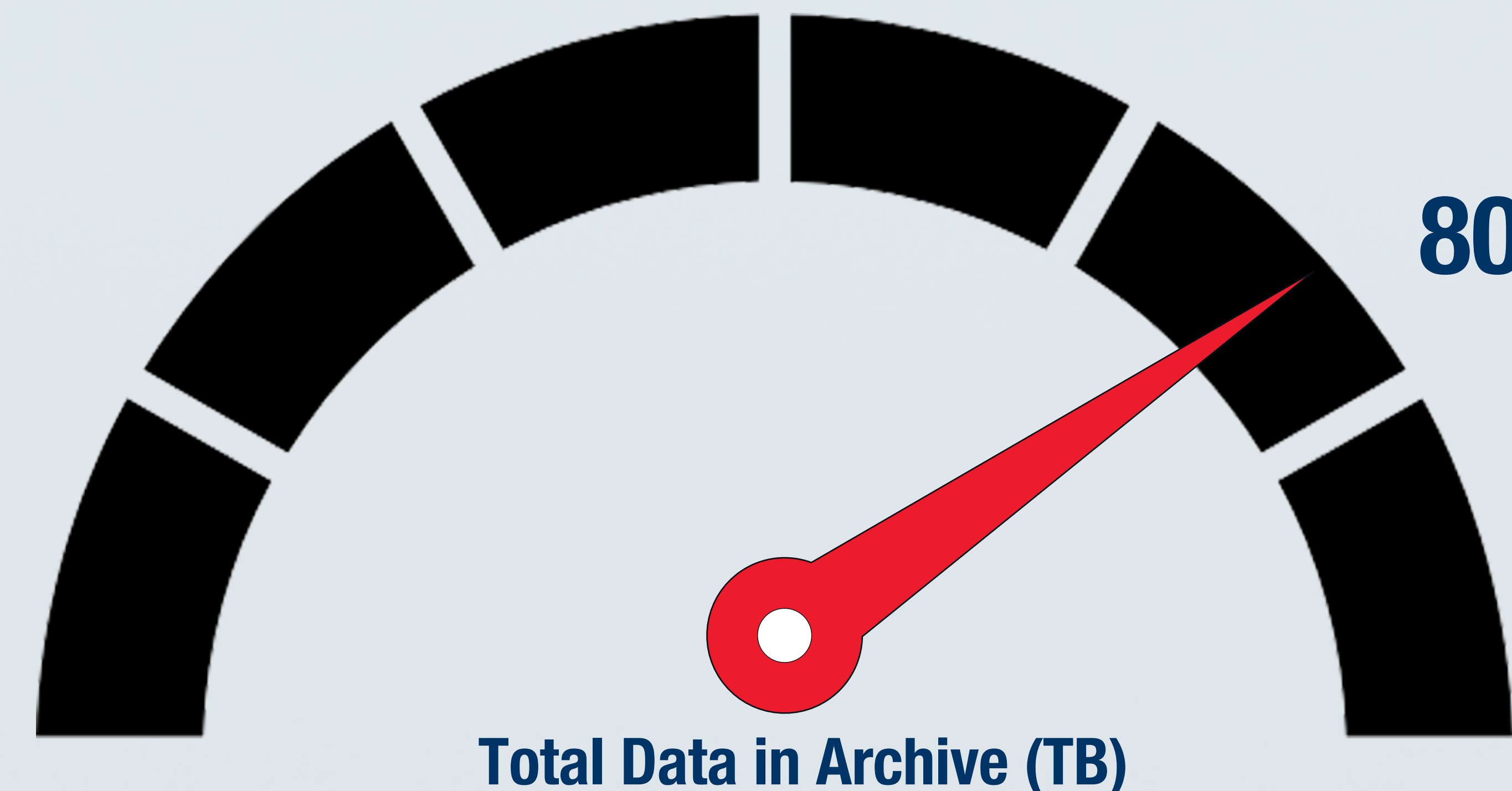
wcd.info@noaa.gov



Data on Amazon Web Services through NOAA Open Data Dissemination Program  
Image Credit: Amazon Web Services

### Passive Acoustics

806 TB



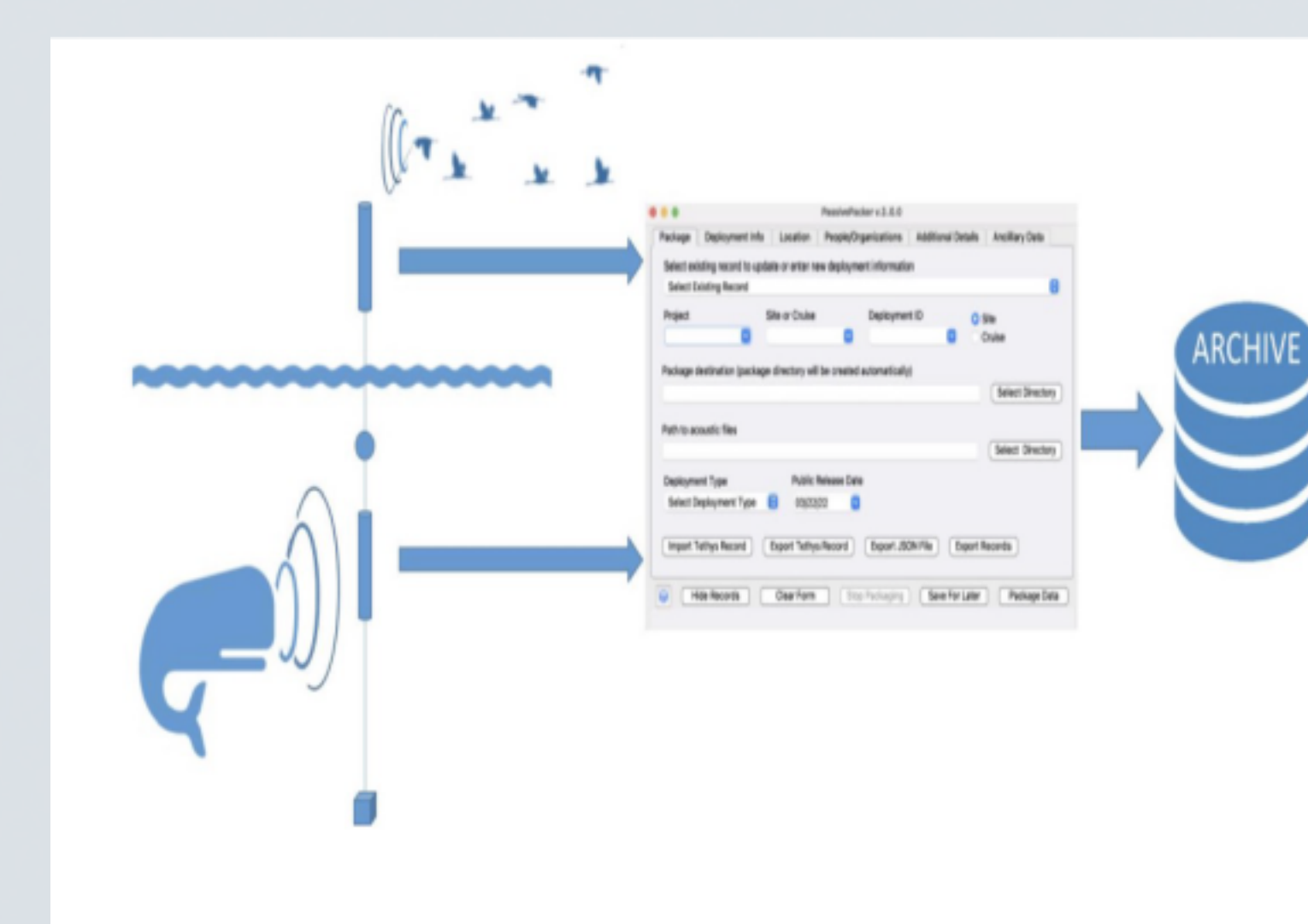
Total Data in Archive (TB)

Passive acoustic monitoring uses listening instruments that record ocean or land soundscapes. Scientists analyze these data to identify and characterize sounds from animals, wind, waves, undersea geologic activity, and human activity.

Applications of passive acoustic data include monitoring the quality of habitats, protecting endangered marine mammals, and reducing the impact of vessel noise on the overall acoustic environment.

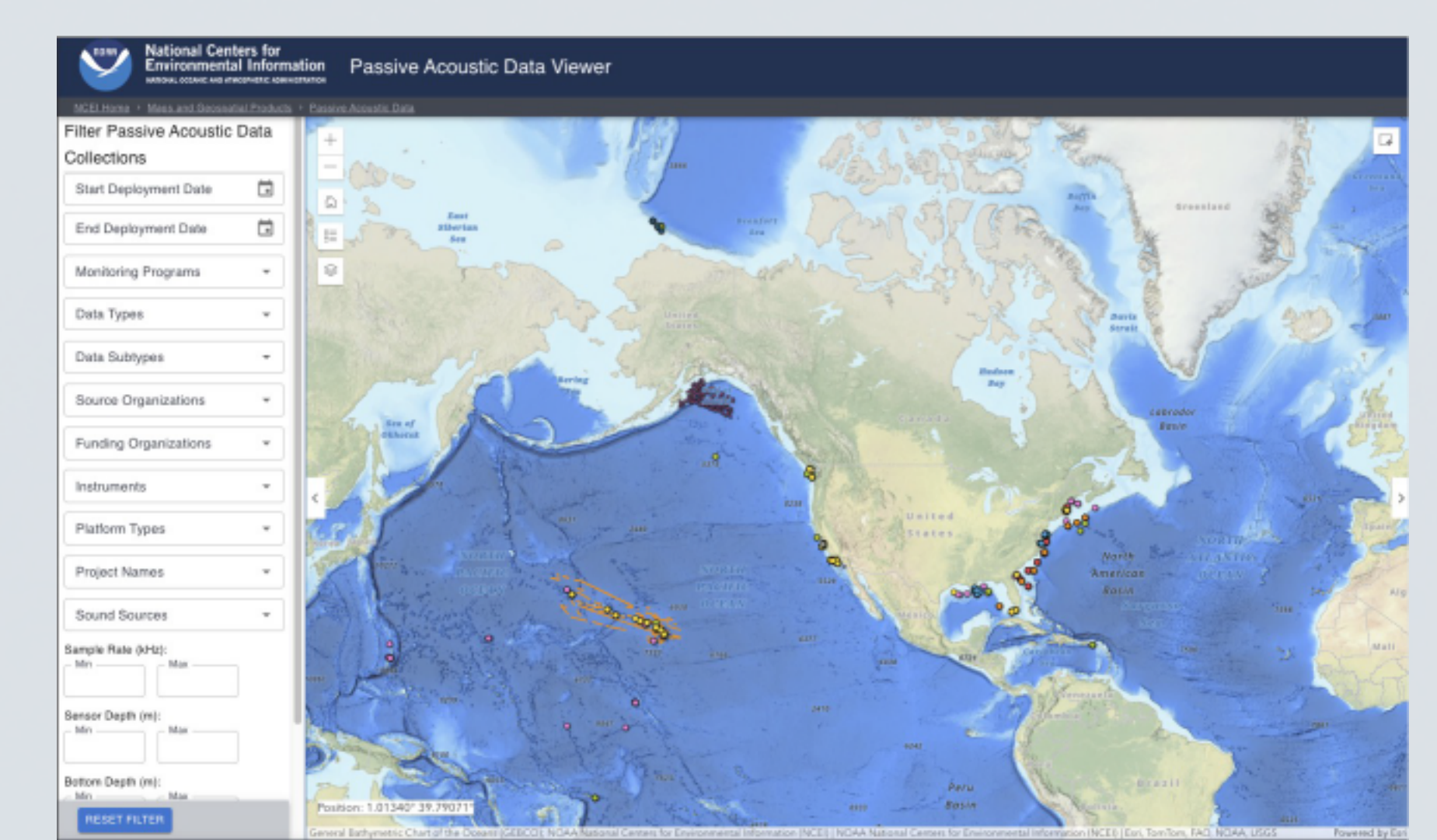
### NCEI Passive Acoustic Data Archive

#### Data Submission



**PassivePacker** data packaging tool facilitates data submissions to the archive.

#### Data Discovery



Web-mapped map viewer to easily discover, query, and access archived data

#### Additional Information



pad.info@noaa.gov



Data on Google Cloud Platform through NOAA Open Data Dissemination Program  
Image Credit: Google



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