

Focusing on:

Envisat MERIS Full Resolution Level-2 data

The data

MERIS Full Resolution Level-2 is a **geophysical product for ocean, land and atmosphere studies**. Each MERIS Level-2 geophysical product is derived from a MERIS Level-1 product and auxiliary data specific to the MERIS Level-2 processing

Applications

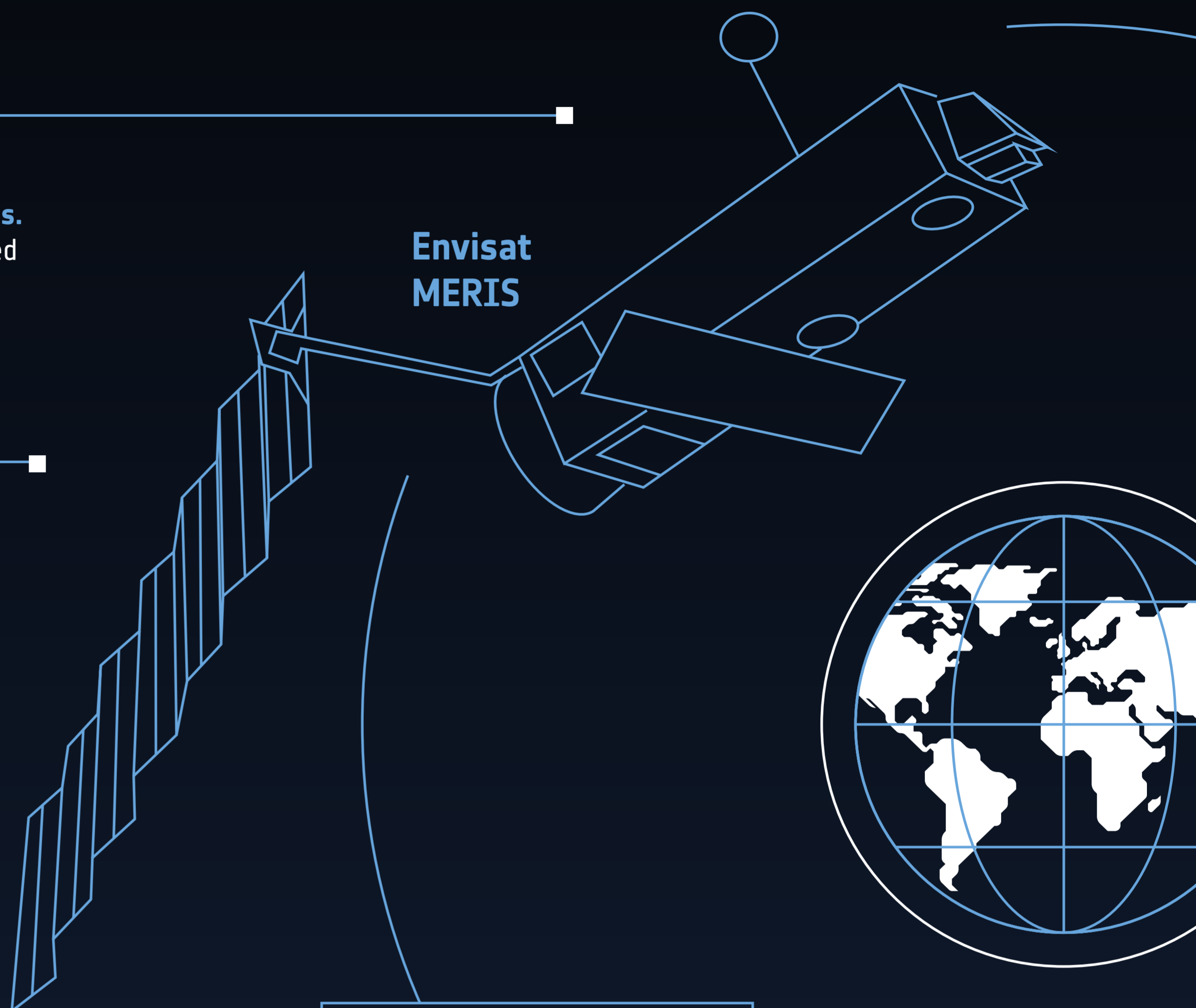
MERIS collected ocean colour, terrestrial and atmospheric observations. The MERIS Full Resolution Level-2 product enables research into:

- Ocean processes
- Water quality
- Climate studies
- Atmospheric conditions
- Vegetation cover

Mission and instrument

Mission	Envisat
Instrument	The Medium Resolution Imaging Spectrometer (MERIS)
Measurements	Optical data in the visible and near-infrared range

MERIS
originally designed for **measuring ocean colour**, the sensor's scope was broadened to serve **atmospheric and terrestrial applications**



Coverage

Temporal:

17 May 2002 – 8 April 2012

Spatial:

The collection has a global coverage. You can check the availability of data using this map:



Products

The collection contains:

- **Envisat MERIS Full Resolution Level-2 product**

The product has a Sentinel-3-like NetCDF format, and a resolution of 260 m across track and 290 m along track. Available data can be [browsed and assessed online](#)

Data access type

Access to the product is free and open:

earth.esa.int/eogateway/catalog/envisat-meris-full-resolution-full-swath-level-2-mer_frs_2p-