Aviso: altimetry products at your service

Sensor products

Geophysical sensor data (S(I)GDR) 🕐
Along-track waveform information, corrections to apply

Auxiliary products

Mean Sea Surface (MSS CLS'01)
Gridded mean sea profile wrt reference ellipsoid

Dynamic Atmospheric Corrections (DAC)
Correction of the ocean response to atmospheric wind and pressure forcing

Tidal model (FES 2004)
Worldwide tide prediction software

Mean Dynamic Topography (MDT) [global + Med]
Gridded mean sea surface above geoid

Coastal & hydrology products

Coastal & Hydrology Geophysical Data Records 🕐
Along-track altimetric measurements, averaged at 20 Hz with additional information wrt GDRs

Ocean indicators

ENSO index & maps
Monthly means of SLA over the Tropical Pacific & index over the Nino3.4 region

Mean Sea Level
Mean sea level variations & gridded trend maps

Wave heights and wind speed

Maps of Wind speed / Significant Wave Heights (MWind / MSWH)
Gridded wind speed modulus & significant wave heights

Geophysical Data Records (GDR)
Along-track altimetric measurements, averaged at 1 Hz or 20 Hz

Monomission Corrected Sea Surface Heights (CorSSH)
Along-track sea surface heights wrt reference ellipsoid + corrections and wind/wave data

Sea surface height and derived products

Geophysical Data Records (GDR) 🕐
Along-track altimetric measurements, averaged at 1 Hz or 20 Hz

Monomission Corrected Sea Surface Heights (CorSSH)
Along-track sea surface heights wrt reference ellipsoid + corrections and wind/wave data

Ssalto/Duacs Extended Sea Level Anomalies (SLA-ext) [N. Atlantic + Gulf of Mexico] 🕐
Along-track sea level anomalies wrt a several-year mean with some corrections

Ssalto/Duacs Sea Level Anomalies (SLA) [global + Med + Black Sea] 🕐
Along-track sea level anomalies wrt a several-year mean

Ssalto/Duacs Absolute Dynamic Topography (ADT) [global + Med] 🕐
Along-track sea surface height wrt geoid (dynamic topography)

Ssalto/Duacs Maps of Sea Level Anomalies (MSLA) [global + Med + Black Sea] 🕐
Gridded sea level anomalies wrt a several-year mean

Ssalto/Duacs Maps of Absolute Dynamic Topography (MADT) [global + Med] 🕐
Gridded sea surface height wrt geoid (dynamic topography)

🟢 **Gridded products**

Along-track data

🕐 **Data available in Near-Real Time**

User Service

The helpdesk: your first and last stop to have access to data, information and help

Data distribution

Aviso makes altimetry and Doris data available and/or sends them on DVDs

Data discovery

Product descriptions on the web to help choose the data best suited to your need among a selection of most-wanted products

Information & documentation

Information on the web to help data users and promote their work

Software

Data reading routines, link to the Basic Radar Altimetry Toolbox

Altimetry data Catalogue

Interactive online catalogue of Altimetry and Doris Products. NEW version (Summer 2009) at
http://aviso-data-center.cnes.fr/ssalto/

Data visualization tools

Online tools to have a look at altimetry data (Live Access Server; online bulletin)

Data extraction tools

Online tools to extract a period or a region within some altimetry data

aviso@cls.fr
www.aviso.oceanobs.com

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