

Application for Category 1 use data access can be submitted to ESA **at any time** using the ESA Earth Observation Principal Investigator portal (<http://eopi.esa.int>)

When the requested data is systematically available on ESA Internet servers (e.g. **MERIS RR, AATSR, Altimetry, Atm.**) :
→ **Registration**

When the requested data is related to specific acquisition or dissemination constraints (e.g. **ASAR**) :
→ **Project proposal**
The proposal is submitted to a peer review process [average 8 weeks before acceptance notification]

Terms and conditions:

- to use the data provided for Category 1 use only **within the project team** (i.e. PI and co-PIs) and only for the purpose described in the project proposal,
- to widely **publish** the project results in **scientific publications** or presentations (with data citation: **“[mission or instrument] Data provided by European Space Agency”**).

	NRT & recent data	availability	period	coverage
DDS ←	MERIS Red. Resolution (1200 m) ASAR Medium Resolution (75 m) ASAR Global Monitoring (1000 m)	Systematic (i.e. processing of all data)	Rolling archive of last 7 days	Worldwide coverage
DDS ←	AATSR Altimetry	Product available within 3 hours from acquisition (95%)		
DDS ←	SCIAMACHY, GOMOS			
	MERIS Full Resolution (300 m) Level 1 – Europe coverage	Systematic	Rolling archive of last 20 days	Europe coverage
	MERIS Full Resolution (300 m) ASAR High Resolution (12.5 m)	On request [Service limited to pre-operational needs]	Few hours after acquisition	According to instrument planning
	Archived data	availability	period	coverage
	MERIS Red. Resolution (1200 m) Altimetry SCIAMACHY, MIPAS, GOMOS AATSR (in 2007)	Systematic (i.e. for each re-processing of the data)	Whole mission since mid-2002	Worldwide coverage
	MERIS Full Resolution (300 m) ASAR High Rate	On request [Service limited to pre-operational needs]	Whole mission since mid-2002	Worldwide coverage

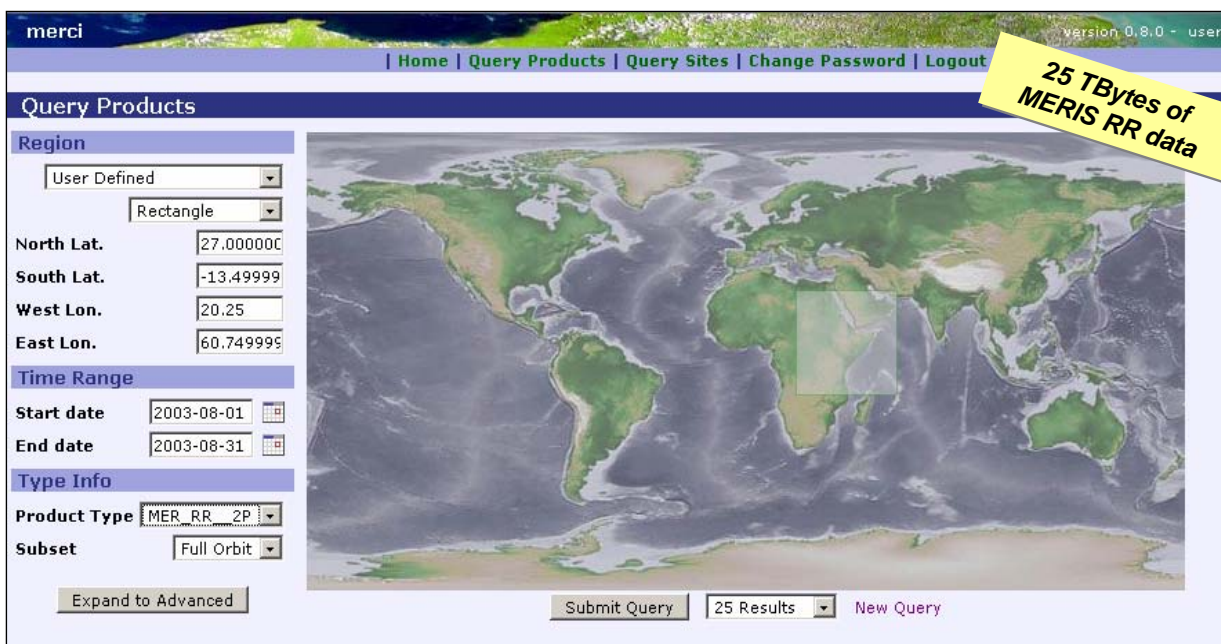
Internet

If not yet available on Internet, data are delivered on media (CD-Rom or DVD-Rom)

- A first phase of data provision until end 2008 with provision of 1/3 of the requested Meris Full Resolution and ASAR High Bit Rate, likely around 1000 products (TBC) for each of the two instruments. No on-demand data acquisition.
- Ordering of on-demand processing products an issue that will have to be addressed. ESA will help in investigating how ordering possibly can be automated (e.g. scripts).
- Some outputs of DUE, e.g. GlobCover could be relevant for CEOP.
- Data is all free, but media costs apply for delivery on DVDs. More and more data available on the Internet, i.e. no costs.
- CEOP will have access to all products systematically generated, available on the Internet at no cost.
- Data delivery (download) can start within two weeks

Data access through Internet: what are the available data ?

MERCI web interface, giving access to global MERIS Reduced Resolution archived data



mercI version 0.8.0 - user

| Home | Query Products | Query Sites | Change Password | Logout

Query Products

Region

User Defined

Rectangle

North Lat. 27.000000

South Lat. -13.499999

West Lon. 20.25

East Lon. 60.749999

Time Range

Start date 2003-08-01

End date 2003-08-31

Type Info

Product Type MER_RR_2P

Subset Full Orbit

Expand to Advanced

Submit Query 25 Results New Query

25 TBytes of MERIS RR data

Registration requested to <http://eopi.esa.int>

MERCI web interface will be used also for AATSR archived data (2007)

- Envisat operations funding until 2010
- 78 different types of ESA Envisat data products
- 280 Gigabytes of data products generated per day at ESA
→ 500 Terabytes to date
- Envisat mission: <http://envisat.esa.int>
- Category 1 use registration or proposal: <http://eopi.esa.int>
- ESA web portal: <http://www.esa.int>
- Envisat images: <http://earth.esa.int/earthimages>
<http://miravi.eo.esa.int>



Mar 12, 2007, 10am

Mar 11, 2007, 4pm

