

## **Jason-1 altimetry products distributed by PO.DAAC**

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The Jason-1 altimetric satellite, launched December 2001, follows on from the successful, and still operational, TOPEX/POSEIDON satellite. Data from Jason-1 will extend the high accuracy sea surface height data already collected by TOPEX/POSEIDON, and will be used by oceanographers, climatologists and other scientific and commercial users.

The Physical Oceanography Distributed Active Archive Center (PO.DAAC) is NASA's primary data center for archiving and distributing satellite oceanographic data. Presently, PO.DAAC is supporting the Jason Science Working Team (JSWT) by providing data during the mission Verification Phase. After the Verification Phase (Fall 2002), Jason-1 data will be made available to the general user community, and PO.DAAC expects to distribute data to over 400 users. The following Jason-1 data products will be made available: near-real-time operational sensor data record (OSDR), interim geophysical data record (IGDR), a TOPEX GDR comparison product (GCP) and higher level products, such as global gridded data, a reduced volume sea surface height anomaly product and quick-look browse images.

In this paper, we present the Jason-1 products that will be available from PO.DAAC and the activities that are being undertaken in order to make the data available to a large user community. We also describe PO.DAAC's high-reliability system for providing near-real-time data (within 3 hours of observation) to operational users and methods that are being implemented to facilitate rapid and efficient distribution of the data.

Oral presentation  
Oceanography