http://www-aviso.oceanobs.com
Email: aviso@cls.fr

Altimeter Products for Space Oceanography
Topex/Poseidon and Jason-1 Data Products

Near Real Time & Delayed Time Products

http://podaac.jpl.nasa.gov
Email: podaac@jpl.nasa.gov

Aviso and Po-Daac have been distributing Topex/Poseidon and ERS altimetric data worldwide since 1992. They are now preparing to integrate data from the Jason-1 and Envisat missions. An overview of available products for Jason-1 and Topex/Poseidon missions, describing their applications and features, is presented below.

PRODUCTS	DELAYED TIME		NEAR REAL TIME	
	PODAAC	AVISO	PODAAC	AVISO
Geostrophic Currents **Contents:** geostrophic velocities derived from the altimeter sea level gradient **Use:** **study of ocean variability (global oceanic circulation, study of the currents along thecoast)**				NRT-MSLA (1/3° x 1/3°) (combined)
Gridded Sea Level Anomalies **Contents:** gridded sea level height with respect to a seven year mean (1993-1999) **Use:** **study of ocean variability (mesoscale circulation, seasonal variation, El Niño…)**	SSHA (1°x1°) and (0,5°x0,5°)	MSLA (1/3° x 1/3°)		NRT-MSLA (1/3° x 1/3°)
Along – Track Sea Level Anomalies **Contents:** along-track sea level height with respect to a seven year mean (1993-1999), corrected from all geophysical effects **Use:** **study of ocean variability (mesoscale circulation, seasonal variations, El Niño…)**	ATG-SSHA	SLA With GDR	TPSSHA (T/P) J1SSHA(Jason1)	NRT-SLA
Corrected Sea Surface Heights **Contents:** along-track sea surface heights corrected from all geophysical effects, plus the mean sea surface **Use:** **stationary or long-term geophysical and ocean phenomenon studies**		CorSSH		
Geophysical Data Records **Contents:** along-track altimetric measurement averaged over 1 second, corrections to apply **Use:** **delayed precise products for geophysical studies and near real time products for operational oceanography**	M-GDR (T/P) J-GDR (Jason1)	M-GDR (T/P) J-GDR (Jason1)	I-GDR	I-GDR
Wind / Wave Data **Contents**: along-track significant wave height and/or wind speed modulus **Use:** **marine meteorology, ocean-atmosphere gas transfer studies**	with GDR with SSHA	With GDR Wind/Wave	OSDR (Jason1) Wind/Wave	OSDR (Jason-1)
Sensor Geophysical Data Records **Contents:** 20 Hz along-track waveform information **Use:** **expert use**	S-GDR	S-GDR		