

Ukraine

January 2012

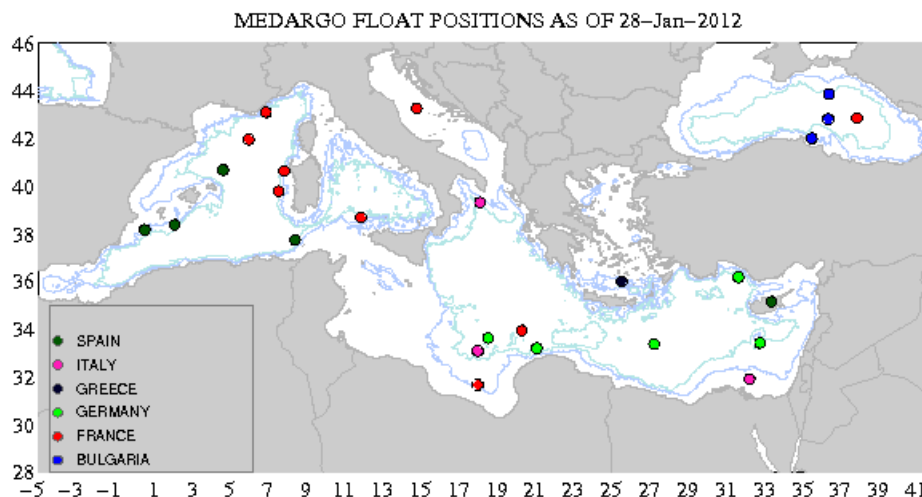
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Summary of Operational and Planned Oceanographic Observation Programs

ARGO

Black Sea profiling float project initiated in 2002 with support of University of Washington, Institute of Marine Science (Turkey) and Marine Hydrographical Institute (Ukraine). As of 12/30/09 all profiling floats were presumed dead. See info regarding these floats at <http://flux.ocean.washington.edu/metu> See present Black Sea activity at <http://nettuno.ogs.trieste.it/sire/medargo/trajectories.php>



Offshore Platforms

Regular discrete and continuous observations are conducted on the stationary oceanographic platform (Katsively, MHI) and gas platforms (Golitsino, Black Sea oil and gas Co., since the end of 2002). Platform in Katsively provides automatic or semi-automatic measurements of the following parameters:

- Air pressure, temperature and humidity
- Wind Speed and direction
- Water Temperature
- Waves
- Sea level
- Current speed and direction

Duration of different data sets is from 5 to 17 years

Sea Level

27 stations in National net (Hydrometeorological). MedGLOSS type station at Katsively since mid 2003 within the ESEAS-RI project. SST and air pressure also measured at Katsively. See <http://www.ioc-sealevelmonitoring.org/index.php> for Kaciveli station

T/S Hydrography

Routine near coastal surveys (out to 10 miles). Locations are:

Southwest coast of Crimea, Sevastopol

Danube mouth, Izmail

Dnieper-Boug estuary, Nikolaev

Kertch Strait, Opasnoye

Northern coast of the Sea of Azov, Mariupol

Western coast of Sea of Azov, Genichesk

Northwestern Black Sea

Bio/Chem Within the coastal surveys above, a mix of: pH, Oxygen, nitrate, nitrite, phosphate, silicon, oil fractions, phenol, pesticide, detergents, mercury, alkalinity, ammonium, nitrogen, calcium, magnesium, sulphate, hydro-carbonate particulate matter, hydrogen sulphate and silicium. Continuous Plankton Recorder (CPR), restricted to near coastal stations and one ten mile section

Coastal

Hydrometeorological stations (36) measuring T(s), T(a), wind speed, and ice. 21 stations 8 obs/day, 14 stations 2-4 obs/day. 27 stations measure sea level, 21 measure waves, 23 measure surface salinity. 8 stations measure pollutants: oil products, phenol and surface active films.