

# **South Africa**

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## **Summary of Operational and Planned Oceanographic Observation Programs**

### **Sea Level**

Cape Town, Durban, East London, Knysna, Luderitz, Marion, Mossel Bay, Port Elizabeth, Port Nolloth, Richards Bay, Saldanha Bay and Simon's Bay are FAST Delivery. November 2011 data for Marion and Port Elizabeth posted by the Hawaii FAST Center. <http://ilikai.soest.hawaii.edu/uhsic/woce.html>

See also <http://www.ioc-sealevelmonitoring.org/index.php> for near real-time info

GLOSS 2010 MSL data posted by PSMSL as of 2011 (Durban, Port Elizabeth and Simonstown). <http://www.psmsl.org/data/obtaining/> Ocean Data and Information Network for Africa (ODINAFRICA) <http://www.odinafrica.net/>

Radar tide gauge data are being sent twice weekly to PSMSL and the Un of Hawaii for Durban, Port Elizabeth and Simonstown. Richards Bay, Simonstown, Marion Island and Hermanus are GPS positioned <http://www.sonel.org/spip.php?page=cgps>

South African Navy Hydrographic Office (SANHO)

[http://www.sanho.co.za/tides/tide\\_index.htm](http://www.sanho.co.za/tides/tide_index.htm)

### **ARGO**

1 active 25 January 2012. To see latest status of ARGO floats go to: <http://wo.jcommops.org/cgi-bin/WebObjects/Argo.woa/wa/default> and select Monitoring and Countries.

### **XCTD/XBT/TSG**

Frequent XBT lines, Cape Town to Prince Edward Islands program.

AX25 completed 17 times overall 2004-12/2011.

[http://www.aoml.noaa.gov/phod/hdenxbt/ax\\_home.php?ax=25](http://www.aoml.noaa.gov/phod/hdenxbt/ax_home.php?ax=25)

GOODHOPE project: Line from Cape Town to Antarctic base Neumayer: SST, SSS, XBTs, meteorology, CTDs and moorings.

<http://www.ifremer.fr/lpo/speich/GOODHOPE/goodhope.htm>

### **Surface Drifters**

3 active 15 January 2012. <http://osmc.noaa.gov/Monitor/OSMC/OSMC.html>

### **Carbon**

South Agulhas Lines – 2007 onward. Cape Town to Neumayer Marion Is and Gough Island and return. Dec, Feb, March, Apr, Sept and Oct repeated annually.