

Ecuador

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Summary of operational and planned GOOS participation

Observations

Comments

Moorings	Moorings at 2S 84W and 1.6S 89W complement the TAO array. Go to http://www.inocar.mil.ec/links.php?C=2&S=2&SbS=1&idC=1 and click on figures at the bottom.
Sea Level	GLOSS MSL stations Baltra and La Libertad, latest data at Bidston, 2004 (as of October 2009). Both stations are also FAST along with Santa Cruz and report well. December 2009 data posted at Hawaii as of 1 March 2010. Baltra and La Libertad are also part of the real-time network. Operates 17 sites (continental/Galapagos) overall. http://www.inocar.mil.ec/mareas/mareas.php?action=1 3 GPS positioned stations, 2 of which are GLOSS MSL and FAST. http://www.sonel.org/stations/cgps/survey/survey.cgps.html
ARGO	3 active and on GTS February 2010
TS Hydrography	Stations 10 miles off La Libertad and Manta. CTD to 100m, Nutrients and chlorophyll at 0, 10, 20, 30, 40, 50, 75 and 100m. Phytoplankton and zooplankton at 0 and 50m. La Libertad every 20 days, Manta every 40. Regular (once a year) cruises around Galapagos (since 1998) and in the Ecuadorian Sea (twice a year) (2N-3.5S/89W-83W) (since 1971). Measurements generally the same as above but SST is hourly and CTD surface to 500m
Coastal Met	Measurements AT, SST, AP, wind S/D and precipitation at: San Lorenzo, Esmeraldas, Manta, La libertad, Puerto Bolivar, Guayaquil and Puna. Last two are conventional, others are automated. Isla Isabela (Galapagos) automated http://www.inocar.mil.ec/links.php?C=1&S=2&idC=1
VOS	1 ship operating 10 February 2010, potential 3
Tsunami Information	http://www.inocar.mil.ec/links.php?C=6&S=4&SbS=0&idC=1