

Chile

May 2010

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Summary of operational and planned GOOS participation

Observations

Comments

Moorings

Current Meter arrays in operation since 1998 off Iquique and, since 1991, off Coquimbo. Ocean Met buoy off Iquique associated with the CM array.

OceanSITES <http://www.oceansites.org/network/index.html>
Collaborative work with WHOI on Stratus Ocean Reference Station <http://uop.who.edu/projects/Stratus/stratusdata.htm>

Tsunami Mooring Program (DART)
Station 32401 - 260 NM West-Southwest of Arica
<http://www.ndbc.noaa.gov/dart.shtml>

Ocean-met and CM buoy arrays at 3, 20 and 100 miles off shore at 20, 30, 40 and 45S

4 offshore ocean-met buoys, another to be deployed 100nm off Valparaiso

See http://ioc.unesco.org/goos/MS/rpts/Chil_R99.htm for overall plan for activities that are to be performed by Marine Institutions and Universities in Chile.

XBT

Cooperates with USA on PX25 and PX50

ARGO

9 active May 2010. First deployments, May 2005.

Sea Level

6 GLOSS MSL stations and 8 FAST stations reporting well. March 2010 data posted at Hawaii as of May 2010. Easter and Valparaiso report in Real Time (within a day). Valparaiso, Easter and Punta Arenas are GPS positioned.
<http://www.sonel.org/phpgen/projects/survey.cgps.php3>

Surface Drifter

Intermittent deployments (for USA)

VOS

2 ships operating 5/6/2010

Coastal

32 Met/Ocean sites in the Chilean network. 18 provide SST. ANTARES Participant – study of the long-term changes in the

marine echo systems around Latin America.