

# Peru

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## Summary of Operational and Planned Oceanographic Observation Programs

### Moorings

San Paulo (B-3) and Virgen del Carmen (B-1) buoys reporting SST, Salinity, AP, AT, and Humidity <http://www.naylamp.dhn.mil.pe/english/index.htm>

### Sea Level

4 PSMSL sites: Talara, Chimote, San Juan and Matarani.

<http://www.psmsl.org/data/obtaining/> Callao and Lobos de Afuera operate in the FAST mode. FAST data posted at Hawaii Center as of October 2011.

<http://ilikai.soest.hawaii.edu/uhs/c/woce.html> National net consists of 11 sites. Callao is GPS positioned. <http://www.sonel.org/spip.php?page=cgps>

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

### Coastal

Naylamp, a network of 11 coastal met/ocean stations. Observations include: SST, dissolved oxygen, sea level, salinity, AT, AP and relative humidity. Go to Naylamp site given above for the present status of these stations..

Stations Automatic (1/27/2012)	TSM	O	NMM	S	TSA	PAS	HR	VVV DDD	DATO
<a href="#">La Cruz</a>	●	●	●	●	●	●	●	●	●
<a href="#">Talara</a>	●	●	●	●	●	●	●	●	●
<a href="#">Paíta</a>	●	●	●	●	●	●	●	●	●
<a href="#">Isla Lobos de Afuera</a>	●	●	●	●	●	●	●	●	●
<a href="#">Chicama</a>	●	●	●	●	●	●	●	●	●
<a href="#">Chimbote</a>	●	●	●	●	●	●	●	●	●
<a href="#">Callao (Milos)</a>	●	●	●	●	●	●	●	●	●
<a href="#">Pisco</a>	●	●	●	●	●	●	●	●	●
<a href="#">San Juan de Marcona</a>	●	●	●	●	●	●	●	●	●
<a href="#">Matarani</a>	●	●	●	●	●	●	●	●	●
<a href="#">Ilo</a>	●	●	●	●	●	●	●	●	●

● operative ● nonoperative / ● without sensor ● data

**XBTs**

Some deployments along selected lines annually

**TS Hydrography**

Two cruises each year expected to continue in the future. Includes water temperature surface to 500 meters and surface vector winds.

**Waves**

See Numerics Model: Naylamp Peru <http://www.naylamp.dhn.mil.pe/english/index.htm>