

Report to FDSN, University of Sao Paulo, USP

This briefly reports the status of the broadband stations of the University of São Paulo (USP), Universidade Estadual Paulista (UNESP) and Federal University of Rio Grande do Norte (UFRN).

Current operating stations:

Code	Lat.	Long.	Sensor	institution	contact
VABB	-23.0022	-46.9658	STS-2 120s	USP	Marcelo Assumpcao marcelo@iag.usp.br
ESAR	-23.0207	-44.4404	STS-2 120s	USP	Jesus Berrocal berrocal@iag.usp.br
RCLB	-22.4191	-47.5310	Guralp 30s	UNESP	J.C. Dourado jdourado@rc.unesp.br
AGRB	-08.4558	-35.9475	Geotech 100s	UFRN	Joaquim Ferreira joaquim@dfte.ufrn.br
SLBR	-06.75	-35.63	Geotech 100s	UFRN	Joaquim Ferreira joaquim@dfte.ufrn.br

Planned stations:

- UFRN+USP+UnB will deploy four more BB stations in the next few months (100s Geotech sensor + datalogger) as shown in the figure below.
- Petrobras (Brazilian Oil Company) is setting up an equipment pool with 40 BB stations (STS2 sensors + Quatterra dataloggers). Initial operation is planned for 2008 in Northeast Brazil.

The map below shows the position of the current stations (red triangles), UFRN planned stations (July-September 2007), and all previous ~70 USP temporary stations (white triangles) deployed since 1992. These deactivated stations were mostly STS-2 sensors, some with Guralp-100s sensors. Station operation times ranged from 6 months to 3 years. We are trying to assemble seed data for the IRIS database but are facing shortage of manpower...Sorry.

Marcelo Assumpcao

June 25, 2007

