

# APPENDIX D:

## PUERTO RICO SEISMIC NETWORK INFORMATION

At the time of the OBS experiment the University of Puerto Rico, Mayagüez, maintained a network of 15 short-period and broadband one- and three-component land seismographs on the main island of Puerto Rico and several surrounding islands (Figures 1 and 5, and Table D1). The data from the network is either saved to disk and

retrieved manually or telemetered back to UPRM through a repeater in central Puerto Rico. For the broadband stations the format is RT raw (steim-1) format, and for the short-period network the format is 16-bit multiplexed binary data. This network is used to routinely locate all local Puerto Rico events.

**Table D1.** Permanent land stations active during USGS deployment.

Name	Station Type	Components	Latitude	Longitude	Elevation (m)
AGP	short period	vertical	18.4075° N	67.141° W	220
LSP	short period	vertical	18.177° N	67.086° W	390
IDE	short period	3-component	18.386° N	67.496° W	140
LRS	short period	vertical	18.193° N	66.845° W	460
CBYP	short period	vertical	18.271° N	65.856° W	140
APR	short period	vertical	18.457° N	66.729° W	550
PNP	short period	vertical	18.059° N	66.766° W	53
PORP	short period	vertical	18.054° N	66.637° W	165
CELP	short period	vertical	18.075° N	66.576° W	195
CSB	short period	vertical	18.289° N	66.156° W	430
CPD	short period	vertical	18.039° N	65.915° W	370
SJG	short period	vertical	18.112° N	66.150° W	457
CORN	broadband	3-component	18.163° N	67.179° W	100
MGP	broadband	3-component	18.007° N	67.089° W	60
IMO	broadband	3-component	18.111° N	67.908° W	50