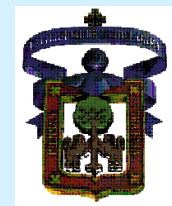
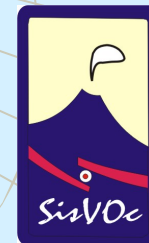


Seismic and Accelerometric Network of Jalisco (RESAJ)

Francisco J. Nuñez Cornú, Christian R Escudero Ayala, Carlos Suárez Plascencia, Adán Gómez, Oscar Sánchez

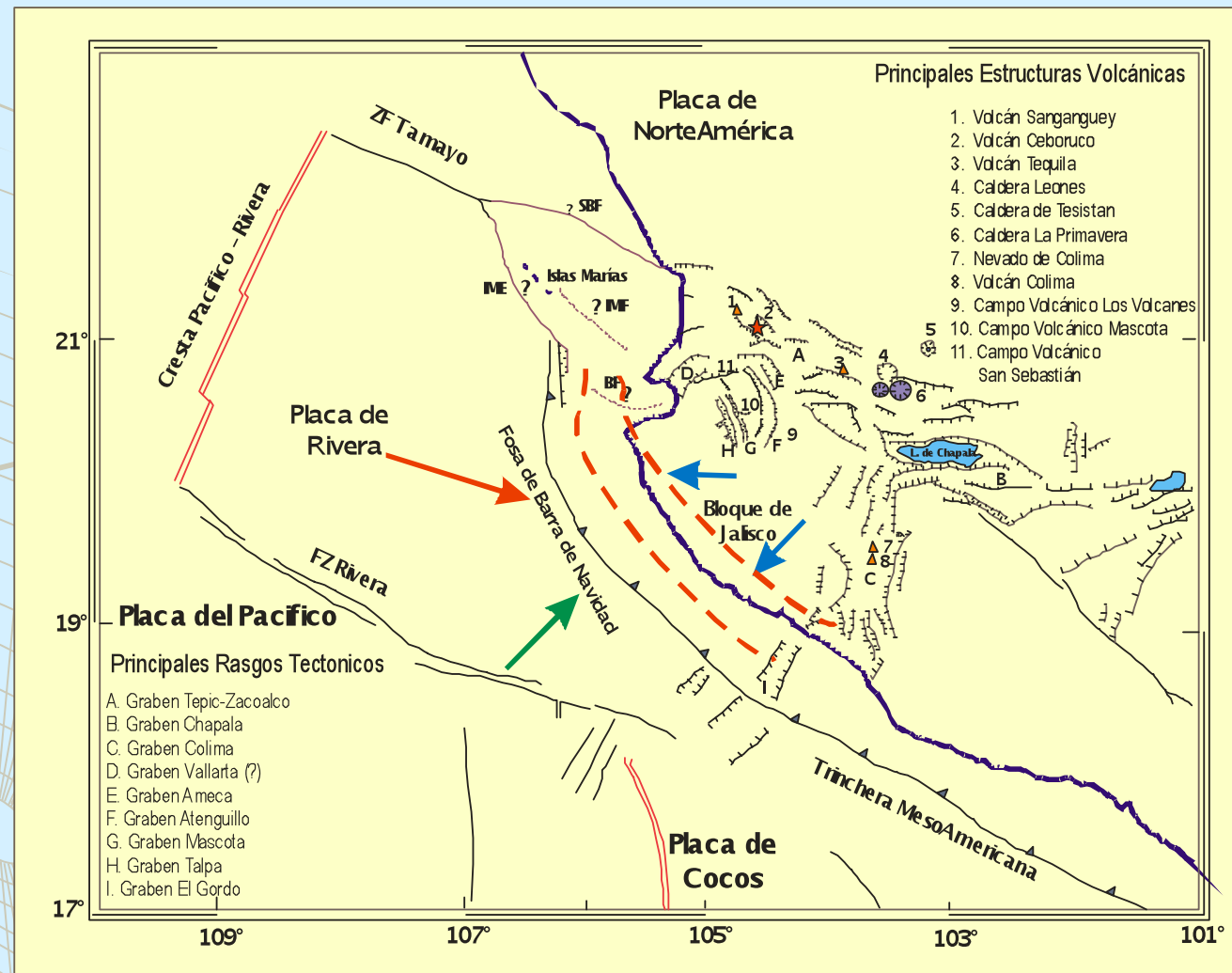
2012



ANTECEDENTES

Tectonic Setting

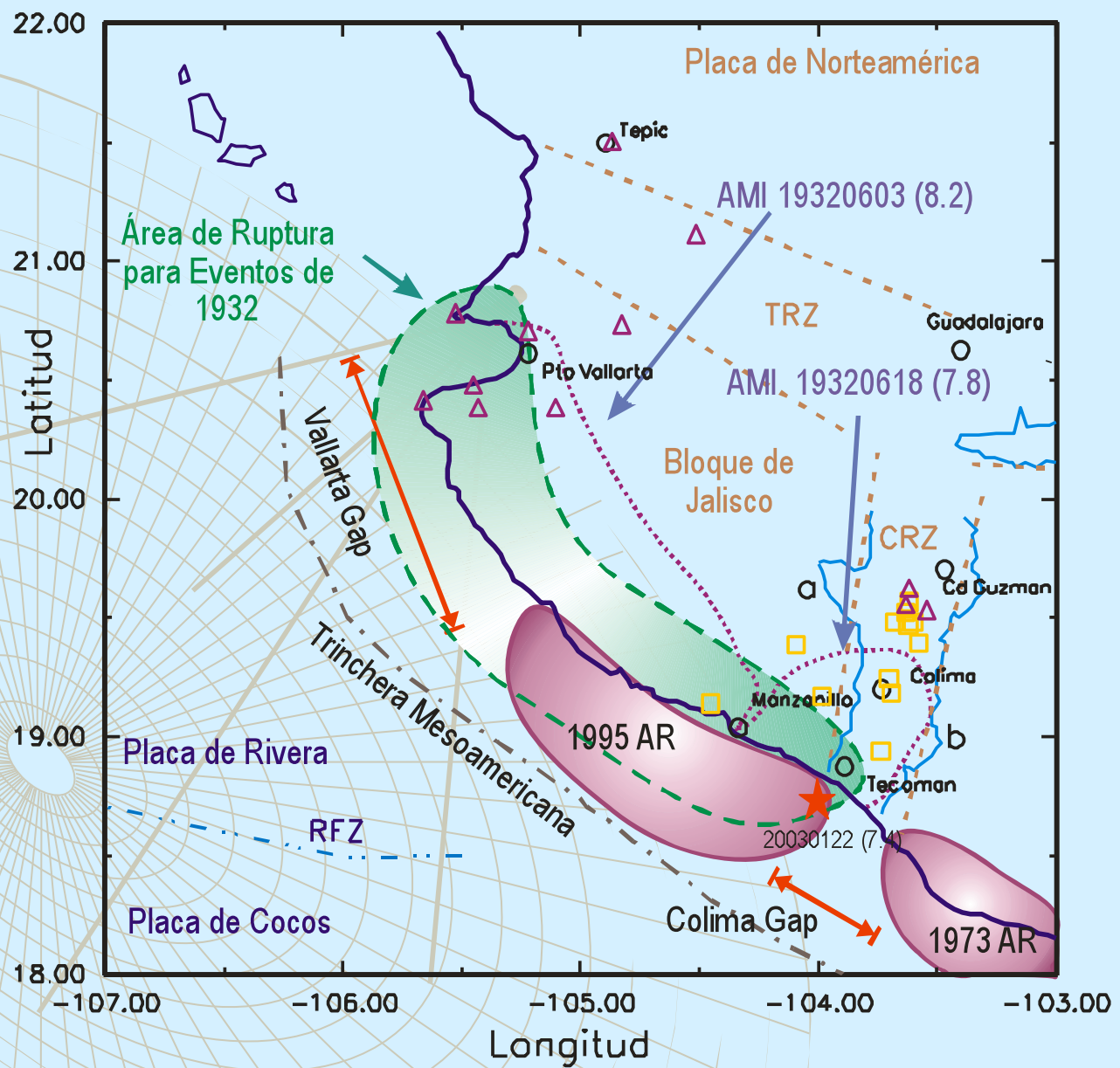
The Riviera plate subducts under the Jalisco block. That is delimited by the mesoamerican trench at the west, the Colima grabben to the south, and the Tepic-Zacoalco to the north.



Principal tectonic features of the Jalisco block

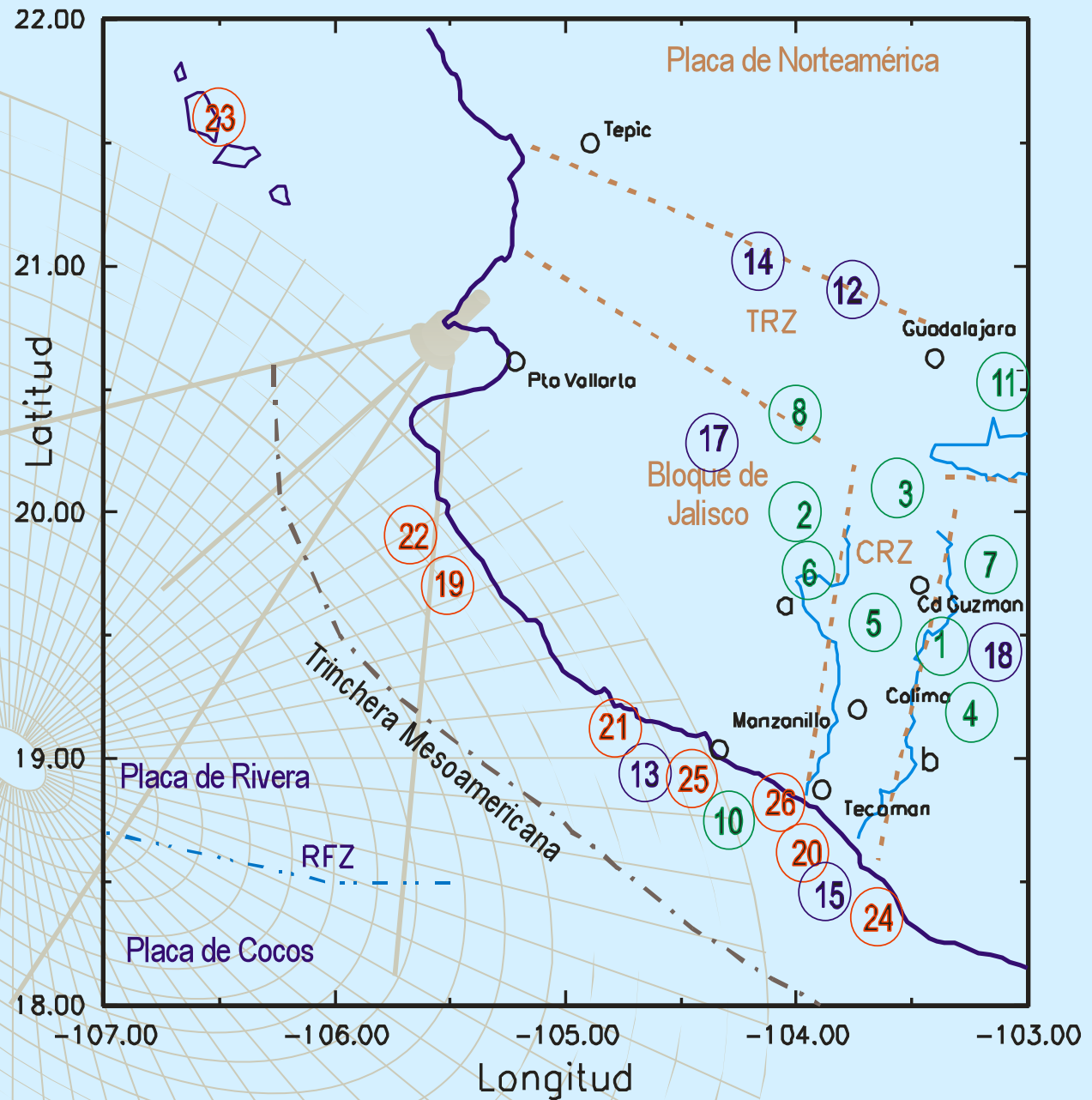
Seismotectonics of Jalisco.

Most important earthquakes of the last 80 years, Seismic gaps of Vallarta and Colima



Historic Seismicity of Jalisco.

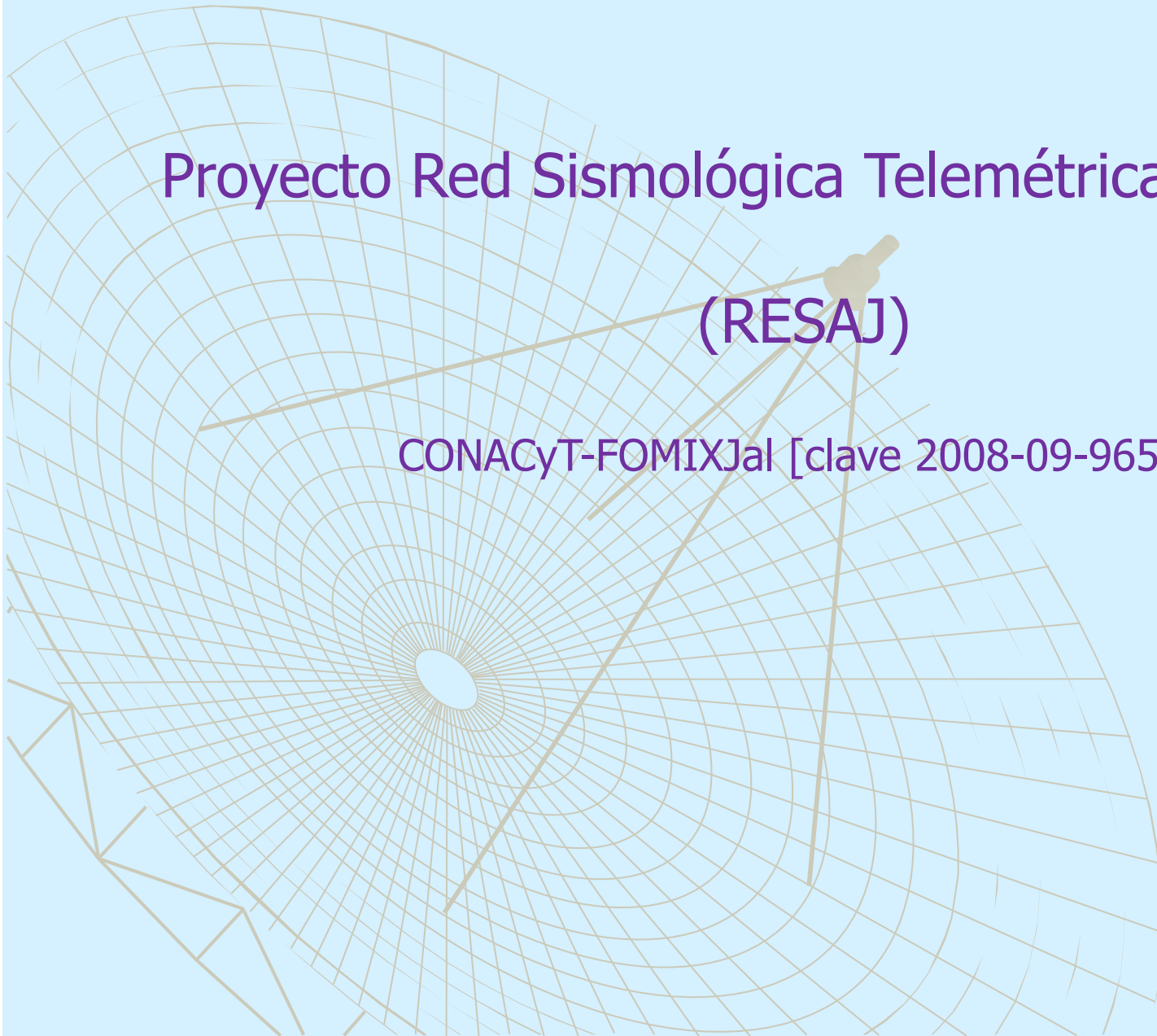
In addition to subduction related seismicity there are very destructive intraplate earthquakes.



Proyecto Red Sismológica Telemétrica de Jalisco

(RESAJ)

CONACyT-FOMIXJal [clave 2008-09-96538]





Stage 1:

Deploy 10 telemetric stations and Puerto Vallarta Computer Lab.

Stage 2:

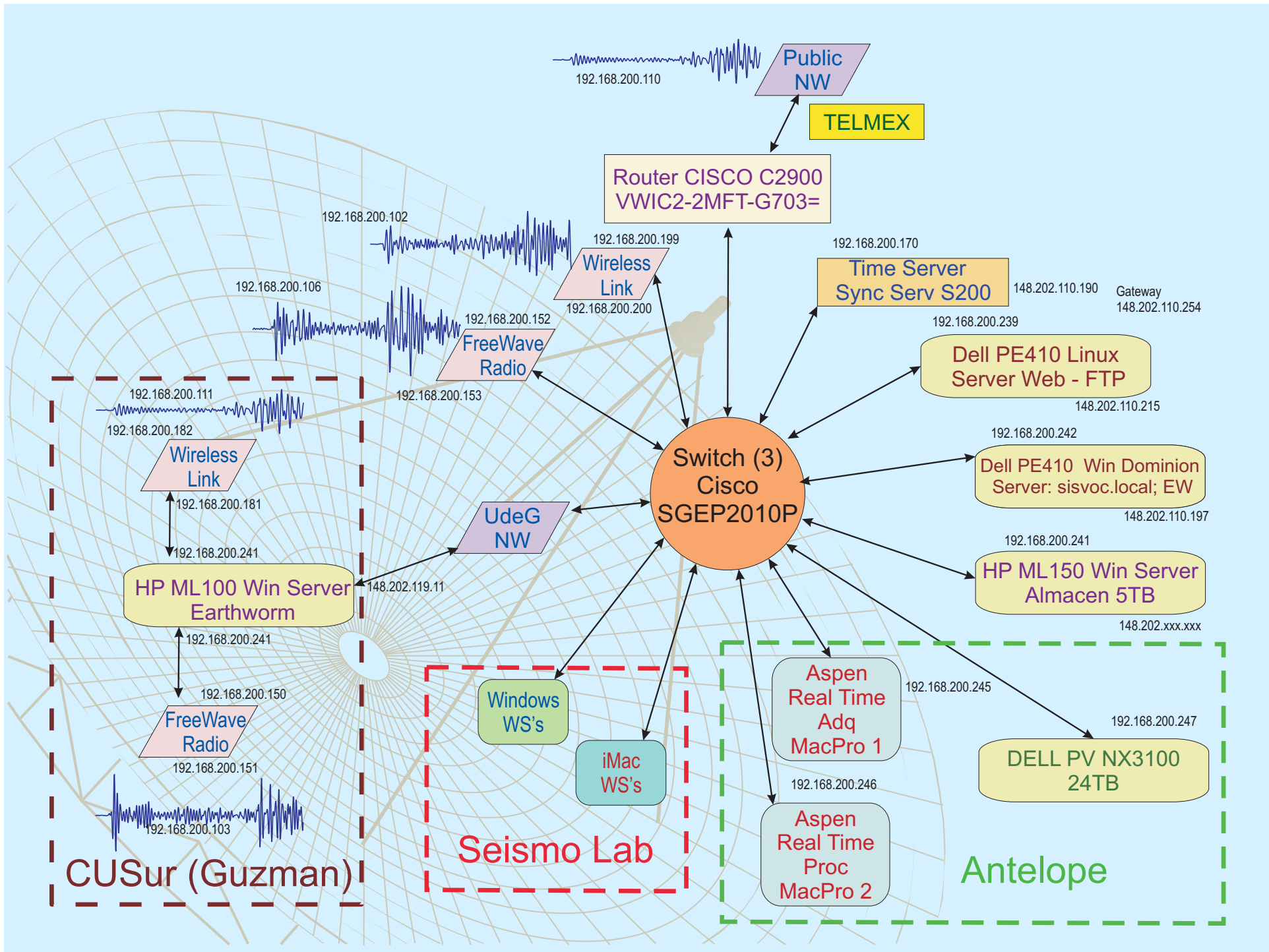
Deploy 20 telemetric stations and network calibration.

Each station:

Q330

Episensor

Lennartz 3D 1Hz





San Miguel Tuxpan

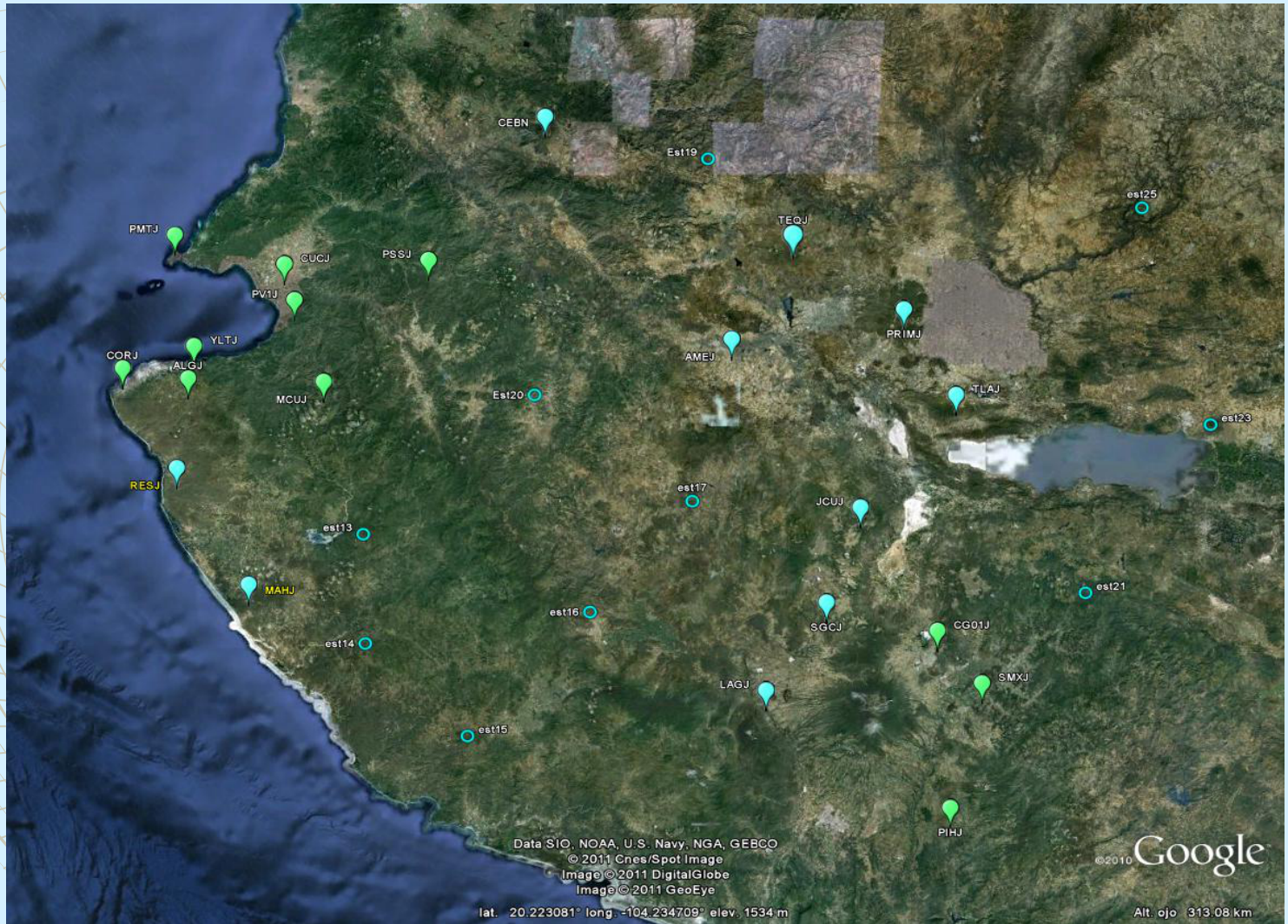


San Sebastian del Oeste

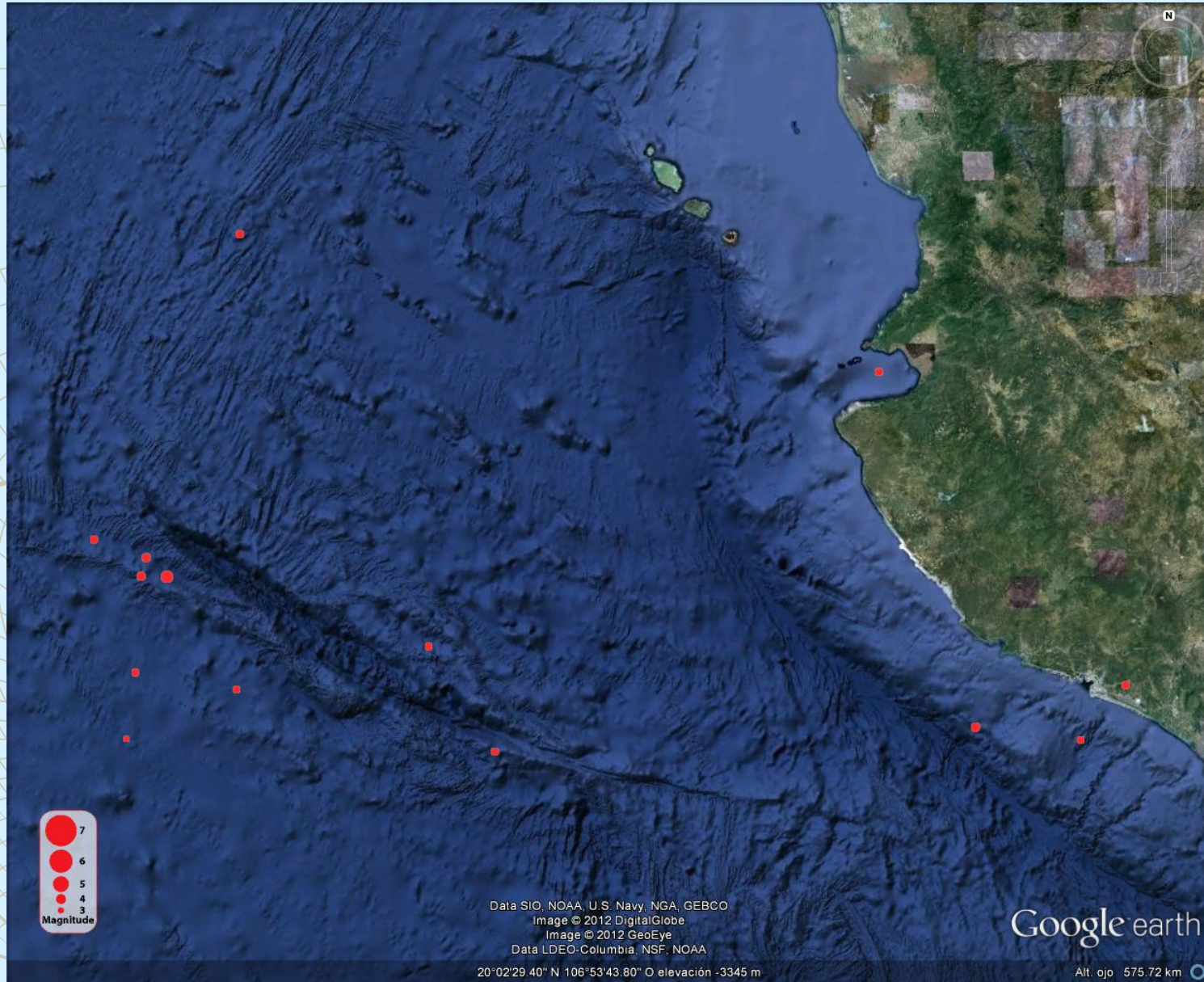


Yelapatapa

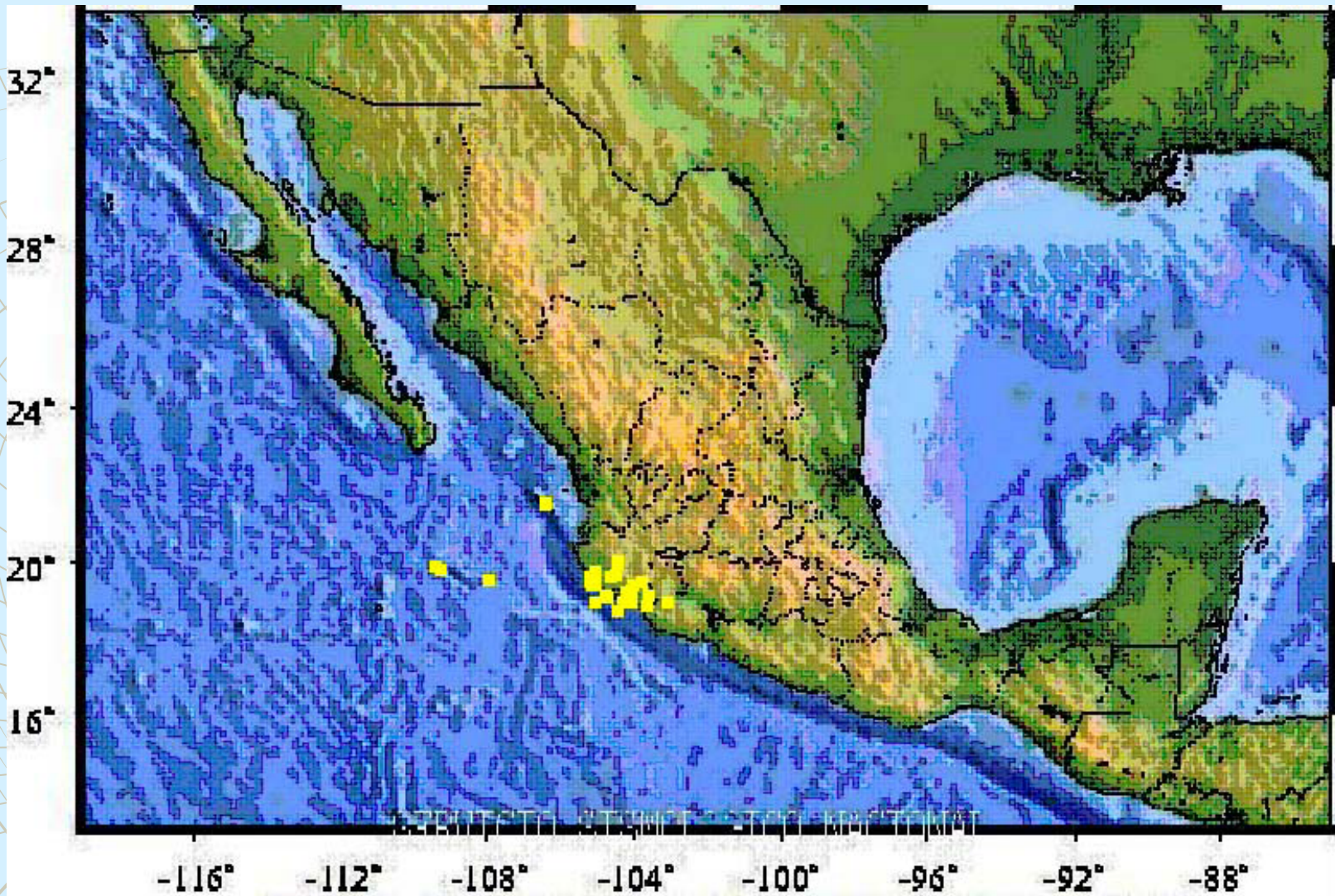




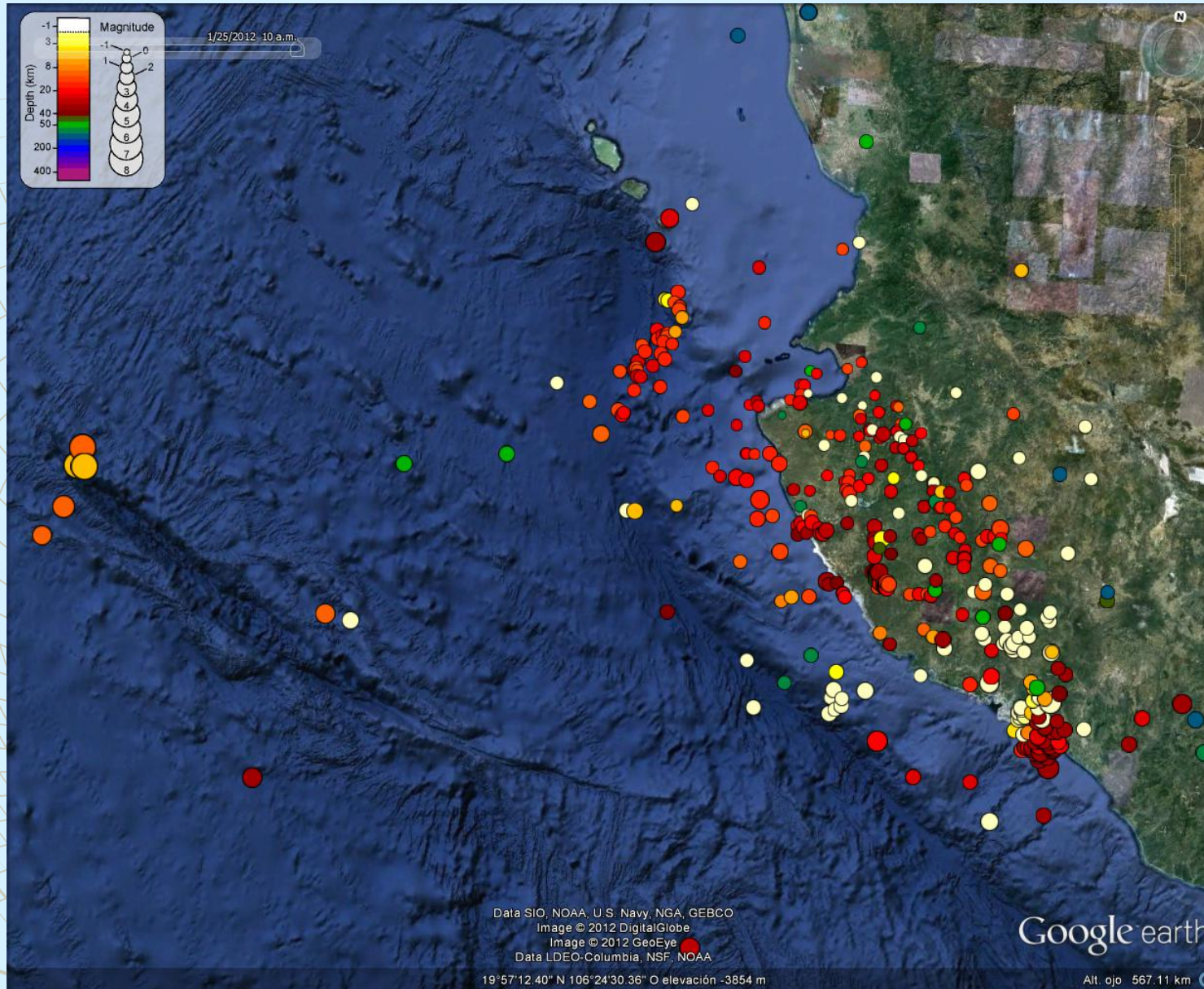
Current Stations



ISC International Seismological Center: : 25/10/2011 25/01/2012



SSN: 55 events 25/10/2011 25/01/2012



Localized seismicity from October 25 to January 25, 2012