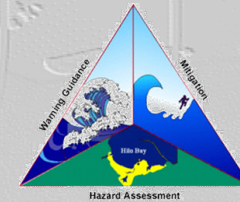


THE PUERTO RICO NETWORK (PR)

GLOSS - XVIII



Victor A. Huerfano & Staff and Students

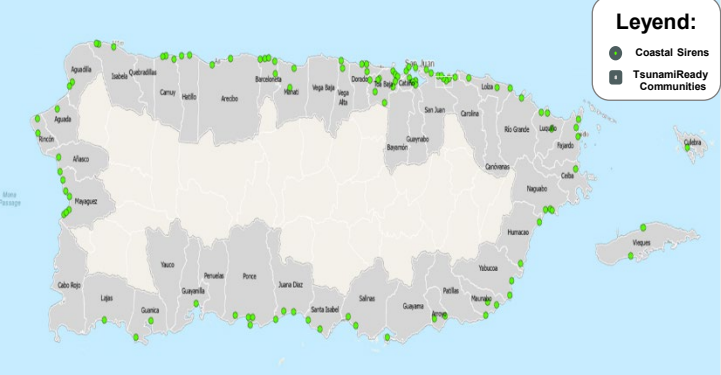
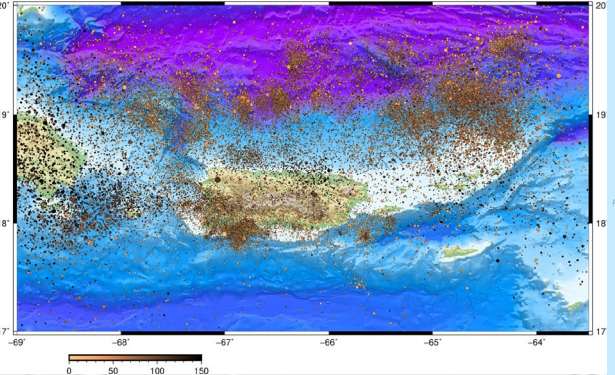
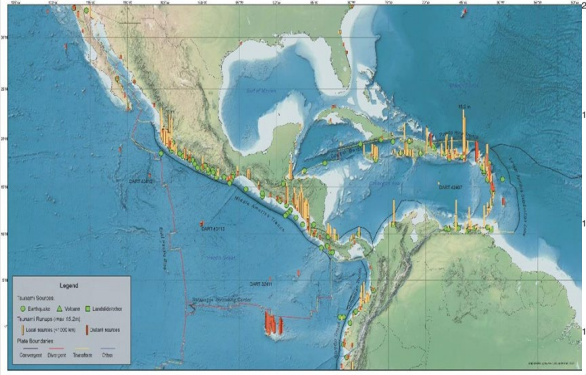
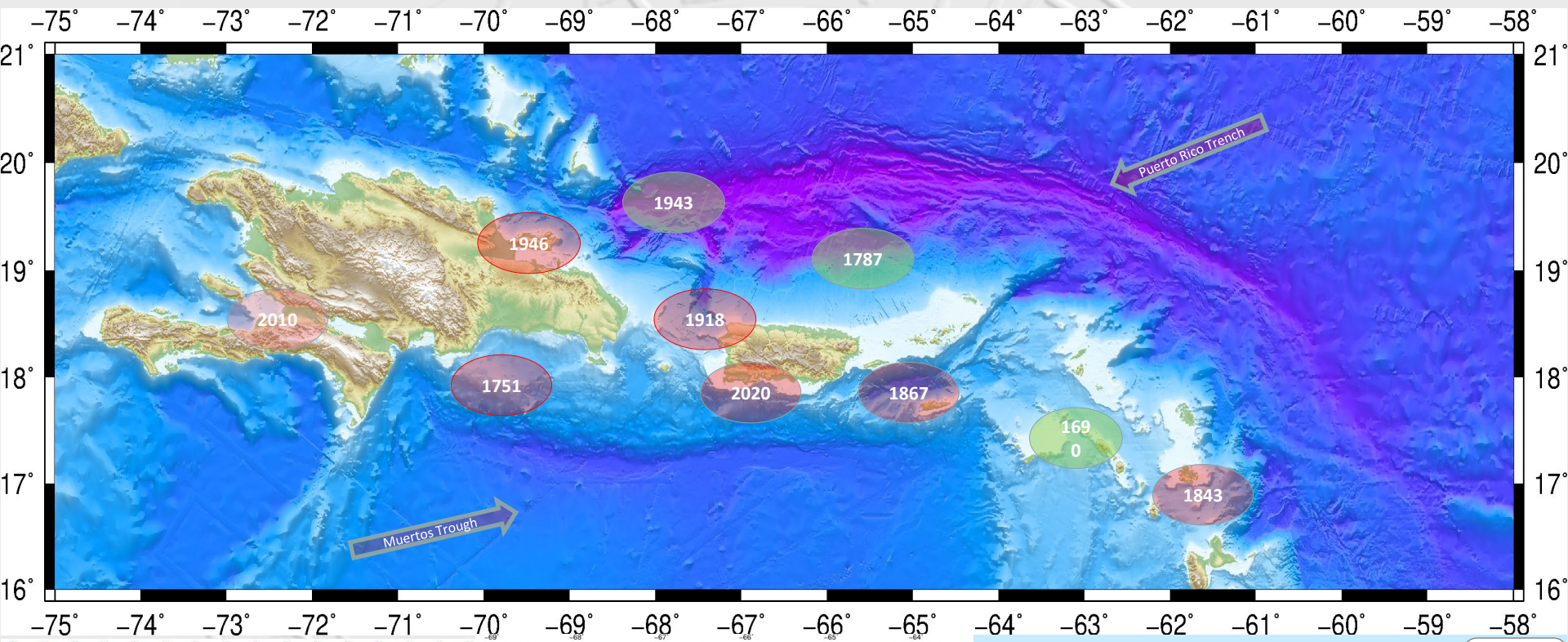
UNIVERSITY OF PUERTO RICO
MAYAGUEZ CAMPUS
GEOLOGY DEPARTMENT

Panama
2025

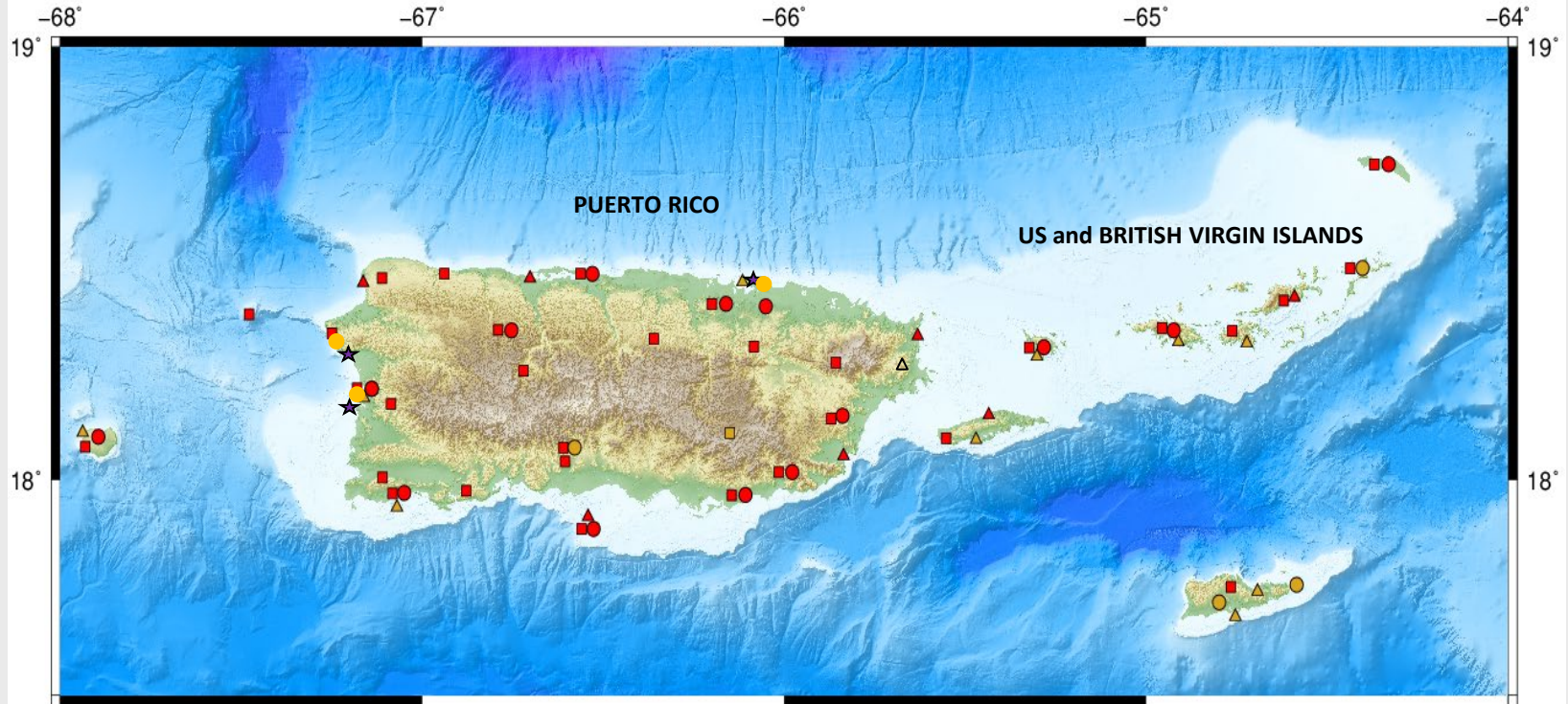
PR MISSION

The mission of the Puerto Rico Network (PR) is to monitor and rapidly determine the location and size of all earthquakes and support the Tsunami Service Provider (TSP/PTWC) to determine the Tsunami alert level in the PRSN Area of Responsibility (AOR) and to immediately disseminate this information to concerned agencies, scientists, and the general public. The PRSN compiles and maintains an extensive seismic database of earthquake parameters, continuous waveforms (earthquakes, GPS and **sea level**) and their effects which serve as a solid foundation for basic and applied earth science/oceanography research in Puerto Rico and the Caribbean. The PRSN also promote the education and preparedness of our population to mitigate the effects of a significant earthquake or tsunami.

BACKGROUND



PR Instrumentation

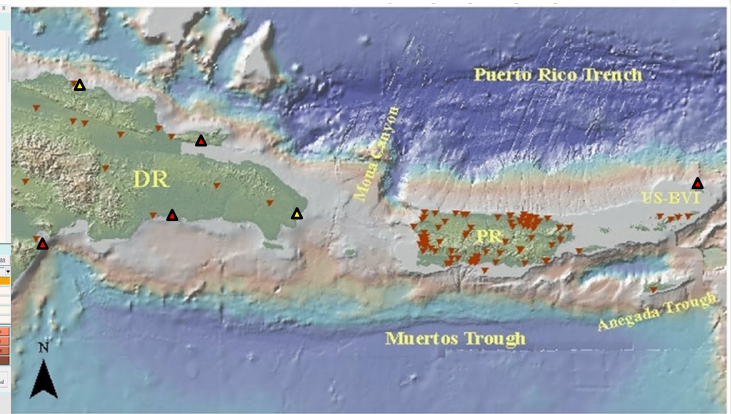


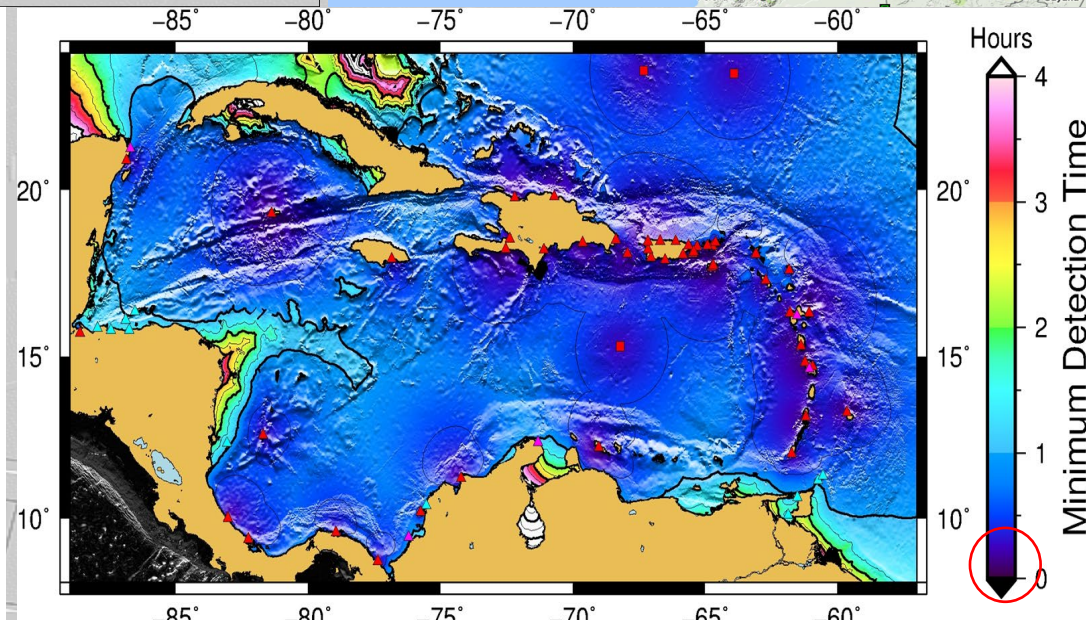
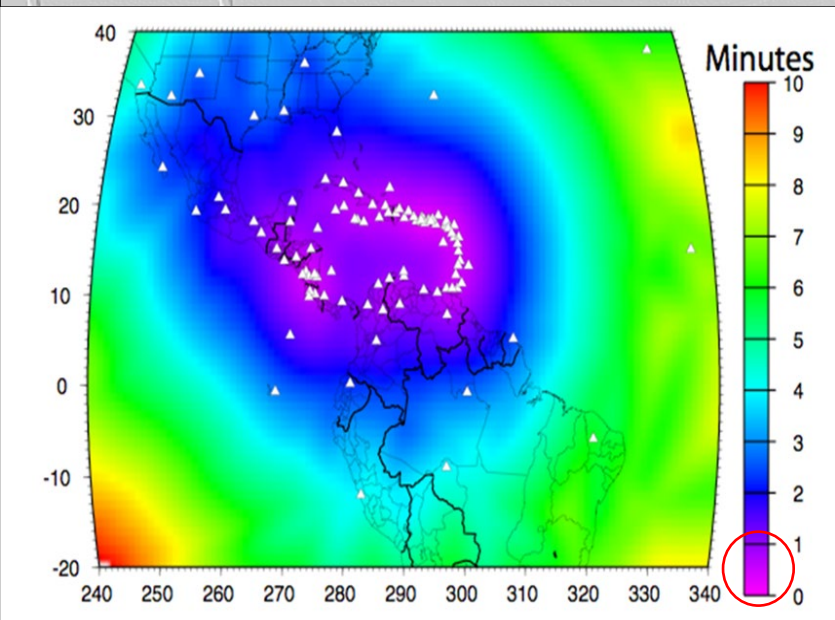
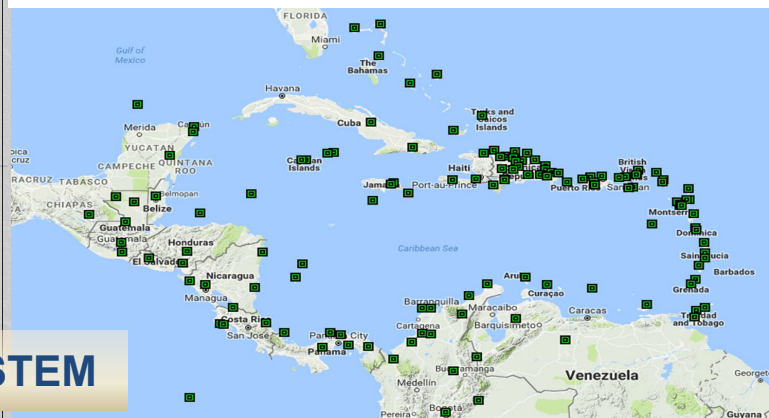
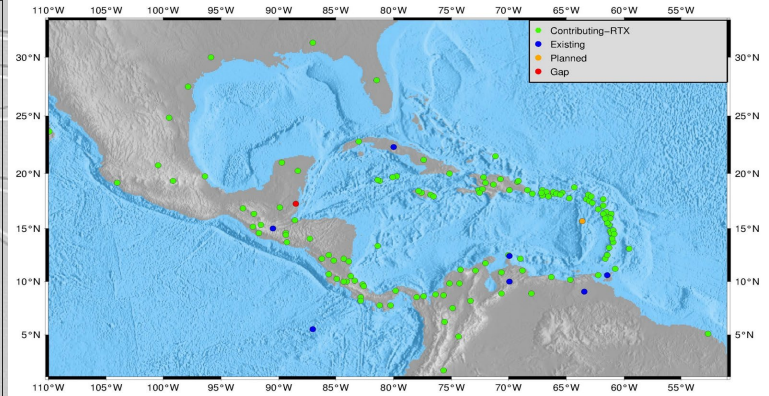
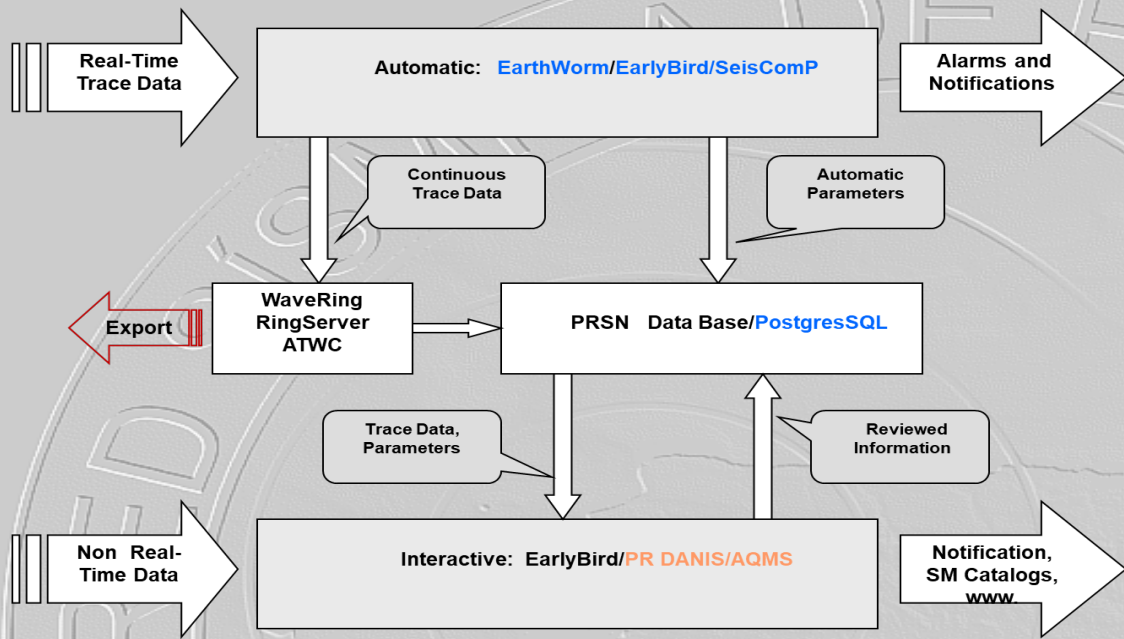
- PR Network
- Seismic Stations: Backbone
- High-Rate GPS: RTX
- ▲ Tsunami Ready Tide Gauges: 1m

- US Partnership
- Seismic Stations
- High-Rate GPS
- ▲ Tsunami Ready Tide Gauges

Software interface for the 'RED SISMICA DE PUERTO RICO' (PR Seismic Network). The interface includes a logo, a table of station data, and various control panels for data management and processing.

STATION	LONGITUDE	LATITUDE	DEPTH	STATUS
STATION 01	18.5	-67.5	100	Active
STATION 02	18.6	-67.4	100	Active
STATION 03	18.7	-67.3	100	Active
STATION 04	18.8	-67.2	100	Active
STATION 05	18.9	-67.1	100	Active
STATION 06	19.0	-67.0	100	Active
STATION 07	18.5	-67.0	100	Active
STATION 08	18.6	-66.9	100	Active
STATION 09	18.7	-66.8	100	Active
STATION 10	18.8	-66.7	100	Active
STATION 11	18.9	-66.6	100	Active
STATION 12	19.0	-66.5	100	Active
STATION 13	18.5	-66.5	100	Active
STATION 14	18.6	-66.4	100	Active
STATION 15	18.7	-66.3	100	Active
STATION 16	18.8	-66.2	100	Active
STATION 17	18.9	-66.1	100	Active
STATION 18	19.0	-66.0	100	Active
STATION 19	18.5	-66.0	100	Active
STATION 20	18.6	-65.9	100	Active
STATION 21	18.7	-65.8	100	Active
STATION 22	18.8	-65.7	100	Active
STATION 23	18.9	-65.6	100	Active
STATION 24	19.0	-65.5	100	Active
STATION 25	18.5	-65.5	100	Active
STATION 26	18.6	-65.4	100	Active
STATION 27	18.7	-65.3	100	Active
STATION 28	18.8	-65.2	100	Active
STATION 29	18.9	-65.1	100	Active
STATION 30	19.0	-65.0	100	Active



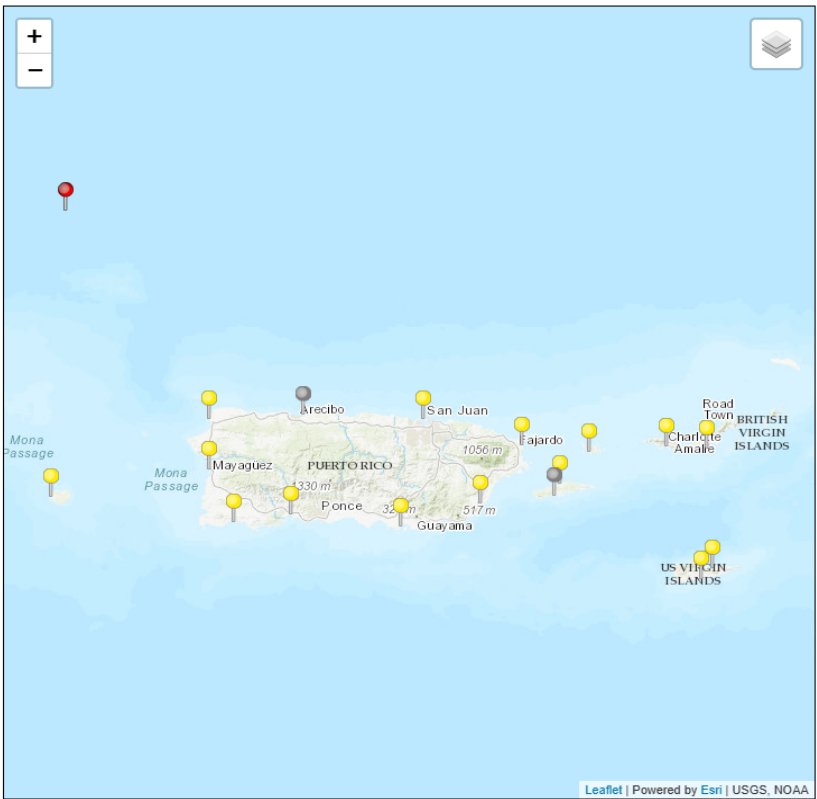




Tsunami Capable Tide Stations

West Coast Alaska Pacific Caribbean East Coast Gulf Coast

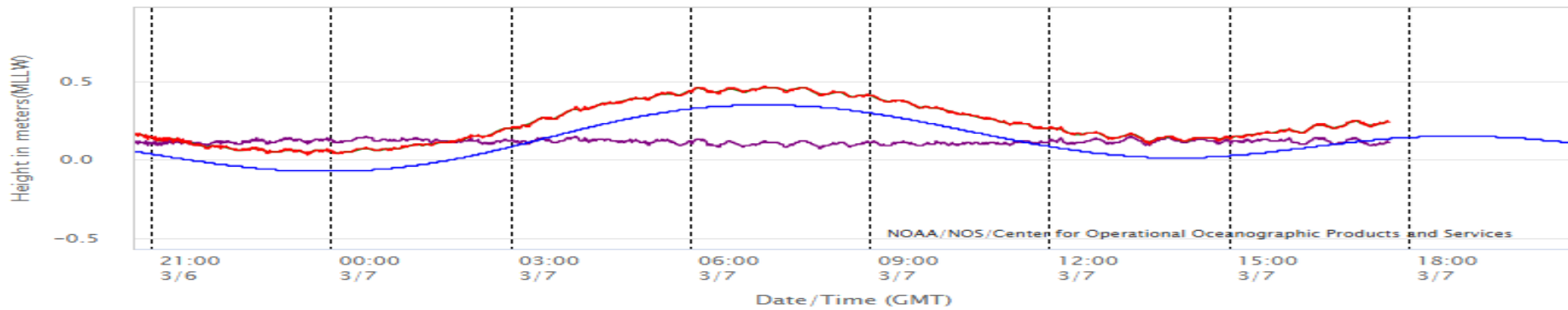
Enter station name and press tab/enter



Name	ID	Plot
Christiansted Harbor, St Croix	9751364	Plot
Lameshur Bay, St John	9751381	Plot
Limetree Bay	9751401	Plot
Charlotte Amalie	9751639	Plot
Culebra	9752235	Plot
Isabel Segunda, Vieques Island	9752621	Plot
Esperanza, Vieques Island	9752695	Plot
Fajardo	9753216	Plot
Yabucoa Harbor	9754229	Plot
San Juan, La Puntilla, San Juan Bay	9755371	Plot
Salinas, Bahia de Jobos	9755968	Plot
Arecibo	9757811	Plot
Guayanilla, Bahia de Guayanilla	9758066	Plot
Magueyes Island	9759110	Plot
Mayaguez	9759394	Plot
Aguadilla, Crashboat Beach	9759413	Plot
Mona Island	9759938	Plot



NOAA/NOS/CO-OPS Tsunami Water Levels at 9759394, Mayaguez, PR
From 03/06/2025 20:42 to 03/07/2025 20:42 GMT



NOAA/NOS/Center for Operational Oceanographic Products and Services

— One Minute — Six Minute — Predictions — Residual

