Only 5 events beyond the map boundaries resulted in runups to the displayed Caribbean, Atlantic and Gulf wave generated by violent back-to-back earthquakes southwest of St. Thomas, U.S. Virgin Islands, in 1867. Over 300 runup records are displayed on the earthquake.

A total of 61 confirmed tsunami source events are displayed on the Pacific region of this map; 60 were generated by earthquakes, and 1 from an earthquake-generated landslide. There are over 750 runup records or deep-ocean sensors) displayed on the Pacific region. The runups include data from 37 tsunami sources generated by earthquakes, and 1 from a submarine landslide. The information comes from the NCEI/WDS Historical Tsunami Database that includes information on tsunami source events throughout the world that range from 1410 B.C. to June A.D. 2018.

Thirty-six tsunamis in the region caused damage ranging from a few shipping crafts to the destruction of entire towns. Eighteen resulted in over 6,400 deaths. The most deadly was the 1869 Jamaica tsunami that resulted in 2,000 deaths at Port Royal. The 1946 Dominican Republic earthquake-generated tsunami caused 1,700 deaths in Manzanita. In 1906 an earthquake off the coast of Ecuador generated a tsunami that caused 1,000 deaths in Colombia, and was observed along the entire coast of Central America, in Mexico, and in California.

A total of 61 confirmed tsunami source events are displayed on the Pacific region of this map; 60 were generated by earthquakes, and 1 from an earthquake-generated landslide. There are over 700 runup records (locations where tsunami waves were observed by eyewitnesses, field reconnaissance surveys, tide gauges, or deep-ocean sensors) displayed on the Pacific region. The runups include data from 37 tsunami sources beyond the map boundary, mostly originated from Alaska, Chile, Japan, Peru and Russia. The highest runups on the displayed Pacific region was the 11 m tsunami wave generated by the 1995 Jalisco-Colima earthquake.

A total of 51 confirmed tsunami source events are displayed in the Caribbean Sea and Atlantic Ocean; 37 were generated by earthquakes, 5 from earthquake-generated landslides, 8 from volcanoes, 2 from volcano-generated landslides, and 1 from a submarine landslide. Over 300 runup records are displayed on the Caribbean Sea, Atlantic Ocean and Gulf of Mexico. In this area, the highest runup was the 10.2 m tsunami wave generated by violent back-to-back earthquakes southeast of St. Thomas, U.S. Virgin Islands, in 1867. Only 3 events beyond the map boundaries resulted in runups to the displayed Caribbean, Atlantic and Gulf of Mexico coasts.