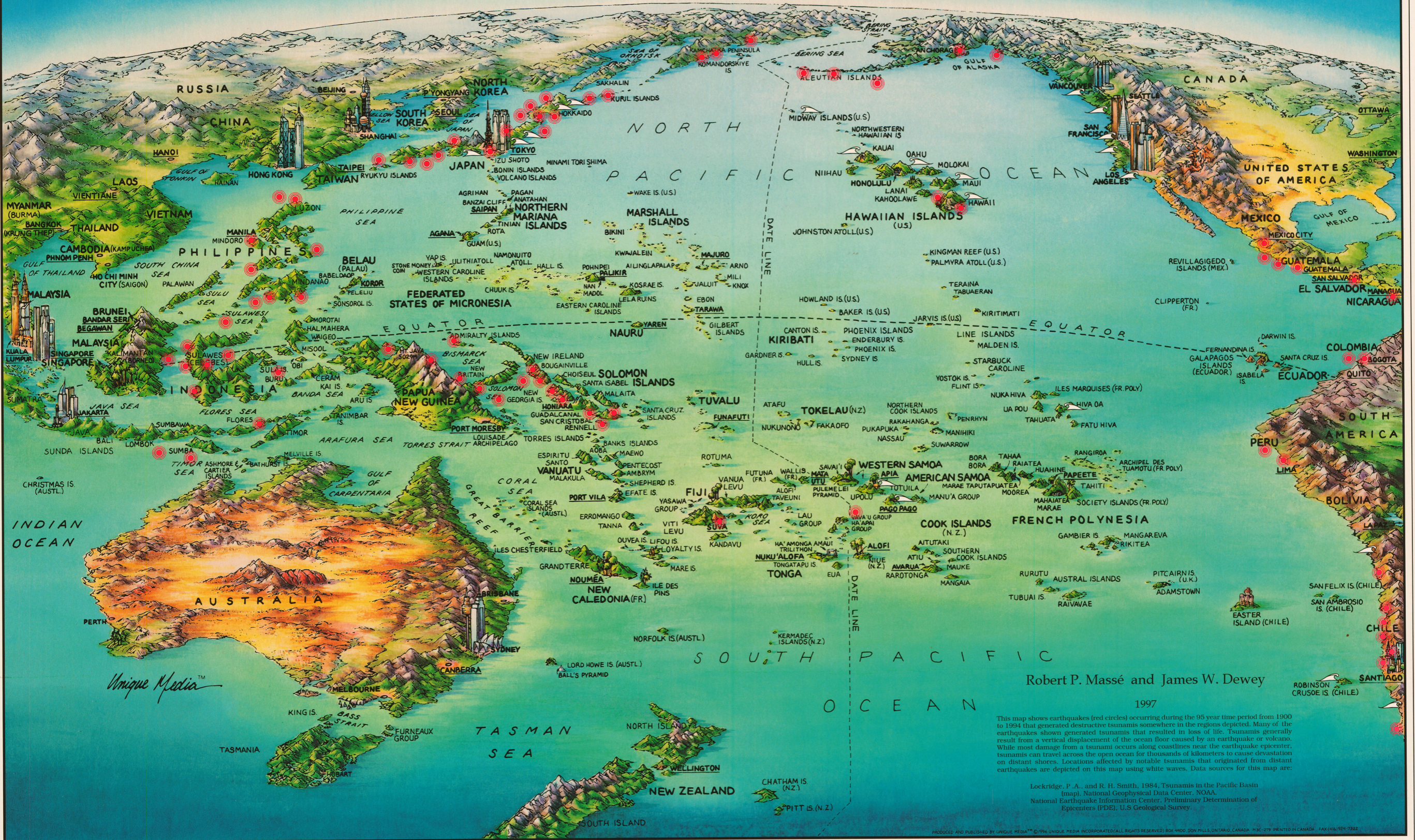


Tsunami-Generating Earthquakes

U.S. DEPARTMENT OF THE INTERIOR
 U.S. GEOLOGICAL SURVEY
 NATIONAL EARTHQUAKE INFORMATION CENTER
 WORLD DATA CENTER A FOR SEISMOLOGY



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This map shows earthquakes (red circles) occurring during the 95 year time period from 1900 to 1994 that generated destructive tsunamis somewhere in the regions depicted. Many of the earthquakes shown generated tsunamis that resulted in loss of life. Tsunamis generally result from a vertical displacement of the ocean floor caused by an earthquake or volcano. While most damage from a tsunami occurs along coastlines near the earthquake epicenter, tsunamis can travel across the open ocean for thousands of kilometers to cause devastation on distant shores. Locations affected by notable tsunamis that originated from distant earthquakes are depicted on this map using white waves. Data sources for this map are:

Lockridge, P. A., and R. H. Smith, 1984, Tsunamis in the Pacific Basin (map), National Geophysical Data Center, NOAA.
 National Earthquake Information Center, Preliminary Determination of Epicenters (PDE), U.S. Geological Survey.