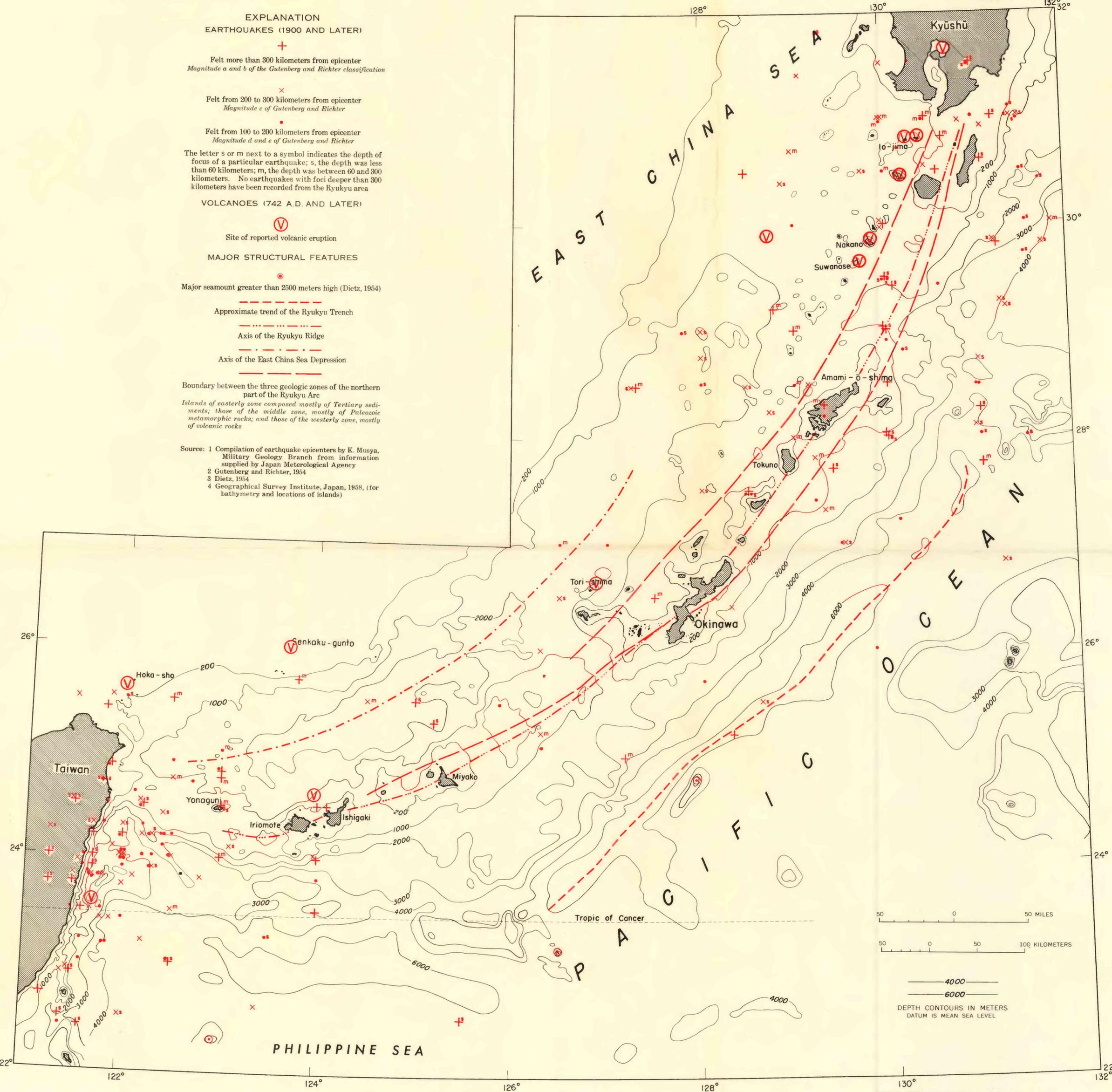


- EXPLANATION**
- EARTHQUAKES (1900 AND LATER)**
- +**
Felt more than 300 kilometers from epicenter
Magnitude a and b of the Gutenberg and Richter classification
 - x**
Felt from 200 to 300 kilometers from epicenter
Magnitude c of Gutenberg and Richter
 - Felt from 100 to 200 kilometers from epicenter
Magnitude d and e of Gutenberg and Richter
- The letter s or m next to a symbol indicates the depth of focus of a particular earthquake; s, the depth was less than 60 kilometers; m, the depth was between 60 and 300 kilometers. No earthquakes with foci deeper than 300 kilometers have been recorded from the Ryukyu area.
- VOLCANOES (742 A.D. AND LATER)**
- (V)**
Site of reported volcanic eruption
- MAJOR STRUCTURAL FEATURES**
- Major seamount greater than 2500 meters high (Dietz, 1954)
 - - - - -**
Approximate trend of the Ryukyu Trench
 - · - · - · -**
Axis of the Ryukyu Ridge
 - · - - - -**
Axis of the East China Sea Depression
- Boundary between the three geologic zones of the northern part of the Ryukyu Arc
Islands of easterly zone composed mostly of Tertiary sediments; those of the middle zone, mostly of Paleozoic metamorphic rocks; and those of the westerly zone, mostly of volcanic rocks
- Source: 1 Compilation of earthquake epicenters by K. Musya, Military Geology Branch from information supplied by Japan Meteorological Agency
2 Gutenberg and Richter, 1954
3 Dietz, 1954
4 Geographical Survey Institute, Japan, 1958, (for bathymetry and locations of islands)



EARTHQUAKE EPICENTERS, VOLCANOES, AND MAJOR STRUCTURAL FEATURES OF THE RYUKYU ARC