EXPLANATION
EARTHQUAKES (1900 AND LATER)

Felt more than 200 kilometers from epicenter
Magnitude 5 and 6 of the Gutenberg and Richter classification

Felt from 200 to 300 kilometers from epicenter
Magnitude 4 of Gutenberg and Richter

Felt from 100 to 200 kilometers from epicenter
Magnitude 3 of Gutenberg and Richter

The letter d or x next to a symbol indicates the depth of the focal depth of a particular earthquake. d, the depth was less than 50 kilometers; x, the depth was between 50 and 100 kilometers. No earthquakes with focal depths greater than 100 kilometers have been recorded from the Ryukyu area

VOLCANOES (742 A.D. AND LATER)

Site of reported volcanic eruption

MAJOR STRUCTURAL FEATURES

Major seamount greater than 200 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 eastern arc are composed mainly of Tertiary sediments; those of the middle arc, mostly of Pleistocene volcanogenic rocks; and those of the western arc, mostly of volcanic rocks

2. Military Geology Branch from information supplied by Japan Meteorological Agency
4. Dietz, 1954
5. Geographical Survey Institute, Japan, 1958, (for bathymetry and locations of islands)

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