UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 399-A
PLATE 2

TERRAIN, COASTS, AND DRAINAGE, ISHIGAKI-SHIMA, RYŪKYŪ-RETTŌ

EXPLANATION

Coast symbols projected outward from shoreline

1 Mountains and foothills

2 Dissected terraces and hilly terrain

3 Slightly dissected terraces and nearly level to rolling terrain

4 Valley bottoms and coastal flats

Caves

Boundary of drainage area

Water sampling site

8,10,47,52, and T-1
Collection points of water samples from wells and springs

CLIFFED COASTS

Limestone cliffs more than 1.5 meters high at the shore

Limestone cliffs behind sand or gravel beaches

Metamorphic or volcanic rock cliffs

LOW COASTS

Sand or gravel beaches

Boulder beaches or sand and gravel beaches having reef flats with many boulders

Sand or gravel beaches having bedrock outcrops

Sand or gravel beaches backed by limestone benches less than 1.5 meters high

GLOSSARY

field	-baru
mountain	-dake(-take, -daki)
channel or passage	-futsu
stream	-gawa (-kawa)
archipelago	-guntō
beach	-hama
island	-jima (-shima)
harbor	-kō
grove or wood	-mori (-muru)
island chain	-rettō
cape, point	-saki (-zaki)
bay	-wan
mountain	-yama

Prepared under the direction of the Engineer, Hq AFFE/8A, by the Military Geology Branch. Intelligence Division. Compiled in 1957 from Ryūkyū-rettō 1:50,000, Series L791. Sheets 2919 IV, 2920 I, 2920 II, and 2920 III, second edition, AMS(AFFE) 1952 incorporating numerous changes of place names and revisions of culture, streams, reef lines, and road classification. Original mapping by photogrammetric (multiplex) methods and by referring to Japan 1:50,000, Japanese Imperial Land Survey, Ishigaki-shima, 1923. Place names romanized in accordance with Modified Hepburn System. Map not field checked. Gray numbered lines indicate the 1000 meter Universal Transverse Mercator Grid. Zone 51, International Spheroid

Topographic conditions and coastal types by Helen L. Foster, 1957. Based on field investigations 1955–56

SCALE 1:50 000

1 ½ 0 1 2 3 4 5 MILES

1 5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 20 METERS WITH SUPPLEMENTARY CONTOURS AT 10 METER INTERVALS
DATUM IS MEAN SEA LEVEL
SOUNDINGS IN FATHOMS
MEAN MAGNETIC DECLINATION 1952 FOR CENTER OF ISHIGAKI-SHIMA APPROXIMATELY 2°15′ WESTERLY, NO MAGNETIC CHANGE

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