



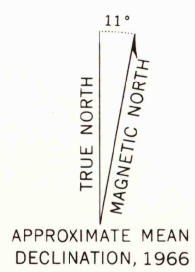
Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1954 and 1965. Field checked 1966

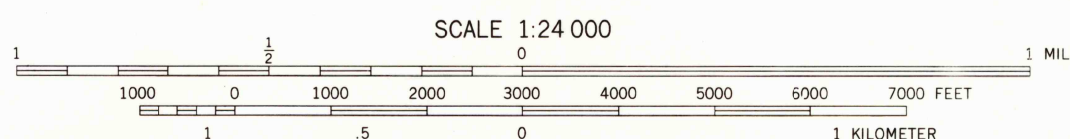
Selected hydrographic data compiled from USC&GS Chart 4162 (1950)
and hydrographic surveys (1929)
This information is not intended for navigational purposes

Polyconic projection. Old Hawaiian datum
10,000-foot grid based on Hawaii coordinate system, zone 1
1000-meter Universal Transverse Mercator grid ticks,
zone 5, shown in blue

Fine red dashed lines indicate selected fence lines
This map lies within an unstable volcanic area



APPROXIMATE MEAN
DECLINATION, 1966



CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

ROAD CLASSIFICATION
Medium-duty ——— Light-duty ———
Unimproved dirt - - - - -
State Route (O)

JUL 20 1978

USGS
Historical File
Topographic Division

PUNALUU, HAWAII
N1907.5-W155307.5

1966