



Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and Hawaii State Survey  
Topography by photogrammetric methods from aerial  
photographs taken 1950. Field checked 1952. Revised 1968  
Selected hydrographic data compiled from USC&GS  
Charts 4121 (1966) and 4130 (1964)  
This information is not intended for navigational purposes  
Polyconic projection. Old Hawaiian datum  
10,000-foot grid based on Hawaii coordinate system, zone 2  
1000-meter Universal Transverse Mercator grid ticks,  
zone 4, shown in blue

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1968

SCALE 1:24,000  
1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 MILE  
1 000 0 1000 2000 3000 4000 5000 6000 7000 METERS  
1 KILOMETER  
CONTOUR INTERVAL 50 FEET  
DATUM IS MEAN SEA LEVEL  
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

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS  
Historical File  
Topographic Division

HAWAIIAN ISLANDS  
QUADRANGLE LOCATION

U.S.G.S.  
FILE COPY  
TOPOGRAPHIC DIVISION

ROAD CLASSIFICATION  
Medium-duty ——— Light-duty ———  
Unimproved dirt ———  
State Route

U.S.G.S.  
KAMALO, HAWAII  
N2102.75—W15649.5/8.5 X 7.5

1968