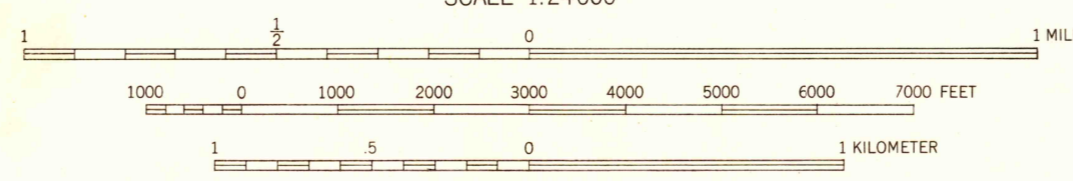




Maped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and Hawaiian Territorial Survey  
Topography by plane-table surveys 1930 and by multiplex methods  
Culture and drainage compiled from aerial photographs taken 1952.  
Field check 1953  
Hydrography compiled from USC&GS Chart 4110 and  
register numbers 4445 and 4446  
Polyconic projection. Old Hawaiian datum  
10,000-foot grid based on Hawaiian coordinate system, zone 3  
Red tint indicates area in which only landmark buildings are shown  
Unchecked elevations are shown in brown

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1953



CONTOUR INTERVAL 40 FEET  
DOTTED LINES REPRESENT HALF-INTERVAL CONTOURS  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS  
Historical File  
Topographic Division

ROAD CLASSIFICATION  
Heavy-duty 4 LANE 16 LANE Light-duty  
Medium-duty 4 LANE 16 LANE Unimproved dirt  
U. S. Route Terr. Route

U.S.G.S.  
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TOPOGRAPHIC DIVISION

HALEIWA, HAWAII  
N2130-W15801.5/7.5  
1953