



Mapped, edited, and published by the Geological Survey  
Revised in cooperation with Hawaii Dept. of Transportation  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs  
taken 1961. Field checked 1966. Revised from aerial photographs  
taken 1977. Limited field checked 1980. Map edited 1981  
Selected hydrographic data compiled from USC&GS Chart 4103 (1958).  
This information is not intended for navigational purposes.  
Projection and 10,000-foot grid ticks: Hawaii coordinate system,  
zone 1 (transverse Mercator) Clarke spheroid 1866. Old Hawaii Datum  
1000-meter Universal Transverse Mercator grid ticks, zone 5 shown  
in blue. International spheroid. To place on the predicted North  
American Datum 1983 move the projection lines 339 meters north and  
291 meters west as shown by dashed corner ticks  
Red tint indicates areas in which only landmark buildings are shown  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1981

SCALE 1:24 000  
1 000 2000 3000 4000 5000 6000 7000 FEET  
1 5 10 15 20 KILOMETER  
CONTOUR INTERVAL 20 FEET  
DOTTED LINES REPRESENT 10-FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 2 FEET

HAWAIIAN ISLANDS  
QUADRANGLE LOCATION

ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Light-duty road, hard or improved surface  
Unimproved road  
Interstate Route  
U. S. Route  
State Route

MAR 30 1983  
HILO, HAWAII  
N1937.5-W155007.5  
1981

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