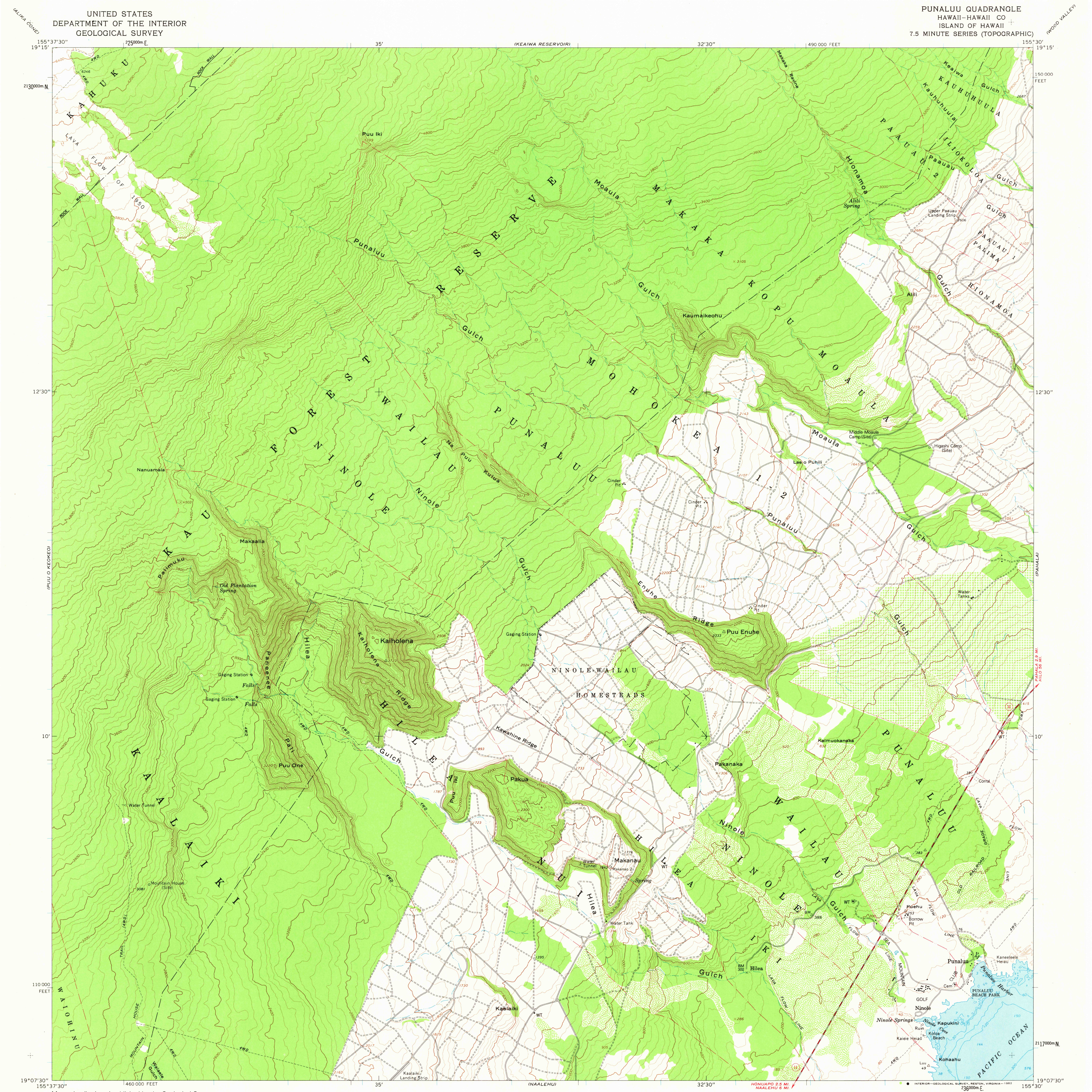




Mapped, edited, and published by the Geological Survey
Revised in cooperation with Hawaii Dept. of Transportation
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs
taken 1954 and 1965. Field checked 1966. Revised from aerial photographs
taken 1978. Limited field check 1980. Map edited 1982
Selected hydrographic data compiled from USC&GS Chart 4162 (1950)
and hydrographic surveys (1929). This information is not intended for
navigational purposes

Projection and 10 000-foot grid ticks: Hawaii coordinate system,
zone 1, (transverse Mercator) Clark spheroid 1866. Old Hawaiian 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 336 meters north and
291 meters west as shown by dashed corner ticks
Fine red dashed lines indicate selected fence lines
This map lies within an unstable volcanic area

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1982

SCALE 1:24 000
1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 10 KILOMETER
CONTOUR INTERVAL 40 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 RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
THE AVERAGE 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

HAWAIIAN ISLANDS
QUADRANGLE LOCATION

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

PUNALUU, HAWAII
N1907.5-W15530.7.5

1982