

155°37'30" 225000m E. 19°22'30" 2144000m N. 20' 17'30" 160000 FEET 19°15' 155°37'30" 460000 FEET 16 MI. TO HAWAII II 35' (PUNALU) 32'30" 19°15' 236000m E. 2132000m N. 19°15' 155°37'30" 236000m E. 2132000m N. 19°15' 155°37'30" 236000m E. 2132000m N.

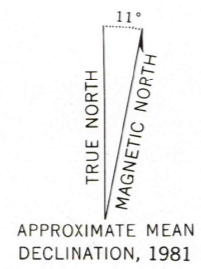
155°30' 19°22'30" 190000 FEET 20' 17'30" 160000 FEET 19°15' 2132000m N. 19°15' 155°30' 236000m E. 2132000m N. 19°15' 155°30' 236000m E. 2132000m N.

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

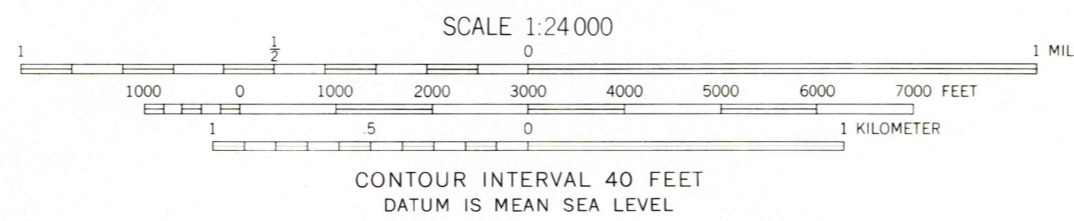
Topography by photogrammetric methods from aerial photographs
taken 1954. Field checked 1963. Revised from aerial photographs
taken 1977. Limited field check 1980. Map edited 1981

Projection and 10,000-foot grid ticks: Hawaii coordinate system
zone 1 (transverse Mercator) Clark 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 337 meters north and
291 meters west as shown by dashed corner ticks

This map lies within an unstable volcanic area
There may be private inholdings within the boundaries of
the National or State reservations shown on this map



APPROXIMATE MEAN
DECLINATION, 1981



SCALE 1:24000
CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL



HAWAIIAN ISLANDS
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Unimproved dirt - - - - -

KEAIWA RESERVOIR, HAWAII
N1915-N15530/7.5

1981

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST