



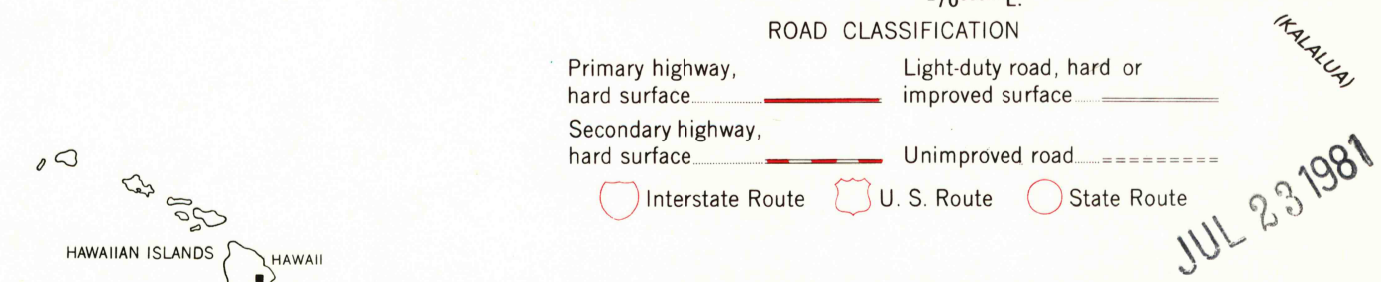
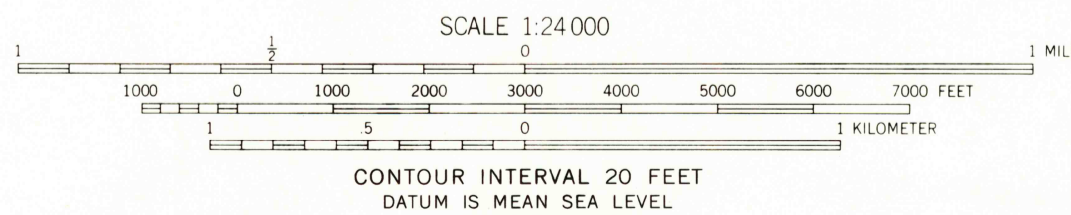
Mapped, edited, and published by the Geological Survey
Revised in cooperation with Hawaii Dept. of Transportation
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs
taken 1954. Field checked 1962. 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 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

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



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PUU MAKAALA, HAWAII
N1930-W15507.5/7.5
1981