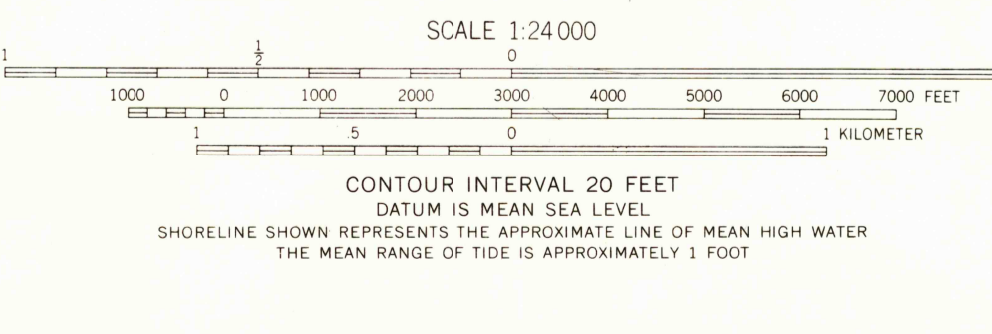
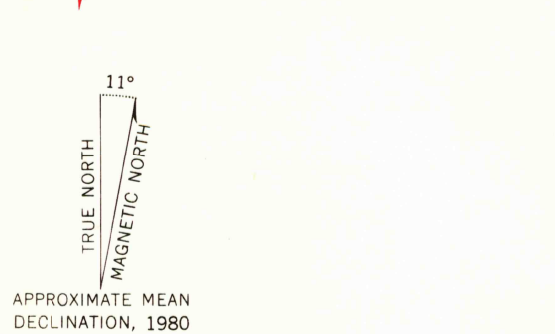


Mappec, edited, and published by the Geological Survey
Revised in cooperation with the Hawaii Dept. of Transportation
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs
taken 1961. Field checked 1966. Revised from aerial photographs
taken 1977. Limited field checked 1980. Map edited 1980
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 338 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



ROAD CLASSIFICATION

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

HAWAIIAN ISLANDS
QUADRANGLE LOCATION

PAHOA SOUTH, HAWAII
N1922.5-W15452.5/7.5

1980

AUG 11 1982