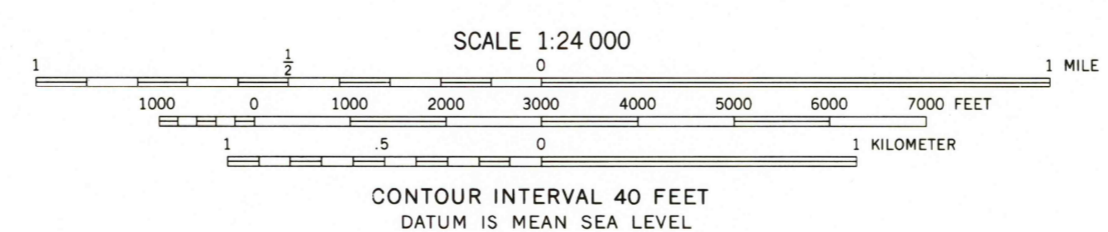
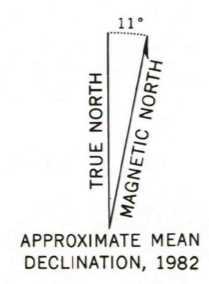


Mapped, edited, and published by the Geological Survey  
Revised in cooperation with Hawaii Dept. of Transportation  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs  
taken 1954. Field checked 1956. Revised from aerial photographs  
taken 1976. Limited field check 1981. Map edited 1982  
Projection and 10,000-foot grid ticks: Hawaii coordinate system,  
zone 1 (transverse Mercator) Clarke 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 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



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ROAD CLASSIFICATION  
Unimproved dirt -----

QUADRANGLE LOCATION

PUU ULAULA, HAWAII  
N1930-W15522.5/7.5  
1982