



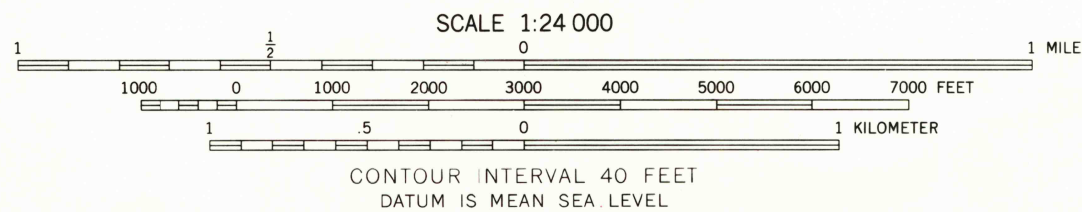
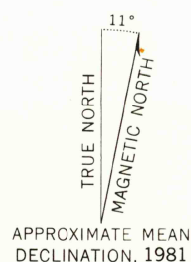
Mapped, edited, and published by the Geological Survey  
Revised in cooperation with Hawaii Dept. of Transportation  
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs  
taken 1961. Field checked 1962. Revised from aerial photographs  
taken 1977. Limited field checked 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 336 meters north and  
291 meters west as shown by dashed corner ticks

Fine red dashed lines indicate selected lines

There may be private inholdings within the boundaries of  
the National or State reservations shown on this map



ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Light-duty road, hard or improved surface  
Unimproved road  
State Route

PAPA, HAWAII  
N1907.5-W15545/7.5

1981

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NOV 24 1981