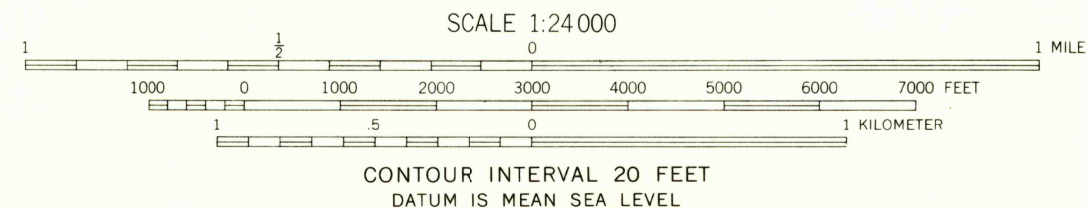
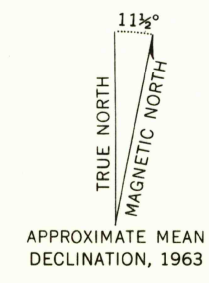




Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1954. Field checked 1963
Polyconic projection. Old Hawaiian datum
10,000-foot grid based on Hawaiian coordinate system, zone 1
1000-meter Universal Transverse Mercator grid ticks,
zone 5, shown in blue
This map lies within an unstable volcanic area
Fine red dashed lines indicate selected fence lines



USGS
Historical File
Topographic Division

ROAD CLASSIFICATION
Medium-duty ——— Light-duty ———
Unimproved dirt - - - - -
State Route ○

SEP 2 1 1964

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HAWAIIAN ISLANDS
QUADRANGLE LOCATION

VOLCANO, HAWAII
NW/4 PUNA 15' QUADRANGLE
N1922.5—W15507.5/7.5
1963