



U.S. GEOLOGICAL SURVEY  
WASHINGTON  
APR 6 1954  
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Boundary of lava flow  
Cracks

Topography by Bishop Moorhead, Edward G. Wingate, and F.A. Danforth.  
Control in part by Hawaiian Territorial Survey and  
U.S. Coast and Geodetic Survey.  
Surveyed in 1920-1921.

Scale 82500  
1 2 3 4 Miles  
5000 10000 15000 20000 Feet  
1 2 3 4 5 Kilometers

Contour interval 50 feet.  
Datum is mean sea level.

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Polyconic projection, Hawaiian datum.  
5000 yard grid based upon U.S. zone  
system, but with central meridian 158°

THROUGH ROUTES  
SECONDARY ROUTES  
SECTIONS IN POOR CONDITION  
HONUAPU, HAWAII  
Edition of 1924.

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