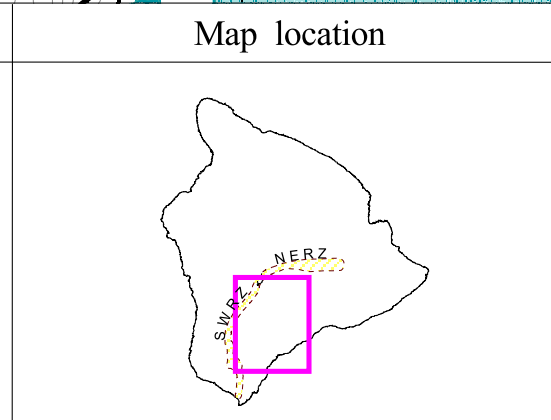


Explanation	Base map
Punalu'u inundation zone	Fissures and cracks
Pāhala inundation zone	Contour interval 100 feet
Wood Valley inundation zone	Major road
Kilauea overrun zone	Minor road
Rift zone buffer	
Community/infrastructure	

USGS 1:100,000 Hawaii County quadrangle sheets compiled from the USGS 1:24,000 scale topographic maps dated 1956-1960. Planimetry revised from aerial photographs taken 1974 and other source data. Revised information not field checked. Map edited 1980.

Projection and 10,000 meter grid, zone 5, Universal Transverse Mercator, International spheroid 25,000 foot grid ticks based on Hawaii coordinate system, Zone 1, Old Hawaiian Datum.

There may be private inholdings within the boundaries of the National or State Reservations shown on the map.



**WARNING:** Lava-flow inundation analysis only valid for lava flows once they have moved outside the rift-zone buffer (yellow zone bounded by dashed line)

Available online at <http://geopubs.wr.usgs.gov/map-mf/mf2401> Approved for publication August 8, 2002

1:60,000  
1 inch = 95 miles  
1 cm = .60 km

Maps Showing Lava Inundation Zones for Mauna Loa, Hawai'i  
by  
Frank A. Trusdell, Peter Graves, and Christopher R. Tincher  
2002

Map 4. Pāhala, Punalu'u, and Wood Valley inundation zones