USGS science for a changing world

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Published in cooperation with the
FEDERAL EMERGENGY MANAGEMENT AGENCY
and the
COUNTY OF HAWAII

MISCELLANEOUS FIELD STUDIES MAP MF-2401
SHEET 2 OF 10

Explanation

- Kaūmana inundation zone
- Waiākea inundation zone
- Volcano - Mountain View inundation zone
- Rift zone buffer
- Community/infrastructure
- Fissures and cracks
- Contour interval 100 feet
- Major road
- Minor road

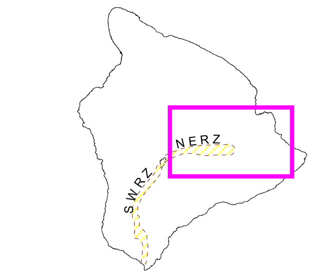
Base map

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.

Map location



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

11° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1999

1 : 85,000
1 inch = 1.34 miles
1 cm = .85 km

Maps Showing Lava Inundation Zones for Mauna Loa, Hawai'i

by
Frank A. Trusdell, Peter Graves, and Christopher R. Tincher
2002

Map 2. Kaūmana, Waiākea, and Volcano-Mountain View inundation zones