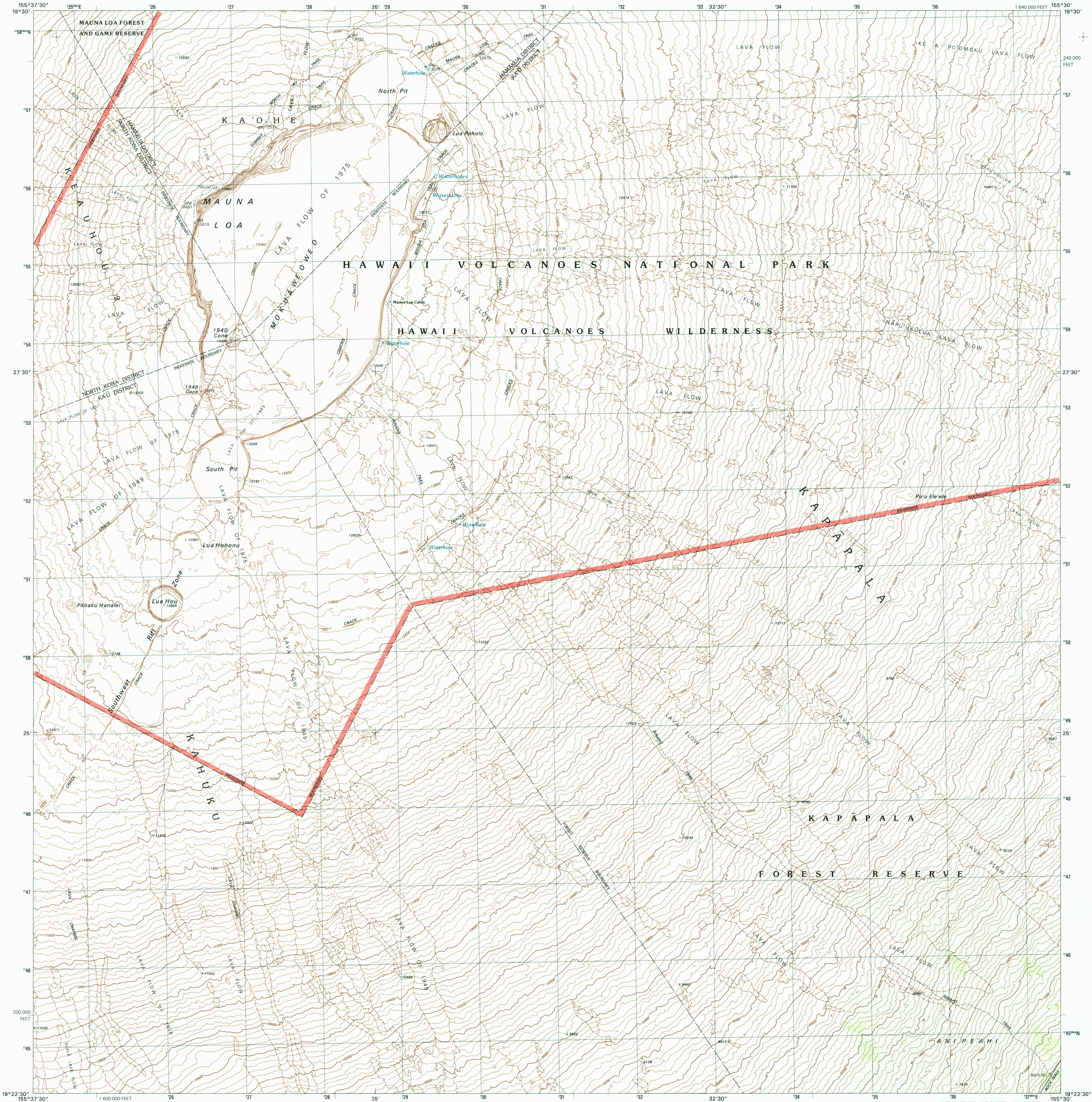
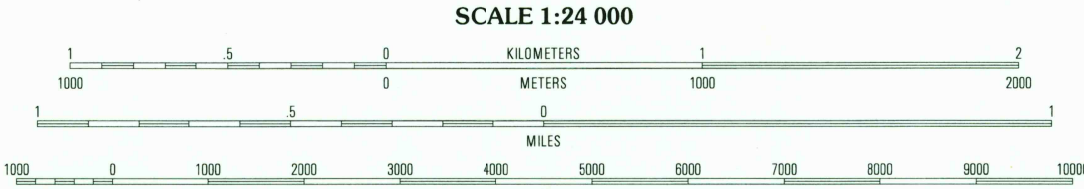




Produced by the United States Geological Survey
Topography compiled 1954. Planimetry derived from imagery taken 1977 and other sources. Photoinspected using imagery taken 1993; no major culture or drainage changes observed. Survey control current as of 1980. Boundaries revised 1999.
North American Datum of 1983 (NAD 83). Projection and 1000-meter grid: Universal Transverse Mercator, zone 5 (zone 1).
1000-foot ticks: Hawaii Coordinate System of 1983 (zone 1).
Old Hawaiian Datum is shown by dashed corner ticks.
The values of the shift between NAD 83 and Old Hawaiian Datum for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.
This map lies within an unstable volcanic area.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

UTM GRID AND 1999 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



QUADRANGLE LOCATION

1	2	3	1 Puu O Uia
4	5	4 Sulfur Cone	5 Kilauea Iki
6	7	8 Keaia Reservoir	8 Wood Valley

ADJOINING 7.5 QUADRANGLE NAMES

ROAD CLASSIFICATION

Primary highway hard surface	Light-duty road, hard or improved surface
Secondary highway hard surface	Unimproved road
Interstate Route	U.S. Route
	State Route

RECEIVED
JAN 31 2002

USGS NWHL
HISTORICAL MAP ARCHIVES

MAUNA LOA, HI
1993

NIMA 5816 1 NE-SERIES W833



FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

