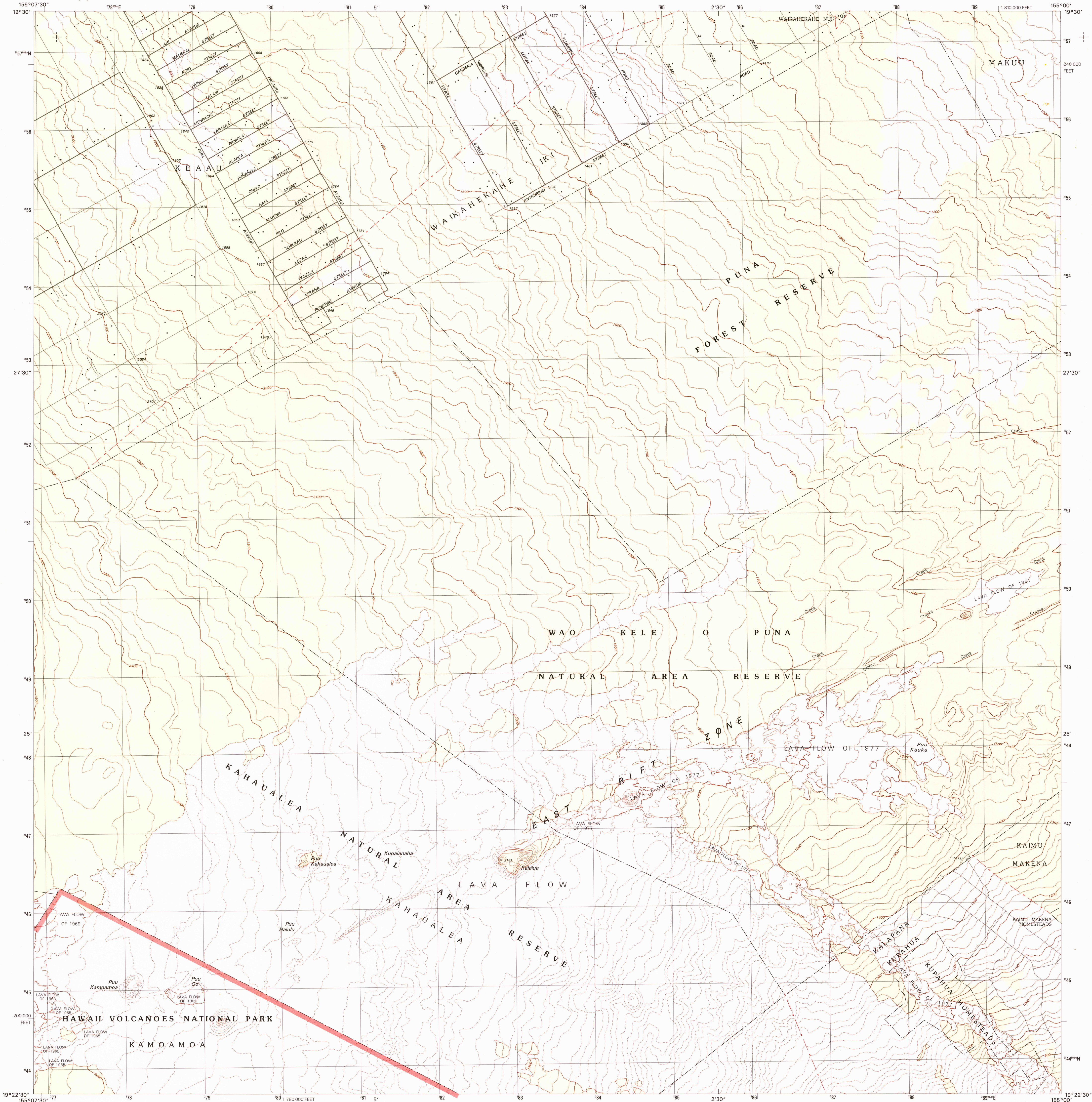




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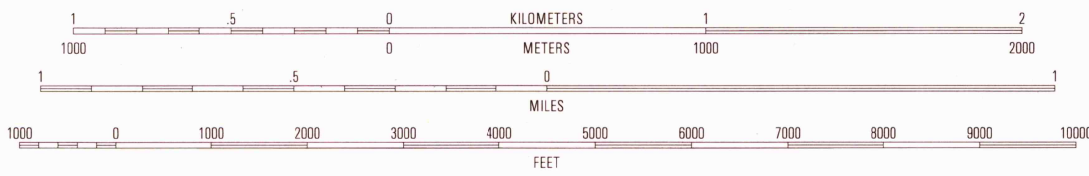
U.S. DEPARTMENT OF DEFENSE
NATIONAL IMAGERY AND MAPPING AGENCY

KALALUA QUADRANGLE
HAWAII-HAWAII CO.
7.5-MINUTE SERIES (TOPOGRAPHIC)



Produced by the United States Geological Survey
in cooperation with National Imagery and Mapping Agency
Topography compiled 1954. Planimetry derived from imagery
taken 1995. Survey control current as of 1966. Contours
that conflict with updated major features are dashed.
North American Datum of 1983 (NAD 83). Projection and
1000-meter grid: Universal Transverse Mercator, zone 5
10 000-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.
There may be private inholdings within the boundaries of
the National or State reservations shown on this map.
Information shown in purple may not meet USGS content standards
and may conflict with previously mapped contours.

UTM GRID AND 1998 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

1	2	3	1 Puu Makaala
			2 Mountain View
4		5	3 Palao North
			4 Volcano
			5 Palao South
6	7	8	6 Makapuu
			7 Kalapana
			8

ADJOINING 7.5' QUADRANGLE NAMES

RECEIVED

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USGS NMD
HISTORICAL MAP ARCHIVES

KALALUA, HI
1995

NIMA 59161 NE-SERIES W833

