



Produced by the United States Geological Survey
 Topography compiled 1954. Planimetry derived from imagery taken 1995. Survey control current as of 1980.
 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.
 Contour gaps near map edges are due to NAD 83 shift.
 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.
 Entire area lies within the Ka'u District.

UTM GRID AND 1999 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
 DATUM IS MEAN SEA LEVEL
 TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 2 FEET

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

QUADRANGLE LOCATION

1	2	3
4	5	6

1 Kalia Reservoir
 2 Wood Valley
 3 Ka'u Desert
 4 Punahele
 5 Naikakani Point
 6 Ni'ihau

RECEIVED
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 USGS NWI
 HISTORICAL MAP ARCHIVES

PÄHALA, HI
 1995
 NIMA 5916 III NW-SERIES W833

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 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ADJOINING 7.5 QUADRANGLE NAMES