



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

SCALE 1:24 000

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

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	1 Puu Makala
			2 Mountain View
4	5	6	3 Pahoa North
			4 Volcano
6	7	8	5 Pahoa South
			6 Makapuhi
			7 Kalapana
			8

ADJOINING 7.5 QUADRANGLES

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KALALUA, HI 1995

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