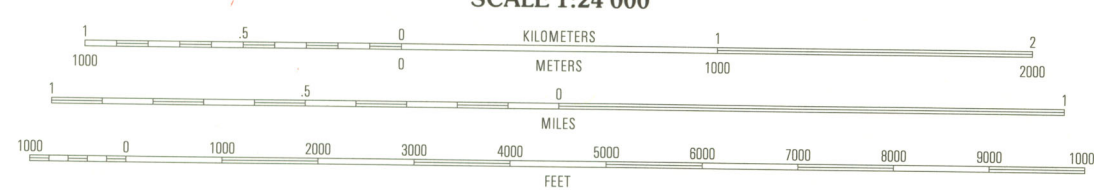
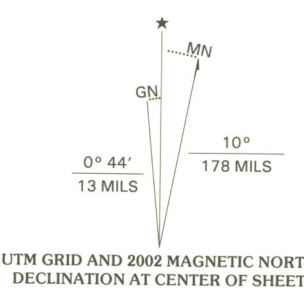


Produced by the United States Geological Survey
Topography compiled 1954. Planimetry derived from imagery taken 1977 and other sources. Photostereoscopic imagery taken 1994; no major culture or drainage changes observed. Survey control current as of 1980. Boundaries verified 2001.
North American Datum of 1983 (NAD 83). Projection and 1 000-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. There may be private inholdings within the boundaries of the National or State reservations shown on this map. Houses of worship, schools, and other labeled buildings verified 1980.



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

QUADRANGLE LOCATION

1	2	3	1 Waikoloa Ponds
			2 Pihonaka
			3 Hilo
4	5	4 Kilauea	
			5 Moonstone View
			6 Kilauea Crater
6	7	8	7 Volcano
			8 Kilauea

ADJOINING 7.5 QUADRANGLES

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

PU'UMAKA'ALA, HI
1994

NIMA 5917 II SW-SERIES W833

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