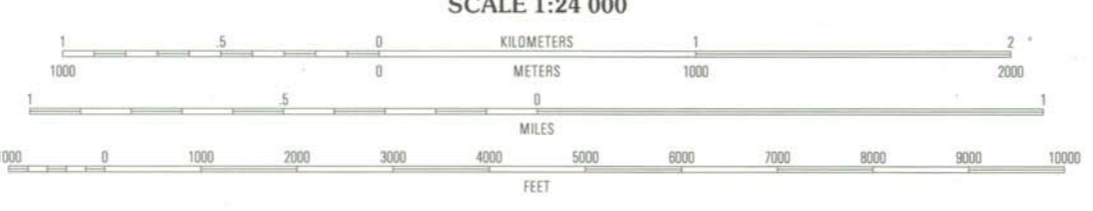


Produced by the United States Geological Survey  
Topography compiled 1965. Planimetry derived from imagery taken 1978 and other sources. Photomapped using imagery taken 1995; no major culture or drainage changes observed. Survey control current as of 1980. Boundaries verified 2000.  
North American 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  
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



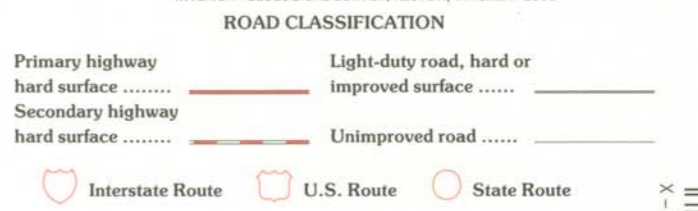
SCALE 1:24 000  
CONTOUR INTERVAL 40 FEET  
DATUM IS MEAN SEA LEVEL  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2 FEET  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



QUADRANGLE LOCATION

1	2	3	1' Aka Cone
			2' Puukinihi
			3' Wood Valley
			4' Puukanihi
			5' Pahala
			6' Kahuku Ranch
			7' Naliuku
			8'

ADJOINING 7.5 QUADRANGLE NAMES



PUNALU'U, HI  
1995  
NIMA 5816 II NE-SERIES W833

