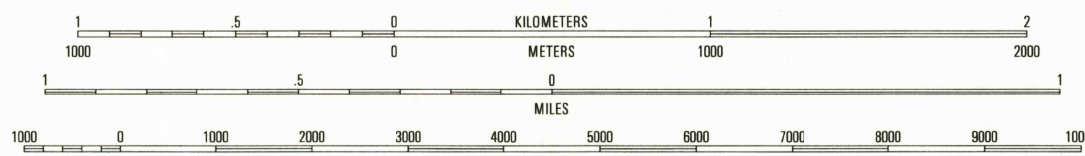


Produced by the United States Geological Survey  
in cooperation with National Imagery and Mapping Agency  
Topography compiled 1961. Planimetry derived from imagery  
taken 1955. Survey control current as of 1966.  
North American Datum of 1983 (NAD 83). Projection and  
1000-meter grid: Universal Transverse 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

UTM GRID AND 1998 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 20 FEET  
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2 FEET



QUADRANGLE LOCATION

1	2	3	1 Akaka Falls
4	5	6	2 Papakoua
7	8	9	3 Pihonua
			4 Keaukaha Ranch
			5 Pun Makala
			6 Mountain View
			7 Palaoa North



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