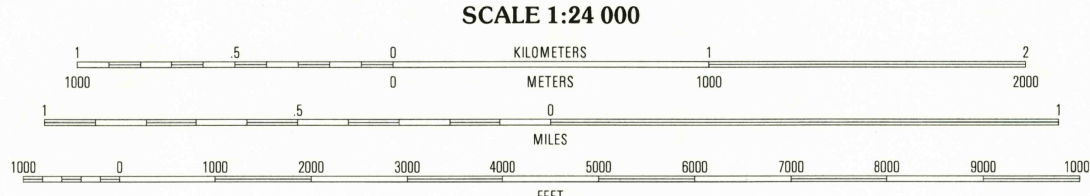
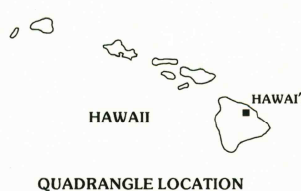


Produced by the United States Geological Survey  
Topography compiled 1954. Planimetry derived from imagery taken 1976 and other sources. Photoinspected using imagery taken 1993; no major culture or drainage changes observed. Survey control current as of 1981. Boundaries revised 2000.  
North American 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.  
There may be private inholdings within the boundaries of the National or State reservations on this map.

UTM GRID AND 2001 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET  
0° 47' 14" M  
10° 178 MILS



CONTOUR INTERVAL 40 FEET  
DATUM IS MEAN SEA LEVEL  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



QUADRANGLE LOCATION

1	2	3	1 Umkoo
4	5	6	2 Kanahele
7	8	9	3 Pāpāloa
			4 Mauna Kea
			5 Nāhala Falls
			6 Pu'u O'o
			7 Waikōloa Ponds
			8 Pt. Honua

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION  
Primary highway  
hard surface .....  
Secondary highway  
hard surface .....  
Light-duty road, hard or  
improved surface .....  
Unimproved road .....  
Interstate Route  
U.S. Route  
State Route

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USGS NWL  
HISTORICAL MAP ARCHIVES

PUA'ĀKALA, HI  
1993

NIMA 5917 IV SE-SERIES W833



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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

