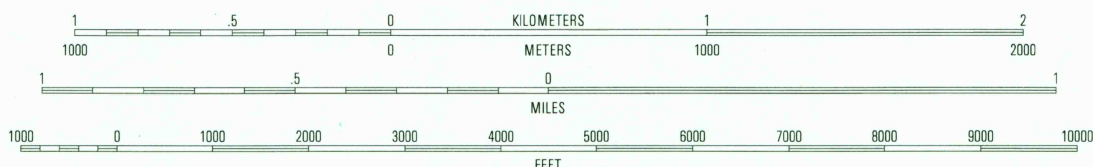
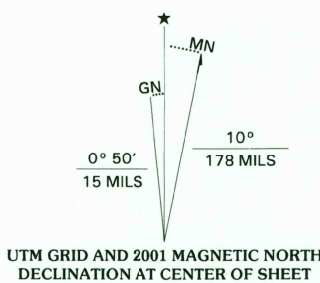




Produced by the United States Geological Survey  
Topography compiled 1954. Planimetry derived from imagery taken 1978 and other sources. Photoinspected using imagery taken 1993 no major culture or drainage changes observed. Survey control current as of 1990. Boundaries revised 2000  
North American 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 shown on this map  
Houses of worship, schools, and other labeled buildings verified 1954



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



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	

1 Makalea  
2 Umiaka  
3 Keenakolu  
4 Ahumoa  
5 Puuakala  
6 Puuakali  
7 Puuakali  
8 Waikohu Ponds

RECEIVED  
NOV 3 0 2001  
USGS/INMIL  
HISTORICAL MAP ARCHIVES

MAUNA KEA, HI  
1993

NIMA 5917 IV SW-SERIES W833

