



Produced by the United States Geological Survey
in cooperation with National Imagery and Mapping Agency
Topography compiled 1960-61. Planimetry derived from imagery
taken 1960. Survey control current as of 1963.
North American Datum of 1983 (NAD 83). Projection and
1000-meter grid: Universal Transverse Mercator, zone 4
(zone 4).
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

SCALE 1:24 000
1 000 000 2000 3000 4000 5000 6000 7000 8000 9000 10000
METERS
1 2 3 4 5 6 7 8
MILES
0 1 2 3 4 5 6 7 8 9 10
FEET

CONTOUR INTERVAL 40 FEET
SUPPLEMENTARY CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 FOOT

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



1	2	3	1 Kakaia
4	5	6	2 Waimae Canyon
7	8	9	3 Walaialele
		10	4 Koloa
		11	5 Koloa
		12	6 Koloa
		13	7 Koloa
		14	8 Koloa

ADJOINING 7.5' QUADRANGLE NAMES

RECEIVED
FEB 28 1999
USGS NMD
HISTORICAL MAP ARCHIVES

HANAPEPE, HI
1996

NIMA 5021 1 NE-SERIES W833

