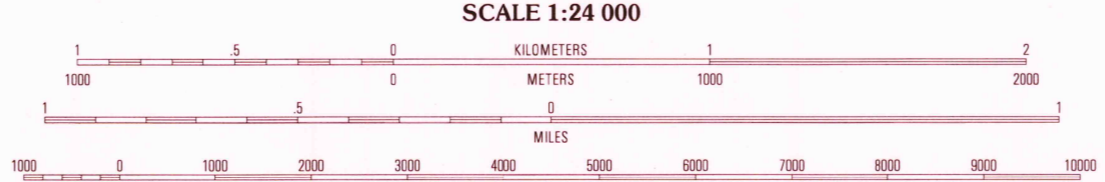
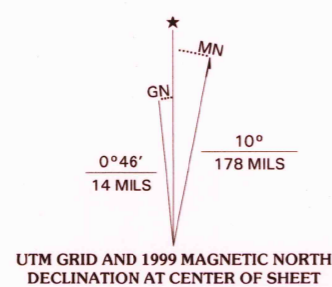


Produced by the United States Geological Survey Topography compiled 1954. Planimetry derived from imagery taken 1977 and other sources. Photomapped using imagery taken 1995; no major culture or drainage changes observed. Survey control current as of 1980. Boundaries revised 1999. North American Datum 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. Contour gaps near map edges are due to NAD 83 shift. There may be private inholdings within the boundaries of the National or State reservations shown on this map.



CONTOUR INTERVAL 20 FEET DATUM IS MEAN SEA LEVEL TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER THE MEAN RANGE OF TIDE IS APPROXIMATELY 2 FEET

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

ROAD CLASSIFICATION table with symbols for Interstate Route, U.S. Route, State Route, Primary highway, Secondary highway, hard surface, and unimproved road.

QUADRANGLE LOCATION table with a grid of 8 cells and corresponding quadrangle names.

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