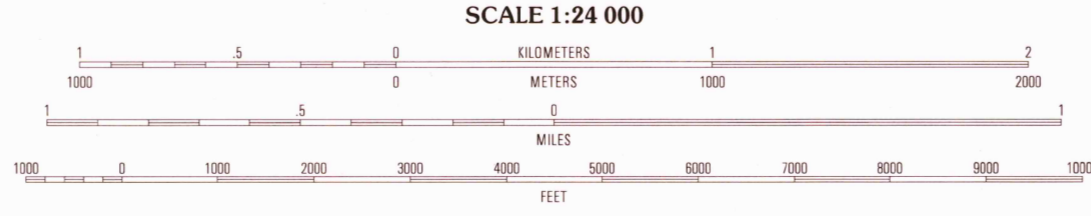
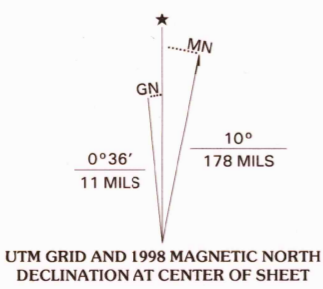


Produced by the United States Geological Survey in cooperation with National Imagery and Mapping Agency. Topography compiled 1960. Planimetry derived from imagery dated 1995. Survey control current as of 1965. Contours that conflict with updated major features are dashed. North American Datum of 1983 (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. There may be private inholdings within the boundaries of the National or State reservations shown on this map.



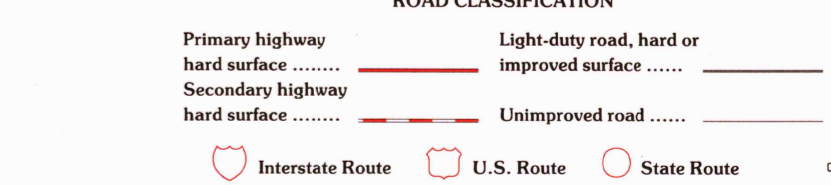
CONTOUR INTERVAL 20 FEET DATUM IS MEAN SEA LEVEL TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048 THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 FOOT

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

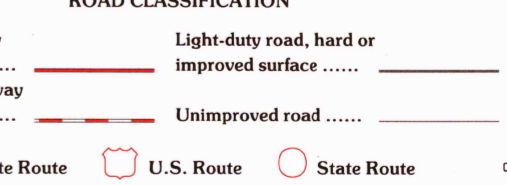


QUADRANGLE LOCATION

Table showing adjoining 7.5 quadrangle names: 1 Pahoa North, 2, 3, 4, 5 Pahoa South, 6, 7, 8.



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