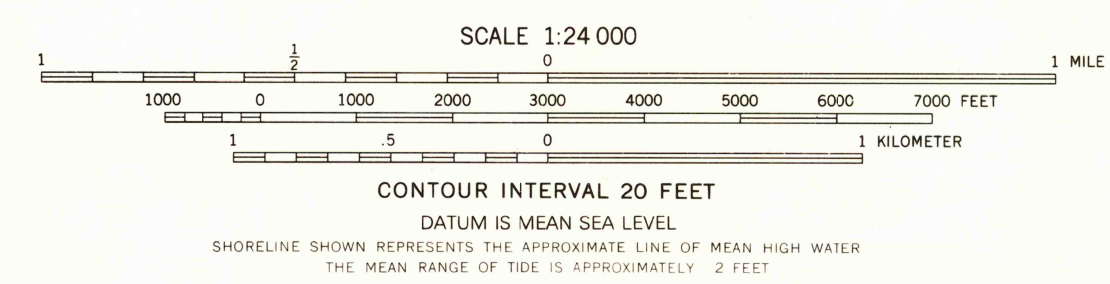
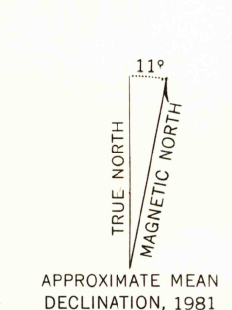
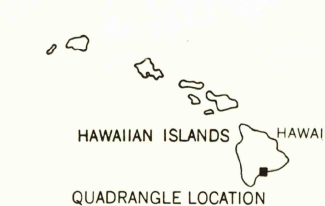




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 Topography by photogrammetric methods from aerial photographs  
 taken 1954. Field checked 1963. Revised from aerial photographs  
 taken 1977. Limited field check 1980. Map edited 1981  
 Projection and 10,000-foot grid ticks: Hawaii coordinate system,  
 zone 1 (transverse Mercator) Clarke spheroid 1866. Old Hawaiian Datum  
 1000-meter Universal Transverse Mercator grid ticks, zone 5, shown  
 in blue International spheroid. To place on the predicted North  
 American Datum 1983 move the projection lines 337 meters north and  
 281 meters west as shown by dashed corner ticks  
 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



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