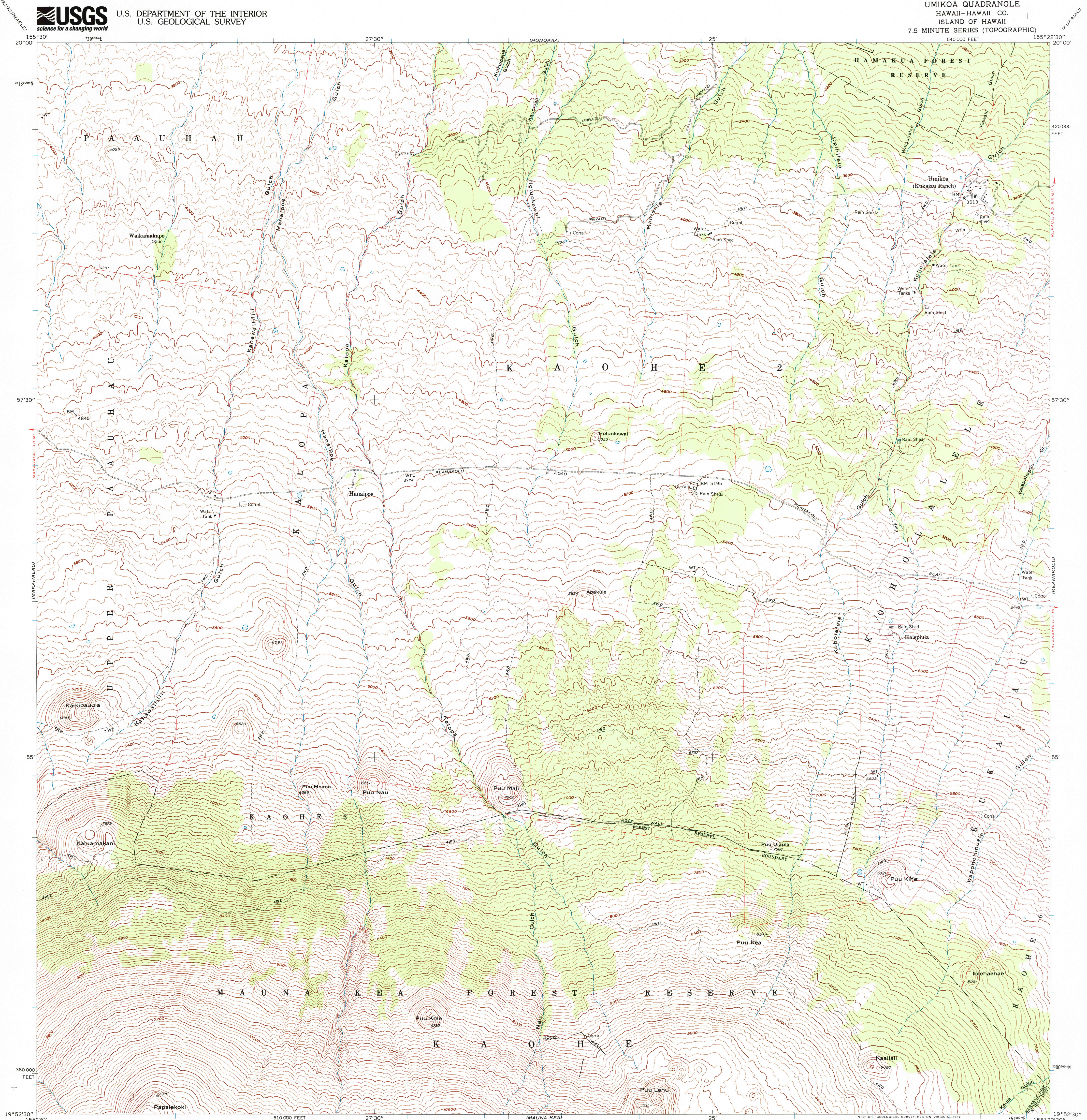




Mapped, edited, and published by the Geological Survey
Revised in cooperation with Hawaii Dept. of Transportation

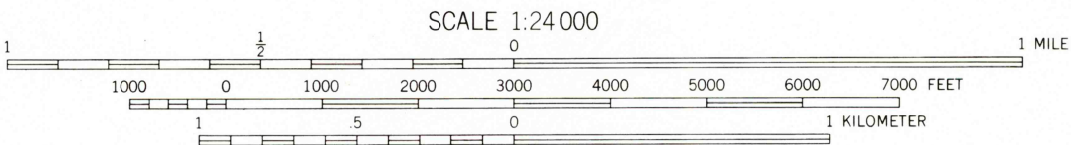
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs
taken 1954. Field checked 1956. Revised from aerial photographs
taken 1976-78. Limited field check 1981. Map edited 1982

Projection and 10,000-foot grid ticks: Hawaii coordinate system,
zone 1, (transverse Mercator) Clark 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 342 meters north and
291 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of
the National or State reservations shown on this map

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1982



CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Light-duty ————— Unimproved dirt - - - - -

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UMIKOA, HAWAII
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1982

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