

158° 01' 30" 158° 00' 00' 157° 54' 55" 530 000 FEET 21° 22' 30" 21° 22' 30"

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Produced by the Geological Survey
in cooperation with the State of Hawaii
Orthophotograph prepared from 1:48 000-scale
aerial photographs taken Dec. 1976 through Jan. 1978
Projection and 10,000-foot grid ticks: Hawaii coordinate
system, zone 3 (transverse Mercator) Clarke 1866 spheroid.
Old Hawaiian datum
1000-meter Universal Transverse Mercator grid ticks,
zone 4. International spheroid
Photom imagery rectified by optical scanning
Where double or mismatched image occurs use the
mean of image position for map point

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1962

SCALE 1:24 000
1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
HISTORICAL FILE
NATIONAL MAPPING DIVISION

HAWAIIAN ISLANDS
QUADRANGLE LOCATION

PRINCIPAL NUMBERED HIGHWAYS
Interstate Route U. S. Route State Route

This quadrangle area also covered by
1:24 000-scale topographic map

PUULOA, HAWAII
N2115-W15754/7.5

JUN 8 1981
850