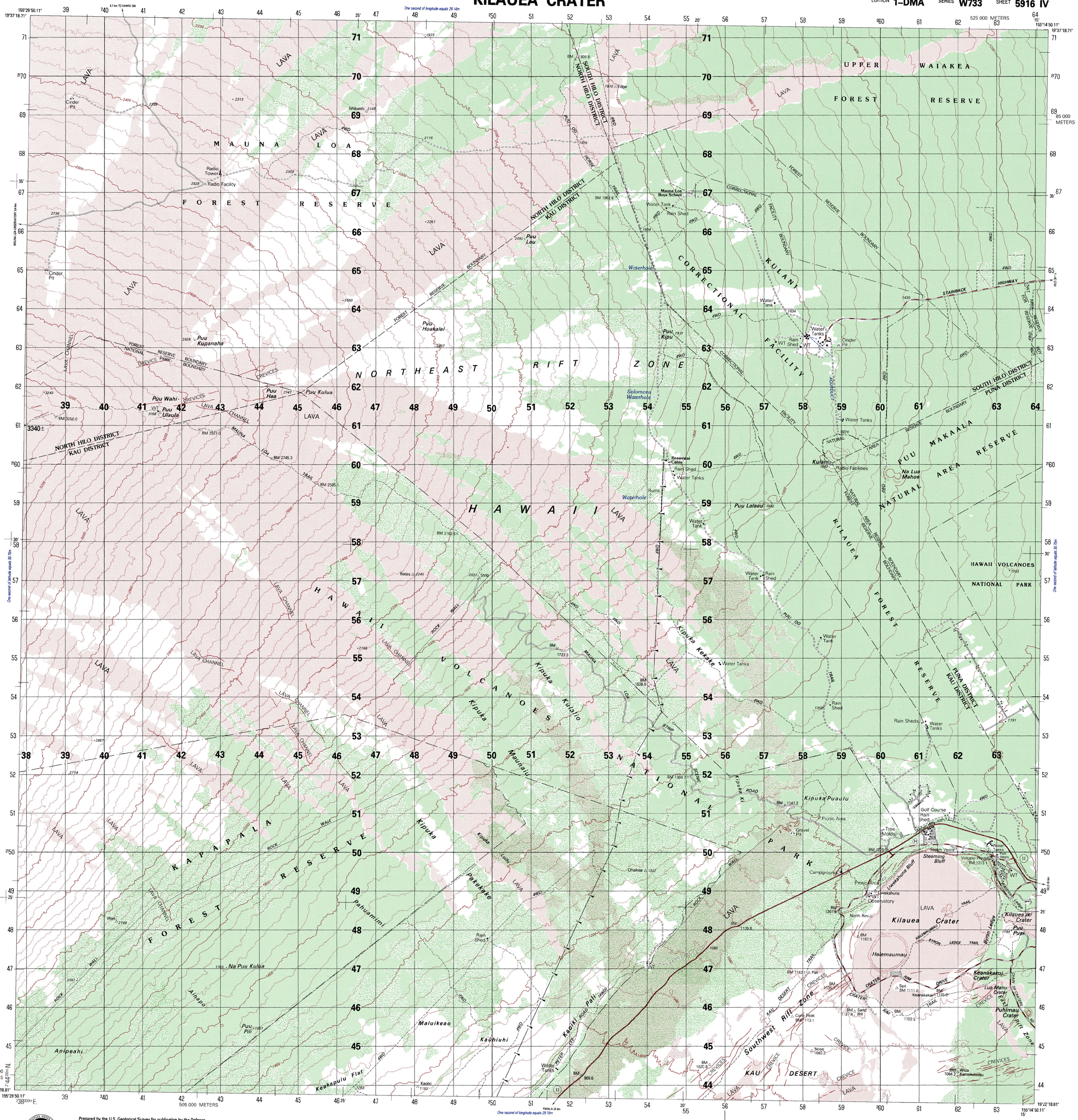
HAWAII 1:50,000

KILAUEA CRATER

EDITION 1–DMA SERIES W733 SHEET 5916 IV



Prepared by the U.S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C.

MAP INFORMATION AS OF 1982

LEGEND

CAUTION: ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE NOT SHOWN.

A LANE ON THIS MAP IS CONSIDERED TO BE 2.5 METERS WIDE.

IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.

THERE MAY BE PRIVATE INHOLDINGS WITHIN THE BOUNDARIES OF THE NATIONAL OR STATE RESERVATIONS SHOWN ON THIS MAP.

ROADS
- Divided highway with median strip
- Primary, all weather, hard surface
- Secondary, all weather, hard surface
- Light duty, all weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Route markers: Interstate; Federal; State
- Bridge

RAILROADS (Standard gauge 1.44m. – 4'8½")
- Single track
- Multiple track — 3 TRACKS
- Nonoperating
- Railroad station: Location known; Location unknown
- Car line
- Railroad bridge
- Tunnel: Highway; Railroad

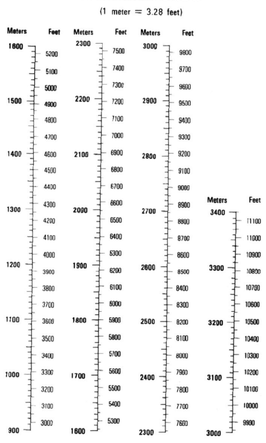
BOUNDARIES
- National, with monument
- State, territory
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National; State; Military — MIL RES

GRATICULE AND GRIDS BASED ON NORTH AMERICAN DATUM 1983; SHEET CORNERS ESTABLISHED ON OLD HAWAIIAN DATUM (OHD). THE DIFFERENCE IN POSITION OF THE GRATICULE BETWEEN NAD 83 AND OHD IS APPROXIMATELY 346 METERS IN LATITUDE AND 289 METERS IN LONGITUDE. THE RELATIONSHIP BETWEEN NAD 83 AND OHD MAY BE DETERMINED BY COMPARING THE NAD 83 VALUES FOR SHEET CORNERS WITH CORRESPONDING OHD VALUES SHOWN IN THE INDEX TO ADJOINING SHEETS DIAGRAM.

- Power transmission line
- Buildings
- Structures
- Church; School
- Power substation
- Windmill; Watermill
- Well; Tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- Bench mark, monumented — BM × 219.2
- Bench mark, non-monumented — × 143.9
- Spot elevations in meters — · 144
- Levees, rims, dikes
- Bluffs, cliffs
- Woodland
- Scattered trees; Scrub
- Vineyard; Orchard, plantation
- Intermittent lake; Dam: Earthen; Masonry
- Stream: Perennial; Intermittent
- Marsh, swamp
- Small falls; Large falls — Falls
- Small rapids; Large rapids — Rapids

CONVERSION GRAPH

(1 meter = 3.28 feet)



SCALE 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers

1 ½ 0 1 2 3 Statute Miles

1 ½ 0 1 2 3 Nautical Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 40 METERS

SPHEROID	GEODETIC REFERENCE SYSTEM 80
GRID	1,000-METER UTM ZONE 5 (BLACK NUMBERED LINES) 5,000-METER STATE GRID TICKS, HAWAII (ZONE 1)
PROJECTION	TRANSVERSE MERCATOR
VERTICAL DATUM	MEAN SEA LEVEL
HORIZONTAL DATUM	NORTH AMERICAN DATUM 1983
CONTROL BY	USGS AND NOS/NOAA
PREPARED BY	U.S. GEOLOGICAL SURVEY

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SAMPLE 1,000 METER GRID SQUARE — 46, 45, 12, 13, Sample point

100,000 M. SQUARE IDENTIFICATION: KB

GRID ZONE DESIGNATION: 5Q

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12 3
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 6

Example: 123456

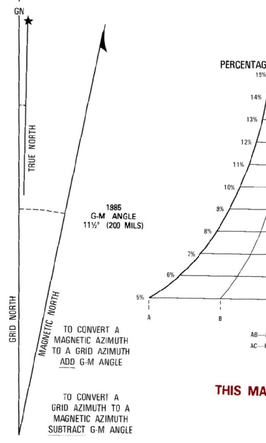
WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: KB123456

WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

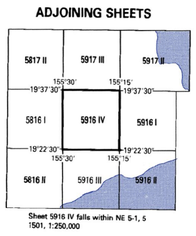
Example: 5QKB123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.



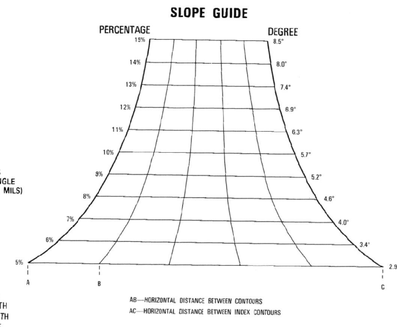
BOUNDARIES

ADJOINING SHEETS

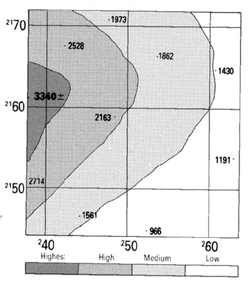


Sheet 5916 IV falls within NE 5-1, 5 1501, 1:250,000

SLOPE GUIDE



ELEVATION GUIDE



THIS MAP IS RED-LIGHT READABLE

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KILAUEA CRATER, HAWAII 5916 IV W733 EDITION 1–DMA