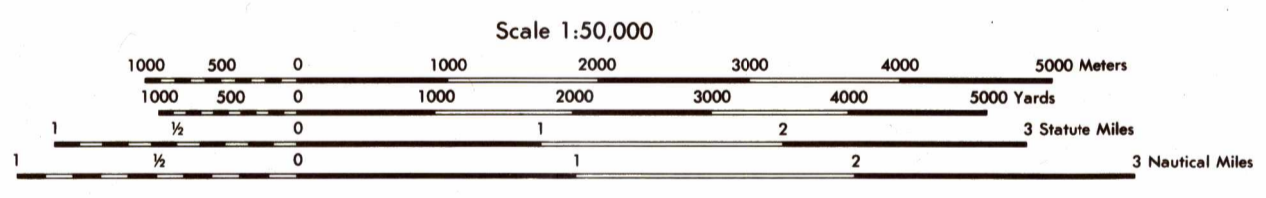


Prepared and published by the Defense Mapping Agency
Hydrographic/Topographic Center, Washington, D.C.



ELEVATION GUIDE
GUÍA DE ELEVACION

ADJOINING SHEETS
HOJAS ADYACENTES

3460 III	3460 II	3460 I
3459 IV	3459 I	3459 II
3459 III	3459 II	3459 III

BOUNDARIES
LÍMITES

DEPARTAMENTO DE ZELAYA

ROADS	CAMINOS	Power transmission line	Línea de transmisión
Dual highway	Autopista	Fence; Wall	Cerca; Muro
All weather, hard surface, two or more lanes wide	Para todo tiempo, carretera pavimentada, dos o más vías	Building; Church	Edificio; Iglesia
All weather, loose or light surface, two or more lanes wide	Para todo tiempo, carretera mejorada, dos o más vías	School; Cemetery	Escuela; Cementerio
All weather, hard surface, one lane wide	Para todo tiempo, carretera pavimentada, una vía	Windmill; windpump; Water mill	Molino de viento, aeromotor;
All weather, loose or light surface	Para todo tiempo, carretera mejorada, una vía	Light; lighthouse	Molino de agua; Luz, faro
Fair or dry weather, loose surface	Camino transitable en verano	Horizontal control point; Bench mark	Vértice geodésico; Punto fijo
Cart track; Trail	Camino de herradura; Sendero	Spot elevations in meters: Checked; Unchecked	Cota en metros: Comprobadas; No comprobadas
Bridge	Puente	Sand; Lava	Arena; Lava
National; Secondary	Nacional; Secundaria	Woods, brushwoods; Scrub	Arboles; Matorral
Railroad, standard gauge, single track, 1.067m (3.5')	Ferrocarril, vía normal, vía única, 1.067m (3.5')	Permanent plantation; Bamboo	Plantación permanente; Bambú
Built-up area	Área construida	Marsh or swamp; Mangrove	Pantano; Manglar
International; Boundary marker	Internacional; Mojón limítrofe	Nipa; Pine	Yolillo; Pino
First-order administrative division	Departamento	Land subject to inundation; Dry stream or wash	Terreno sujeto a inundación; Río seco o aluvión
		Well; Spring; Intermittent stream	Pozo; Manantial; Río intermitente
		Intermittent lake; Navigable canal	Laguna intermitente; Canal navegable
		Pier; Reef	Muelle; Arrecife
		Dam; Masonry; Earthen	Presas; de fábrica; de tierra

MAP INFORMATION AS OF 1957
On this map a line is generally considered as being 8-12 feet (2.5-3.6 meters) in width
EN ESTE MAPA UNA LÍNEA TIENE GENERALMENTE UNA ANCHURA DE 8-12 PIES (2.5-3.6 METROS)

CONTOUR INTERVAL 20 METERS
SUPPLEMENTARY CONTOURS 10 METERS

INTERVALO DE CURVAS 20 METROS
CURVAS SUPLEMENTARIAS CADA 10 METROS

SPHEROID CLARKE 1866
GRID 1,000 METER UTM ZONE 17 (BLACK NUMBERED LINES)
1,000 METER UTM ZONE 18 (BLUE NUMBERED TICKS)
1,000 METER UTM ZONE 19 (GREEN NUMBERED TICKS)

PROJECCION TRANSVERSA MERCATOR
VERTICAL DATUM MEAN SEA LEVEL
HORIZONTAL DATUM NORTH AMERICAN 1927 DATUM
CONTROL BY NATIONAL GEOGRAPHIC INSTITUTE

ESFEROIDE TRANSVERSA DE MERCATOR A 1,000 METROS (LINEAS NEGRAS NUMERADAS)
CUADRICULA TRANSVERSA DE MERCATOR A 1,000 METROS ZONA 17 (LINEAS AZULES NUMERADAS)
1,000 METROS ZONA 18 (LINEAS VERDES NUMERADAS)
LAMBERT A 1,000 METROS, ZONA NICARAGUA AL NORTE
CORRAS PAREDES NUMERADAS

PROYECCION TRANSVERSA DE MERCATOR
DATUM VERTICAL NIVEL MEDIO DEL MAR
DATUM HORIZONTAL DATUM NORTEAMERICANO DE 1927
CONTROL POR INSTITUTO GEOGRAFICO NACIONAL

Reprinted by NMA 5-99

100 METER REFERENCE
REFERENCIA DE 100 METROS

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenth (100 meters) from grid line to point. 12 3

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenth (100 meters) from line to point. 45 0

Example: 123456

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

Example: KG123456

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

Example: 17PKG123456

GRID CONVERSION
CONVERSIONES DE CUADRICULA

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
SUBSTRACT G.M. ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
SUBSTRACT G.M. ANGLE

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
ADD G.M. ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
ADD G.M. ANGLE

NSN 7643014017864
E751X34591

GLOSSARY
GLOSARIO

Campamento campground
Café stream
Departamento first-order administrative division
Laguna lake
Llano plain
Río stream

LIMITED DISTRIBUTION
THIS MAP IS RED-LIGHT READABLE