

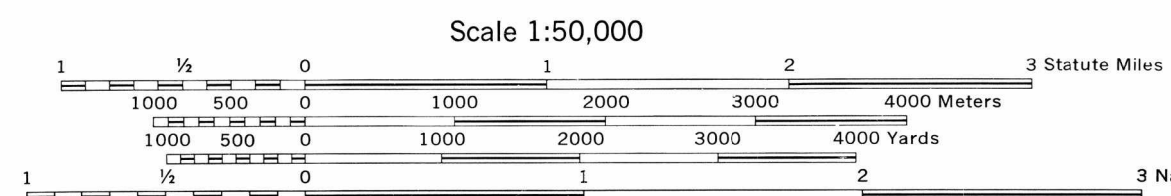
Prepared under the cooperative program of the National Geographic Institute of Honduras with the Inter American Geodetic Survey (IAGS) and Army Map Service of the United States. Photogrammetrically compiled in 1958 by the Army Map Service (KCAM), Corps of Engineers, U. S. Army, Washington, D. C. Aerial photography February 1954. Horizontal and vertical control by the Special Geographic Commission and IAGS in 1954-56. Map field checked 1959.

THE DELINEATION OF INTERNATIONAL BOUNDARIES ON THIS MAP MUST NOT BE CONSIDERED AUTHORITATIVE

**LEGEND**  
On this map a lane is considered as being a minimum of 2.5 meters in width

<b>ROADS</b>	Disturbed surface; Sand	<b>LEVEL</b>
All weather	Tropical grass	Low
Hard surface, two or more lanes wide	Woods, brushwood; Scrub	Low
Loose or light surface, two or more lanes wide	Orchard; Vineyard	Low
Hard surface, one lane wide	Mangrove; Nipa	Low
Loose or light surface, one lane wide	Rice paddy; Salt evaporator	Low
Fair or dry weather, loose surface	Land subject to inundation; Dry stream or wash	Low
Cart track; Footpath, trail	Well; Spring; Intermittent stream	Low
Route markers: National, Secondary	Intermittent lake or pond	Low
<b>RAILROADS</b>	Marsh or swam; Dam	Low
Normal or broad gauge	Large rapids; Large falls	Low
Narrow gauge	Rapids; Falls; Pier	Low
Area name	Exposed wreck	Low
International boundary	Sunken wreck; Anchorage	Low
Primary administrative boundary (departamento)	Sunken rock	Low
Power transmission line; Fence	Rock, uncovering or wash	Low
Church; School; Mine	Danger in general	Low
Windmill; wind pump; Water mill	Soundings in fathoms; Foreshore flat	Low
Horizontal control point; Bench mark	Ref: Light; Lighthouse	Low
Spot elevations in meters: Checked; Unchecked	Depth curves in fathoms	Low

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CONTOUR INTERVAL 20 METERS WITH SUPPLEMENTARY CONTOURS AT 10 METER INTERVALS  
VERTICAL DATUM: MEAN SEA LEVEL

TRANSVERSE MERCATOR PROJECTION  
HORIZONTAL DATUM IS BASED ON 1927 NORTH AMERICAN DATUM

BLACK NUMBERED LINES INDICATE THE 1,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 16, CLARKE 1866 SPHEROID

BLUE NUMBERED TICKS INSIDE THE NEATLINE INDICATE THE 1,000 METER LAMBERT GRID.

THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED

<b>GRID ZONE DESIGNATION:</b> 16P 100,000 M. SQUARE IDENTIFICATION	<b>TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 30 METERS</b> <b>SAMPLE POINT: LOS TANQUES</b>
DK	1. Read letters identifying 100,000 meter square in which the point lies.
500	2. Locate first VERTICAL grid line to LEFT of point and read LARGE figures labeling the line either in the top or bottom margin, or on the line itself.
	3. Estimate tenths from grid line to point.
	4. Locate first HORIZONTAL grid line BELOW point and read LARGE figures labeling the line either in the left or right margin, or on the line itself.
	5. Estimate tenths from grid line to point.
	<b>SAMPLE REFERENCE:</b> DK79528 If reporting beyond 97% S or 97% W, specify Grid Zone Designation, 45:

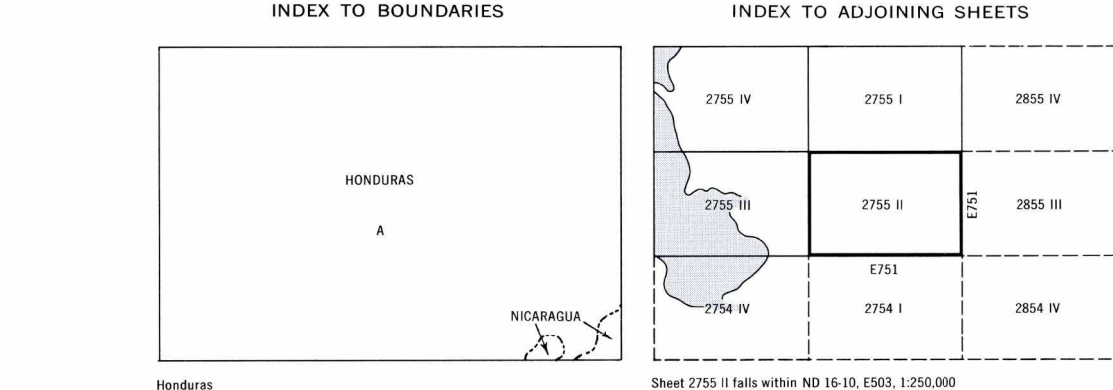
GRID CONVERGENCE 0°02' 11" WEST FOR CENTER OF SHEET

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

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH  
SUBTRACT G-M ANGLE

ANNUAL MAGNETIC CHANGE IS NEGLIGIBLE

GRID NORTH  
MAGNETIC NORTH  
1980  
G-M ANGLE  
4" (70 MILS)  
1" = 60' (17.37 MILS)



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**GLOSSARY**

abandonado	abandoned
Alineamiento Aproximado	approximate alignment
Campo de aviación	airfield
Cerro	hill
Estero	stream
Hacienda	farm
Laguna	lake
localización aproximada	approximate location
Playa	wash
Quebrada	stream
Rio	stream

SANTA MARIA, HONDURAS; NICARAGUA

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