

Prepared by the U.S. Geological Survey for Publication by the National Imagery and Mapping Agency

MAP INFORMATION AS OF 1995

LEGEND

POPULATED PLACES
 Density built-up areas
 Sparingly to moderately built-up areas
 All weather, hard surface
 Two or more lanes wide
 One lane wide
 All weather, loose or light surface
 Two or more lanes wide
 One lane wide

ROADS
 Divided highway
 All weather, hard surface
 Two or more lanes wide
 One lane wide
 All weather, loose or light surface
 Two or more lanes wide
 One lane wide

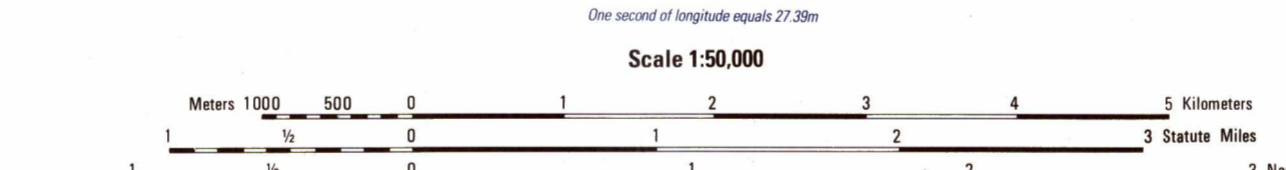
RAILROADS
 Normal gauge 1.44m (4 ft 9 in)
 Narrow gauge 0.91m (3 ft)
 Electrified

BRIDGES
 Pedestrian
 Standard

MISCELLANEOUS CULTURAL FEATURES
 Cemetery
 Church
 Building: School, Hospital
 Located object: Tank, Well
 Mine: Active, Abandoned
 Area name: Calallen

OBSTRUCTIONS
 Elevation of obstruction top above sea level
 Elevation of obstruction top above ground level
 High tension power line; communication tower
 BOUNDARIES
 International
 First-order administrative division
 RELIEF
 Bluff, cliff, escarpment
 Depression
 Level: Sand
 Spot elevations: Highest: Normal
 DRAINAGE
 Stream: Less than 25m wide
 Over 25m wide
 Lake/pond
 Spring
 Well
 Ditches: Less than 25m wide
 Over 25m wide
 Tank
 Dissipating stream
 Land subject to inundation
 VEGETATION
 Woodland
 Scrub: Scattered trees
 Orchard: Swamp

NOTES
 A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE
 ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.
 IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED
 CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN
 SLOPES ON THIS MAP ARE LESS THAN 5%



ELEVATIONS IN METERS
CONTOUR INTERVAL 5 METERS

ELLIPTICOID: WORLD GEODETIC SYSTEM 1984
 GRID: 1,000-METER UTM ZONE 14 (BLACK NUMBERED LINES)
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929
 HORIZONTAL DATUM: WORLD GEODETIC SYSTEM 1984
 PREPARED BY: U.S. GEOLOGICAL SURVEY
 PRINTED BY: NIMA 6-99

CONVERSION GRAPH
 (1 meter = 3.28 feet)

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 SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
 Example: PR123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
 Example: 14RPR123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-8889. COMMERCIAL: 1-314-269-5022. DSN: 490-5022. OR WRITE TO: ATTN: CDD, MARK STOP P-17, NATIONAL IMAGERY AND MAPPING AGENCY, 4806 SANGANDROE ROAD, BETHESDA, MD 20816-5003.

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BOUNDARIES

ADJOINING SHEETS

6440 III 6440 II 6440 I
 6439 IV 6439 I
 6439 III 6439 II 6439 I

ELEVATION GUIDE

GRID CONVERGENCE
 679' (111' MKS)
 FOR CENTER OF SHEET

1995 G-M ANGLE
 51° (100 MKS)

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

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

THIS MAP IS RED AND BLUE/GREEN LIGHT READABLE

USGS 27087-G5-TM-050
 NIMA REF. NO. V782X64391
 NSN 7643014585270
 ED. NO. 002