

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

MAP INFORMATION AS OF 1995

LEGEND

NOTES

- POPULATED PLACES**
 - Densely built-up areas
 - Sparsely to moderately built-up areas
 - 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
 - Fair or dry weather, loose surface
 - Track
 - Railroads
 - Normal gauge 1.4m (4'6")
 - Narrow gauge 0.91m (3')
 - Electrified
 - BRIDGES
 - Federated
 - Standard
 - Culvert
 - MISCELLANEOUS CULTURAL FEATURES
 - Church
 - Cemetery
 - Building, School, Hospital
 - Local object, Tank, Well
 - Mon. Active, Abandoned
 - Area name
 - Santa Anna
- 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
 - Levee, Sand
 - Spot elevations
 - DRAINAGE
 - Stream
 - Less than 25m wide
 - Over 25m wide
 - Lake/pond
 - Spring
 - Ditch
 - Less than 25m wide
 - Over 25m wide
 - Tank
 - Land subject to inundation
 - VEGETATION
 - Woods
 - Scrub, Scattered trees
 - Orchard, Vineyard

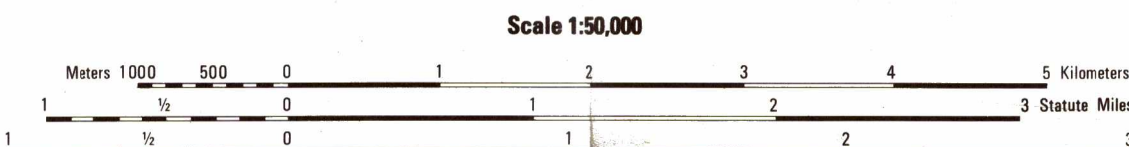
A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE.

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.

THE NUMBER IN BRACKETS, FOLLOWING THE POPULATED PLACE NAME INDICATES THAT MORE THAN ONE PLACE IS SO NAMED ON THIS MAP.



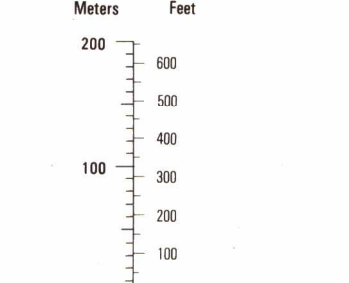
ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS
SUPPLEMENTARY CONTOURS 5 METERS

ELIPSOID _____ WORLD GEODETIC SYSTEM 1984
GRID _____ 1,000-METER UTM ZONE 14 (BLACK NUMBERED LINES)
5,000-METER STATE GRID TICKS, TEXAS SOUTH ZONE
PROJECTION _____ TRANSVERSE MERCATOR
VERTICAL DATUM _____ NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM _____ WORLD GEODETIC SYSTEM 1984
PREPARED BY _____ U.S. GEOLOGICAL SURVEY
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CONVERSION GRAPH



SAMPLE 1,000 METER GRID SQUARE

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: NQ123456

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

Example: 14RND123456

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-6889; COMMERCIAL: 314-263-4884; FAX: 633-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: IS, MAIL STOP 1-68, 4000 SANGHARSH ROAD, BETHESDA, MD 20816-0001.

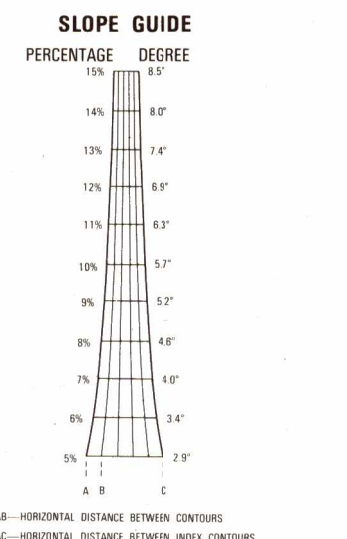
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GRID CONVERGENCE 3"10 (3 MILS) FOR CENTER OF SHEET

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

THIS MAP IS RED- AND BLUE/GREEN-LIGHT READABLE



BOUNDARIES ADJOINING SHEETS

| | | | |
|--------------------------------------|----------|---------|-----------|
| UNITED STATES TEXAS Santa Anna | 6237 IV | 6237 I | 6237 V |
| | 6237 III | 6237 II | 6237 IIII |
| | 6237 II | 6237 I | 6237 IV |

