



Prepared and published by the Defense Mapping Agency  
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ELEVATIONS IN METERS  
CONTOUR INTERVAL 10 METERS  
SUPPLEMENTARY CONTOURS 5 METERS

- LEGEND**  
MAP INFORMATION AS OF 1977  
ON THIS MAP, A LANE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 2.5 METERS (8 FEET) IN WIDTH IN DEVELOPED AREAS. ONLY THROUGH ROADS ARE CLASSIFIED.
- ROADS**
    - Divided highway with median strip
    - Single track
    - 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
  - RAILROADS** (Standard gauge 1.46m (4'8 1/2"))
    - Multiple track
    - Multiple track, non-operating
    - Multiple track, open
    - Railroad station: Position known, Position unknown
    - Car line
  - BOUNDARIES**
    - State, territory
    - County, parish, municipio
    - Civil township, precinct, town, barrio
    - Incorporated city, village, town, hamlet
    - Reservation: National, state, military
    - Power transmission line
  - Buildings or structures**
    - Church, school
    - Watermill, wind pump
    - Mine, vertical shaft
    - Mine, horizontal shaft
    - Open pit mine or quarry: Active, inactive
    - Horizontal control station
    - Bench mark, monumented
    - Bench mark, non-monumented
    - Spot elevations in meters: Checked, unchecked
    - Woodland
    - Scattered trees, scrub
    - Vineyard, orchard
    - Intermittent lake
    - Intermittent stream, dam
    - Marsh or swamp
    - Rapids, falls
    - Large rapids, large falls

Spheroid: CLARKE 1866  
GRID: 1,000 METER UTM, ZONE 15  
PROJECTION: TRANSVERSE MERCATOR  
VERTICAL DATUM: NATIONAL GEODETIC DATUM OF 1929  
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM  
CONTROL BY: USGS, USACE AND LOUISIANA GEODESIK SURVEY  
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**100 METER REFERENCE**

- Read large numbers labeling the VERTICAL grid (number of point and estimate tenth) (100 meters) from grid to point. Example: 12 3
- Read large numbers labeling the HORIZONTAL grid line below point and estimate tenth (100 meters) from grid to point. Example: 45 6

Example: 12345.6

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

Example: 15RVE12345.6

**ELEVATION GUIDE**

**ADJOINING SHEETS**

7347 I	7447 IV	7447 I
7347 II	7447 III	7447 II
7346 I	7446 IV	7446 I

**BOUNDARIES**

THIS MAP IS RED-LIGHT READABLE

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-858-6868, COMMERCIAL: 214-261-4864, OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-8, 8800 SANGAMORE ROAD, BETHESDA, MD 20815-5002.

**GRID CONVERGENCE**  
0.4' (1.2 M) FOR CENTER OF SHEET

1975 G-M ANGLE 51° (100 MIL)

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

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