



Prepared by the U. S. Geological Survey for publication by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D. C.

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
- Primary, all weather, hard surface
- Secondary, all weather, hard surface
- Light duty, all weather, hard or improved surface
- Fair or dry weather, hard or improved surface
- Trail
- Route markers: Interstate, Federal, State
- Bridge: With superstructure, Without superstructure
- RAILROADS (Standard gauge 1.44m - 4'8 1/2")
- Single track
- Multiple track
- Nonoperating
- Railroad station, location known, location unknown
- Car line
- Railroad bridge: With superstructure, Without superstructure
- Tunnel: Highway, Railroad

BOUNDARIES

- Scattered trees, scrub
- State, territory
- County, parish
- Civil township, town
- Incorporated city, village, town
- Reservation: National, State, Military

Other Symbols:

- Power transmission line
- Buildings
- Structures
- Church, school
- Power substation
- Windmill, watermill
- Well, tank
- Open pit mine or quarry
- Horizontal control station
- Bench mark, monument
- Bench mark, non-monumented
- Spot elevations in meters
- Leaves, rims, dikes
- Bulfs, cliffs
- Woodland
- Scattered trees, scrub
- Vineyard, orchard, plantation
- Interrittent lake, dam, earthen, masonry
- Stream, perennial, intermittent
- Marsh, swamp
- Small rapids, small falls
- Large rapids, large falls

Scale 1:50,000

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ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS

SPHEROID CLARKE 1866
GRID 1000-METER UTM ZONE 17 (BLACK NUMBERED LINES)
 10,000-METER UTM ZONE 18 (BLUE NUMBERED TICKS)
 10,000-FOOT STATE GRID TICKS, FLORIDA (NORTH ZONE)
VERTICAL DATUM GEORGIA (WEST ZONE)
HORIZONTAL DATUM TRANSVERSE MERCATOR
CONTROL 1927 NORTH AMERICAN DATUM
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100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line set of point and stroke length (100 meters) from grid line to point. Example: 12 35

2. Read large numbers labeling the HORIZONTAL grid line set of point and stroke length (100 meters) from grid line to point. Example: 45 0

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT IDENTIFICATION. Example: 123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES. PREFIX THE GRID ZONE DESIGNATION. Example: 17R123456

CONVERSION GRAPH
1 meter = 3.28 feet
Meters Feet

ELEVATION GUIDE

ADJOINING SHEETS

BOUNDARIES

UTM ZONE 17

UTM ZONE 18

1980 G.M. ANGLE 1° 14' (44.9655)

GRID CONVERGENCE 172.0 (METERS) FOR CENTER OF SHEET

TO CONVERT A MAGNETIC ANGLE TO A GRID ANGLE: SUBTRACT G.M. ANGLE

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

1980 G.M. ANGLE 21° 14' (44.9655)

GRID CONVERGENCE 172.0 (METERS) FOR CENTER OF SHEET

TO CONVERT A MAGNETIC ANGLE TO A GRID ANGLE: SUBTRACT G.M. ANGLE

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

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NSA OPERATIONAL HELP DESK: 1-800-800-COMMERCIAL/1-202-486-8501/88-486 OR WRITE TO DIRECTOR, NATIONAL GEOSPATIAL INTELLIGENCE AGENCY, ATTN: E.G. MAIL STOP 4-400 DAMASKOVIC ROAD, BETHESDA, MD 20815-8001