



Prepared and published by the National Imagery and Mapping Agency

LEGEND
MAP INFORMATION AS OF 1978

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, unimproved 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
- Can line
- Tunnel, highway, Railroad

BOUNDARIES

- National, with monument
- State, territory
- County, parish
- City, township, town
- Incorporated city, village, town
- Reservation, National, State, Military

Other Features:

- Power transmission line
- Buildings
- Structure, School
- Power substation
- Windmill, Watermill
- Well, Tank
- Mine shaft
- Open pit mine or quarry
- Horizontal control station
- Bench mark, monument
- Bench mark, non-monumented
- Spot elevation in meters
- Leaves, rills, dikes
- Bluffs, cliffs
- Woodland
- Scattered trees, Scrub
- Vineyard, Orchard, plantation
- Intelligent Lake Dam, Earthfill, Masonry
- Stream, Perennial, Intermittent
- Marsh, swamp
- Small rapids, Small falls
- Large rapids, Large falls

Scale 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers

0 1 2 3 4 5 Statute Miles

0 1 2 3 Nautical Miles

NOTES

THE ONLY CHANGE TO THIS EDITION IS THE REGRIDDING FROM NAD83 TO WGS84/NAD83. NOTE THE NEW WGS84/NAD83 COORDINATE VALUES FOR THE CORNER TIES.

THE NORTH AMERICAN DATUM 1983 (NAD 83) AND THE WORLD GEODETIC SYSTEM 1984 DATUM (WGS 84) ARE EQUIVALENT FOR MAPING, CHARTING AND NAVIGATION AT THIS SCALE.

ON THIS MAP, A LAKE IS GENERALLY CONSIDERED AS BEING A MINIMUM OF 25 METERS (8 FEET) IN WIDTH.

IN DEVELOPED AREAS, ONLY THROUGH ROADS ARE CLASSIFIED.

CONTOUR INTERVAL 10 METERS

ELIPSOID: GEODETIC REFERENCE SYSTEM 1980
 1000 METER UTM ZONE 18 (BLACK NUMBERED LINES)
 1000 FOOT STATE GRID TICS (FLORIDA NORTH ZONE)
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: SEA LEVEL DATUM OF 1929
 HORIZONTAL DATUM: WGS84/NAD83
 CONTROL BY: USGS, NGS/NOAA
 PRINTED BY: NIMA, 06-00

COORDINATE CONVERSION FROM WGS84 TO NAD 27:
 Grid: Subtract 1 m E, Subtract 20m N.
 Geographic: Add 0.2 Long, Subtract 0.9 Lat.

CONVERSION GRAPH
 1 meter = 3.28 feet
 Meters 0 100 200 300
 Feet 0 100 200 300

ELEVATION GUIDE

ADJOINING SHEETS

BOUNDARIES

LEGEND

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid from grid line to point. 12 3

2. Read large numbers labeling the HORIZONTAL grid from point to grid line. 45 6

Example: 123456

WHEN REPORTING OUTSIDE THE 100,000 METER SQUARE AREA IN WHICH THE POINT USES, PREFIX THE 100,000 METER SQUARE IDENTIFICATION. Example: FVFK 400

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT USES, PREFIX THE GRID ZONE DESIGNATION. Example: 18RUY123456

GRID CONVERGENCE
 (G-T ANGLE)
 0°57' (17 MILS)
 FOR CENTER OF SHEET

2000
 G-M ANGLE
 3 1/2' (93 MILS)

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

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

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Meters 0 100 200 300

Feet 0 100 200 300

WGS84/NAD83

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