



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

MAP INFORMATION AS OF 1998

**LEGEND**

**POPULATED PLACES**  
 Densely built-up areas  
 Sparingly built-up areas  
 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 1.46m (4'8 1/2")  
 Narrow gauge 0.91m (3'0")

**BRIDGES**  
 Pedestrian  
 Standard  
 Located object: Tank, Well  
 Mine: Active, Abandoned  
 New name

**OBSTRUCTIONS**  
 Obstruction of obstruction top above sea level  
 Obstruction 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  
 Highest, Normal  
 "BM 7"  
 DRAINAGE  
 Streams  
 Less than 25m wide  
 Over 25m wide  
 Lake/pond  
 Spring  
 Well  
 Ditches  
 Less than 25m wide  
 Over 25m wide  
 Bank  
 Disappearing 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.  
 NORTH AMERICAN DATUM 1983 (NAD 83) AND WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.  
 SLOPES ON THIS MAP ARE LESS THAN 5%.

Scale 1:50,000

Meters 1000 500 0 1 2 3 4 5 Kilometers  
 1 2 3 4 5 Nautical Miles

**ELEVATIONS IN METERS**  
**CONTOUR INTERVAL 5 METERS**

ELLIPSOID: WORLD GEODETIC SYSTEM 1984  
 GRID: 1,000-METER UTM ZONE 17 (BLACK NUMBERED LINES); 5,000-METER STATE GRID TICKS; FLORIDA (EAST ZONE)  
 PROJECTION: TRANSVERSE MERCATOR  
 VERTICAL DATUM: NATIONAL GEODETIC DATUM OF 1929  
 HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983/WORLD GEODETIC SYSTEM 1984  
 PREPARED BY: U.S. GEOLOGICAL SURVEY  
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**CONVERSION GRAPH**  
 (1 meter = 3.28 feet)  
 Meters: 0, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000  
 Feet: 0, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

**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 GRID, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.  
 Example: 17RKC123456  
 WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.  
 Example: 17RKC123456

**GRID CONVERGENCE**  
 0'10" (3 MILS) FOR CENTER OF SHEET  
 1983 G-M ANGLE 41° (80 MILS)  
 TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT 0-M ANGLE  
 TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD 0-M ANGLE

**BOUNDARIES**  
 Florida  
 Palm Beach County

**ADJOINING SHEETS**  
 4837 I, 4837 II, 4837 III, 4837 IV, 4838 I, 4838 II, 4838 III, 4838 IV

**ELEVATION GUIDE**  
 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000