

**HYDROGRAPHIC DATUM . . . . . MEAN LOWER LOW WATER**

Depth curves (meters)	—
Foreshore flats	—
Rocks awash	—
Wreck: Exposed	—
Wharf: Pier	—
Piling: Sea wall	—
Sounding: Light	—

Prepared and published by the National Geospatial-Intelligence Agency  
MAP INFORMATION AS OF 2003

**LEGEND**

**POPULATED PLACES**  
Densely built-up areas  
Sparsely to moderately built-up areas

**ROADS**  
All weather, hard surface:  
Divided highway  
Two or more lanes wide  
One lane wide  
All weather, loose surface:  
Two or more lanes wide  
One lane wide  
Fair or dry weather, loose surface  
Track, Trail  
Route markers: International  
National, Secondary  
RAILROADS  
Normal gauge 1.44m (4' 8 1/2")  
Single Track  
Multiple Track  
Electrified

**BOUNDARIES**  
International  
First-order  
Second-order  
Reservation or Park

**MISCELLANEOUS CULTURAL FEATURES**  
Building; Ruler; School  
Church  
Cemetery  
Hospital; Heliport  
Cistern; Tank; Located object  
Well; Landmark area  
Artificial Dam  
Mine: Active; Abandoned  
Bridge: Pedestrian bridge

**OBSTRUCTIONS (16m or higher)**  
Elevation of obstruction top above sea level  
Elevation of obstruction top above ground level  
High tension powerlines  
Catenary powerlines

**DRAINAGE**  
Stream:  
Less than 25m wide  
25m wide or more  
Ditch:  
Less than 25m wide  
Spring  
Well  
Lake/pond  
Swamp; Land subject to natural inundation

**MISCELLANEOUS RELIEF**  
Spot elevation: Highest; Normal  
Control Point: Benchmark: Horizontal  
Horizontal with Benchmark  
Depression  
Escarpment  
Liquor  
Supplementary contour  
Sand; Gravel; Distorted surface

**VEGETATION**  
Woodland  
Savanna; Orchard  
Scattered trees

**NOTES**

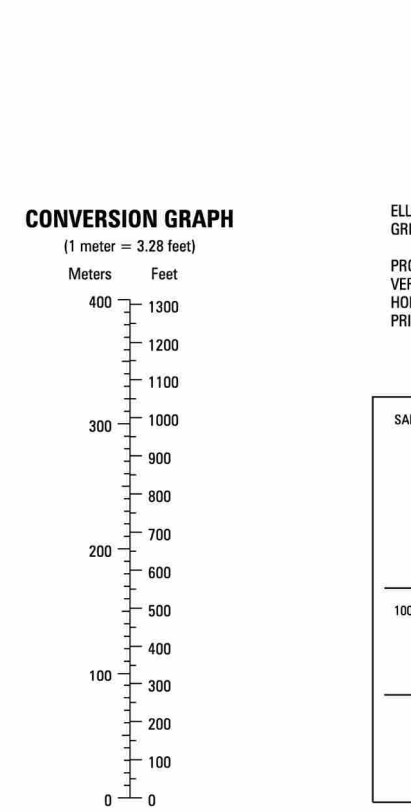
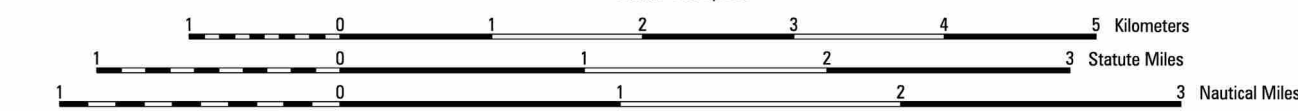
ALANES ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE. ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.

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%.



**ELLIPSOID** . . . . . WORLD GEODETIC SYSTEM 1984  
**GRID** . . . . . 1,000-METER UTM ZONE 18 (BLACK NUMBERED LINES)  
**PROJECTION** . . . . . 5,000-METER STATE GRID TICKS, NORTH CAROLINA TRANSVERSE MERCATOR  
**VERTICAL DATUM** . . . . . NORTH AMERICAN VERTICAL DATUM OF 1929  
**HORIZONTAL DATUM** . . . . . NORTH AMERICAN DATUM 1983/WORLD GEODETIC SYSTEM 1984  
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**100 METER REFERENCE**

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

Example: 123456

**100,000 M. SQUARE IDENTIFICATION**

When reporting ACROSS a 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: 18S

**GRID ZONE DESIGNATION**

When reporting OUTSIDE the GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.

Example: 18TQJ2456

