

Prepared and published by the National Geospatial-Intelligence Agency

MAP INFORMATION AS OF 2003

LEGEND

POPULATED PLACES
 Densely built-up areas
 Sprawl to moderately built-up areas

ROADS
 All weather, hard surface
 Divided highway
 Fair or dry weather, loose surface
 Fair or dry weather, loose surface
 Track
 Trail
 Route markers: Interstate, National, Secondary

RAILROADS
 Normal gauge 1.44m
 Single Track
 Multiple Track

BOUNDARIES
 International
 First-order
 Second-order
 Reservation or Park

MISCELLANEOUS CULTURAL FEATURES
 Building, Ruin, School
 Church
 Cemetery
 Hospital, Helipad
 Cairn, Tank, Located object
 Well, Landmark area
 Airfield, Dam
 Mine: Active, Abandoned
 Bridge, Pedestrian bridge

OBSTRUCTIONS (146m or higher)
 Elevation of obstruction top above sea level
 Elevation of obstruction top above ground level
 High tension powerlines
 Catenary powerlines

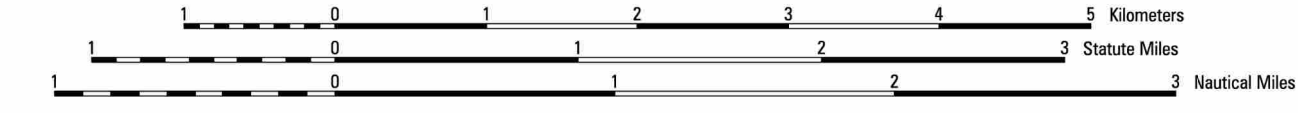
DRAINAGE
 Stream: Less than 25m wide, 25m wide or more
 Ditch: Less than 25m wide
 Spring
 Well
 Lake/pond
 Swamp, Land subject to national jurisdiction

MISCELLANEOUS RELIEF
 Spot elevation: Highest, Normal
 Control Point: Benchmark, Horizontal, BM21, BM22
 Horizontal with Benchmark
 Depression
 Escarpment
 Levee
 Supplementary contour
 Sand, Gravel, Disturbed surface

VEGETATION
 Wooded
 Scrub, Orchard
 Scattered trees

NOTES

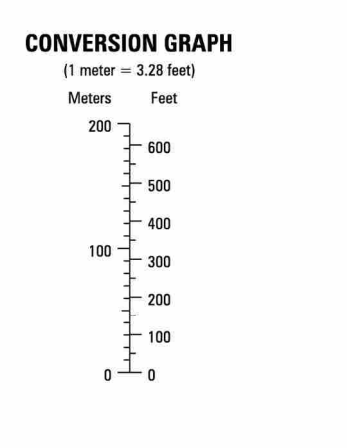
A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE.
 ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.
 IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.
 CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.
 NORTH AMERICAN DATUM 1983 (NAD 83) AND WORLD GEODETIC SYSTEM 1984 (WGS 84) ARE EQUIVALENT FOR MAPPING, CHARTING AND NAVIGATION AT THIS SCALE.
 SLOPES ON THIS MAP ARE LESS THAN 1%.



ELEVATIONS IN METERS

CONTOUR INTERVAL 10 METERS
 SUPPLEMENTARY CONTOURS 5 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984
 GRID: 1,000-METER UTM ZONE 18 (BLACK WILDERNESS) 5,000-METER STATE GRID TICKS, NORTH CAROLINA
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1929
 HORIZONTAL DATUM: NORTH AMERICAN DATUM 1983/WORLD GEODETIC SYSTEM 1984
 PRINTED BY: NGA 2-08



100-METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and determine the (100 meters) from grid line to point: 12.3

2. Read large numbers labeling the HORIZONTAL grid line below point and determine the (100 meters) from grid line to point: 45.6

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, WHEN THE 100-METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.

Example: 100123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFER THE GRID ZONE DESIGNATION.

Example: 1800123456

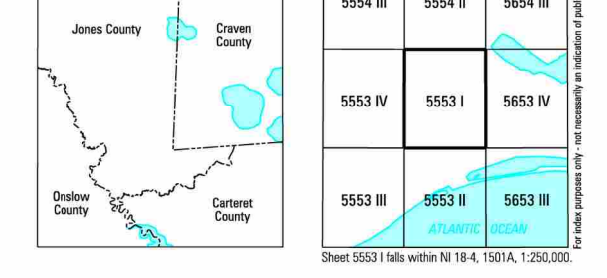
2005 G.M. ANGLE 8.1° (150 MILS)

GRID CONVERGENCE 1'13" (21 MILS) FOR CENTER OF SHEET

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT 8.1 M. ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH ADD 8.1 M. ANGLE

BOUNDARIES **ADJOINING SHEETS**



ELEVATION GUIDE

