

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

**LEGEND**

**POPULATED PLACES**  
 Densely built-up areas  
 Sparingly 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: Interstate, National, Secondary  
**RAILROADS**  
 Normal gauge 1.4m  
 Single Track  
 Multiple Track  
 Described

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

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

**OBSTRUCTIONS (46m or higher)**  
 Elevation of obstruction top above sea level  
 Elevation of obstruction top above ground level  
 High tension powerlines  
 Cemetery powerlines

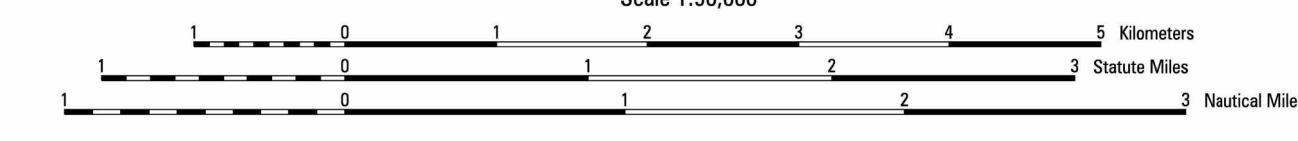
**DRAINAGE**  
 Stream: Perennial, Intermittent  
 Less than 25m wide  
 25m wide or more  
 Ditch: Less than 25m wide  
 Spring  
 Well  
 Lake/pond  
 Swamp: Land subject to natural inundation

**MISCELLANEOUS RELIEF**  
 Spot elevation: Highest, Normal  
 Control Point: Benchmark: Horizontal  
 Horizontal with Benchmark  
 Depression  
 Escarpment  
 Levee  
 Supplementary contour

**VEGETATION**  
 Sand, Gravel, Disturbed surface  
 Woodland  
 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 5%.



**ELEVATIONS IN METERS**

**CONTOUR INTERVAL 10 METERS**  
 SUPPLEMENTARY CONTOURS 5 METERS

**CONVERSION GRAPH**  
 (1 meter = 3.28 feet)

**ELIPSOID**  
 WORLD GEODETIC SYSTEM 1984 GRID  
 1,000-METER UTM ZONE 18 (BLACK NUMBERED LINES)  
 1,000-METER UTM ZONE 17 (BLUE NUMBERED TICKS)  
 TRANSVERSE MERCATOR  
 VERTICAL DATUM  
 NORTH AMERICAN DATUM OF 1929  
 HORIZONTAL DATUM  
 NORTH AMERICAN DATUM 1983/WORLD GEODETIC SYSTEM 1984  
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**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. Example: 123.4

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

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES. Example: 18S123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION. Example: 18SD 123456

**BOUNDARIES**  
 Jones County  
 Onslow County

**ADJOINING SHEETS**

5454 II	5454 III	5554 III
5453 IV	5453 I	5553 IV
5453 III	5453 II	5553 III

**ELEVATION GUIDE**