

PRODUCED BY THE U. S. GEOLOGICAL SURVEY

Base map prepared by Defense Mapping Agency by photogrammetric methods from 1:24,000, 1:50,000 and 1:62,500-scale maps dated 1921-52. Field checked 1953. Revised by the Geological Survey from aerial photographs taken 1978 and other source data. Revised information not field checked. Map edited 1980.

Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 17. 100,000-foot grid ticks based on North Carolina coordinate system and Virginia coordinate system, south zone, 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 12 meters south and 22 meters west.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

There may be private inholdings within the boundaries of the National or State reservations shown on this map.

POPULATED PLACES

Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

ROADS

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

RAILROADS

Standard gauge
Narrow gauge
Intermodal
State
County
Park or reservation

BOUNDARIES

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods brushwood

LEGEND

Figures in red denote approximate distances in miles between stars

Landmark: School, Church, Other, etc.
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

Scale 1:250,000

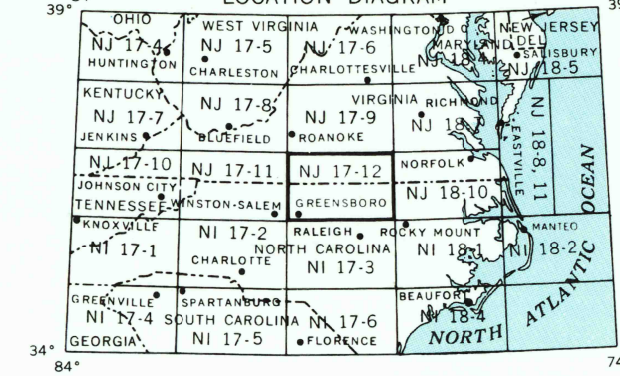
0 5 10 15 20 25 30
Statute Miles
0 5 10 15 20 25 30
Kilometers
0 5 10 15 20 25 30
Nautical Miles

CONTOUR INTERVAL 100 FEET WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

1980 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 54° (100 MILES WESTERLY FOR THE CENTER OF THE WEST EDGE TO 7° (120 MILES WESTERLY FOR THE CENTER OF THE EAST EDGE)

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 17 FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

LOCATION DIAGRAM



GRID ZONE DESIGNATION

17S
100,000 M. SQUARE IDENTIFICATION

PL	QL
NK	PK
NR	QR

1. Read letters designating 100,000 meter square in which the point lies.
2. Look for vertical and horizontal margin, or on the line itself.
3. Locate first horizontal grid line labeling the line either in the left or right margin, or on the line itself. Estimate tenths from grid line to point.

IGNORE THE SMALLER FIGURE of any grid number; these are for finding the full number; the ONLY THE LARGER FIGURE of the grid number.

SAMPLE REFERENCE
If reporting beyond 18° in any direction, prefix grid zone designation, as: 17SPJ625

5250
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U.S. GEOLOGICAL SURVEY
NATIONAL MAPS DIVISION