



Prepared by the U.S. Army Topographic Command (KCLD), Washington, D.C. Compiled in 1959 by photogrammetric methods and from United States quadrangles 1:24,000 and 1:25,000, 1937-56. Planimetry revised in part from aerial photographs taken 1952-56. Map field annotated 1957. Revised in 1972 by the U.S. Geological Survey from aerial photographs taken 1972.

Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 16. 100,000-foot grid ticks based on Tennessee and North Carolina coordinate systems, 1927 North American datum. Topographic on the predicted North American datum 1983 move the projection lines 5 meters south and 5 meters west.

Area covered by dashed light-blue hatching is to be submerged.

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.

**LEGEND**

Figures in red denote approximate distances in miles between stars.

**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**

- Single track Double or Multiple
- Standard gauge
- Narrow gauge

**BOUNDARIES**

- International
- State
- County
- Park or reservation

**Other Features**

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods/brushwood
- Mine
- Landmark: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

**Scale 1:250,000**

0 5 10 15 20 Statute Miles

0 5 10 15 20 Kilometers

**CONTOUR INTERVAL 100 FEET**

WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 1° (20 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 1° (20 MILES) WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

**LOCATION DIAGRAM**

ILLINOIS NI 16-2	INDIANA NI 16-3	KENTUCKY NI 16-4	MISSISSIPPI NI 16-5	ALABAMA NI 16-6	GEORGIA NI 16-7	WEST VIRGINIA NI 17-1	KENTUCKY NI 17-2	VIRGINIA NI 17-3	NORTH CAROLINA NI 17-4	SOUTH CAROLINA NI 17-5	FLORIDA NI 17-6
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**GRID ZONE DESIGNATION**

16S

**UNIQUE M SQUARE IDENTIFICATION**

EQ FQ GQ

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS**

**SAMPLE POINT: GRAYSVILLE**

1. Read letters identifying 100,000 meter square in which the point lies.

2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line within the left or bottom margin, or on the line itself.

3. Locate first HORIZONTAL grid line to point: point and read LARGE figure labeling the line within the top or right margin, or on the line itself.

Estimate tenths from grid line to point.

**SAMPLE REFERENCE**

16S162424

**USGS**

**Topographic Division**

**FEB 13 1980**