



Prepared by the Army Map Service (AM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1949 from United States Quadrangles, 1:24,000, 1:62,500, 1:100,000 and 1:250,000 U. S. Geological Survey and Corps of Engineers, 1890-1947; County Highway Maps, 1938-1947; and intelligence data to 1949. Planimetric detail partially revised by photo-planimetric methods. Aerial photography, 1935-44. Road, railroad and aeronautical data verified by State Authorities 1951. Control by U. S. Coast and Geodetic Survey, U. S. Geological Survey and Corps of Engineers.

100,000-foot grids based on Tennessee and North Carolina coordinate systems.

10,000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue.

**LEGEND**

**ROAD DATA 1951**

**POPULATED PLACES**

Small: less than 500  
500,000 or over

**RAILROADS**

Single track  
Multiple track  
Standard gauge  
Narrow gauge  
International boundary  
State boundary  
County boundary  
Park and reservation

**Spot elevation in feet**

1000 or less  
1000 to 5000  
5000 to 10000  
10000 to 15000  
15000 to 20000  
20000 or over

**Old Dominion**

Dirt road; Trail  
Stowell Route markers: Federal; State

**1:22 Woodland**

Intermittent stream  
Swamp, marsh  
Reef; Limit of danger line  
Rocks wash; Wharf, pier  
Foreshore flats

**BOSTON**

**RICHMOND**

**ALEXANDRIA**

**Marion**

Scale 1:250,000

0 5 10 15 20 Miles

0 5 10 15 20 25 30 Kilometers

CONTOUR INTERVAL 100 FEET

DATUM IS MEAN SEA LEVEL

TRANSVERSE MERCATOR PROJECTION

1827 NORTH AMERICAN DATUM

1945 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 7°41' EASTERLY FOR THE CENTER OF THE SHEET TO 10°10' WESTERLY FOR THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLECTABLE.

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

LOCATION DIAGRAM FOR NI 16-3

ILLINOIS NI 15-1 NI 15-2 NI 15-3 NI 15-4 NI 15-5 NI 15-6 NI 15-7 NI 15-8 NI 15-9 NI 15-10 NI 15-11 NI 15-12 NI 15-13 NI 15-14 NI 15-15 NI 15-16 NI 15-17 NI 15-18	MISSISSIPPI NI 16-1 NI 16-2 NI 16-3 NI 16-4 NI 16-5 NI 16-6 NI 16-7 NI 16-8 NI 16-9 NI 16-10 NI 16-11 NI 16-12 NI 16-13 NI 16-14 NI 16-15 NI 16-16 NI 16-17 NI 16-18	KENTUCKY NI 17-1 NI 17-2 NI 17-3 NI 17-4 NI 17-5 NI 17-6 NI 17-7 NI 17-8 NI 17-9 NI 17-10 NI 17-11 NI 17-12 NI 17-13 NI 17-14 NI 17-15 NI 17-16 NI 17-17 NI 17-18	WEST VA. NI 18-1 NI 18-2 NI 18-3 NI 18-4 NI 18-5 NI 18-6 NI 18-7 NI 18-8 NI 18-9 NI 18-10 NI 18-11 NI 18-12 NI 18-13 NI 18-14 NI 18-15 NI 18-16 NI 18-17 NI 18-18
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**RELIABILITY DIAGRAM**

Interior-Geological Survey, Washington, D. C. 1960  
MR 3778

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

CHATTANOOGA, UNITED STATES

NOV - 2 1950

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