



Prepared by the Army Map Service (AM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1951 from United States Quadrangles, 1:24,000, 1:62,500, U. S. Geological Survey, 1915-47; County Highway Maps, 1938-47. Planimetric detail partially revised by photogrammetric methods. Control by USGS, TVA, and CE. Roads, railroad and aeronautical data verified by state authorities, 1954.

**LEGEND**

**ROAD DATA 1954**

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

**POPULATED PLACES**

**BOSTON**  
**RICHMOND**  
**ALEXANDRIA**  
**Morristown**

Normal gauge  
Narrow gauge  
International boundary  
State boundary  
County boundary  
Park and reservation

Landplane airport  
Seaplane airport  
Woods/brushwood

Hard surface, heavy duty road, more than two lanes wide  
Hard surface, heavy duty road, two lanes wide  
Hard surface, medium duty road, more than two lanes wide  
Hard surface, medium duty road, two lanes wide  
Improved light duty road  
Unimproved dirt road; Trail  
Stowell

Spot elevation in feet  
Depth curves in fathoms  
Swamp, marsh  
Reef; Limit of danger  
Intermittent stream  
Rocks; Awash; Sunk  
Foreshore flat

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 Nautical Miles

CONTOUR INTERVAL 100 FEET

TRANSVERSE MERCATOR PROJECTION

100,000 FOOT GRID BASED ON KENTUCKY COORDINATE SYSTEM, SOUTH ZONE, NORTH CAROLINA COORDINATE SYSTEM, TENNESSEE COORDINATE SYSTEM, AND VIRGINIA COORDINATE SYSTEM, SOUTH ZONE

1950 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM NEGLIGIBLE FOR THE CENTER OF THE WEST ZONE TO 17° WEST FOR THE CENTER OF THE EAST ZONE. MEAN ANNUAL CHANGE 15" WEST.

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

LOCATION DIAGRAM FOR NJ 17-10

INDIANA	OHIO	WEST VIRGINIA
NJ 16-6	NJ 17-4	NJ 17-6
NJ 16-5	NJ 17-3	NJ 17-5
NJ 16-4	NJ 17-2	NJ 17-4
NJ 16-3	NJ 17-1	NJ 17-3
NJ 16-2	NJ 17-0	NJ 17-2
NJ 16-1	NJ 16-9	NJ 17-1
NJ 16-0	NJ 16-8	NJ 17-0
NJ 15-9	NJ 16-7	NJ 16-9
NJ 15-8	NJ 16-6	NJ 16-8
NJ 15-7	NJ 16-5	NJ 16-7
NJ 15-6	NJ 16-4	NJ 16-6
NJ 15-5	NJ 16-3	NJ 16-5
NJ 15-4	NJ 16-2	NJ 16-4
NJ 15-3	NJ 16-1	NJ 16-3
NJ 15-2	NJ 16-0	NJ 16-2
NJ 15-1	NJ 15-9	NJ 16-1
NJ 15-0	NJ 15-8	NJ 16-0
NJ 14-9	NJ 15-7	NJ 15-9
NJ 14-8	NJ 15-6	NJ 15-8
NJ 14-7	NJ 15-5	NJ 15-7
NJ 14-6	NJ 15-4	NJ 15-6
NJ 14-5	NJ 15-3	NJ 15-5
NJ 14-4	NJ 15-2	NJ 15-4
NJ 14-3	NJ 15-1	NJ 15-3
NJ 14-2	NJ 15-0	NJ 15-2
NJ 14-1	NJ 14-9	NJ 15-1
NJ 14-0	NJ 14-8	NJ 15-0
NJ 13-9	NJ 14-7	NJ 14-9
NJ 13-8	NJ 14-6	NJ 14-8
NJ 13-7	NJ 14-5	NJ 14-7
NJ 13-6	NJ 14-4	NJ 14-6
NJ 13-5	NJ 14-3	NJ 14-5
NJ 13-4	NJ 14-2	NJ 14-4
NJ 13-3	NJ 14-1	NJ 14-3
NJ 13-2	NJ 14-0	NJ 14-2
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NJ 13-0	NJ 13-8	NJ 14-0
NJ 12-9	NJ 13-7	NJ 13-9
NJ 12-8	NJ 13-6	NJ 13-8
NJ 12-7	NJ 13-5	NJ 13-7
NJ 12-6	NJ 13-4	NJ 13-6
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NJ 12-0	NJ 12-8	NJ 13-0
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NJ 0-2	NJ 1-0	NJ 1-2
NJ 0-1	NJ 0-9	NJ 1-1
NJ 0-0	NJ 0-8	NJ 1-0

RELIABILITY DIAGRAM

Good Fair Poor

Information is available

Area of dense vegetation

Large scale topographic map, photogrammetric, 1938-47

Large scale topographic map, controlled ground survey, 1915-26

Medium scale topographic map, photogrammetric, 1925-35

Planimetry revised from 1933/1947 aerial photography

USGS HISTORICAL FILE TOPOGRAPHIC DIVISION

JOHNSON CITY, TENN., VA., N.C., KY.

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