



V501
Edition 1-AMS

Prepared under the direction of the Chief of Engineers by the Army Map Service (AM), Corps of Engineers, Department of the Army, Washington, D. C. Compiled in 1947 from United States Quadrangles 1:250,000, 1:131,680, and 1:62,500, Corps of Engineers and U. S. Geological Survey, 1893, 1944; US&GS Charts, 1940-1945. Planimetric detail partially revised from aerial photography dated 1939-1944. Road, railroad, and airfield data verified by state authorities, 1947. Control by U. S. Coast and Geodetic Survey.

LEGEND
ROAD DATA 1947

POPULATED PLACES
Small: Large built-up area
500,000 or over
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
1,000 or less

RAILROADS
Standard gauge
Narrow gauge
BOUNDARIES
International
State
County
Park and reservation
Horizontal control point
Spot elevation in feet

Hard surface, heavy duty road, more than two lanes wide
Hard surface, heavy duty road, two lanes wide
Hard surface, medium duty road, two lanes wide
Hard surface, medium duty road, one lane wide
Loose surface, graded and drained road
Old Dominion Dirt road, Trail
Stowell Route markers: Federal; State

3 LANES, 4 LANES
2 LANES, 2 LANES
1 LANE, 1 LANE
1 LANE, 1 LANE
1 LANE, 1 LANE
1 LANE, 1 LANE
1 LANE, 1 LANE

Principal navigation light
Military airfield
Municipal or commercial airfield
Auxiliary airfield
Seaplane base
Seaplane anchorage

Falls; Rapids
Intermittent stream
Swampy marsh
Reef; Limit of danger line
Rocky shoals; Wharf, pier
Foresore flats

SCALE 1:250,000

CONTOUR INTERVAL 100 FEET
TRANSVERSE MERCATOR PROJECTION

BLUE NUMBERED LINES INDICATE THE 10 000 METER UNIVERSAL TRANSVERSE MERCATOR GRID. ZONE 18
THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

1947 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 9°00' WESTERLY FOR THE CENTER OF THE WEST EDGE TO 11°15' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLECTABLE.

BEFORE USING THIS MAP OR INFORMATION ON THIS MAP, THE USER IS ADVISED TO READ THE INSTRUCTIONS TO THE USER, WHICH ARE PRINTED ON THE REVERSE OF THE MAP, AND TO BE AWARE THAT THE MAP IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS DESIGNED.

GRID ZONE DESIGNATION: 18T
18T 0000 0000 0000 0000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: 18T 0000 0000 0000 0000

1. Read letters identifying 10000 meter square in which the point lies.
2. Look first VERTICAL, and then to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.
3. Look first HORIZONTAL, and then to BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.
4. Estimate route from grid line to point.
5. Estimate route from grid line to point.

SAMPLE REFERENCE: 18T 0000 0000 0000 0000

IF MEASURING DISTANCE IN METERS, prefix Grid Zone Designation, as in brackets, prefix Grid Zone Designation, as in brackets, prefix Grid Zone Designation, as in brackets.

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COVERAGE DIAGRAM

LOCATION DIAGRAM FOR NK 18-11

COMPILED METHODS

NEWARK, NEW JERSEY; PENNSYLVANIA

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