



Prepared by the U.S. Army Topographic Command (KCI), Washington, D.C. Compiled in 1961 by photogrammetric methods and from United States quadrangles 1:24,000, 1:25,000, 1:31,680, 1:50,000, and 1:62,500, 1931-56. Planimetry revised from aerial photographs taken 1956-58. Map field checked 1962. Revised in 1974 by the U.S. Geological Survey from aerial photographs taken 1972.

100,000-foot grids based on Pennsylvania coordinate system, north zone

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

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
- Normal gauge
- Narrow gauge

BOUNDARIES

- International
- State
- County
- Park or reservation

Other Features

- Landplane airport
- Landing area
- Seaplane airport
- Orchard
- Woods/brushwood
- 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 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 Nautical Miles

CONTOUR INTERVAL 100 FEET
WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 18

870 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 8° 04' 00" WESTERLY FOR THE CENTER OF THE WEST EDGE TO 30° 08' 00" WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM

The diagram shows a grid of map sheets. The current sheet, NK 18-7, is highlighted. It is located in the eastern part of the United States, between Pennsylvania and New York, and between 41° and 43° North latitude and 76° and 78° West longitude.

USGS NHD HISTORICAL MAP

SEP 07 1988

REC'D FILE COPY

GRID ZONE DESIGNATION

18T

100,000 M. SQUARE IDENTIFICATION

TB	UB	VB
TA	UA	VA

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

SAMPLE POINT: ANNOT

1. Read letters identifying 100,000 meter squares on which the point lies

2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin

3. Estimate tenths from grid line to point

4. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself

5. Estimate tenths from grid line to point

IGNORE THE SMALLER figures of any grid number; these are for locating the full coordinates. Use ONLY the LARGER figure of the grid number.

example: 4550000

SAMPLE REFERENCE:

18T URB2314

18TUB2314