



Prepared by the U.S. Army Topographic Command (KC), 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 geoidetic control established by government agencies is shown on corresponding 1:250,000-scale Geoidetic 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
- Interchange

RAILROADS

- Normal gauge
- Narrow gauge
- Landplane airport
- Landing area
- Seaplane airport
- Orchard
- Intermittent or dry stream
- Woods-brushwood
- Power line

BOUNDARIES

- International
- State
- County
- Park or reservation

Other Symbols:

- Route markers: Interstate, U.S., State
- Mile
- 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 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

1970 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 8° 14' 00" WESTERLY FOR THE WEST EDGE TO 10° 18' 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

GRID ZONE DESIGNATION: 18T

100,000 M. SQUARE IDENTIFICATION

TB	UB	VB	UB
TA	UA	VA	VA
30	40	40	40

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

2. Locate grid vertical grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.

3. Estimate tenths from grid line to point.

4. Locate grid horizontal grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.

5. Estimate tenths from grid line to point.

6. Combine the letters and figures to give the full coordinates. Use ONLY the LARGER figure of the grid number.

7. If reporting beyond 10' in any direction, prefix Grid Zone Designation, as: 18TUB2314

WILLIAMSPORT, PENNSYLVANIA; NEW YORK 1962

REVISED 1974