

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
25,000 to 500,000
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
State
County
Park or reservation

BOUNDARIES

International
State
County
Park or reservation

Other

Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

WATER

Lake
Reservoir
River
Stream
Canal
Swamp
Marsh
Woods
Brushwood

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

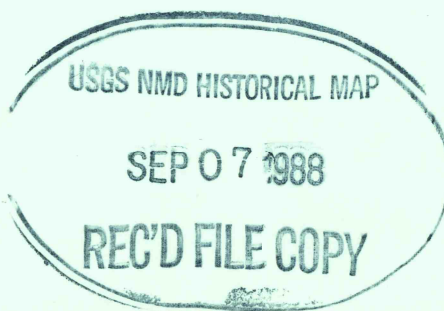
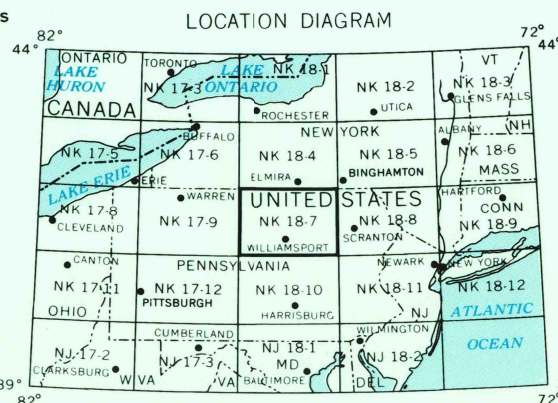
0 5 10 15 20 25 30 Nautical Miles

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° 04' 00" WESTERLY FOR THE CENTER OF 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



GRID ZONE DESIGNATION				TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS			
100,000 M. SQUARE IDENTIFICATION				SAMPLE POINT: ARNOT			
TB	UB	VB	40	1	2	3	4
TA	UA	VA	30	40			
4550000				18102314			

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

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

3. Estimate tenths from grid line to point.

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

5. Estimate hundredths from grid line to point.

6. Combine figures to give full coordinates. Example: 4550000 18102314

7. If reporting beyond 1000 m in any direction, prefix Grid Zone Designation, as:

WILLIAMSPORT, PENNSYLVANIA; NEW YORK
1962
REVISED 1974