



V501, EDITION 3

Prepared by the U.S. Army Topographic Command (TPC), Washington, D.C. Compiled in 1947 from United States quadrangle 1:25,000, 1:31,680, and 1:62,500, 1893-1944; USGS charts, 1940-45. Planimetry revised in part from aerial photographs taken 1939-44. Revised by the U.S. Geological Survey 1969.

Selected hydrographic data compiled from USCGS charts. This information is not intended for navigational purposes.

100,000-foot grid based on New Jersey coordinate system, and Pennsylvania coordinate system south and north zones.

Location of geographic 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

RAILROADS

Single track Double or Multiple

Narrow gauge

BOUNDARIES

International

State

County

Park or reservation

Mine

Spot elevation in feet

ROADS

Primary, all-weather, hard surface

Secondary, all-weather, hard surface

Light-duty, all-weather, improved surface

Fair or dry weather, unimproved surface

Trail

Interchange

Route markers: Interstate, U.S., State

Landmark: School, Church, Other

Depth curve in feet

Limit of danger: Reef

Rocks: Awash

Foreshore flat:

Intermittent or dry stream:

Woods: brushwood, Marsh or swamp

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

TRANSVERSE MERCATOR PROJECTION

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

1985 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 8° 16' 00" WESTERLY FOR THE CENTER OF THE WEST EDGE TO 11° 12' 00" WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

LOCATION DIAGRAM

GRID ZONE DESIGNATION: 18T

10,000 M. SQUARE IDENTIFICATION

VA	WA
17.6	18.5
17.9	18.8
18.1	19.1
18.4	19.4
18.7	19.7
19.0	20.0
19.3	20.3
19.6	20.6
19.9	20.9
20.2	21.2
20.5	21.5
20.8	21.8
21.1	22.1
21.4	22.4
21.7	22.7
22.0	23.0

1. Read letters identifying 100,000 meter squares in 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, or on the left margin.

3. Estimate tenths from grid line to point: line either in the top or bottom margin, or on the left margin.

4. Read first HORIZONTAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the left margin.

5. Estimate tenths from grid line to point: line either in the top or bottom margin, or on the left margin.

6. Combine figures to give 10-digit grid coordinate.

7. If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 18TUV588

NEWARK, N.J.; PA., N.Y.

1944

REVISED 1969

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