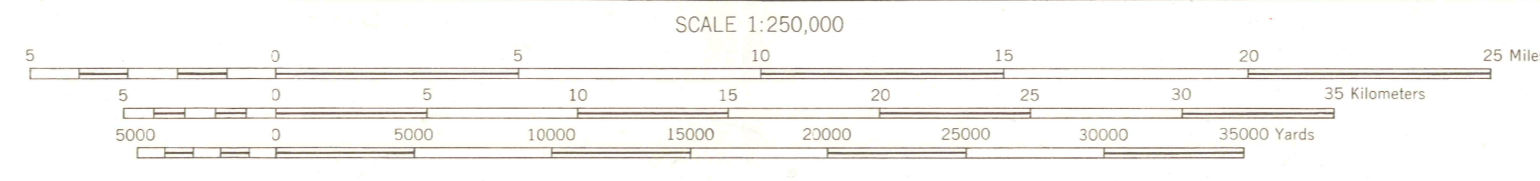


V501
Edition 1-AMS

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 1:25,000, 1:31,680, and 1:50,000, Corps of Engineers and U. S. Geological Survey, 1892, 1944; USCGS 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.



7-60 PRINTED BY ARMY MAP SERVICE, CORPS OF ENGINEERS

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

LEGEND

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

Stowell

Route markers: Federal; State

Single track

Multiple track

Woods brushwood

Mine

Principal navigation light

Falls; Rapids

Intermittent stream

Spring; marsh

Municipal or commercial airfield

Auxiliary airfield

Limit of danger line

Rocks awash; Wharf, pier

Foreshore flats

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 9°15' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLECTABLE.

GREEN NOTCH CROSS OR CROSSING ON THIS MAP ARE USED TO MARK OBSCURE AND FORWARD DIRECTLY TO CORRESPONDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

GRID ZONE DESIGNATION	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS
10,000 M. SQUARE IDENTIFICATION	SAMPLE POINT - RESERVATION
VA WA	WV
VV WW	WV
50	50
10000	10000

1. Read letters identifying 10,000 meter squares in which the point lies.

2. Look for VERTICAL grid line to left of point and read LARGE figure labeling the line within the top or bottom margin of the map sheet.

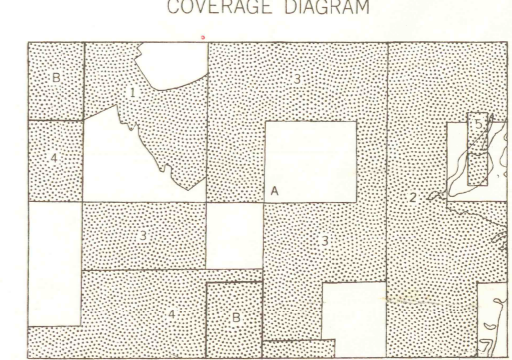
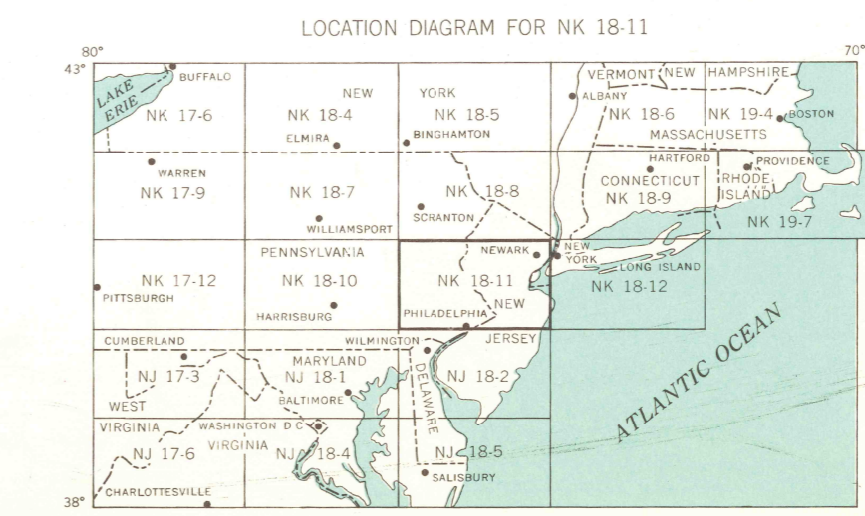
3. Estimate tenths from grid line to point.

4. Look for HORIZONTAL grid line below point and read LARGE figure labeling the line within the left or right margin of the map sheet.

5. Estimate tenths from grid line to point.

SAMPLE REFERENCE: WV 50 10000

If crossing marked 10 in green direction, prefix Grid Zone Designation, as: WV5008



COMPILATION METHODS

Photostereoscopic

Photogrammetric

Map

A. Large scale topographic maps, 1939-1944, reliability good.

B. Large scale topographic maps, 1905-1939, reliability fair.

Date of aerial photography: 1-1939; 2-1940; 3-1942; 4-1943; 5-1944

NEWARK, NEW JERSEY; PENNSYLVANIA

STOCK NO. V501XNK1811