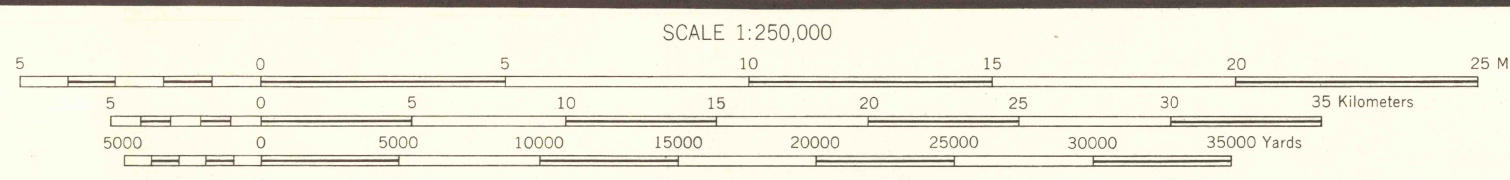


V501
Edition 1-AMS
Prepared under the direction of the Chief of Engineers by the Army Map Service (AM), Corps of Engineers, Department of the Army, Washington, D. C. Compiled in 1947 from United States Quadrangles 1:25,000, 1:31,680, and 1:62,500, Corps of Engineers and U. S. Geological Survey, 1893, 1944; USGS Charts, 1940-1949. 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.



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LEGEND
ROAD DATA 1947

Small Large built-up area	Hard surface, heavy-duty road, more than two lanes wide	1 LANE & 2 LANE
500,000 or over	Hard surface, heavy-duty road, two lanes wide	2 LANE & 4 LANE
100,000 to 500,000	Hard surface, medium-duty road, more than two lanes wide	2 LANE & 4 LANE
25,000 to 100,000	Hard surface, medium-duty road, two lanes wide	2 LANE & 4 LANE
5,000 to 25,000	Loose surface, graded and drained road	
1,000 to 5,000	Old Dominion Dirt road	
1,000 or less	Stowell Route markers: Federal, State	

RAILROADS
Standard gauge Single track Multiple track Woods/bushwood
Narrow gauge Mine

BOUNDARIES
International Principal navigation light
State Military airfield
County Municipal or commercial airfield
Park and reservation Auxiliary airfield
Horizontal control point Sepsitone base
Spot elevation in feet Sepsitone anchorage

INDEX TO BOUNDARIES

Pennsylvania Counties	1. Adams	23. Madison
1. Allegheny	11. Berks	24. Mercer
2. Armstrong	12. Berks	25. Monmouth
3. Bedford	13. Berks	26. Ocean
4. Bedford	14. Berks	27. Passaic
5. Berks	15. Berks	28. Passaic
6. Berks	16. Berks	29. Passaic
7. Berks	17. Berks	30. Passaic
8. Berks	18. Berks	31. Passaic
9. Berks	19. Berks	
10. Berks	20. Berks	
11. Berks	21. Berks	
12. Berks	22. Berks	

**CONTOUR INTERVAL 100 FEET
TRANSVERSE MERCATOR PROJECTION**

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID. ZONE 18 IS THE LAST FOUR DIGITS OF THE GRID NUMBER AND OMITTED.

1947 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 7°00' WESTERLY FOR THE CENTER OF THE WEST EDGE TO 11°15' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLIGIBLE.

USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE REQUESTED TO MARK HEREON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

GRID ZONE DESIGNATION: 18T

100,000 M SCALE IDENTIFICATION

VA	WA	40
W	WV	50

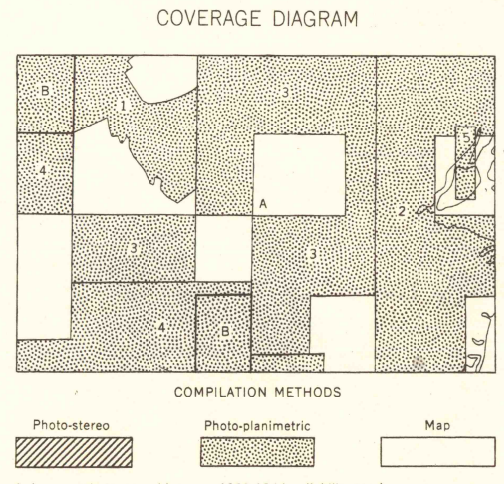
TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

SAMPLE POINT IDENTIFICATION

- Read letters identifying 100,000 meter square in which the point lies.
- Letter first letter, get line to LEFT of point and read LARGE figure bounding the line either in the top or bottom margin of the line itself.
- Letter first letter, get line to RIGHT of point and read LARGE figure bounding the line either in the top or bottom margin of the line itself.
- Combine letters from step 1 to give line to point.
- Combine figures from step 2 to give line to point.
- Repeat figures from step 4 in any direction, giving line to nearest 100 meters.

EXAMPLE REFERENCE:
If repeating figure 17 in any direction, point first line to nearest 100 meters.

LOCATION DIAGRAM FOR NK 18-11



United States. Topo. 1:250,000
sheet newark, 1957.
cop. 1.