EASTERN UNITED STATES 1:250,000



Prepared under the direction of the Chief of Engineers by the Army Map Service (AM), Corps of Engineers, Depart-ment 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; USC&GS Charts, 1940–1945. Plani-metric 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.

LEGEND

		END ATA 1947		INDEX TO BOUNDARIES
POPULATED PLACES Small; Large built-up area		Hard surface, heavy duty road, more than two lanes wide	3 LANES 4 LANES	
500,000 or over		Hard surface, heavy duty road, two lanes wide Hard surface, medium duty road, more than two lanes wide Hard surface, medium duty road,	3 LANES 14 LANES	
25,000 to 100,000	ALEXANDRIA Marion	two lanes wide		6 PENNSYLVANIA 19 20 NEW JERSE
1,000 to 5,000 1,000 or less		Dirt road; Trail Route markers: Federal; State		5 11 1-5-7
RAILROADS Single		Woods-brushwood	Ç Ç	
BOUNDARIES		Mine	Falls	Pennsylvania Counties 12. Delaware 1. Luzerne 13. Philadelphia
State	Military airfield	light ★ Falls; Rapids ♀ Intermittent stream		2. Schuylkill New Jersey Counties 3. Carbon 14. Warren 4. Monroe 15. Sussex
County		Ó		5. Berks 16. Morris 6. Lehigh 17. Passaic 7. Northampton 18. Bergen 8. Lancaster 19. Hunterdon
Horizontal control point Spot elevation in feet			Mud Sand	9. Chester 20. Somerset 10. Montgomery 21. Union 11. Bucks 22. Essex

23, Hudson 24, Mercer 25, Middlesex 26, Monmouth 27, Burlington 28, Ocean New York Countie 29, Richmond 30, Kings 31, New York









CONTOUR INTERVAL 100 FEET TRANSVERSE MERCATOR PROJECTION

BLACK 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 11°15' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS NEGLIGIBLE. USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE URGED 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: GRID ZONE DESIGNATION: 100,000 M. SQUARE IDENTIFICATION SAMPLE POINT: FRENCHTOWN

 100,000 M. SQUARE IDENTIFICATION

 VA
 WA

 VV
 WV

 50

 IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 4430000
 1. Read letters identifying 100,000 meter square in which the point iters:
 VV

 SAMPLE PUINT: FREMCHIUWN

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

 1. Read letters identifying 100,000 meter square in which the point indirection on the line itself:
 VV

 1. Locate first VERTICAL grid line to point:
 3. Locate first HORIZONTAL grid line ELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself:

 Estimate tenths from grid line to point:

 SAMPLE REFERENCE:

 Frequencies

 MARGER figure of the grid number;

 WARGER figure of the grid number;

 Barnel: 4430000

18TVV9586

NEW NK 18-4 NK 18-5 ELMIRA WARREN NK 17-9 NK 18-7 PENNSYLVANI NK 17-12 NK 18-10 SBURGH

SERIES V501 SHEET NK 18-II EDITION 1-AMS

REFER TO THIS MAP AS: NK 18-11 SERIES V501







COVERAGE DIAGRAM

A. Large scale topographic maps, 1939-1944, reliability god. B. Large scale topographic maps, 1893-1899, reliability fair. Dates of aerial photography: 1-1939; 2-1940; 3-1942; 4-1933; 5-1944 United States. Topo. 1:250,0000 sheet newark, 1957, NEWARK, UNITED STATES cop. 1.