WILMINGTON

EDITION 2—AMS

NJ 18-2
A.M.S. SERIES V501

U. S. GEOLOGICAL SURVEY
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A.M.S. V501
Edition 2-AMS (First printing, 5-55)

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 1946 from United States Quadrangles, 1:25,000, 1:31,680 and 1:62,500, Corps of Engineers and U.S. Geological Survey, 1919-45; USC&GS Charts, 1936-44; Airman's Guide, Civil Aeronautics Authority, 1946. Planimetric detail partially revised from aerial photography dated 1943. Road data verified by state authorities. Control by U.S. Coast and Geodetic Survey. Major roads and Universal Transverse Mercator Grid values revised by AMS, 1954.

LEGEND
ROAD DATA 1947

POPULATED PLACES
Small; Large built-up area
500,000 or over — BOSTON
100,000 to 500,000 — RICHMOND
25,000 to 100,000 — ALEXANDRIA
5,000 to 25,000 — Marion
1,000 to 5,000 — Old Dominion
1,000 or less — Stowell

RAILROADS
Standard gauge — Single track — Multiple track
Narrow gauge

BOUNDARIES
International
State
County
Park and reservation
Horizontal control point
Spot elevation in feet

Hard surface, heavy duty road, more than two lanes wide — 2 LANES | 4 LANES
Hard surface, heavy duty road, two lanes wide
Hard surface, medium duty road, more than two lanes wide — 2 LANES | 4 LANES
Hard surface, medium duty road, two lanes wide
Loose surface, graded and drained road
Dirt road; Trail
Route markers: Federal; State

Woods-brushwood
Mine

Principal navigation light
Military airfield
Municipal or commercial airfield
Auxiliary airfield
Seaplane base
Seaplane anchorage

Falls; Rapids
Intermittent stream
Swamp, marsh
Reef; Limit of danger line
Rocks awash; Wharf, pier
Foreshore flats

INDEX TO BOUNDARIES

Pennsylvania Counties
1. Lancaster
2. Chester
3. Delaware
4. Montgomery
5. Philadelphia
Maryland Counties
6. Cecil
7. Kent
8. Queen Annes
9. Caroline
Delaware Counties
10. New Castle
11. Kent
New Jersey Counties
12. Camden
13. Burlington
14. Ocean
15. Gloucester
16. Salem
17. Cumberland
18. Atlantic
19. Cape May

Scale 1:250,000

5 0 5 10 15 20 25 Miles
5 0 5 10 15 20 25 30 35 Kilometers
5000 0 5000 10000 15000 20000 25000 30000 35000 Yards

CONTOUR INTERVAL 100 FEET. WITH AUXILIARY CONTOURS AT 50 FOOT INTERVALS
DATUM IS MEAN SEA LEVEL

TRANSVERSE MERCATOR PROJECTION
1927 NORTH AMERICAN DATUM

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

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 8°15' WESTERLY FOR THE CENTER OF THE WEST EDGE TO 10°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: 18S
100,000 M. SQUARE IDENTIFICATION

VV	WV
VU	WU

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number, example: 432000m.

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: FORT DELAWARE

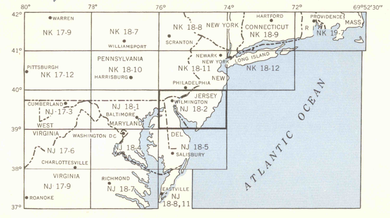
1. Read letters identifying 100,000 meter square in which the point lies: VU
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: Estimate tenths from grid line to point: 5
1. Locate first HORIZONTAL grid line BELOW 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: 1

SAMPLE REFERENCE: VU5182

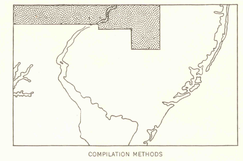
If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 18SVU5182

United States. Topo. 1:250,000.
sheet Wilmington, 1955.
cop. 1.

LOCATION DIAGRAM FOR NJ 18-2



COVERAGE DIAGRAM



COMPILATION METHODS
Photo-stereo — Photo-planimetric — Map

A. Large scale topographic maps, 1919-1945, reliability good.
Date of aerial photography: 1943.

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~~WILMINGTON, UNITED STATES~~