

(HAMBURG)
1:62,500

PENNSYLVANIA 1:31,680

BERKS COUNTY

2 540 000 FT.
Pa. South

11° 10° 9° 8° 7° 6° 5°

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY
(ALLENTOWN W.)
1:62,500

FIRST EDITION - AMS 1

MANATAWNY QUADRANGLE
7.5 MINUTE SERIES

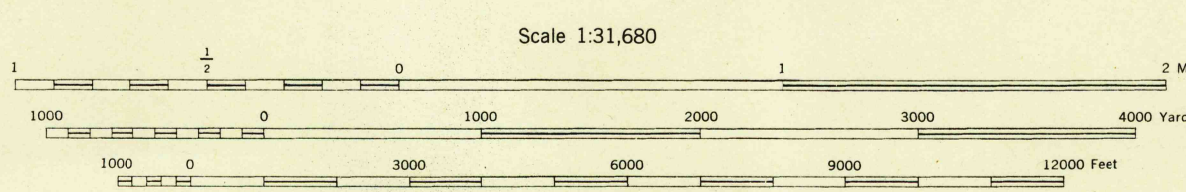
(ALLENTOWN W.)
1:62,500



(READING)
1:62,500

First Edition 1943
Prepared under the direction of the Chief of Engineers, U. S. Army, 1942-43.
Control by U.S.C. & G.S., U.S.G.S., U.S.E.D., S.C.S., Baker Engineering Co.,
and Aero Service Corp.
Topography by Aero Service Corp. (Brock Photogrammetric Method) Phila., Pa.
Polyconic Projection, North American Datum 1927.

ROAD CLASSIFICATION 1943
Dependable hard surface, heavy duty road. U. S. Route 160
Secondary, hard surface, all-weather road. State Route 30
More than two lanes indicated by note along road with tick at point of change. 3 LANE 4 LANE



ONE THOUSAND YARD GRID COMPUTED FROM GRID SYSTEM FOR PROGRESSIVE MAPS
IN THE U. S. ZONE X U. S. G. S. OFFICIAL PUBLICATION NO. 55
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED
THE STATE GRID IS INDICATED AT 500 FOOT INTERVALS
NOTE: OFFICERS USING THE MAP SHALL MAKE NECESSARY CORRECTIONS AND ADJUSTMENTS WHICH COME
TO THEIR ATTENTION AND MAIL DIRECT TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

USCS
Historical File
Topographic Division

APPROXIMATE MEAN DECLINATION 1943
FOR CENTER OF SHEET
NO ANNUAL MAGNETIC CHANGE
Use diagram only to obtain numerical values. To determine
magnetic north line, connect the point "P" on the
south edge of the map with the value of the angle between
GRID NORTH and MAGNETIC NORTH, as plotted on the
degree scale at the north edge of the map.

ARMY MAP SERVICE, U. S. ARMY, WASHINGTON, D. C. 107129
12-413 W.N.
1943
U. S. G. S.
FILE COPY
Inspection and Editing.

(SASSAMANSVILLE)

MANATAWNY, PA.
N4022.5-W7537.5/7.5