

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

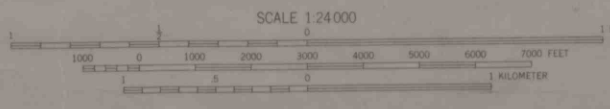
STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

PENNSYLVANIA
HOUTZDALE QUADRANGLE
7 1/2-MINUTE SERIES

PHILADELPHIA 4 1/2 MI.
PHILADELPHIA 2 1/2 MI.
PHILADELPHIA 1 1/2 MI.
PHILADELPHIA 1/2 MI.



Mapped by the Geological Survey
1944



Contour interval 20 feet
Datum is mean sea level

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

**FILE COPY
RETURN**

Heavy-duty — 4 LANE 1/2 LANE Light-duty
Medium-duty — 4 LANE 1/2 LANE Unimproved dirt
U. S. Route State Route

HOUTZDALE, PA.

N4045—W7815/7.5

1944

AMS 5365 IV SE—SERIES V831