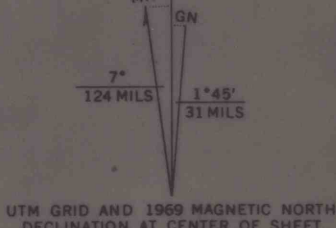


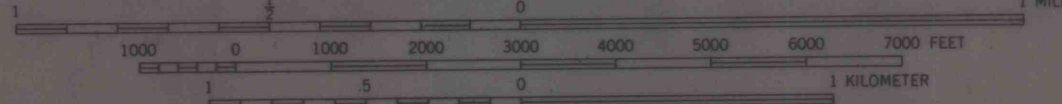


Maped by the Geological Survey  
1944

Revisions shown in purple compiled in cooperation with  
state of Pennsylvania agencies from aerial photographs  
taken 1969. This information not field checked



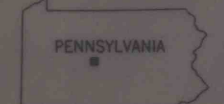
SCALE 1:24000



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

Polycyclic projection, 1927 North American datum  
5000 yard grid based on U. S. zone system, B  
10000 foot grid based on Pennsylvania (North)  
rectangular coordinate system  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue



HOUTZDALE, PA.

N4045-W7815/7.5

PHOTOGRAPHED 1969  
AMS 3365 IV SE-SERIES V831

ROAD CLASSIFICATION  
Heavy-duty ——— \*LANE 6 LANE Light-duty ———  
Medium-duty ——— \*LANE 6 LANE Unimproved dirt - - - - -  
U. S. Route State Route

IMAPS 18619