

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
TOPOGRAPHIC AND GEOLOGIC SURVEY

CARMAN QUADRANGLE  
PENNSYLVANIA  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SE/4 HALLTON 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1968. Field checked 1970

Polyconic projection. 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system, north zone  
1000-foot Universal Transverse Mercator grid ticks,  
zone 17, shown in blue

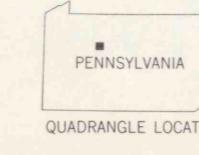
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1970 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

SCALE 1:24,000  
1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 1000 0 1000 2000 3000 4000 5000 6000 7000 METERS  
1 MILE  
1 5 0 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Unimproved road  
Interstate Route  
U.S. Route  
State Route

CARMAN, PA.  
SE/4 HALLTON 15' QUADRANGLE  
N4115—W7845/7.5

1970

AMS 5266 IV SE—SERIES V831

3-8.2

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