



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1967 and 1968. Field checked 1967

Polyconic projection. 1927 North American datum. 10,000-foot grid based on Pennsylvania coordinate system, north zone. 1000-meter 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

SCALE 1:24,000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

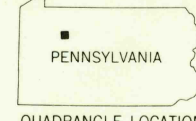
1 KILOMETER

UTM GRID AND 1967 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

ROAD CLASSIFICATION

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface	Unimproved road, fair or dry weather
State Route	



SIGEL, PA.
SE/4 MARIENVILLE 15' QUADRANGLE
N4115-W7900/7.5

1967

AMS 5166 I SE-SERIES V831

3625

SEP 20 1971

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION