



Mapped, edited, and published by the Geological Survey  
Control by USGS, USCGAS, and USCE  
Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1961  
Polyconic projection, 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system,  
south 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

ROAD CLASSIFICATION  
Heavy-duty — Light-duty  
Medium-duty — Unimproved dirt  
State Route

PENNSYLVANIA  
QUADRANGLE LOCATION

MATHER, PA.  
N 1/4 WAYNESBURG 15' QUADRANGLE  
N 3952.5-W 7952.5/7.5  
1961

Mapped, edited, and published by the Geological Survey  
Control by USGS, USCGAS, and USCE  
Topography by photogrammetric methods from aerial photographs  
taken 1962 and 1963. Field checked 1964  
Polyconic projection, 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system, south 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

ROAD CLASSIFICATION  
Heavy-duty — Light-duty  
Medium-duty — Unimproved dirt  
State Route

PENNSYLVANIA  
QUADRANGLE LOCATION

CARMICHAELS, PA.  
N 1/4 MASONTOWN 15' QUADRANGLE  
N 3952.5-W 7952.5/7.5  
1964

AMS 5063 IV NW-SERIES V81