



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1962. 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  
Red tint indicates areas in which only landmark buildings are shown  
To place on the predicted North American Datum 1983,  
move the projection lines 5 meters south and  
21 meters west as shown by dashed corner ticks

Map photoinspected 1981  
No major culture or drainage changes observed

SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled in cooperation with  
State of Pennsylvania agencies from aerial photographs  
taken 1972. This information not field checked  
Purple tint indicates extension of urban areas

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

JOHNSTOWN, PA.

40078-C8-1F-024  
PHOTOINSPECTED 1981  
1964  
PHOTOREVISED 1972  
DMA 5264 IV SW-SERIES V831

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