



Mapped, edited, and published by the Geological Survey

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Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1969

Polyconic projection. 10,000-foot grid ticks based on Pennsylvania coordinate system, north and south zones. 1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 20 meters west as shown by dashed corner ticks

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

Revisions shown in purple and woodland compiled in cooperation with Commonwealth of Pennsylvania agencies from aerial photographs taken 1977 and other sources. This information not field checked. Map edited 1981

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

1 142 MILES 1°07' 20 MILES

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET 1 MILE

1 5 10 15 20 KILOMETER

ROAD CLASSIFICATION

Primary highway, hard surface

Secondary highway, hard surface

Light-duty road, hard or improved surface

Unimproved road

Interstate Route

U. S. Route

State Route

PENNSYLVANIA

QUADRANGLE LOCATION

NEW BETHLEHEM, PA.

N4100—W7915/7.5

1969

PHOTOREVISED 1981

DMA 5165 III SE—SERIES V831

IMAPS18948