



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial photographs  
taken 1967. Field checked 1969  
Polyconic projection. 1927 North American datum  
10,000-foot grids based on Pennsylvania coordinate system, south  
and north zones  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
To place on the predicted North American Datum 1983  
move the projection lines 3 meters south and  
19 meters west as shown by dashed corner ticks  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked


UTM GRID AND 1979 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

124 MILLS  
1°01'  
18 MILLS

SCALE 1:24 000

1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 KILOMETER

CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface  
Secondary highway, hard surface  
Interstate Route  
U. S. Route  
State Route  
Light-duty road, hard or improved surface  
Unimproved road

USGS  
Historical File  
Topographic Division

TEMPLETON, PA.  
N4052.5—W7922.5/7.5  
1969  
PHOTOREVISED 1979  
DMA 5165 IV NW—SERIES V831

MAY - 9 1980  
1450

KITTANNING  
5000 N.E.

RURAL VALLEY  
5000 N.E.