



Produced by the U. S. Geological Survey  
Control by USGS and NOS/NOAA  
Compiled from imagery dated 1951. Photoinspected using  
imagery dated 1992, no major culture or drainage changes  
observed. PLS and survey control current as of 1996  
Boundaries and names revised 1994  
North American Datum of 1927 (NAD 27). Projection and  
10 000-foot ticks: Pennsylvania coordinate system, south zone  
(Lambert conformal conic)  
Blue 1000-meter Universal Transverse Mercator grid ticks, zone 18  
North American Datum of 1983 (NAD 83) is shown by dashed  
corner ticks. The values of the shift between NAD 27 and NAD 83  
for 7.5-minute intersections are obtainable from National Geodetic  
Survey NADCON software  
Unchecked elevations are shown in brown  
Revisions shown in purple compiled in cooperation with  
Commonwealth of Pennsylvania agencies from aerial photographs  
taken 1984 and other source data. This information not  
field checked. Map edited 1987

UTM GRID AND 1984 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24000  
1 1000 2000 3000 4000 5000 6000 7000 FEET  
1 5 0 1 KILOMETER  
CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

PENNSYLVANIA  
QUADRANGLE LOCATION

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

USGS AND HISTORICAL  
MAP ARCHIVES  
JAN 23 1995  
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LEOLA, PA.  
40076-A2-TF-024  
1992

DMA 5764 II SW-SERIES V831

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