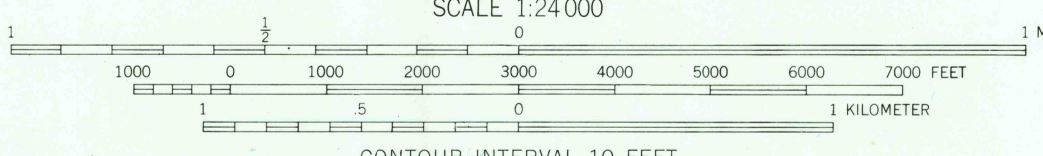
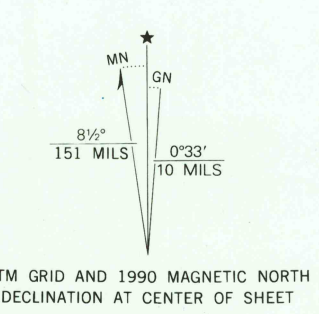
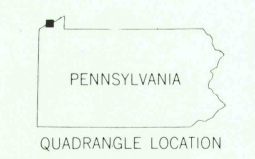
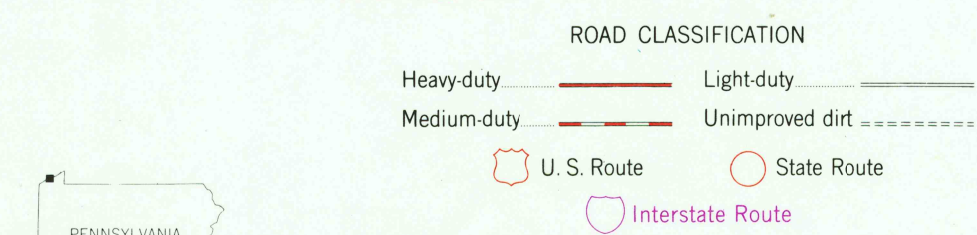


Mapped, edited and published by the Geological Survey
Control by USGS, USC&GS.
Topography from aerial photographs by ER-55
Aerial photographs taken 1955. Field check 1957
Hydrography compiled from U. S. Lake Survey charts 33
and 332 (1956). This information is not intended for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, north zone
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 1 meter south and
18 meters west as shown by dashed corner ticks
Red tint indicates area in which only landmark buildings are shown
There may be private inholdings within the boundaries of
the National or State reservations shown on this map



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET
REFERENCE LEVEL 568.6 FEET; INTERNATIONAL GREAT LAKES DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
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



SWANVILLE, PA.
42080-A2-TF-024
1957
PHOTOREVISED 1990
DMA 4968 II SW-SERIES V831

Revisions shown in purple and woodland compiled in cooperation
with Commonwealth of Pennsylvania agencies from aerial photographs
taken 1988 and other sources. This information not field checked
Map edited 1990
Purple tint indicates extension of urban areas

USGS NMD HISTORICAL MAP
MAR 15 1991
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