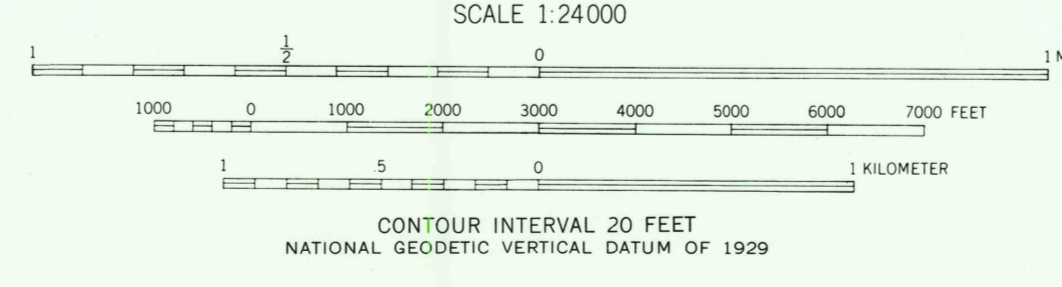
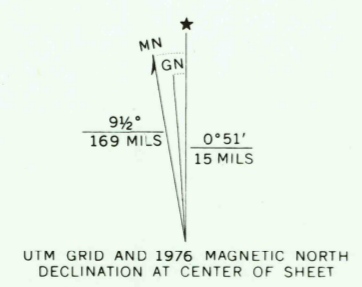


Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by planetable surveys 1944. Culture revised 1955
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue
Revisions shown in purple compiled in cooperation with
State of Pennsylvania agencies from aerial photographs
taken 1969 and 1976. This information not field checked
Map photospected 1983
No major culture or drainage changes observed



ROAD CLASSIFICATION

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

SWATARA HILL, PA.
SE/4 PINE GROVE 15' QUADRANGLE
N 4030—W 7615/7.5
PHOTOINSPECTED 1983
1955
PHOTOREVISED 1969 AND 1976
AMS 5765 III SE—SERIES V831

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 22082
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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