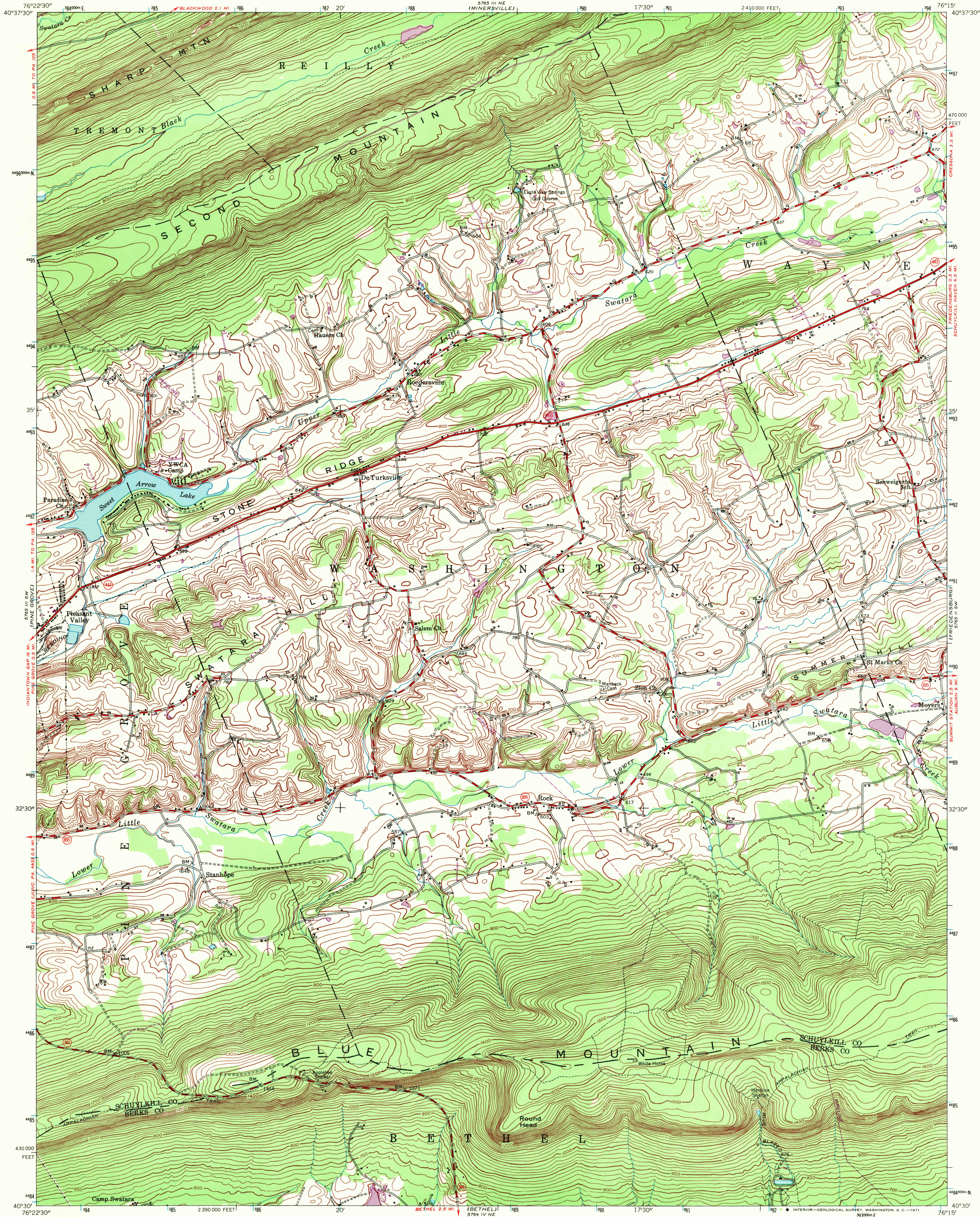


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SWATARA HILL QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE 1/4 PINE GROVE 15' QUADRANGLE



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

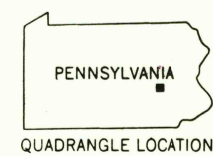
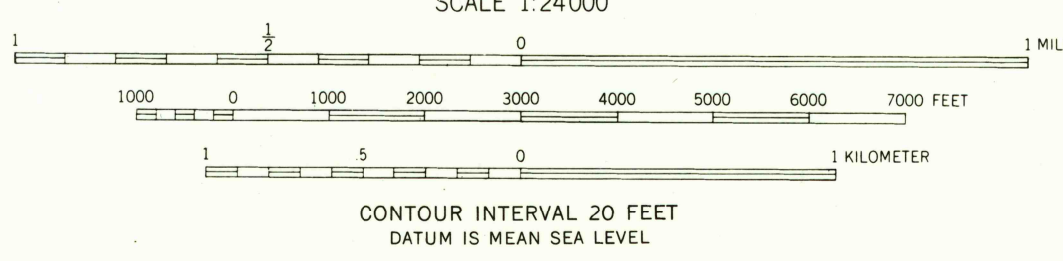
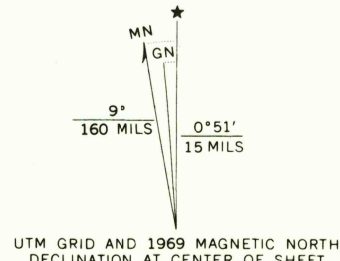
1000-meter Universal Transverse Mercator grid ticks,

zone 18, shown in blue

Revisions shown in purple compiled in cooperation with

State of Pennsylvania agencies from aerial photographs

taken 1969. This information not field checked



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

SWATARA HILL, PA.
SE 1/4 PINE GROVE 15' QUADRANGLE
N 4030—W 7615/7.5

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

1955
PHOTOREVISED 1969
AMS 5765 III SE—SERIES V831

2495
AUG 2 1971
USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION