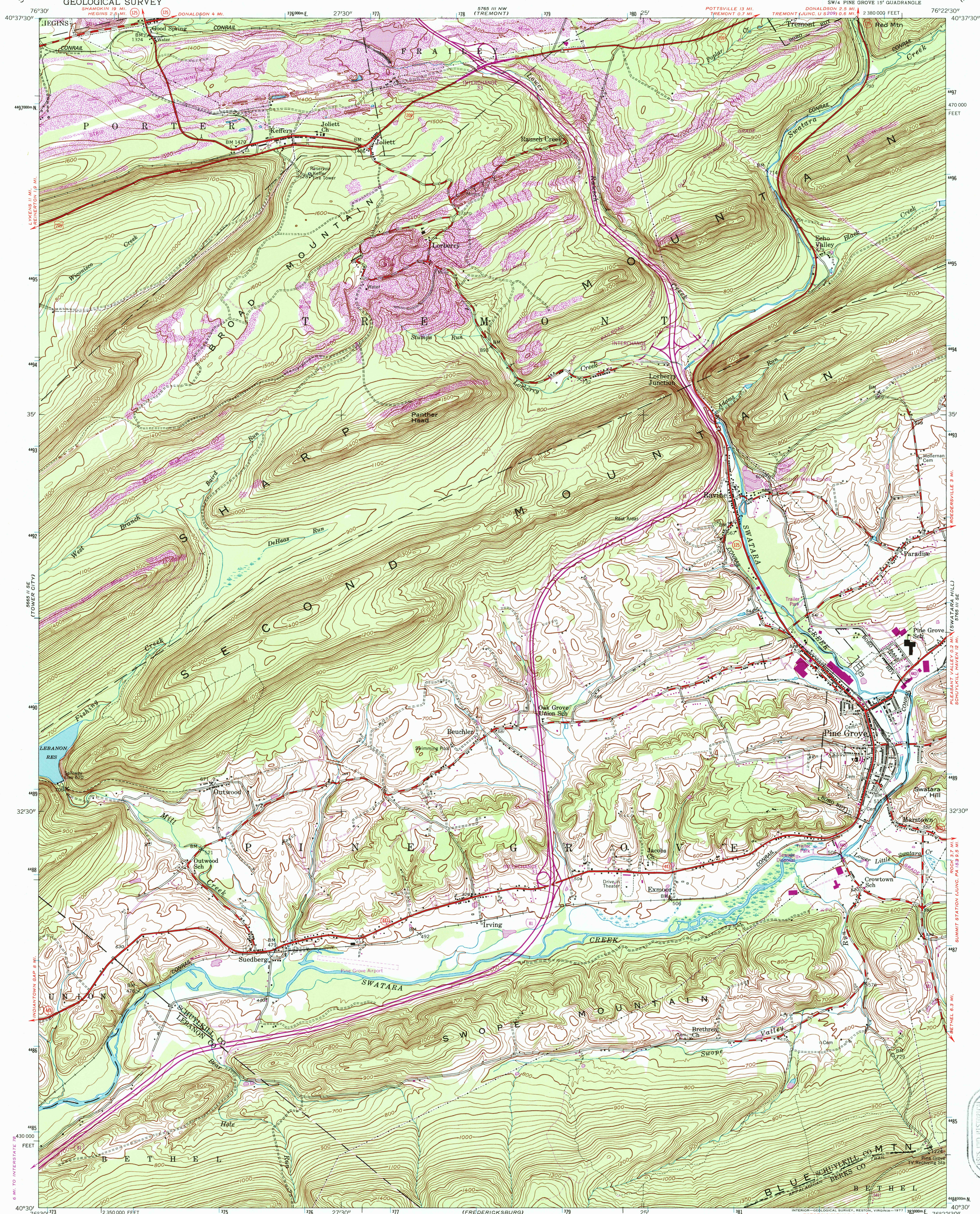
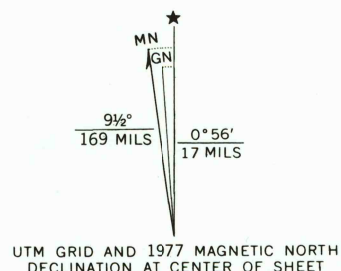


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PINE GROVE QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1944
Culture revised 1954
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 1977. This information not field checked



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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



PINE GROVE, PA.
SW 1/4 PINE GROVE 15' QUADRANGLE
N 4030—W 7622.5/7.5
1954
PHOTOREVISED 1969 AND 1977
AMS 5765 III SW—SERIES V831

SEP 31 1997
U.S. GEOLOGICAL SURVEY
RESTON, VIRGINIA

