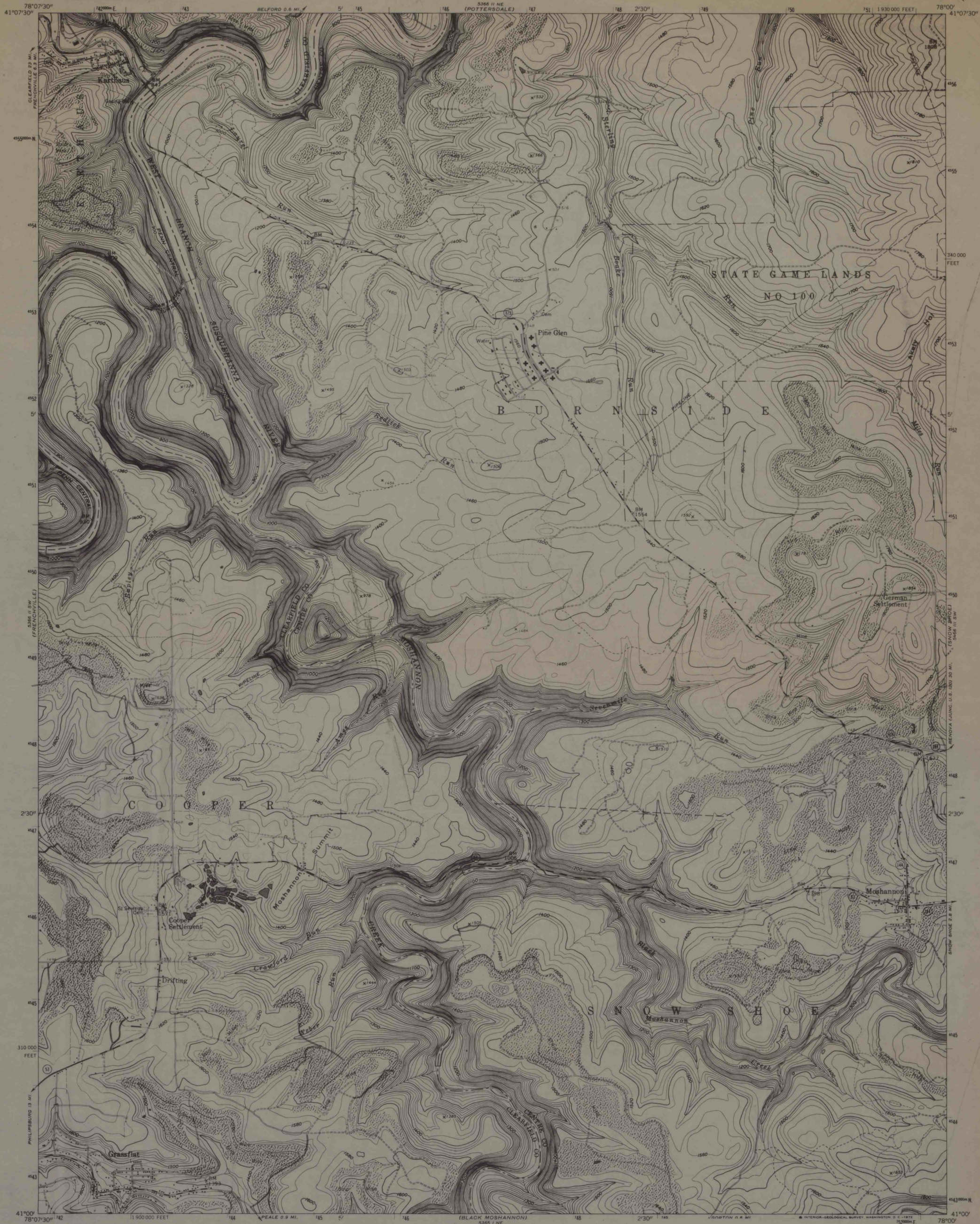
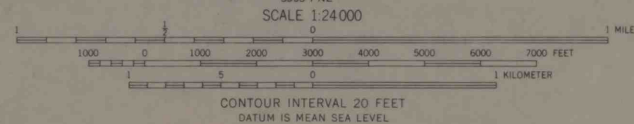
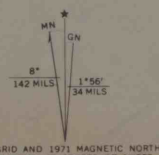


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KARTHAUS 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 photogrammetric methods
Aerial photographs taken 1958. Field check 1959
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
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Revisions shown in purple compiled in cooperation with
State of Pennsylvania agencies from aerial photographs
taken 1971. This information not field checked



D CLASSIFICATION
— Light-duty
— Unimproved dirt
○ State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

KARTHAUS, PA.
N4100—W7800/7.5
1959
PHOTOREVISED 1971
AMS 5366 II SE—SERIES V831