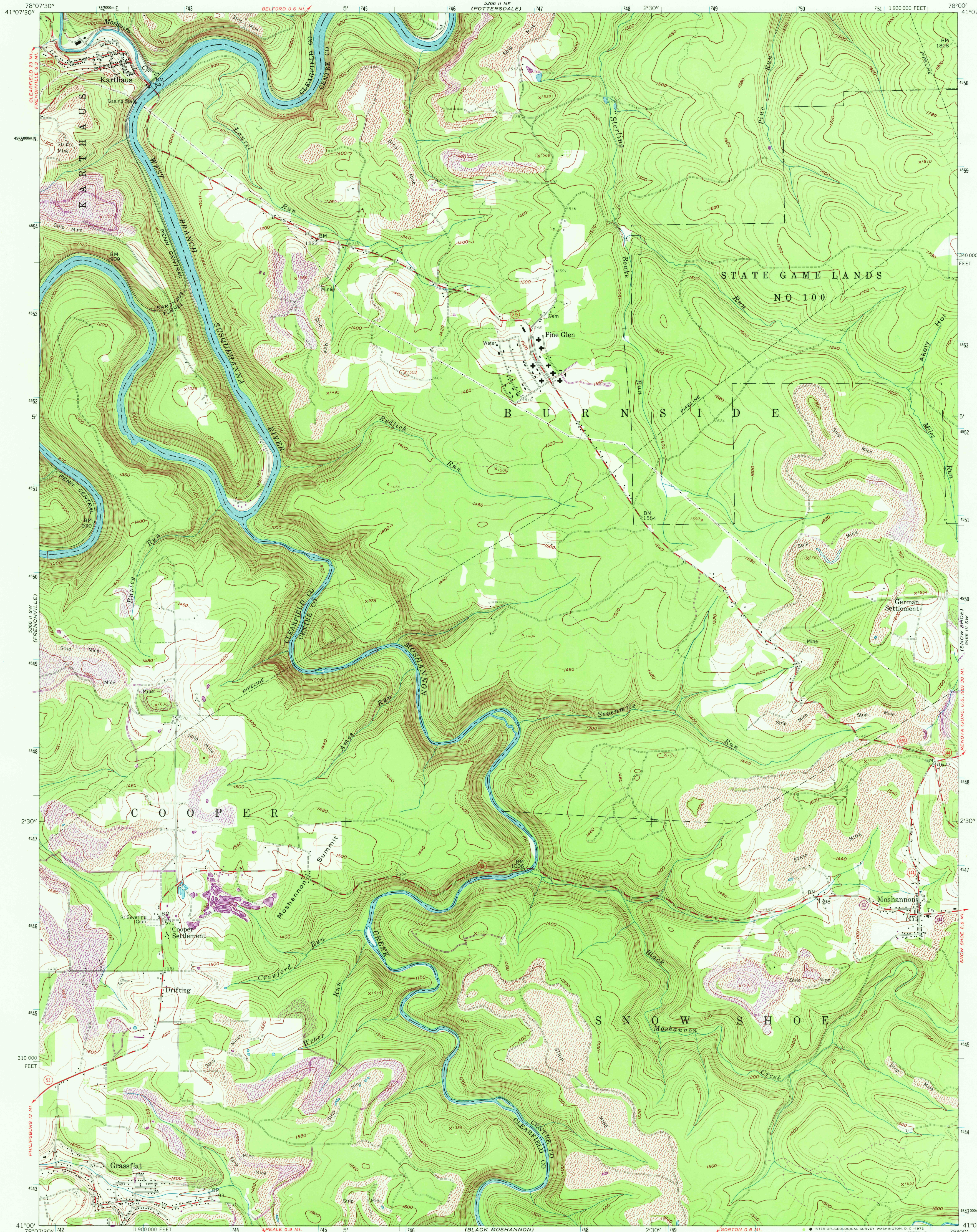


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

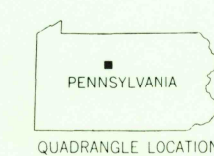
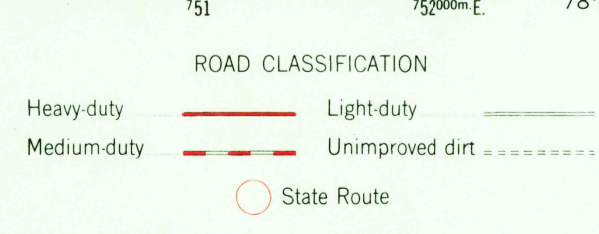
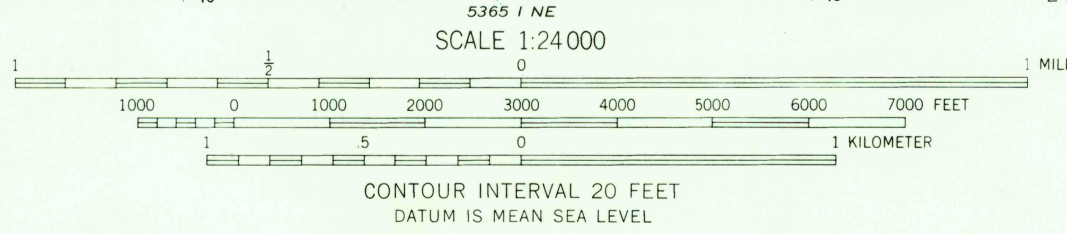
Fine red dashed lines indicate selected fence and field lines where

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



KARTHAUS, PA.

N 4100—W 7800/7.5

1959

PHOTOREVISED 1971

AMS 5366 II SE—SERIES V851

OCT 2 1972

3790

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION