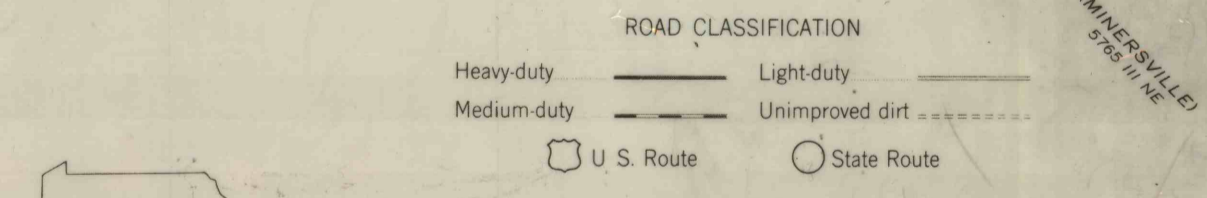
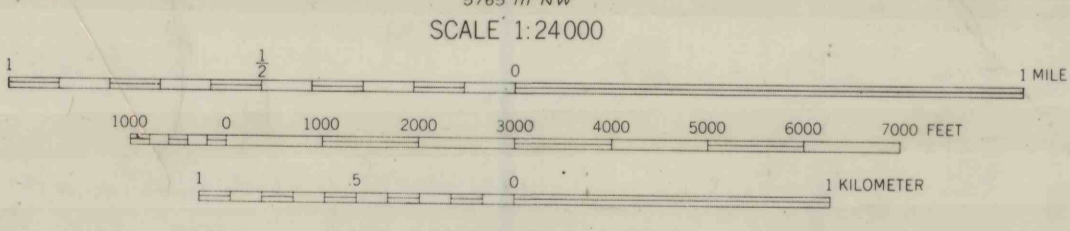
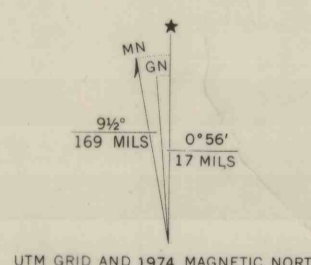


Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1944
Culture revised 1955
Polyconic projection. 1927 North American datum
10,000-foot grids based on Pennsylvania coordinate system,
north and south zones
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 1974. This information not field checked



SCALE 1:24,000
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, 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 ○
MOUNT CARMEL, PA
N4045-W7622.5/7.5
1955
PHOTOREVISED 1969 AND 1974
AMS 5765 IV SW—SERIES V831

OVERLAY LEGEND

- ABANDONED MINED LAND PROBLEMS**
- Abandoned Strip Mine (Dry)
 - Abandoned Strip Mine (Flooded)
 - Subsidence Prone Area
 - Open Shaft or Entry (Vertical or Steeply Sloping)
 - Capped Shaft or Entry (Vertical or Steeply Sloping)
 - Open Shaft or Entry (Horizontal or Gently Sloping)
 - Sealed Shaft or Entry (Horizontal or Gently Sloping)
 - Abandoned Refuse Pile (Burning)
 - Abandoned Spoil Pile
 - Underground Mine Fire
 - Abandoned Coal Processing Settling Basin (Dry)
 - Abandoned Coal Processing Settling Basin (Flooded)
 - Abandoned Structure
 - Erosion Prone Area (Due to AML)
 - Slide Prone Area (Due to AML)
 - Reported AMD Discharge and Seep Area
 - Abandoned Refuse Pile (Non-Burning)
 - Bond Forfeiture Feature

- HEALTH, SAFETY, AND WELFARE KEYWORDS**
- VO Vertical Opening
 - P Portal
 - SB Surface Burning
 - GUB Gases from Underground Burning
 - GHE Venting of Hazardous or Explosive Gases
 - DPE Dangerous Pile or Embankment
 - DI Dangerous Impoundment (Structural or Design Deficiencies)
 - DS Dangerous Slide
 - DH Dangerous Highway
 - PWAI Polluted Agricultural/Industrial Water Resource
 - PWHC Polluted Drinking Water Resource or Polluted Recreational Waters Used for Swimming
 - S Subsidence Prone Areas
 - CS Clogged Stream
 - HEF Hazardous Abandoned Mining Equipment or Facilities
 - IRW Unauthorized and Dangerous Disposal of Industrial or Residential Waste
 - HWB Unauthorized and Dangerous Use of a Water Body for Recreational Purposes

- 1,2,3 Abandoned Mine Land (AML) Feature Numbers
- PA2011
- PU-2 EAGLE
- Water Cataloging Unit Boundary

REVISED
February 5, 1990