UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
TOPOGRAPHIC AND GEOLOGIC SURVEY

BOLIVAR QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

5165 II SE (MC INTYRE)
5165 II SW (INDIANA)
5165 II SE (BRUSH VALLEY)
(DERRY) 5164 IV SE
(BLAIRSVILLE) 5164 IV NE
(WILPEN) 5164 I SW
(NEW FLORENCE) 5164 I NE
(RACHELWOOD) 5165 I SE

79°15′ — 40°30′ — 649 000m E. — 650 — 651 — 12′30″ — 652 — 653 — 654 — 655 — 10′ — 656 — 1 610 000 FEET — 658 — 79°07′30″ — 40°30′

4484 000m N. — 4483 — 4482 — 4481 — 4480 — 27′30″ — 4479 — 4478 — 4477 — 4476 — 25′ — 4475 — 4474 — 4473 — 390 000 FEET — 4472 — 4471 — 40°22′30″

4484 — 4483 — 420 000 FEET — 4482 — 4481 — 4480 — 27′30″ — 4479 — 4478 — 4477 — 4476 — 25′ — 4475 — 4474 — 4473 — 4472 — 4471 000m N. — 40°22′30″

79°15′ — 649 — 650 — 1 590 000 FEET — 651 — 12′30″ — 653 — 656 — 10′ — 657 — 658 — 659 000m E. — 79°07′30″

INDIANA 9 MI.
HOMER CITY 2.6 MI.

PITTSBURGH (VIA U.S. 22) 46 MI.
NEW ALEXANDRIA 10 MI.

I.I MI. TO PA. 259
EBENSBURG 23 MI.

3.2 MI. TO U.S. 22

13 MI. TO U.S. 30
GREENSBURG 27 MI.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1973

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USCE

Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1964

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 17, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

U.S. Reservation boundary from maps by U.S. Corps of Engineers
Areas covered by dashed light-blue pattern are subject to controlled inundation by Conemaugh Dam

MN — GN
6½° 116 MILS — 1°11′ 21 MILS
UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

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

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

PENNSYLVANIA
QUADRANGLE LOCATION

Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1973. This information not field checked

USGS HISTORICAL FILE TOPOGRAPHIC DIVISION
DEC 5 1973

BOLIVAR, PA.
N4022.5—W7907.5/7.5
1964
PHOTOREVISED 1973
AMS 5164 I NW—SERIES V831