UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

ZELIENOPLE QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

4965 I NE (NEW CASTLE SOUTH)
4965 I NE (PROSPECT)
4965 I NW (PORTERSVILLE)
4965 IV NE (NEW CASTLE SOUTH)
4965 IV SE (BEAVER FALLS)
(EVANS CITY) 4965 I SE
(BEAVER) 4965 II NE
(BADEN) 4965 II NW
(MARS) 4965 I NE

80°15′ — 40°52′30″ — 80°07′30″ — 40°45′
1 340 000 FEET — 570 000 FEET
564 000m E. — 573 000m E.
530 000 FEET
4524 000m N. — 4512 000m N.

PORTERSVILLE (JUNC. U.S. 19) 5.9 MI.
MERCER 25 MI.
PORTERSVILLE 3.5 MI.
ELLWOOD CITY (JUNC. PA. 65 & 288) 1.9 MI.
WAMPUM (JUNC. PA. 18) 6.5 MI.
ELLWOOD CITY 2.5 MI.
8 MI. TO PA. 51
EASTVALE 4.6 MI.
OHIO TURNPIKE 18 MI.
INTERCHANGE 2
OHIO TURNPIKE 4.4 MI. TO INTERCHANGE 3
INTERCHANGE 3 (INT. 79) 8 MI.
INTERCHANGE 4 (PA. 8) 19 MI.
UNIONVILLE 0.6 MI.
ROCHESTER 7.7 MI.
BUTLER 17 MI.
PA. TURNPIKE 6.1 MI.
PITTSBURGH (JUNC. U.S. 22 & 30) 23 MI.

WAYNE
PERRY
FRANKLIN
MARION
NEW SEWICKLEY
JACKSON
LANCASTER
DOUGHERTY

LAWRENCE CO
BEAVER CO
BUTLER CO

Wurtemburg
Lillyville
Hazen
Celia
Goehring
Fombell
Brintons Corners
Bates Lake
Pyles Mills
Camp Kon-O-Kwee
Camp Carondowanna
Old Furnace (Shirley Mine Sta)
Zelienople
(BM 911)
Harmony
(BM 925)
Hereford Manor Lake
Zelienople Municipal Airport
St Johns Ch
Burns Cem
Camp Run Cem
Trailer Park
Sewage Disposal
Sub Sta
Water
Chemicals
Swimming Pool
Connoquenessing Valley Sch.
N E Beaver Co Sch.
Gaging Sta

Slippery Rock Creek
Connoquenessing Creek
Camp Run
Buck Run
Brush Creek
Muddy Creek
Scholars Run
Davis Run
Duke Run
Bonar Run

Strip Mines
Strip Mine
Mine Tipple
Tipple
Quarry
Reclaimed Strip Mine
Pipeline
Pennsylvania Road
Toll
Turnpike 4 Lane
Highway
Boro
Bdy
Ben Venue Rd
Freedom Rd

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by ER-55
Aerial photographs taken 1952. Field check 1958

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

To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 18 meters west as shown by dashed corner ticks

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

Contours in strip mine areas may not accurately represent present topography

MN GN
8° 142 MILS
0°32′ 9 MILS
UTM GRID AND 1990 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER
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
DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

PENNSYLVANIA
QUADRANGLE LOCATION

Revisions shown in purple and woodland compiled in cooperation with Commonwealth of Pennsylvania agencies from aerial photographs taken 1988 and other sources. This information not field checked. Map edited 1990

Light purple tint indicates reclaimed strip mine areas

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

ZELIENOPLE, PA.
40080-G2-TF-024

1958
PHOTOREVISED 1990
DMA 4965 I SW-SERIES V831

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HISTORICAL MAP ARCHIVES

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