UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

KITTANNING QUADRANGLE
PENNSYLVANIA—ARMSTRONG CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

5065 I NW (CHICORA)
5165 IV NW (TEMPLETON)
5065 I NE (EAST BRADY)
5065 I SW (WORTHINGTON)
5165 IV SW (MOSGROVE)
(FREEPORT) 5065 II NW
(WHITESBURG) 5165 II NW
(LEECHBURG) 5065 II NE

79°37′30″ — 40°52′30″ — 617 000m E. — 1 510 000 FEET — 79°30′ — 40°45′ — 530 000 FEET — 560 000 FEET — 1 490 000 FEET

COWANSVILLE (JUNC. PA. 268) 0.9 MI. — 11 MI. TO PA. 68 — COWANSVILLE 1.2 MI.
BUTLER 16 MI. WORTHINGTON 0.4 MI.
7 MI. TO PA. 356
FREEPORT 8.5 MI. SLATE LICK 11 MI.
MC VILLE 1.9 MI. FREEPORT 8.3 MI.
CHRISTY MANOR 0.9 MI. LEECHBURG 12 MI.
SLABTOWN 7.4 MI. NEW BETHLEHEM 17 MI.
WHITESBURG 7.6 MI. INDIANA 26 MI.
SHAY 5 MI. SPRING CHURCH (JUNC. PA. 56) 17 MI.

EAST FRANKLIN
WEST FRANKLIN
NORTH BUFFALO
SOUTH BUFFALO
RAYBURN
MANOR
CADOGAN
STATE GAME LANDS NO 247

Tarrtown
Gosford
Furnace Run
Moore Sch
Walkchalk
Salem Ch
Whitesell Sch
New Sch
Girl Scout Camp
Lawnhaven Cem
Trailer Park
Franklin Union Ch
West Glade Run Ch
Sistersville
Township Sch
McHaddon
Center Hill
Kittanning Country Club
Leister
Guardian Angel Ch
Union Ch
North Buffalo
West Ford City
Sludge Pit
Cadogan
Ross Island
Rosston
Rossford
Appleby Manor Ch
Manor Heights
Ford City Cem
Bunker Hill Ch
Radio Tower (WACB)
Cowan Cem
Boy Scout Camp
Substation
Tipple
Coal Chute
Sand & Gravel Pit
Troy Hill
Troy Hill Sch
St Joseph Cem
Grandview
KITTANNING
Wick City
Jr High Sch
Courthouse
East Kittanning
Boro Hall
Pine Hill
West Kittanning
Athletic Field
Applewold
Gaging Sta
Lock No
Fire Sta
St Marys Cem
High Sch
Kilns
Cemetery
Armory
RR Sta
PO
Hospital
Water
Pumping Sta
Settling Basin
Sub Sta
Garretts Run
Manorville
Cogley Island
Dog Town
McGrann
Bellwood Sch
FORD CITY (BM 794)
Pattonville
Fordview
Stringtown
Ford Cliff
St Marys Cem
Holy Trinity Cem
Appleby Manor Ch
Manor Heights
Ford City Cem
Mile 49
Mile 45
Mile 40
NORMAL POOL ELEVATION 782
NORMAL POOL ELEVATION 769
ALLEGHENY RIVER
Glade Run
Long Run
Limestone Run
Crawmshannock Run
Nicholson Run
Whiskey Run
Tub Mill Run
Garretts Run
Gault Hill
Graff Hollow
Limestone Hollow
Hill
Creek
OHIO AND BALTIMORE
PITTSBURG AND SHAWMUT
CONRAIL
BENJAMIN FRANKLIN HIGHWAY
BORO BOUNDARY

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
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 19 meters west as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

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

MN — GN — 7° 142 MILS — 0°56′ 17 MILS
UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Red tint indicates area in which only landmark buildings are shown

SCALE 1:24 000
1 MILE — 1000 0 1000 2000 3000 4000 5000 6000 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, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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PENNSYLVANIA
QUADRANGLE LOCATION

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

Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1977 and other source data. This information not field checked. Map edited 1979

Boundary lines shown in purple compiled from latest information available from the controlling authority

KITTANNING, PA.

N4045—W7930/7.5

1958
PHOTOREVISED 1979
AMS 5065 I SE—SERIES V831

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979