UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
TOPOGRAPHIC AND GEOLOGIC SURVEY

MUNDERF QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 HALLTON 15' QUADRANGLE

5166 I NE (MARIENVILLE EAST)
5266 IV NE (PORTLAND MILLS)
5266 IV NW (HALLTON)
5166 I SE (SIGEL)
5266 IV SE (CARMAN)
(BROOKVILLE) 5166 II NE
(FALLS CREEK) 5266 III NE

79°00′ — 41°22′30″ — 57′30″ — 78°52′30″ — 55′
1 690 000 FEET
1 660 000 FEET
430 000 FEET
410 000 FEET
20′ — 17′30″
668000m E. — 677000m E.
4582000m N. — 4569000m N.

MILLSTONE
ALLEGHENY NAT FOREST
ELK CO — JEFFERSON CO
CLARION RIVER
NAT FOR BDY
BM 1243
Drill Hole
Gas Well
Gas Wells
Cem
Dutch Hill
SIGEL 10 MI.
Daugherty Run
Reagan Run
JEFFERSON CO — ELK CO
MILLSTONE
ALLEGHENY N F
1266
1259
SPRING CREEK
STATE GAME LANDS NO 44
Maxwell Run
PIPELINE
Lake City
PORTLAND MILLS 3 3/4 MI.
RIDGWAY 13 MI.
GAS WELLS
HEATH
TRAIL
JEEP
Cullen Run
BM 1756
Johns Run
KITTANNING STATE FOREST
STATE GAME LANDS NO 54
Stony Run
Crooked Run
Muddy Run
Green Briar
Radio Tower
BM 2010
Hays Lookout Tower
Davis Run
Schoffner Corner
Williams Fork
Bearpen Run
Dice Run
Mammy Hl. Run
POLK
Blowtown
Hetrick Run
Munderf Cem
Munderf
BM 1692
Dixon Corner
Strip Mine
Manners Dam
North Run
Lucas Swede Run
SNYDER
Windfall Run
STATE GAME LANDS
Ash Run
Seneca Run
North Fork
Buckley Run
South Branch
Beaver Meadow Run
WARSAW
BM 1606
BM 1610
BM 1681
BRIDGEVILLE 8 MI.
RICHARDSVILLE 1 MI.

(HAZEN) 5266 III NW

SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1968. Field checked 1969

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

MN — GN
7° 124 MILS — 1°22′ 24 MILS
UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route — U. S. Route — State Route

PENNSYLVANIA
QUADRANGLE LOCATION

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

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1972

MUNDERF, PA.
SW/4 HALLTON 15' QUADRANGLE
N4115—W7852.5/7.5
1969
AMS 5266 IV SW—SERIES V831

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

2465
SEP 27 1972