UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

BUTLER QUADRANGLE
PENNSYLVANIA—BUTLER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 BUTLER 15' QUADRANGLE

4965 I NE (PROSPECT)
5065 IV NW (MOUNT CHESTNUT)
5065 IV NE (EAST BUTLER)
4965 I SE (EVANS CITY)
5065 IV SE (SAXONBURG)
4965 II NE (MARS)
5065 III NE (CURTISVILLE)
5065 III NW (VALENCIA)

80°00' 40°52'30" 79°52'30" 40°45'
1 410 000 FEET
1 380 000 FEET
560 000 FEET
530 000 FEET
4525 000m N.
4513 000m N.
585 000m E.
594 000m E.
57'30" 55' 50' 47'30"

Butler
Butler Quadrangle
Pennsylvania-Butler Co.
7.5 Minute Series (Topographic)
SW/4 Butler 15' Quadrangle
5-4.3
1206
5-4.3

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part compiled from aerial photographs taken 1952. Topography from aerial photographs by photogrammetric methods and by planetable surveys 1957–1958

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

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

Red tint indicates area in which only landmark buildings are shown

Unlabelled wells are oil wells

Unchecked elevations are shown in brown

MN GN
5½° 98 MILS 0°42' 12 MILS
UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
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

PENNSYLVANIA
QUADRANGLE LOCATION

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

Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1969. This information not field checked

Purple tint indicates extension of urban areas

BUTLER, PA.
SW/4 BUTLER 15' QUADRANGLE
N4045—W7952.5/7.5

1958
PHOTOREVISED 1969
AMS 5065 IV SW—SERIES V831

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.—1970

5-4.3