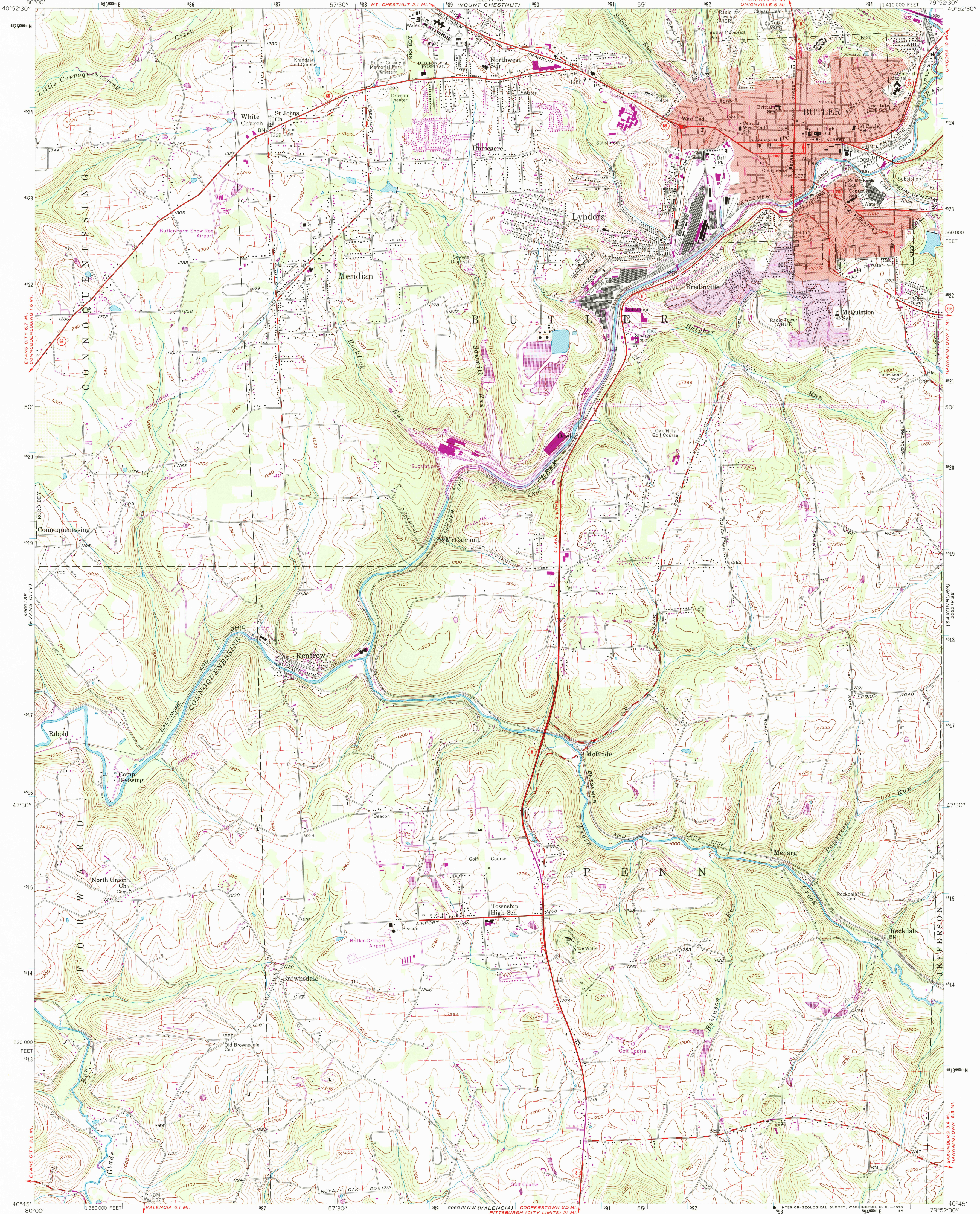




Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Culture and drainage in part compiled from aerial photographs taken 1952. Topography from aerial photographs by photogrammetric methods and by planetable surveys 1957-1958
Polyconic projection. 1927 North American datum
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

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

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

BUTLER, PA.
SW/4 BUTLER 15' QUADRANGLE
N 4045—W 7952.5/7.5
PHOTOINSPECTED 1977
1958
PHOTOREVISED 1969
AMS 5065 IV SW—SERIES V831

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

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

USGS AND HISTORICAL MAP ARCHIVES
BUTLER 15N # 060746095 PA 024
TF
406598