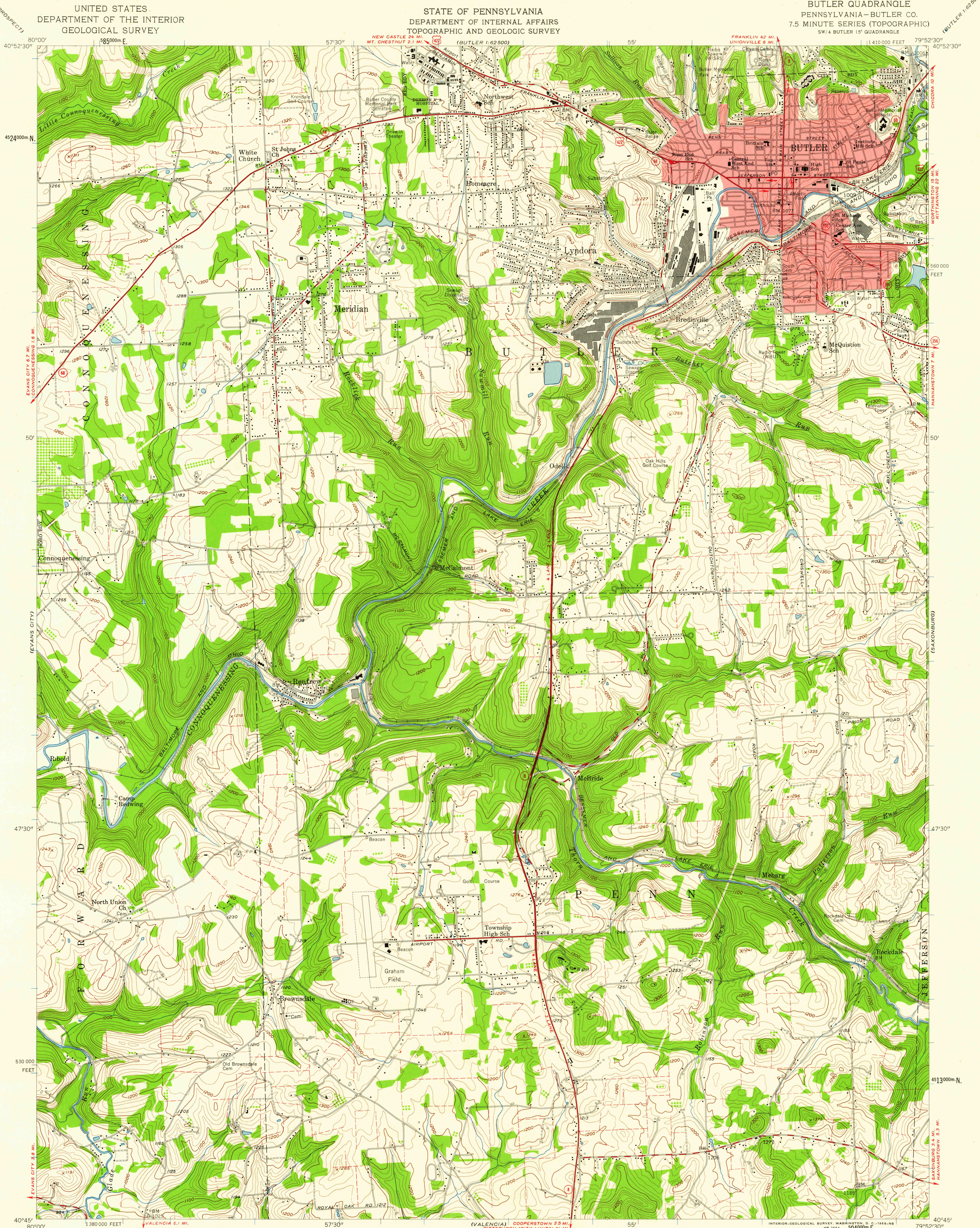




Mapped, edited, and published by the Geological Survey

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

Polycyclic 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

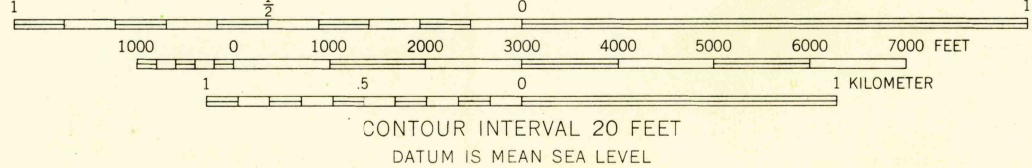
Fine red dashed lines indicate selected fence and field lines visible on aerial photographs. This information is unchecked

Red tint indicates area in which only landmark buildings are shown

Unlabelled wells are oil wells

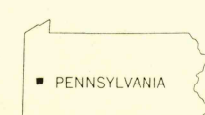
Unchecked elevations are shown in brown

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1958



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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USGS
Historical File
Topographic Division



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

USGS
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TOPOGRAPHIC DIVISION
BUTLER, PA.
SW 4 BUTLER 15' QUADRANGLE
N 4045—W 7952.5/7.5
1958

AUG 17 1959