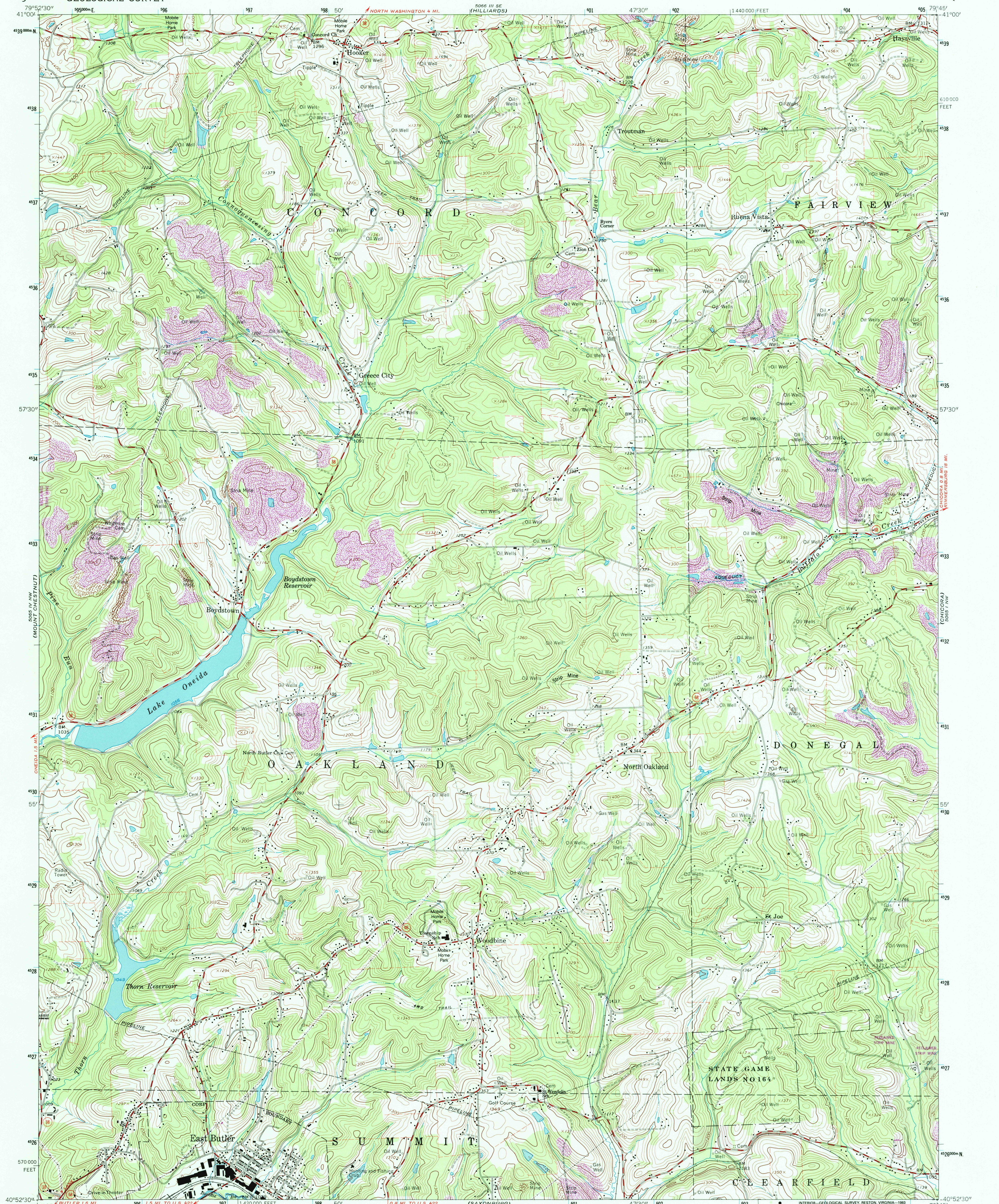
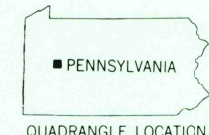
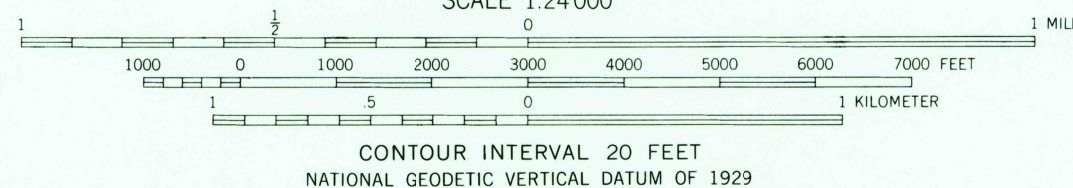
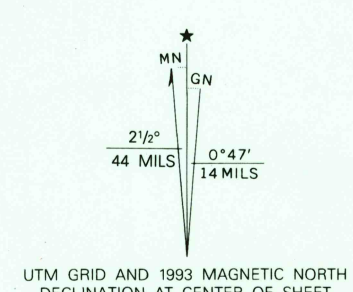


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EAST BUTLER QUADRANGLE
PENNSYLVANIA—BUTLER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs
taken 1962. Field checked 1963 and 1964.
Polyconic projection. 10,000-foot grid ticks based on Pennsylvania
coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
1927 North American Datum (NAD 27)
North American Datum of 1983 (NAD 83) is shown by dashed
corner ticks. The values of the shift between NAD 27 and
NAD 83 for 7.5-minute intersections are given in
USGS Bulletin 1875.
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Revisions compiled in cooperation with Commonwealth of Pennsylvania
agencies from aerial photographs taken 1988 and other sources
Contours not revised. This information not field checked. Map edited 1993



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



EAST BUTLER, PA.
40079-H7-TF-024
1964
REVISED 1993
DMA 5065 IV NE—SERIES V881

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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