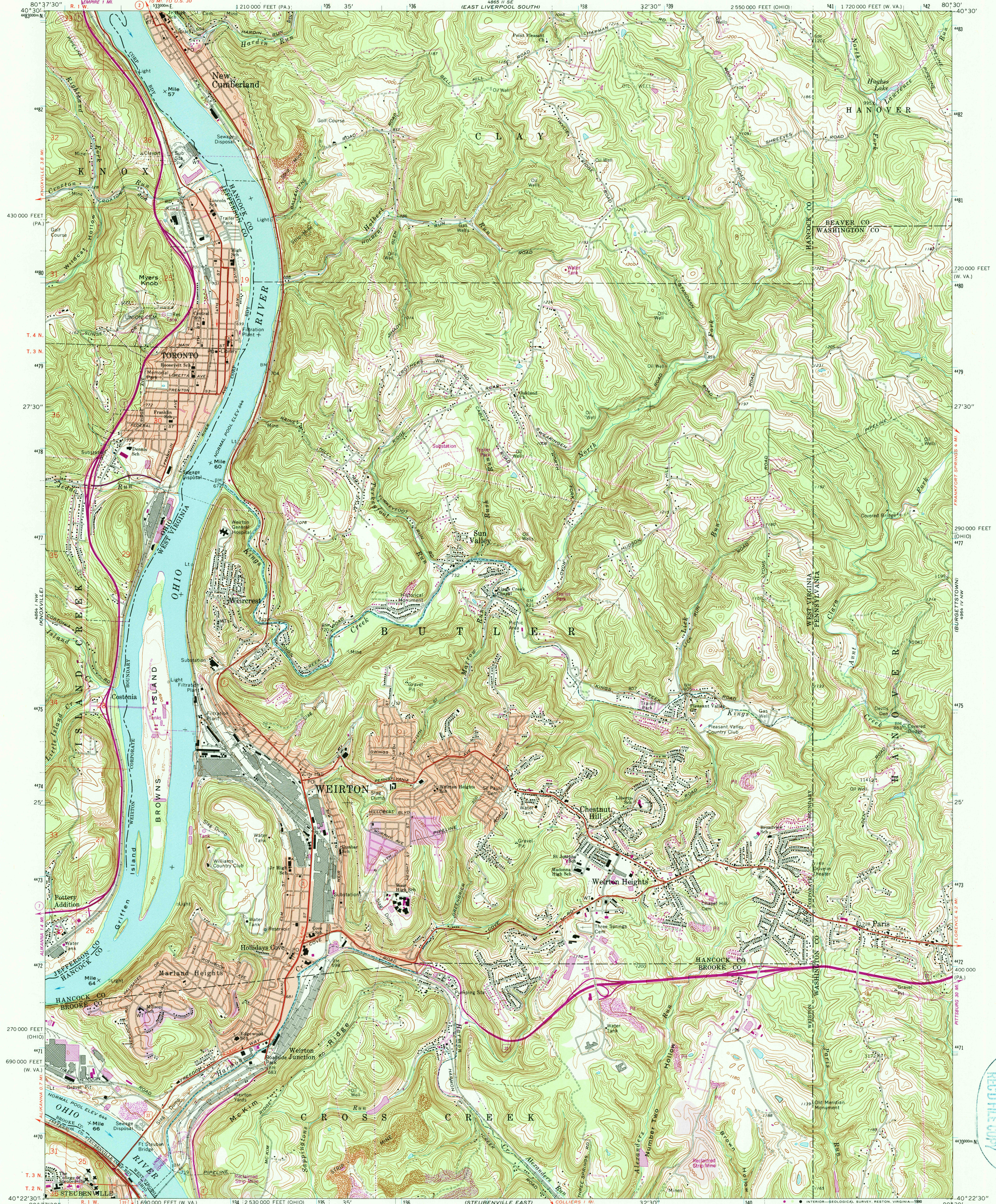


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WEIRTON QUADRANGLE
WEST VIRGINIA-PENNSYLVANIA-OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 STEUBENVILLE 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey
Revised in cooperation with State of Ohio agencies
Control by USGS, USC&GS, and USCE
Topography by photogrammetric methods from aerial
photographs taken 1954. Field checked 1958. Revised
from aerial photographs taken 1966. Field checked 1968
Polyconic projection. 1927 North American datum
10,000-foot grids based on West Virginia coordinate system, north zone,
Pennsylvania coordinate system, south zone, and Ohio 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
The state boundary as shown represents the approximate position of the
low water line as determined from U.S. Corps of Engineers, Ohio River
charts, surveyed 1913, and supplementary information
Red tint indicates areas in which only landmark buildings are shown
Ohio areas lie within the Old Seven Ranges. Land lines based on the Ohio River Base
Contours in strip mine areas may not accurately represent present topography

UTM GRID AND 1990 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET
To place on the predicted North American
Datum 1983 move the projection lines
4 meters south and 17 meters west as
shown by dashed corner ticks

SCALE 1:24,000
CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION
Primary highway, all weather, improved surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
U. S. Route
State Route

WEIRTON, W. VA. - PA. - OHIO
NE/4 STEUBENVILLE 15' QUADRANGLE
40080-D5-TF-024
1968
PHOTOREVISED 1990
DMA 4864 I NE - SERIES 7854

USGS AND HISTORICAL MAP
SEP 24 1990
REC'D FILE COPY