



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
REPRESENTED BY THE
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

STATE OF OHIO
REPRESENTED BY THE GOVERNOR

OHIO—PENNSYLVANIA
COLUMBIANA QUADRANGLE

Frank Sutton, Geographer in charge.
Topography by J.M. Whitman and E.B. Clark.
Control by J.R. Ellis and D.C. Harrison.
Surveyed in 1903-1906-1907.

SCALE 1:62,500
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

USGS
Historical File
Topographic Division

Polyconic projection. 1927 North American datum
10,000-foot grid based on Ohio (North)
rectangular coordinate system
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

COLUMBIANA, O.—PA.
N 4045—W 8030/15

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

MAR 12 1958

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FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST