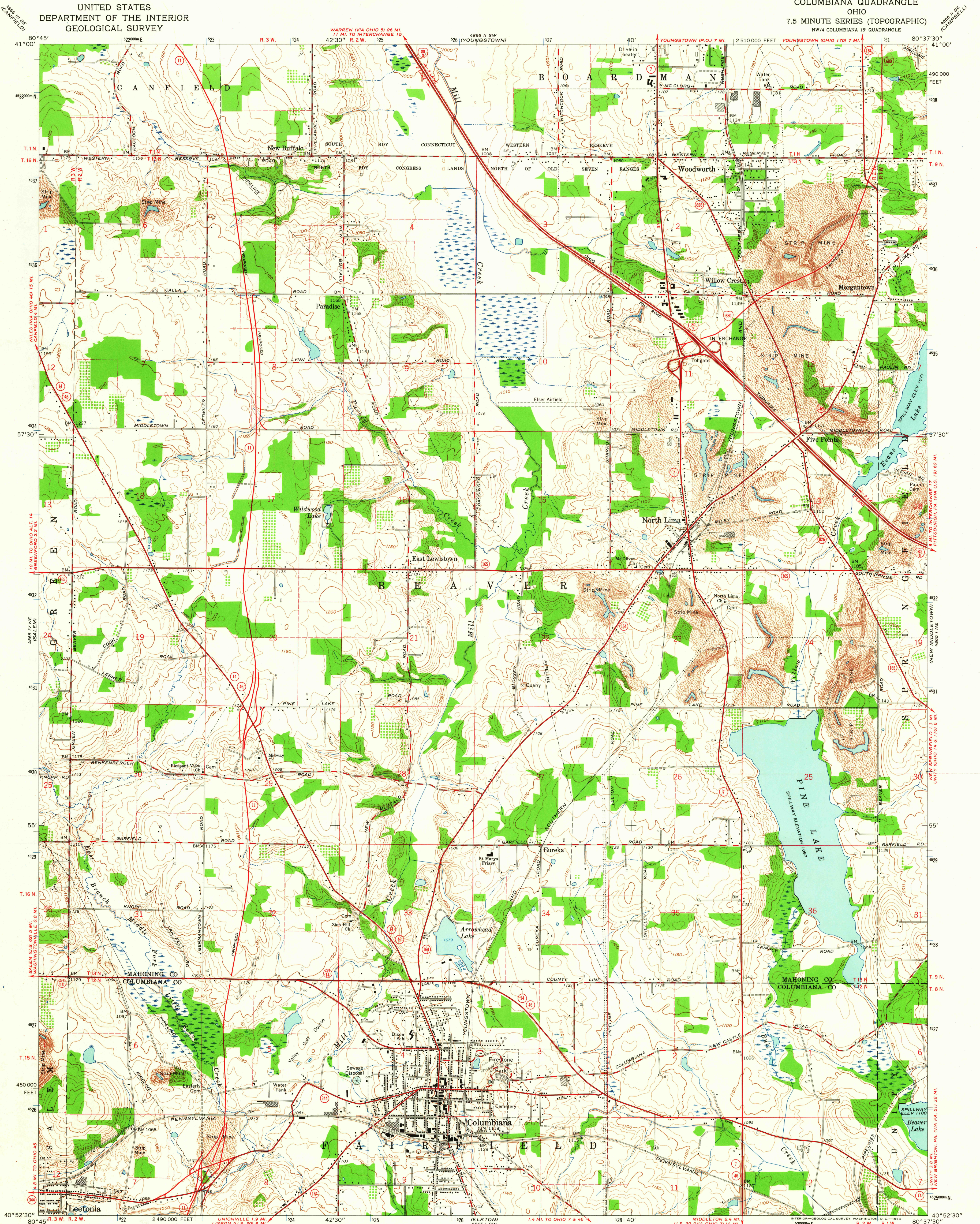
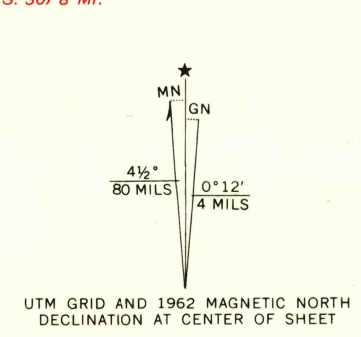


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COLUMBIANA QUADRANGLE
OHIO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 COLUMBIANA 15' QUADRANGLE



Maped, edited, and published by the Geological Survey
in cooperation with County of Mahoning
Revised in cooperation with State of Ohio agencies
Control by USGS, USC&GS, and County of Mahoning
Topography by photogrammetric methods from aerial photographs
taken 1950. Field checked 1951. Revised by photogrammetric
methods from aerial photographs taken 1962. Field checked 1962
Polyconic projection. 1927 North American datum
10,000-foot grid based on 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
Land lines within the Connecticut Western Reserve established by
private subdivision. Land lines within Congress Lands North of the
Old Seven Ranges based on the Ohio River Base



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

ROAD CLASSIFICATION
Heavy-duty ——— Light duty ———
Medium-duty ——— Unimproved dirt ———
Interstate Route ——— State Route ———

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TOPOGRAPHIC DIVISION
COLUMBIANA, OHIO
NW/4 COLUMBIANA 15' QUADRANGLE
N4052.5—W8037.5/7.5
1962
AMS 4865 I NW—SERIES V852