



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1952. Field check 1954
Polyconic projection. 1927 North American datum
10,000-foot grid based on Kentucky coordinate system,
south zone
Contours in strip mine areas from 1952 photography
Unchecked elevations are shown in brown
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

SCALE 1:24,000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER
CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

USGS
Historical File
Topographic Division

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

UTM GRID AND 1954 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242,
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

1945
APR 12 1967

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

HELTON, KY.
NW/4 HARLAN 15' QUADRANGLE
N 3652.5 — W 8322.5 / 7.5
1954
AMS 4357 IV NW—SERIES V853