UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF KENTUCKY
AGRICULTURAL AND INDUSTRIAL DEVELOPMENT BOARD

IRVINE QUADRANGLE
KENTUCKY—ESTILL CO
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 IRVINE 15' QUADRANGLE

4159 I SE (PALMER) · 4259 IV SE (STANTON) · 4259 IV SW (CLAY CITY)

WINCHESTER 25 MI. · HARGETT 2.7 MI.

84°00′ · 37°45′ · 57′30″ · 42′30″ · 40′ · 83°52′30″

237000m E. · 2 540 000 FEET · 520 000 FEET · 480 000 FEET

4181000m N. · 4169000m N.

Low Knob · Powell Cem · Upper White Oak Sch · Cool Spring Cem · White Oak Ch · Cem · McDowell Cem · Marcum Cem · Lackey Cem · Lower White Oak Sch · County Cem · Moore Cem · Witt Cem · Masters Cem · Puckett Cem · Noland Cem · Stump Sch · BM 636 · Chestnut Stand Sch · Tickey Fork Sch · Wise Cem · Marcum Cem · Antioch Cem · McIntosh Cem · Pitts Sch · Pitts Mission Ch · Bringear Cem · Tipton Cem · Rawlins Cem · North Irvine · Sweet Lick Knob · Miller Cem · Cow Creek Cem · Sparks Cem · Tipton Ridge Sch · Cem · Pitts · BM 1261 · Quarry · Gedlin Cem · Cems · Cow Creek Sch · Oil Tanks · Witt Cem · Gray Cem · Tipton Cem · West Irvine · Cem · BM 662 · BM 642 · Water · IRVINE · BM 685 · Water · Henry Mtn · Alexander Cem · Neal Cem · Ravenna (Est. 633) · Water · Water · Oil Wells · Wisemantown · South Irvine · Alexander Cem · BM 606 Lock and Dam No 12 · Noland Cem · Campbell Cem · Barnes Cem · BM 635 · Millers Creek · Cems · Congleton Cem · Doe Creek Sch · Oil Wells · Gas Wells · Wilder Sch · Pryse · BM 640 · CUMBERLAND NATIONAL FOREST · Scrivner Cem · Reeves Sch · Station Camp Ch · Station Camp · BM 622 · Wilson Cem · Station Camp Sch · Arvin Cem · Peters Cem · Grace Chapel · Harris Sch · Barnes Mtn Ch · Buck Creek Sch · Wagers Cem · Rice Cem · Wagersville Cem · Wagersville · BM 637 · Hoover Cem

CUMBERLAND NATIONAL FOREST

Low Knob Creek · Dry Branch · White Oak Creek · Masters Creek · Sweet Lick · Rawlins Branch · White Oak Creek · Clear Creek · Horse Ridge · Betsy Ridge · Rogers Ridge · Fork Ridge · Tickey Fork · Sparks Mtn · Campbell Branch · Cow Creek · Tipton Ridge · Alexander Branch · Cow Creek · Long Branch · Curtis Mtn · Little Doe Creek · Big Doe Creek · Millers Creek · Redlick Creek · Station Camp Creek · Barnes Mtn · Buck Creek

KENTUCKY RIVER · NASHVILLE · LOUISVILLE · BOUNDARY · FOREST · NATIONAL

RICHMOND 19 MI. · RICE STATION 37 MI. · RICHMOND 21 MI. · PANOLA 7.3 MI. · 21 MI. TO KY. 975 · BEATTYVILLE 19 MI. · MC KEE 23 MI. · LEIGHTON 3 MI. · 1.1 MI. TO KY. 52

(ALCORN) 4159 II SE · 4159 II NE (PANOLA) · (LEIGHTON) 4259 III SW · (HEIDELBERG) 4259 III SE · (COBHILL) 4259 II NE

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USCE

Topography from aerial photographs by KEK plotter
Aerial photographs taken 1950. Field check 1952

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

GN · MN · 1°48′ 32 MILS · ½° 9 MILS

UTM GRID AND 1952 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242,
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506,
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

ROAD CLASSIFICATION

Heavy-duty	4 LANE | 6 LANE	Light-duty
Medium-duty	4 LANE | 6 LANE	Unimproved dirt
U. S. Route		State Route

KENTUCKY
QUADRANGLE LOCATION

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

IRVINE, KY.
NW/4 IRVINE 15' QUADRANGLE
N3737.5—W8352.5/7.5
1952
AMS 4259 III NW—SERIES V853

2725
AUG 9 1968

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