



Mapped and edited by Tennessee Valley Authority  
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Topography by USGS and TVA by multiplex and planetable  
methods. Aerial photographs taken 1946 and 1948  
Field examination by TVA, 1951  
Polyconic projection, 1927 North American datum  
10,000-foot grid based on Kentucky (South) and  
Tennessee rectangular coordinate systems  
1000-meter Universal Transverse Mercator grid ticks,  
zone 16, shown in blue

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION 1951

SCALE 1:24,000  
1 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 5 0 5 10 KILOMETER  
CONTOUR INTERVAL 10 FEET  
DASHED LINES REPRESENT HALF-INTERVAL CONTOURS  
DATUM IS MEAN SEA LEVEL  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.  
KENTUCKY AGRICULTURE AND INDUSTRIAL DEVELOPMENT BOARD, FRANKFORT, KY.  
TENNESSEE DIVISION OF GEOLOGY, NASHVILLE, TENN.  
U. S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA OR KNOXVILLE, TENN.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS  
Historical File  
Topographic Division  
QUADRANGLE LOCATION

ROAD CLASSIFICATION  
In developed areas, only through roads are classified  
Heavy-duty ALL WEATHER ROADS DRY WEATHER ROADS  
Medium-duty ALL WEATHER ROADS Improved dirt  
Loose-surface, graded, or narrow hard-surface Unimproved dirt  
U. S. Route State Route

HAZEL, KY.-TENN.  
SE/4 MURRAY 15' QUADRANGLE  
N3630-W8815/7.5 SE  
1951  
FILE COPY  
TOPOGRAPHIC DIVISION

JUL 27 1962