



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES  
TENNESSEE VALLEY AUTHORITY  
MAPS AND SURVEYS DIVISION

TENNESSEE  
JOPPA QUADRANGLE  
155-NE

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

Control by US&GS, USGS, and TVA.  
Topography by Geological Survey from aerial  
photographs by stereophotogrammetric methods.  
Field examination by Tennessee Valley Authority, 1938.

APPROXIMATE MEAN  
DECLINATION, 1939

SCALE 1:24000  
1 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 0 5 10 KILOMETER  
Contour interval 20 feet with 10 foot contours shown by broken line  
Datum is mean sea level

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.  
TENNESSEE DIVISION OF GEOLOGY, NASHVILLE, TENN.  
AND 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

Polyconic projection. 1927 North American datum  
10,000 foot grid based on Tennessee  
rectangular coordinate system  
HARD IMPERVIOUSLY SURFACED ROADS  
OTHER MAIN TRAVELED ROADS  
U.S. HIGHWAY STATE ROUTE

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1938

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