



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES  
TENNESSEE VALLEY AUTHORITY  
MAPS AND SURVEYS DIVISION  
(Howard Quarter 162-NW)

TENNESSEE  
AVONDALE QUADRANGLE  
162-SW

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

APPROXIMATE MEAN  
MAGNETIC NORTH  
DECLINATION, 1938

Scale: 24000  
1 inch = 2 miles  
1 centimeter = 2 kilometers  
Contour interval 20 feet  
Datum is mean sea level

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

U. S. G. S.  
FILE COPY  
Inspection and Editing

AVONDALE, TENN.  
162-SW

Edition of 1939  
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