



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES  
TENNESSEE VALLEY AUTHORITY  
CUMBERLAND GAP 24 MI. MAPS AND SURVEYS DIVISION  
TAEWELL 11 MI. (Howard Quarter 162-NW)

TENNESSEE  
AVONDALE QUADRANGLE  
162-SW  
270000 FEET  
83° 22' 30" 36° 22' 30"

FILE COPY

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

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1938

(Talbot 162-NW)  
SCALE 1:24000  
1 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 0 5 10 KILOMETER  
Contour interval 20 feet  
Datum is mean sea level

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

Polyconic projection. 1927 North American datum  
10000 foot grid based on Tennessee rectangular coordinate system

1938  
HARD IMPERVIOUSLY SURFACED ROADS  
OTHER MAIN TRAVELED ROADS  
11 U.S. HIGHWAY NUMBER 1 STATE HIGHWAY NUMBER

AVONDALE, TENN.  
162-SW  
N3615-W8322.5/7.5  
1938

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

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AUG 8 1954  
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