



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
TENNESSEE VALLEY AUTHORITY
MAPPING SERVICES BRANCH

SHADY GROVE QUADRANGLE
TENNESSEE
7.5 MINUTE SERIES (TOPOGRAPHIC) 164-NW

Mapped and edited by Tennessee Valley Authority
Published by the Geological Survey
Control by NOS/NOAA, USGS, WPA and TVA
Revised by TVA in 1961 by photogrammetric methods using
aerial photographs taken 1959 and by reference to TVA-USGS
quadrangle dated 1939. Map field checked by TVA, 1961.
Polyconic projection, 10,000-foot grid ticks based on Tennessee
coordinate system, 1000-meter Universal Transverse Mercator
grid ticks, zone 17, shown in blue. 1927 North American Datum
To place on the predicted North American Datum 1983 move
the projection lines 7 meters south and 9 meters west as
shown by dashed corner ticks
Fine red dashed lines indicate selected fence and field lines
visible on aerial photographs. This information is unchecked

Revisions shown in purple and woodland compiled by
the Tennessee Valley Authority from aerial photographs
taken 1977 and other source data. This information
not field checked. Map edited 1980

UTM GRID AND 1980 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

26° 44' W
1° 26' E
25 MILES

SCALE 1:24 000
NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTOUR INTERVAL 20 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
TENNESSEE DIVISION OF GEOLOGY, NASHVILLE, TENN. 37219
U.S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENN. 37401 OR KNOXVILLE, TENN. 37902
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION (TVA 164-NW)
Primary highway, all weather, Light-duty road, all weather,
hard surface improved surface
Secondary highway, all weather, Unimproved road, fair or dry
hard surface weather
Interstate Route U.S. Route State Route

QUADRANGLE LOCATION

SHADY GROVE, TENN.
N3552.5-W8322.57.5

1961
PHOTOREVISED 1980
DMA 4355 IV NW-SERIES V841

USGS
Historical File
National Mapping Div.

MAR 12 1981
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