



Mapped and edited by Tennessee Valley Authority
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Control by USC&GS, USGS, and TVA
Complete revision by TVA 1952 by photogrammetric (multiplex)
methods using aerial photographs taken 1952 and by reference
to TVA-USGS quadrangle dated 1941. Original map compiled
by photogrammetric (multiplex) methods from aerial photographs
taken 1939. Map field checked by TVA 1953.
Polyconic projection. 1927 North American datum
10,000-foot grid based on Tennessee rectangular
coordinate system
--- Indicates Watts Bar Lake Easement Boundary
Blue shading indicates area to be submerged by
Melton Hill Lake. Pool elevation 795 feet

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION 1953

SCALE 1:24,000
1 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 10 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
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
HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS
Heavy-duty --- 1 LANE 16 LANE Improved dirt ---
Medium-duty --- 1 LANE 16 LANE Unimproved dirt -----
Loose-surface, graded, or narrow hard-surface
U. S. Route State Route
Melton Hill Dam and Lake data added 1961
BETHEL VALLEY, TENN.
N3552.5-W8415/7.5
1953

USGS
FILE COPY
TOPOGRAPHIC DIVISION
FEB 2 1961
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