



Mapped and edited by Tennessee Valley Authority
Published by the Geological Survey

Control NOS/NOAA, USGS, and TVA

Topography by photogrammetric methods from aerial photographs taken 1954. Map field checked by TVA, 1960

Polyconic projection. 1927 North American datum
10,000-foot grid based on North Carolina
rectangular coordinate system
1000 meter Universal Transverse Mercator Grid ticks,
Zone 17, shown in blue

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Revisions shown in purple and woodland compiled by the Tennessee Valley Authority from aerial photographs taken 1976 and other source data. This information not field checked. Map edited 1978

UTM GRID AND 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

TO place on the predicted North American Datum 1983, move the projection lines 8 meters south and 14 meters west as shown by dashed corner ticks

SCALE 1:24,000

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND U.S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENN. 37401
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy-duty	Poor motor road
Medium-duty	Wagon and jeep track
Light-duty	Foot trail
U. S. Route	State Route

In developed areas, only through roads are classified

GRANDFATHER MOUNTAIN, N.C.

36081-A7-TF-024

1960
PHOTOREVISED 1978
DMA 4656 III SE-SERIES V842

ISBN 0-607-00651-1

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