UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS DIVISION

TENNESSEE-NORTH CAROLINA
WATERVILLE QUADRANGLE
173-SE

(Newport 173-NW) (Paint Rock 182-NW) (Neddy Mtn. 173-NE) (Hartford 173-SW) (Lemon Gap 182-SW) (Great Smoky Mts. Nat. Park, 1:62500) (Cove Creek Gap 174-NE) (Hepco 182-NW)

83°07′30″ 83°00′ 35°52′30″ 35°45′ 5′ 2′30″ 47′30″ 50′

310000m.E. 319000m.E. 3971000m.N. 3958000m.N.

NORTH CAROLINA 780,000 FEET TENNESSEE 2,880,000 FEET

NORTH CAROLINA 790,000 FEET TENNESSEE 550,000 FEET TENNESSEE 510,000 FEET NORTH CAROLINA 760,000 FEET N.C.

TENNESSEE 2,860,000 FEET

DEL RIO 25/70 5 MI NOUGH 1 MI

NEWPORT 17 MI HARTFORD 2 MI

COVE CREEK 20 MI DELLWOOD 26 MI

CHEROKEE NATIONAL FOREST

PISGAH NATIONAL FOREST

GREAT SMOKY MOUNTAINS NATIONAL PARK

CATALOOCHEE

RAVEN MOUNTAIN

John Mountain

Dan Top Mountain

Little Bull Mtn

Big Bull Mtn

Laurel Mtn

Rich Mtn

Bell Hill Sch

Raven Gap

Deep Gap Ch

Sandy Gap

Oak Grove Sch

Tom Town

Pheasant Gap

Over Mountain Sch

Bull Mtn Gap

Little Pine Gap

Piney Grove Ch

Midway

London

Hollow Field Gap

New Prospect Sch

Black Ch

Andrews Chapel

Black Sch

Grassy Fork

Talton Gap

Maple Spring Gap

Birchfield Gap

Junction

Peaked Knob

Wildcat Top

Turkey Gap

Deep Gap

Runyon Gap

Cedar Cliff

Bills Knob

Davenport Gap

Waterville

Waterville Sch

Mt Sterling

Zion Ch

Browns

Newport 4

Newport 5

Newport 6

Laws

Stamey Cliff

Cogdill Chapel

Raven Branch

Piney Grove Ridge

Big Hill Gulf

Snowbird Mountains

Fines Creek

Hickory Ridge

Harmon Den Mountain

Locust Thorn Ridge

Chestnut Ridge

Cut Ridge

Laurel Ridge

Poor Ridge

Snakeden Ridge

Camp Branch Ridge

Sandy John Ridge

Cedar Cliff Ridge

Rich Mtn

Big Hill

Big Bend

Junction

Mt Sterling Ck

Cold Springs Ck

Pigeon River

Tuckasegee River

Hydroelectric Tunnel

Power Plant

Surge Tank

Appalachian Trail

Tennessee North Carolina Trail

Co Ridge Trail

Cocke Haywood Co Line

Stamey Cliff

Bell Hill Sch

Hall Cem

Ball Cem

Varner Cem

Calder Cem

Clark Cem

Davis Cem

Johnson Cem

Phillips Cem

Mack Cem

Chs

MS 226 1920

MS 227 2223

MS 228 1792

MS 238 3026

MS 239 2654

MS 236 2904

WM 56 1791

BM W 122 1486

BM X 122 1548

BM M 126 1843

BM Z 122 1658

BM A 125 1705

BM B 125 1703

BM C 125 1449

BM K 126 1863

BM L 126 1763

BM G 126 2102

BM J 126 1959

BM H 126 2052

BM F 126 2165

BM E 126 2316

BM D 126 2549

BM C 126 2757

BM B 126 3043

BM P 126 1550

BM LHT 845 1329

BM LHT 846 1371

BM LHT 847 1412

BM LHT 849 1557

BM LHT 850 1994

TT 3 D 1715

Contour interval 40 feet
Datum is mean sea level

SCALE 1:24000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

Control by USC&GS, USGS, and TVA.
Topography by Geological Survey from aerial photographs by stereophotogrammetric methods.
Field examination by Tennessee Valley Authority, 1940.

APPROXIMATE MEAN DECLINATION, 1940
TRUE NORTH
MAGNETIC NORTH

1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Polyconic projection. 1927 North American datum
10,000 foot grid based on Tennessee and North Carolina rectangular coordinate systems

ROUTES USUALLY TRAVELED
HARD IMPERVIOUS SURFACES
OTHER SURFACE IMPROVEMENTS
25 US ROUTE 75 STATE ROUTE

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

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

WATERVILLE, TENN.-N.C.
173-SE
N3545-W8300/7.5
1940

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION
DEC 18 1961
1568

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.-1961 NORTH CAROLINA 810,000 FEET
MR 0038