UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS DEPARTMENT

SMARTT MOUNTAIN QUADRANGLE
TENNESSEE
7.5 MINUTE SERIES (TOPOGRAPHIC) 103-SW

3955 II NE (WELCHLAND)
3955 III NW (SPENCER)
3956 III NE (SAMPSON)
3955 II SE (CURTISTOWN)
3955 III SE (BROCKSELL 103-SE)
3954 I NE (COLLINS)
3954 IV NW (SAVAGE POINT 104-NW)
3954 I NW (MOUNT AIRY 104-NE)

85°30′ — 85°22′30″ — 35°37′30″ — 35°30′ — 27′30″ — 25′ — 2 180 000 FEET — 2 150 000 FEET — 440 000 FEET — 410 000 FEET — 3943000m N — 3930000m E

SPENCER 9 MI — 8 MI TO TENN. 301 — MCMINNVILLE 22 MI. — CAGLE 2 MI. 10 MI. TO U.S. 127

Strip Mines — Strip Mine — BM LR 1412 △1879 — Bellview Ch — BM LR 1411 △1863 — BM HNC 62 △1886 — BM CF 023 1903 — BM 11 FB △1906 — BM 10 FB 2027 — BM HNC 56 2036 — BM HNC 57 1930 — BM HNC 58 1893 — BM HNC 61 1894 — BM MLB 240 1868 — BM MLB 239 1868 — MLB 238 A 1812 — BM HNC 63 1880 — BM HNC 64 1880 — BM MLB 217 1908 — BM HNC 65 1830 — BM MLB 216 1845 — BM MLB 215 1884 — BM MLB 214 1853 — BM MLB 212 1836 — BM MLB 213 1820

Smartt Mtn 2142 — Wright Mtn — Hitchcox Mtn — Buck Knob — Pink Knob — Vance Mtn — Grape Knob — Jordan Rock House — Black Mtn — Bonner Knob — Jakes Mtn — Nichols Mtn

WALLING CEM — MILLER CEM — HITCHCOX CEM

Sandpile — Longrock — Green — Rocky — Baldwin — Clark — Perry — Hollow — Piney — Smiths — Cove — Stayjons — Howard — Dumpling — Meadow — Fox — Thicket — Bob — Jane — Robin — Sutherland — Blair — Flatrock — Rattlesnake — Russell — Glady — Laurel — Whiteoak Swamps — Spring — Bird — Boiling — Hills — Sea — Creek — Fork — Branch — River — Ridge — Mtn

The Narrows — Dumpling Mtn — Cumberland Plateau — Cumberland Divide — Tennessee Valley Divide — Sequatchie Co — Van Buren Co — Bledsoe Co — Bledsoe-Sequatchie Co — Van Buren-Sequatchie Co

1900 — 2000 — 2100 — 1800 — 1840 — 1860

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

Control by NOS/NOAA, USGS, and TVA

Topography by USGS and TVA by photogrammetric methods
Map field checked by TVA, 1946

Polyconic projection. 10,000-foot grid based on Tennessee coordinate system
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American Datum
The difference between 1927 North American Datum and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1875. The NAD 83 is shown by dashed corner ticks

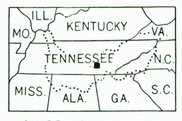
Fine purple dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

MN — GN — 2° 36 MILS — 0°55′ 16 MILS
UTM GRID AND 1992 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY, NASHVILLE, TENN. 37243
AND U.S. TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TENN. 37402
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

ROAD CLASSIFICATION (TVA 103-SW)
Primary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface
Unimproved road, fair or dry weather
Interstate Route — U. S. Route — State Route

Revisions shown in purple compiled by the Tennessee Valley Authority from aerial photographs taken 1988 and other sources
This information not field checked. Map edited 1992

SMARTT MOUNTAIN, TENN.
35085-E4-TF-024

1946
PHOTOREVISED 1992
DMA 3955 III SW-SERIES V841

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