UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS DIVISION

TENNESSEE-VIRGINIA
INDIAN SPRINGS QUADRANGLE
197-SW

(Gate City 188-NE) (Hilton 197-NW) (Mendota 197-NE)

82° 30′ 36° 37′ 30″ 27′ 30″ 25′ 82° 22′ 30″ 36° 37′ 30″

VIRGINIA 830 000 FEET TENNESSEE 3 060 000 FEET

VIRGINIA 130 000 FEET 830 000 FEET TENNESSEE

(Kingsport 188-SE) (Blountville 197-SE)

TENNESSEE 790 000 FEET 90 000 FEET VIRGINIA

36° 30′ 82° 30′ TENNESSEE 3 030 000 FEET 27′ 30″ 25′ VIRGINIA 860 000 FEET 36° 30′ 82° 22′ 30″

(Sullivan Gardens) 189-NE (Spurgeon 198-NW) (Bluff City 198-NE)

Control by USC&GS, USGS, and TVA
Topography by Geological Survey from aerial photographs by stereophotogrammetric methods
Field examination by Tennessee Valley Authority, 1939

APPROXIMATE MEAN DECLINATION, 1939

SCALE 1:24000

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

Contour interval 20 feet with 10 foot contours shown by broken lines
Datum is mean sea level

Folyconic projection. 1927 North American datum
10000 foot grid based on Tennessee and Virginia (South) rectangular coordinate systems

ROUTES USUALLY TRAVELED
HARD IMPERVIOUS SURFACES
OTHER SURFACE IMPROVEMENTS
U. S. ROUTE 1939 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

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1954

INDIAN SPRINGS, TENN.-VA.
197-SW
1939

N 3630—W 8222.5/7.5

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

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