

4355' 14" N
83°52' 30" W
MARYVILLE 14 MI

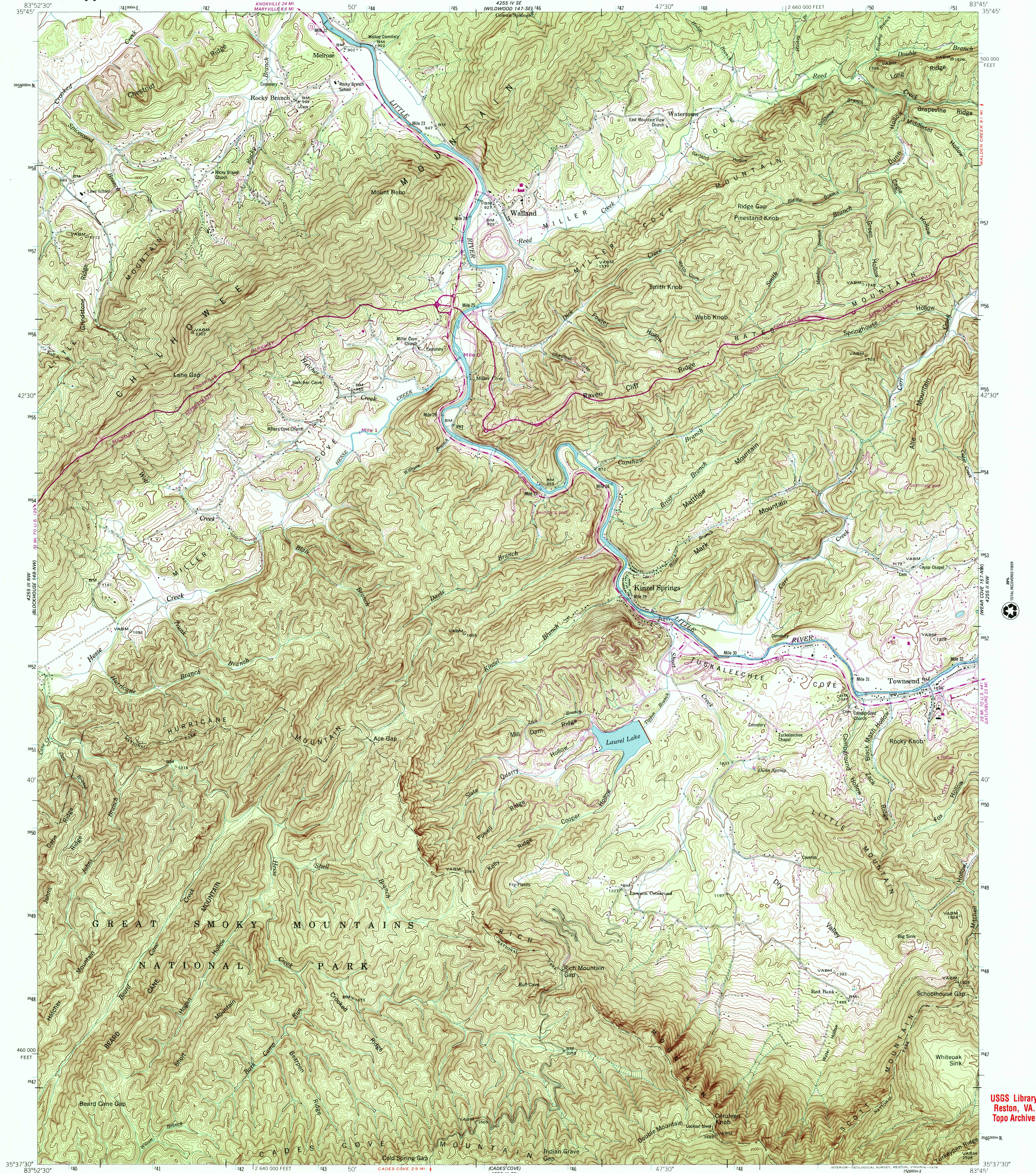


U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

UNITED STATES
TENNESSEE VALLEY AUTHORITY
MAPPING SERVICES BRANCH
4255 IV SE
(WILDWOOD 147-SE) 746
COWAN SPRINGS

KINZEL SPRINGS QUADRANGLE
TENNESSEE-BLOUNT CO.
7.5 MINUTE SERIES (TOPOGRAPHIC) 148-NE
83°45' 35' 45"

4355' 15" N
83°45' 15" W
WALDEN CREEK 18-30 MI



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

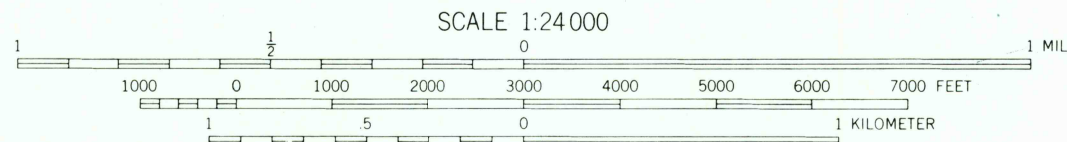
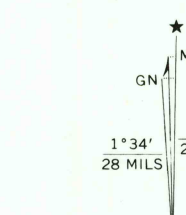
Control by NOS/NOAA, USGS, and TVA

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

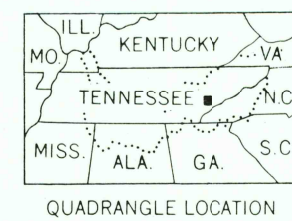
Fine purple dashed lines indicate selected fence and field lines visible on aerial photographs. This information is unchecked

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



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, P.O. BOX 25286, DENVER, COLORADO 80225
AND TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY,
NASHVILLE, TENNESSEE 37243
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

KINZEL SPRINGS, TENN.
N3537.5-W8345.7 5

1953
PHOTOREVISED 1978
AMS 4255 III NE-SERIES 7841



APR 21 2005

USGS Library
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