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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS DIVISION

NORTH CAROLINA
HORSE SHOE QUADRANGLE
193-SE

(Dunsmore Mtn. 193-NW) (Pruitland 202-NW)

82°37'30" 35°22'30" 35' ASHEVILLE 19 MI. MILLS RIVER (191) 1½ MI. (Skyland 193-NE) ASHEVILLE 19 MI. MILLS RIVER (280) 2 MI. 32'30" 950,000 FEET 82°30" 35°22'30"

South Fk Mills R. Mountain PISGAH NATIONAL FOREST Forge Forge ▲ 3280 McKinney Branch Swaetwater Br SPRINGS ROAD Bolyston Creek Ridge Murray Crawford Br Bolyston Creek Mile 171 KINGS BRIDGE (191) French Broad Ch LRH 45 ▲ 2158 Arden 16 ▲ 2430 Rugby Mill Pond RIVER Marston Creek STATE PRISON CAMP (191) 600,000 FEET

BM LHT 1619 2113 BM LHT 1618 2093 N 95 2065 MILLS RIVER ROAD RUGBY Holly Springs Brock Creek Mile 175 JOHNSON BRIDGE BM Q 55 2084 Shaw Creek Long John Creek MC CARSON CEM LR 538 ▲ 2618 Horse Shoe BROAD RIVER FRENCH SOUTHERN Brock Mtn Ivy Knob Horse Shoe Bend N 96 2085 Arden 14 ▲ 2764 Horse Shoe Mtn Davenport Mtn Shaw Mountain Brightwater Battle Creek Yale BM R 56 2109 SOUTHERN RV 387 ▲ 2163 HENDERSONVILLE 3 MI.

Pine Knob SPRINGS KILNS ROAD BM P 56 2102 MC LEAN BRIDGE LRH 40 ▲ 2600 H E N D E R S O N V I L L E Brightwater Falls Brightwater BDY Laurel Park Burl Mtn Jumpoff Rock (APPROX) Branch LR 537 ▲ 2863 LRH 39 Jumpoff Mtn ▲ 3132 Fleetwood ▲ 3107 (APPROX) BDY HEBRON ROAD Jones Gap Ch Hebron Mtn Finlay Creek Cantrell Mtn

Etowah Gosh Cr ROAD BOLYSTON Bryson Cr SOUTHERN Blythe Mill RV 389 2081 BM N 56 2111 Little Mtn Creek Oak Forest Ch N 98 2070 N 100 2070 Gurley Br Fork BEULAH CEM Bowman Bluff Beulah Ch North Fork Big Willow Creek

BM 2080 GAGING STATION N 108 2089 N 106 2075 Pleasant Grove Ch N 105 2077 N 104 2081 ROAD Creek Branch BM M 56 2080 Highpeak PLEASANT GROVE CEM Mile 185 Blythe Mtn Piney Brushy Mtn South Fork Perry Creek Bollers Knob LR 539 ▲ 2388 SENTELL CEM Wolf Mtn Pleasant Hill Ch Wolf Lake Hanckel Shoals Camp Kanuga Kanuga Lake Mud Creek ROAD LRH 46 ▲ 2160 CRABTREE CREEK

BREVARD 11 MI. (Pisgah Forest 193-SW) BREVARD PISGAH FOREST 8 MI. TRANSYLVANIA CO HENDERSON CO LITTLE RIVER Mountain Willow Creek Shuford Little Creek Mill Creek Little Cr LR 536 ▲ 2664 Underwood Mountain Evans Mtn Blackjack Mtn Arden 17 ▲ 2708 Arden 15 ▲ 2910 C R A B T R E E C R E E K HENDERSONVILLE 2 MI. (Hendersonville 202-SW)

570,000 FEET 1,365,000 YARDS 35°15' 82°37'30" 920,000 FEET 840,000 FEET 35' (Standingstone Mtn. 194-NE) 32'30" 35°15' 82°30' (Brevard 194-NW) (Zirconia 202-NW)

5 Miles 8000 Yards 7000

Control by USC&GS, USGS, and TVA
Topography by Geological Survey from aerial photographs by stereophotogrammetric methods
Field examination by Tennessee Valley Authority, 1942

Maps distributed by the Geological Survey

APPROXIMATE MEAN DECLINATION, 1942 — MAGNETIC NORTH — TRUE NORTH

Scale: 1/24000
1 0 1 2 Miles
5000 0 5000 10000 Feet
1 0 1 2 Kilometers

Contour interval 40 feet
Occasional 20 foot contours shown by broken lines

Datum is mean sea level

USGS
Historical File
Topographic Division
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Polyconic projection. 1927 North American datum
10,000 foot grid based on North Carolina rectangular coordinate system
5,000 yard grid based on U. S. zone system, B

ROUTES USUALLY TRAVELED
HARD, IMPERVIOUS SURFACE
OTHER SURFACE IMPROVEMENTS
(64) U S ROUTE (280) STATE ROUTE

HORSE SHOE, N. C.
193-SE
Edition of 1942
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