UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF VIRGINIA
DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, STATE GEOLOGIST

LONGDALE FURNACE QUADRANGLE
VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

5059 IV NE (HEALING SPRINGS)
5059 I NW (NIMROD HALL)
5059 I NE (MILLBORO)
5059 IV SE (CLIFTON FORGE)
5059 I SW (COLLIERSTOWN)
5059 II NW (SUGARLOAF MTN.)
5059 II NE (NATURAL BRIDGE)
5059 II SW (EAGLE ROCK)

79°45′ 37°52′30″ 42′30″ 40′ 79°37′30″

1 640 000 FEET (NORTH) 1 670 000 FEET (SOUTH)
1 650 000 FEET (SOUTH) 1 670 000 FEET (NORTH)

611000m E. 612 613 614 615 616 617 618 619000m E.

4192000m N. 4191 4190 4189 4188 4187 4186 4185 4184 4183 4182 4181 4180 4179000m N.

70 000 FEET (NORTH) 560 000 FEET (SOUTH) 40 000 FEET (NORTH) 520 000 FEET (SOUTH)

50′ 47′30″ 45′ 37°52′30″ 37°45′

NIMROD HALL 9 MI.
DENMARK 6 MI.
LEXINGTON 16 MI.
1.5 MI. TO U.S. 60
COVINGTON 16 MI.
CLIFTON FORGE 4.5 MI.

BATH CO
ALLEGHANY CO
ROCKBRIDGE CO
ALLEGHANY CO
BOTETOURT CO

GEORGE WASHINGTON NATIONAL FOREST
JEFFERSON NATIONAL FOREST

MILL MOUNTAIN
BRUSHY MOUNTAIN
NORTH MOUNTAIN
ANTHONY KNOBS

CHESAPEAKE & OHIO RR
OLD GRADE
RIVER
COWPASTURE RIVER
Creek
Run
Branch
Mountain
Trail
Gap

Nicelytown
Lone Star Ch
Sharon Sch
Sharon Ch
Trailer Park
Coleman Tunnel
Longdale Furnace
Longdale Recreation Area
Union View Ch
Cedar Grove Ch
Blacks Gap
Green Hill
Simpson
Pads
Griffith
Hayslette
Cem
Ford
Br
Terry
Sharers
Lick
Trout
Straley
Piney
Stuck
Downy
Blacks
Boundary

BM 1174
BM 1122
BM 1180
BM 1140
BM 1096
BM 1110
BM 1071
BM 1146
BM 1112
BM 1176
BM 1180
BM 1246
BM 1328
BM 1450
BM 1540
BM 1618
BM 1768
BM 2076
BM 2374
BM 2218
BM 1754
BM 2158
BM 2553
BM 2971
BM 2777
BM 2500
BM 2099
BM 1753
BM 1494
BM 1602
BM 1843
BM 2079
BM 1581

Simpson
UNDER CONSTRUCTION
RESTRICTED
WHITE ROCK
TOWER
JEEP TRAIL
RICH HOLE TRAIL
NORTH BRANCH TRAIL
BOUNDARY MOUNTAIN TRAIL
FOREST BOUNDARY

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1969

Polyconic projection. 1927 North American datum
10,000-foot grids based on Virginia coordinate system, south and north zones
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

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

Revisions shown in purple compiled in cooperation with Commonwealth of Virginia agencies from aerial photographs taken 1977 and other source data. This information not field checked. Map edited 1978

MN GN
5½° 98 MILS 0°48′ 14 MILS
UTM GRID AND 1978 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 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

VIRGINIA
QUADRANGLE LOCATION

Boundary lines shown in purple compiled from latest information available from the controlling authority

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

USGS
Historical File
Topographic Division

MAR 15 1978

LONGDALE FURNACE, VA.

N3745—W7937.5/7.5

1969
PHOTOREVISED 1978
AMS 5059 I SW—SERIES V834

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