UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF WEST VIRGINIA
REPRESENTED BY THE
STATE OF WEST VIRGINIA GEOLOGICAL SURVEY
AND OTHER STATE AGENCIES

CHARLES TOWN QUADRANGLE
WEST VIRGINIA—VIRGINIA—MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 MARTINSBURG 15' QUADRANGLE

5462 IV NW (MARTINSBURG)
5462 IV NE (SHEPHERDSTOWN)
5462 I NW (KEEDYSVILLE)
5462 IV SW (MIDDLEWAY)
5462 I SW (HARPERS FERRY)
5462 III NW (BERRYVILLE)
5462 II NW (PURCELLVILLE)

77°52'30" 39°22'30" 2 180 000 FEET (VA.) 580 000 FEET (MD.) 2 490 000 FEET (W. VA.) 77°45
620 000 FEET (VA.) 560 000 FEET (MD.) 320 000 FEET (W. VA.)
520 000 FEET (MD.) 280 000 FEET (W. VA.) 580 000 FEET (VA.)
39°15' 17'30" 20'

MIDDLEWAY
SHEPHERDSTOWN
CHARLESTOWN
HARPERS FERRY
Bardane
Shenandoah Junction
Duffields
Skeetersville
Uvilla
Bakerton
Graves Zion Ch
Reedson
Engle
Keller Ch
Fort Duncan (site)
CHESAPEAKE AND OHIO CANAL NAT HIST PARK
Lock No 36
Lock No 35
Dam No 3
John Browns Cave
Harpers Ferry
Cems
Harpers Ferry Caverns
Bolivar
Water Tanks
C W Shipley Sch
Drive-in Theater
HARPERS FERRY NAT HIST PARK
Halltown
Industrial Waste Pond
Sleepy Hollow Country Club
Shenandoah Downs
Ranson
Charles Town
Charles Town Racetrack
Trailer Park
Millville
Blair
Blue Ridge Acres
Silver Grove
Pumping Sta
Gaging Station
Substation
Snyder Hill
Chestnut Hill Ch
Cem
Daisy Chapel
Keys Gap
Keys Gap Lean-to
Spring
Purcell Knob
Scenic Overlook
Mechanicstown
Bloomery
Bloomery Bridge
Clips Mill Dam
Falls
Oakland Ch
Page-Jackson Sch
Rest Area
Radio Tower (WXVA)
Sewage Disposal
Picnic Area County Community Center
Jefferson H S
Harpers Ferry Civilian Conservation Center
Sewage Disposal Ponds
Water Tank
Quarries
Quarry
Trinity Ch
Elk Branch Ch
Mt Zion Ch
Elk Branch
Elks Run
Flowing Springs Run
Evitts Run
Falls Run
Forge Run
Cattail Run
Run Falls
Springs
Potomac River
Shenandoah River
Blue Ridge
Appalachian National Scenic Trail
Chesapeake and Ohio Canal
Old Railroad Grade
Old Cave Rd
Old Kabletown Road
Baltimore and Ohio
Western Maryland
Norfolk and Western
Flowing Springs Rd
Warm Springs Ridge Road
Keys Ferry Road
Harpers Ferry Road
Lane
Jefferson Co
Loudoun Co
West Virginia
Virginia
Maryland

MARTINSBURG 10 MI.
KEARNEYSVILLE 1.8 MI.
SHEPHERDSTOWN 4.3 MI.
LEETOWN 4.1 MI.
MIDDLEWAY 6 MI.
BERRYVILLE, VA. 10 MI.
RIPPON 3.5 MI.
KABLETOWN 2.5 MI.
SANDY HOOK, MD. 2.9 MI.
FREDERICK, MD. 19 MI.
HILLSBORO 4.4 MI.
13 MI. TO VA. 7

JAN 22 1988
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Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1974. Field checked 1974. Map edited 1978

Projection and 10,000-foot grid ticks: West Virginia coordinate system, north zone (Lambert conformal conic)
10,000-foot grid ticks based on Virginia coordinate system, north zone, and Maryland coordinate system
1000-meter Universal Transverse Mercator grid, zone 18
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 7 meters south and 24 meters west as shown by dashed corner ticks

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

Red tint indicates area in which only landmark buildings are shown

There may be private inholdings within the boundaries of the National or State reservations shown on this map

MN
GN
9° 160 MILS
1°47' 32 MILS
UTM GRID AND 1984 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, RESTON, VIRGINIA 22092
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

W. VA.
QUADRANGLE LOCATION

Revisions shown in purple and woodland compiled in cooperation with Commonwealth of Virginia agencies from aerial photographs taken 1980 and other sources This information not field checked. Map edited 1984

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

CHARLES TOWN, W. VA.—VA.—MD.
SE/4 MARTINSBURG 15' QUADRANGLE
39077-C7-TF-024

1978
PHOTOREVISED 1984
DMA 5462 IV SE—SERIES V854

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1987