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

ALTON QUADRANGLE
WEST VIRGINIA—UPSHUR CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 SAGO 15' QUADRANGLE

4961 IV NE (ADRIANI)
4961 I NW (BUCKHANNON)
4961 I NE (LELLAMORE)
4961 IV SE (ROCK CAVE)
4961 I SE (CASSITY)
(GOSHEN) 4961 III NE
(PICKENS) 4961 II NW
(ADOLPH) 4961 II NE

80°15′ 38°52′30″ 12′30″ 10′ 80°07′30″ 38°52′30″
2 240 000 FEET
680 000 FEET
640 000 FEET
4302 000mN
4290 000mN
5 566 000mE
5 575 000mE

KENDRON 2.5 MI.
CASSITY 9 MI.
CARTER 7 MI.
CZAR 1.7 MI.

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1973. Field checked 1974

Projection and 10,000-foot grid ticks: West Virginia coordinate system, south zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue. 1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 7 meters south and 18 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

Revisions shown in purple and woodland compiled from aerial photographs taken 1986 and other sources
This information not field checked. Map edited 1989

MN GN
7½° 133 MILS 0°31′ 9 MILS
UTM GRID AND 1989 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

W. VA.
QUADRANGLE LOCATION

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ALTON, W. VA.
SW/4 SAGO 15' QUADRANGLE.
38080-G2-TF-024

1974
PHOTOREVISED 1989
DMA 4961 I SW—SERIES V854

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1989

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