



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1957. Field checked 1963.  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on West Virginia coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
Revisions shown in purple compiled from aerial photographs  
taken 1976. This information not field checked

UTM GRID AND 1976 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000  
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  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



MAP AND AIR PHOTO  
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CLOTHIER, W. VA.  
NE/4 LOGAN 15' QUADRANGLE  
N3752.5-W8145/7.5

1963  
PHOTOREVISED 1976  
AMS 4659 IV NE-SERIES V854