



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1956 and 1957. Field check 1959  
Polyconic projection. 1927 North American datum  
10,000-foot grids based on West Virginia coordinate system,  
north zone, and Pennsylvania coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
Fine red dashed lines indicate selected fence and field lines  
visible on aerial photographs. This information is unchecked

APPROXIMATE MEAN  
DECLINATION, 1959

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
U.S. Route

VALLEY GROVE, W. VA.—PA.  
SE/4 WHEELING 15' QUADRANGLE  
N 4000—W 8030 77.5

1959

MAP AND AIR PHOTO LIBRARY  
University of Wisconsin