



Mapped by the Army Map Service  
Published for civil use by the Geological Survey  
Control by USGS, USC&GS, and USCE  
Topography by photogrammetric methods from aerial  
photographs taken 1957. Field checked 1959  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Washington coordinate system,  
south zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 10, shown in blue  
Land lines added and minor corrections by USGS 1965  
Revisions shown in purple compiled by the Geological Survey from  
aerial photographs taken 1968. This information not field checked

UTM GRID AND 1968 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET  
019° 22' N  
391 MILS

SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
DOTTED LINES REPRESENT 10-FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
State Route ○

U.S.G.S.  
Historical File  
Topographic Division

MCKENNA, WASH.  
NE/4 YELM 15' QUADRANGLE  
N4652.5—W12230/7.5  
1959  
AMS 1477 I NE—SERIES V891

U.S.G.S.  
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TOPOGRAPHIC DIVISION  
2755  
DEC 24 1969