

87°15'  
37°45'

DEPARTMENT OF THE INTERIOR  
FRANKLIN K. LANE, SECRETARY  
U. S. GEOLOGICAL SURVEY  
GEORGE OTIS SMITH, DIRECTOR

# TOPOGRAPHY

STATE OF WEST VIRGINIA I. C. WHITE STATE GEOLOGIST  
STATE OF KENTUCKY GEOLOGICAL SURVEY J. B. HOEING, STATE GEOLOGIST

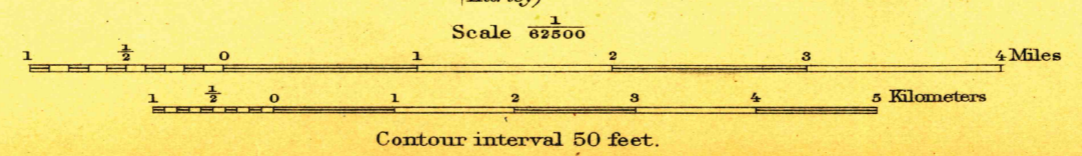
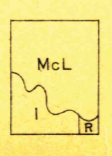
WEST VIRGINIA-KENTUCKY-VIRGINIA  
MATEWAN QUADRANGLE  
82°00'  
37°45'



37°30'  
82°15'

R. B. Marshall, Chief Geographer.  
Frank Sutton and W. H. Herron, Geographers in charge.  
Topography by Fred McLaughlin, E. J. Ireland, and W. A. Reiter.  
Control by E. L. McNair, T. A. Green, S. R. Archer, and G. W. Lucas.  
Surveyed in 1909 and 1915.

ENGRAVED 1917 BY U. S. G. S.



Contour interval 50 feet.  
Datum is mean sea level.

APPROXIMATE MEAN  
DELINEATION 1916

37°30'  
82°00'

Edition of 1917.

JAN 15 1918 3530

MATEWAN  
3530

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FILE COPY  
Ed. Div. Topographic Maps.