

(Cassiokey)

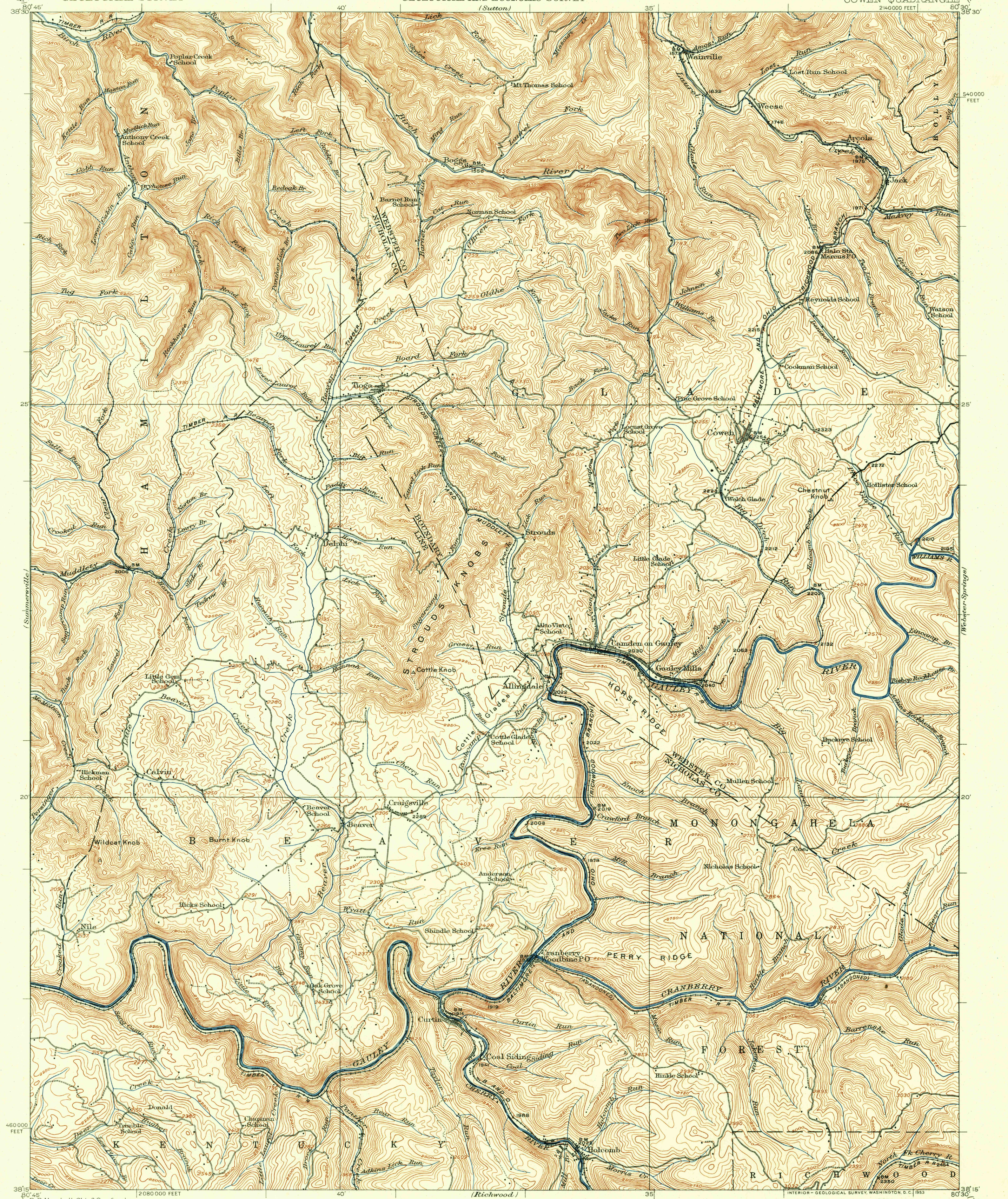
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF WEST VIRGINIA
REPRESENTED BY THE
GEOLOGICAL AND ECONOMIC SURVEY
(Sutton)

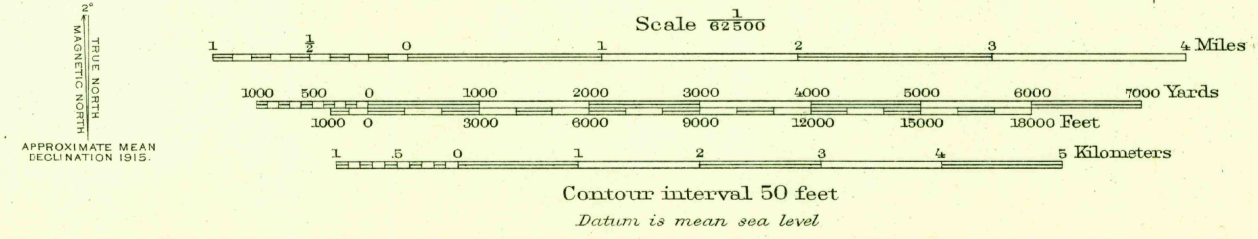
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WEST VIRGINIA
COWEN QUADRANGLE
2140000 FEET

(Hacker Valley)



R. B. Marshall, Chief Geographer.
Frank Sutton, Geographer in charge.
Topography by E. I. Ireland, W. H. S. Morey, and F. W. Farnsworth.
Control by Oscar Jones, H. S. Senseney, and Hargrave Wood.
Surveyed in 1915.



Interior - Geological Survey, Washington, D. C. 1953
Polyconic projection. To place on 1927 North American datum
move projection lines 20 feet north and 15 feet east
10000-foot grid based on West Virginia (South) rectangular
coordinate system

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USGS COWEN, W. VA.
N3815-W8030/15
Historical File
Topographic Division
1915
JAN 11 1954

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST