

TOPOGRAPHY

U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

STATE OF PENNSYLVANIA
TOPOGRAPHIC AND GEOLOGIC SURVEY COMMISSION

PENNSYLVANIA
CLARION QUADRANGLE



U.S.G.S.
FILE COPY
Ed. Div. Topographic Maps.

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ENGRAVED SEPT. 1907 BY U.S.G.S.
H.M. Wilson, Geographer.
Robt D. Cummin and J.H. Jennings, in charge of section.
Topography by Robt D. Cummin and E.W. McCrory.
Control by E.L. McNair and W.T. Griswold.
Surveyed in 1905 and 1906.

APPROXIMATE MEAN
DECLINATION 1908

(Rural Valley)
Scale 62500
Miles
Kilometers
Contour interval 20 feet.
Datum is mean sea level.

Cummin
McCrory

Edition of Dec. 1907, reprinted Aug. 1914.

USGS 80 1914 2553
Historical File
Topographic Division

CLARION, PA.

NOTE: Geologic Folio No. 178 treats of the geology and the coal, oil, gas, brick clay, flint clay, limestone, building stone, sand, gravel, and iron resources of this area, and copies slightly damaged by fire may be had for 5 cents each.
Folios covering adjacent areas—Kittanning and Rural Valley—are also available at the same price.