

U.S.GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR
STATE OF PENNSYLVANIA
GEORGE W. MC NEES, SIMON HARROLD,
FRED D. BARKER, COMMISSIONERS

TOPOGRAPHY

PENNSYLVANIA-NEW YORK
GAINES QUADRANGLE



LEGEND

RELIEF
(printed in brown)

2152

Figures
(showing heights above
mean sea level, determined
mentally)

Contours
(showing height above
sea level, form,
and steepness of slope
of the surface)

DRAINAGE
(printed in blue)

Streams

Marshes

CULTURE
(printed in black)

Roads and
buildings

Private and
secondary roads

Railroads

Reservoir

State lines

County lines

Township lines

Village lines

B.M.
X

Bench marks

Triangulation
stations

H.M. Wilson, Geographer in charge.
Control by S.S. Gannett, Oscar Jones, and J.H. Wheat.
Topography by J.H. Jennings and J.W. Thom.
Surveyed in 1899 in cooperation with the
State of Pennsylvania.

Scale 62500
1 2 3 4 5 Miles
1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.

Edition of Mar. 1903.