TOPOGRAPHY

STATE OF PENNSYLVANIA
GEORGE W. MCNEES, RICHARD R. HICE, ANDREW S. MCCREATH
COMMISSIONERS

U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

PENNSYLVANIA
SEWICKLEY QUADRANGLE

(Newcastle)

80°15′ 40°45′ 10′ 5′ 80°00′ 40°45′

40°40′ 40°35′

LEGEND

RELIEF
printed in brown

1098
1138

Figures
showing heights above mean sea level instrumentally determined

Contours
showing height above sea, horizontal form, and steepness of slope of the surface

Depression contours

DRAINAGE
printed in blue

Streams

Ponds

CULTURE
printed in black

Roads and buildings

Churches, school houses, and cemeteries

Private and secondary roads

Railroads

Electric railroads

Tunnels

Bridges

Ferries

Dams

Oil tanks

Township lines

City, village, and borough lines

Triangulation stations

BM × 1138
Bench marks

40°30′ 80°15′ 10′ (Carnegie) 5′ 80°00′ 40°30′

(Burgettstown)

H.M. Wilson, Geographer.
Robt. D. Cummin and J.H. Jennings, in charge of section.
Topography by Robt. D. Cummin, E.B. Clark, J.H. Wheat, A.C. Roberts, E.G. Hamilton, J.S.B. Daingerfield, Ira M. Flocker, and E.W. McCrary.
Control by D.H. Baldwin and C.A. Clunet.
Surveyed in 1903 and 1905-1906.

SURVEYED IN COOPERATION WITH THE STATE OF PENNSYLVANIA.

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION 1905.

Scale $\frac{1}{62500}$

1 ½ 0 1 2 3 4 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.

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(Pittsburg)