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' 10' 5' 80°00' 40°45'

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

Unionville
Brush Run
Oakgrove Church
Big Knob
Pleasant Valley Church
Bogg's School
Knob
Parks Quarries
Freedom
Crows Run
Rehoboth Church
Conway
Aliquippa
Baden
Aliquippa Park
Legionville
Woodlawn
Economy
West Economy
Ambridge
Ethel
Landing
Shaunopin Sta.
Fairoaks
Wireton
Leetsdale
Shousetown
Glenwillard P.O.
Crescent Shoals
Edgeworth
Sewickley
Flaugherty Run
Carnot
Moon
Coraopolis
Ogle
Henderssonville
Duff Church
Lovi
Thorn Hill
Pleasant Hill Church
Wall Rose
Hopkins Church
Duff City
Bayne
Sewickley Heights School
Campmeeting Grounds
Blackburn
McNebo Church
Stoneydale
Haysville
Osborne
Glenfield
Groveton
Dixmont
Elmsworth
Ben Avon
Avalon
Bellevue
North Bellevue
East Bellevue
West View
Perrysville
Salem Church
Wexford
Mt. Pleasant Church
West Union Church
McCord School
Union Church
Myoma
Gallery
Marshall
Mars
Hendersonville
Duff Church
Downieville
Keown
Nedsky Pump Station
Ingomar
Boundary Line
Butler Co.
Allegheny Co.
Beaver Co.
Allegheny Co.
Jackson Township
Forward Township
Cranberry Township
Adams Township
New Sewickley Township
Sewickley Township
Economy Township
Harmon Township
Marshall Township
Pine Township
Franklin Township
McCandless
Sewickley Heights Borough
Sewickley Borough
Aleppo Township
Ohio Township
Ross Township
Kilbuck Township
Moon Township
Crescent Township
Robinson Township
Findley Township
Pittsburgh & Butler St. Ry.
Pittsburgh & Butler St. Ry.
Pittsburgh & Lake Erie R.R.
Ohio River
Beaver River
Little Sewickley Creek
Sewickley Creek
Raccoon Creek
Wolfe Run
Brush Creek
Thorn Run
Kilbuck Run
Montour Run
Chartiers Creek
Narrows Run
Flaugherty Run
Island
Neville Island
Grand Trunk R.R.
Pittsburgh & Lake Erie R.R.
Pittsburgh & Western R.R.
Ohio River Boulevard
Sewickley Bridge
Sewickley Bridge
Aliquippa & Ambridge Bridge
Aliquippa & Ambridge Bridge
Dam No. 6
Dam No. 7
Dam No. 5
Dam No. 4
Campbells Island Light
Neville Island Light
Montour Junc.
Wall Road
Allegheny Co. Beaver Co.
Sewickley Bridge Road
Sewickley Bridge Road
Ohio River Boulevard
Ohio River Boulevard
Ohio River Boulevard