

# TOPOGRAPHY

STATE OF PENNSYLVANIA  
DEPARTMENT OF INTERNAL AFFAIRS  
JAMES F. WOODWARD, SECRETARY  
BUREAU OF TOPOGRAPHIC AND GEOLOGICAL SURVEY  
GEORGE H. ASHLEY STATE GEOLOGIST

#5

DEPARTMENT OF THE INTERIOR  
ALBERT B. FALL, SECRETARY  
U.S. GEOLOGICAL SURVEY  
GEORGE OTIS SMITH, DIRECTOR

PENNSYLVANIA  
ALTOONA QUADRANGLE

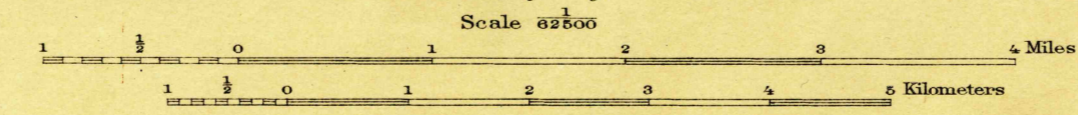
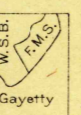


(Carnegieville) 78° 30'  
40° 45'

(Phillipsburg) 78° 15'  
40° 45'

(Ebensburg) 78° 30'  
40° 30'

1235 000 YARDS  
C.H. Birdseye, Chief Topographic Engineer,  
Frank Sutton, Topographic Engineer in charge,  
Topography by J.I. Gayetty, W.S. Beames, and F.M. Schilling.  
Control by E.L. McNair, A.H. Thompson, J.L. Lenovitz,  
Pennsylvania State Highway Department, and  
Pennsylvania Railroad.  
Surveyed in 1920.



Contour interval 20 feet.  
Datum is mean sea level.

Polyconic projection. North American datum.  
5000 yard grid based upon zone B for P.M.M.  
**THROUGH ROUTES (STANDARD)** ———  
**THROUGH ROUTES (NOT STANDARD)** - - - - -  
**SECONDARY ROUTES** . . . . .  
APPROXIMATE MEAN DECLINATION, 1920

ALTOONA  
Edition of 1922

USGS Library  
Reston, VA.  
Topo Archive

full strength contour  
relief in grey-green