

TOPOGRAPHY

STATE OF PENNSYLVANIA

DEPARTMENT OF INTERNAL AFFAIRS

JAMES F. WOODWARD, SECRETARY

BUREAU OF TOPOGRAPHIC AND GEOLOGICAL SURVEY

GEORGE H. ASHLEY, STATE GEOLOGIST

(Larrobe)

PENNSYLVANIA
DONEGAL QUADRANGLE

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



PENNSYLVANIA
DONEGAL QUADRANGLE

MOUNT PLEASANT

BULLSKIN

SPRINGFIELD

MIDDLECREEK

JEFFERSON

PA.

U. S. G. S.
FILE COPY
Inspection and Editing.

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C. H. Birdseye, Chief Topographic Engineer.
Frank Sutton, Topographic Engineer in charge.
Topography by Duncan Hannagan and J. C. Hilliard.
Control by Geo. T. Hawkins, E. L. McNair, C. R. Fisher,
C. E. Mills, Walter McCrea and F. L. Shalibo.
Surveyed in 1920.

Hannagan
Hilliard

Scale 1:62,500
1 1/2 0 1 2 3 4 5 Miles
1 1/2 0 1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.

APPROXIMATE MEAN
DECLINATION 1920

Polyconic projection, North American datum.
USGS 5000 yard grid based upon U.S. zone system, B.
Historical File
Topographic Division
DEC 6 1922 4150

DONEGAL, PA.
Edition of 1922