UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
REPRESENTED BY THE
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

PENNSYLVANIA
(BUTLER COUNTY)
BUTLER QUADRANGLE

(Mercer) (Hilliards) (Foxburg)

80°00' 55' 50' 79°45' 41°00'

40°45' 80°00' 55' 50' 79°45' 40°45'

(Sewickley) (New Kensington) (Freeport)

(Zelienople) (Kittanning)

R.B. Marshall, Chief Geographer.
Frank Sutton, Geographer in charge.
Topography by Wm. O. Tufts, R.H. Reineck, and S.P. Floore.
Control by C.B. Kendall and C.B. Burns.
Surveyed in 1908-1909.

4° MAGNETIC NORTH TRUE NORTH
APPROXIMATE MEAN DECLINATION, 1909

SCALE 1:62500

1 0 1 2 3 4 MILES
3000 0 3000 6000 9000 12000 15000 18000 21000 FEET
1 5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964

Polyconic projection. 1927 North American datum

BUTLER, PA.
N4045—W7945/15
1909

The south half of this area also covered by 7.5 minute, 1:24 000-scale maps: Butler 1958, and Saxonburg 1958

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

U.S.G.S.
TOPOGRAPHIC DIVISION

4310

JUN 9 1964