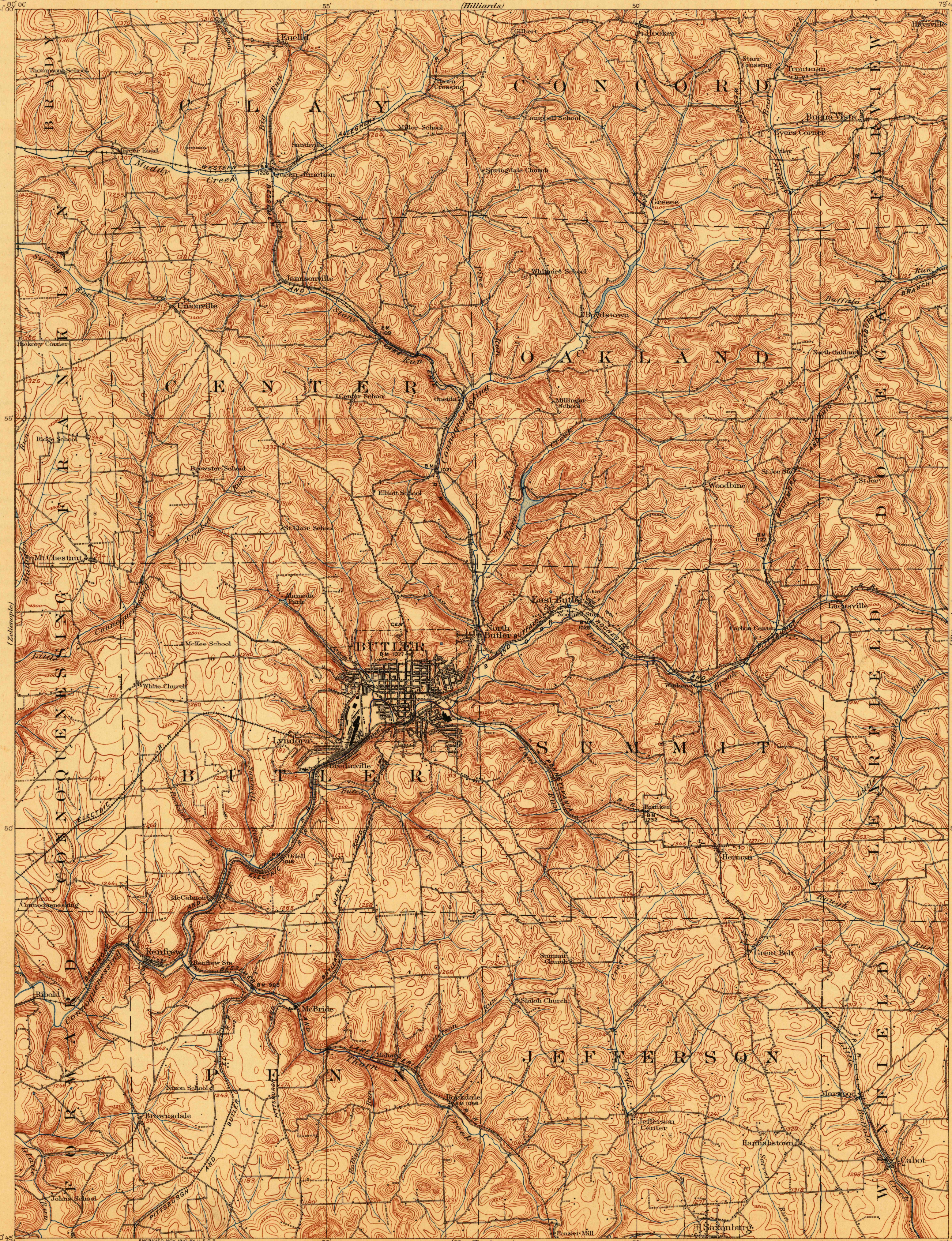


DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF FORESTS AND WATERS
TOPOGRAPHIC AND GEOLOGIC SURVEY
(Billiards)

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PENNSYLVANIA
(BUTLER COUNTY)
BUTLER QUADRANGLE



15 Miles
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15 Miles

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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.
SURVEYED IN COOPERATION WITH THE STATE OF PENNSYLVANIA.



Scale 62500
1 1/2 0 1 2 3 4 Miles
1 1/2 0 1 2 3 4 Kilometers
Contour interval 20 feet.
Datum is mean sea level.

U.S.G.S.
Historical File
Topographic Division

Edition of Feb. 1911, reprinted 1924.
Polyconic projection, North American datum.

JUL 29 1924 (3150)

BUTLER, PA.