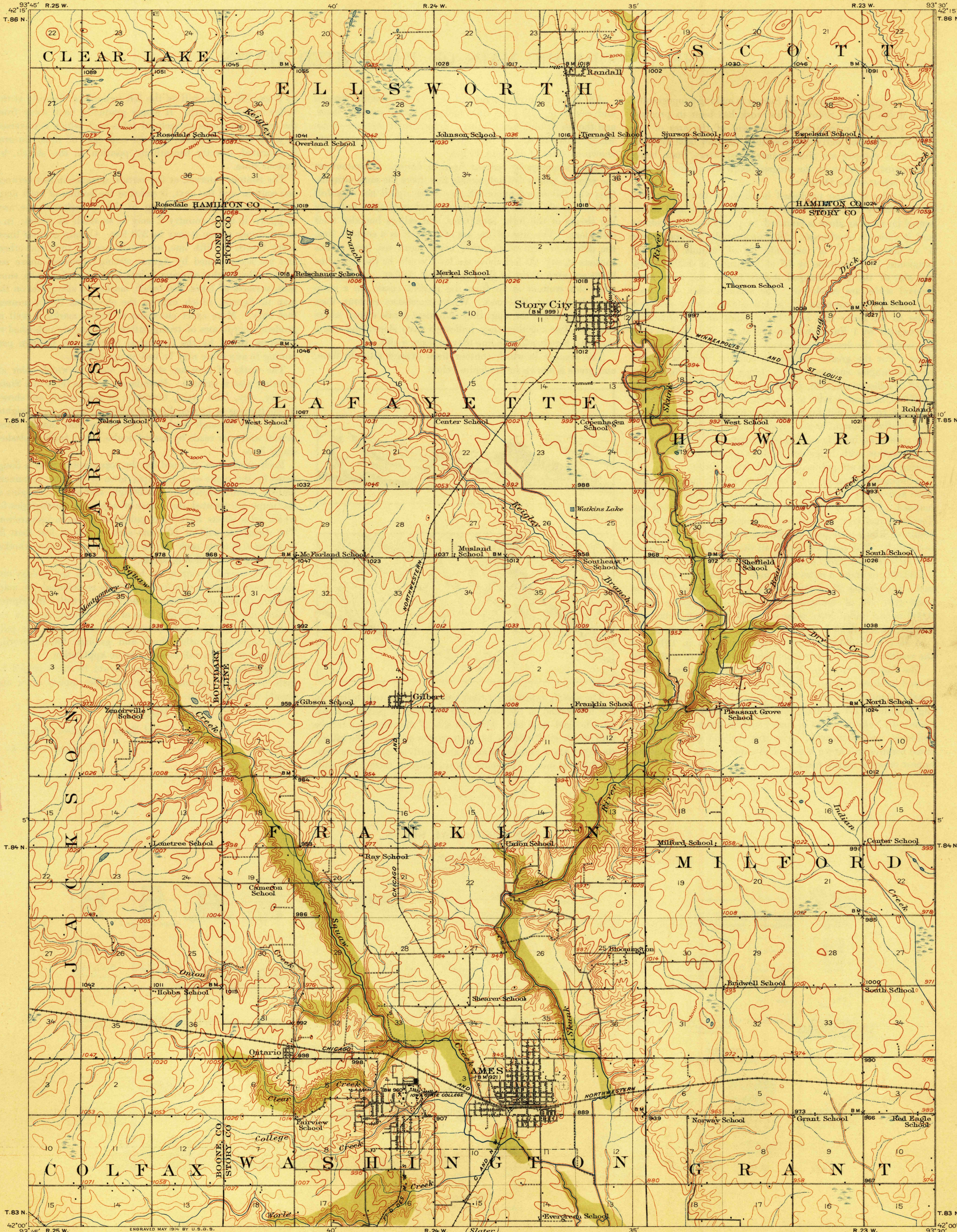


TOPOGRAPHY

STATE OF IOWA
GEOLOGICAL SURVEY
GEO. F. KAY, DIRECTOR

IOWA
AMES QUADRANGLE
R. 23 W. T. 86 N.

U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR



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(Madrid)
R. B. Marshall, Chief Geographer.
W. H. Herron, Geographer in charge.
Topography by W. L. Miller.
Control by J. R. Ellis and S. R. Archer.
Surveyed in 1912.
SURVEYED IN COOPERATION WITH THE STATE OF IOWA.

Scale 62500
1 2 3 4 5 Miles
1 2 3 4 5 Kilometers
Contour interval 20 feet.
Datum is mean sea level.

Edition of Sept. 1914.
USGS 30 1914 3533
Historical File
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