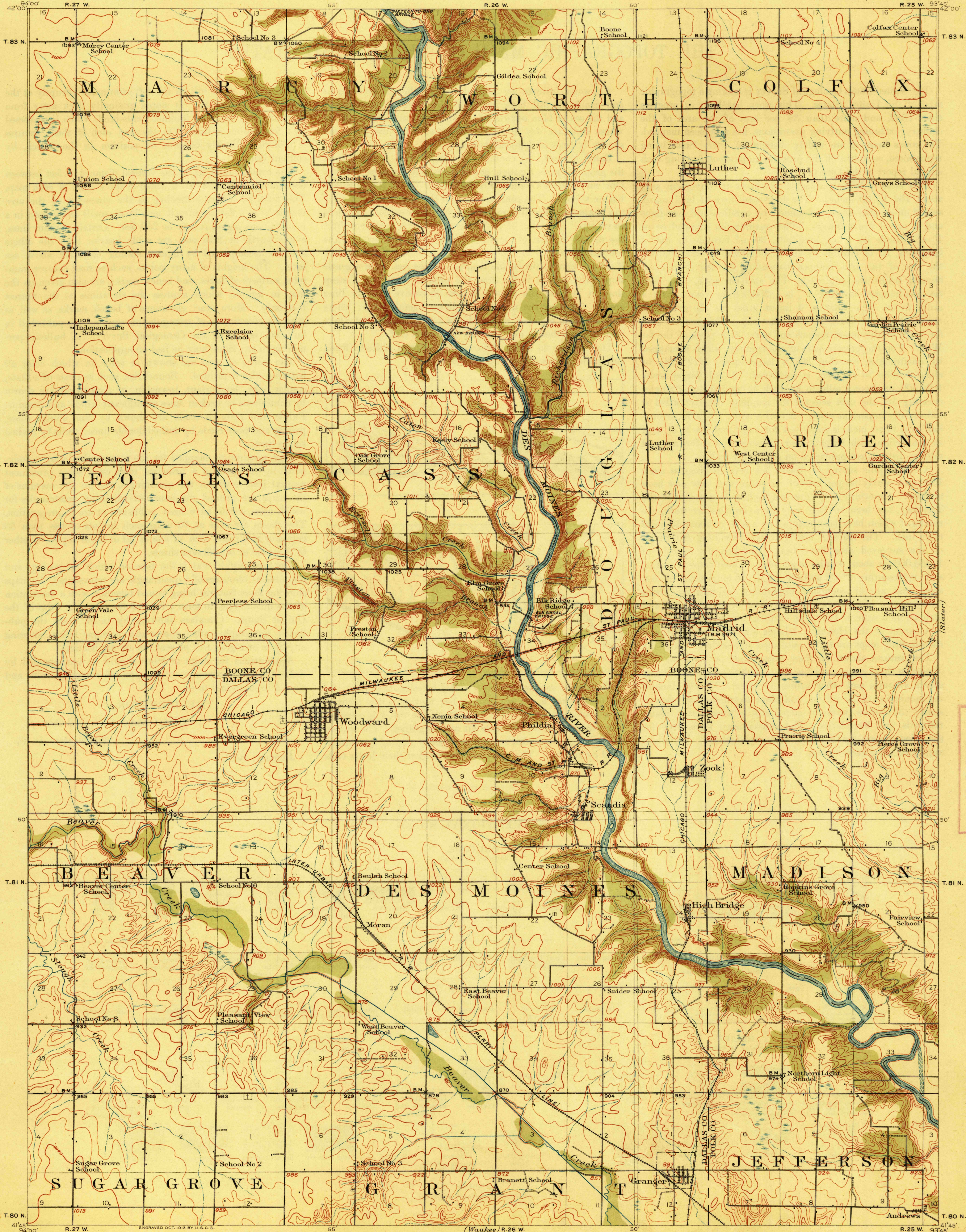


TOPOGRAPHY

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

U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

IOWA
MADRID QUADRANGLE
R. 25 W. 93° 45' (Anson)

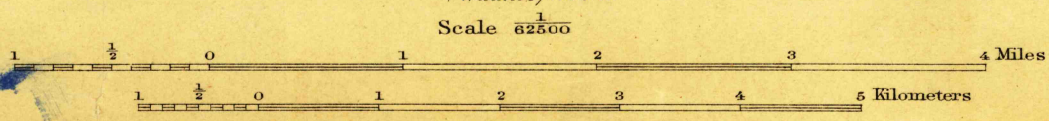


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R.B. Marshall, Chief Geographer.
W.H. Herron, Geographer in charge.
Topography by W.L. Miller.
Control by J.R. Ellis, C.B. Kendall, and Howard Clark.
Surveyed in 1911.

USGS
Historical File
Topographic Division



Contour interval 20 feet.
Datum is mean sea level.

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION 1911.

Edition of April 1914

MAY 30 1914 3543

MADRID