

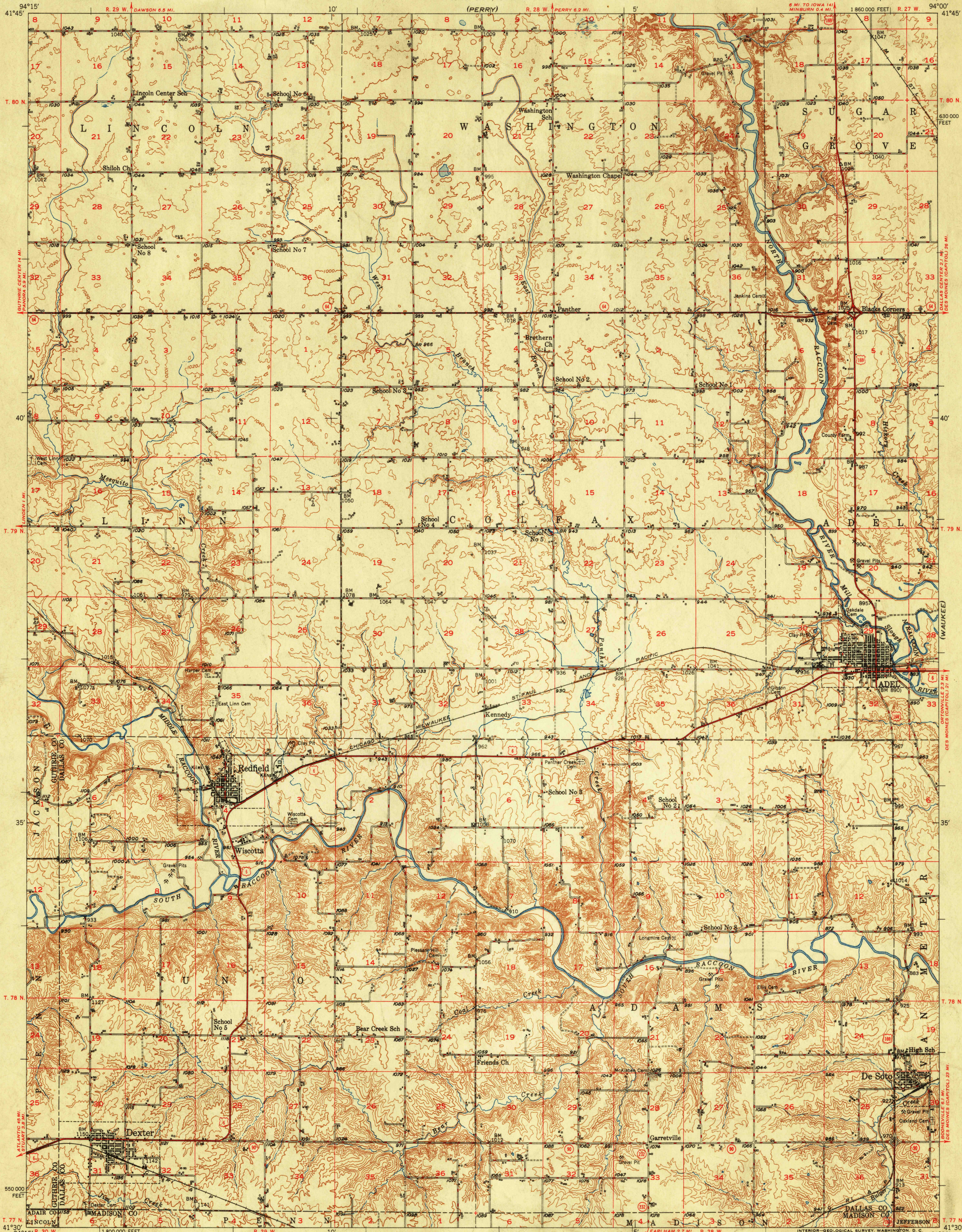
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF IOWA
GEOLOGICAL SURVEY, H. GARLAND HERSHEY, STATE GEOLOGIST
IOWA CITY, IOWA

ADEL QUADRANGLE
IOWA

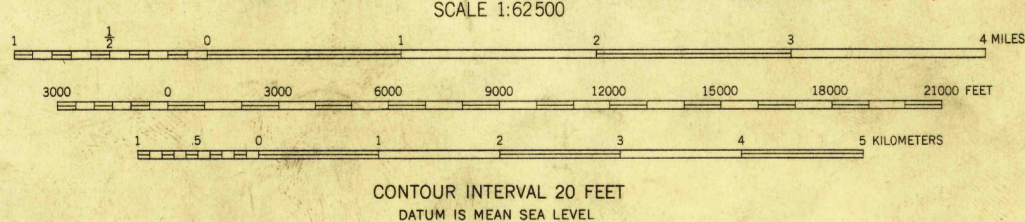
15 MINUTE SERIES (TOPOGRAPHIC)

(MADRID)



Mapped, edited, and published by the Geological Survey
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Topography by multiplex methods from aerial photographs
taken 1947, and by plane-table surveys 1949
Field check 1949
Polyconic projection. 1927 North American datum
10,000-foot grid based on Iowa coordinate system,
south zone

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1949



ROAD CLASSIFICATION
HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS
Heavy-duty... **LANE LANE** Improved dirt...
Medium-duty... **LANE LANE** Unimproved dirt...
Loose-surface, graded, or narrow hard-surface...
U. S. Route State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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