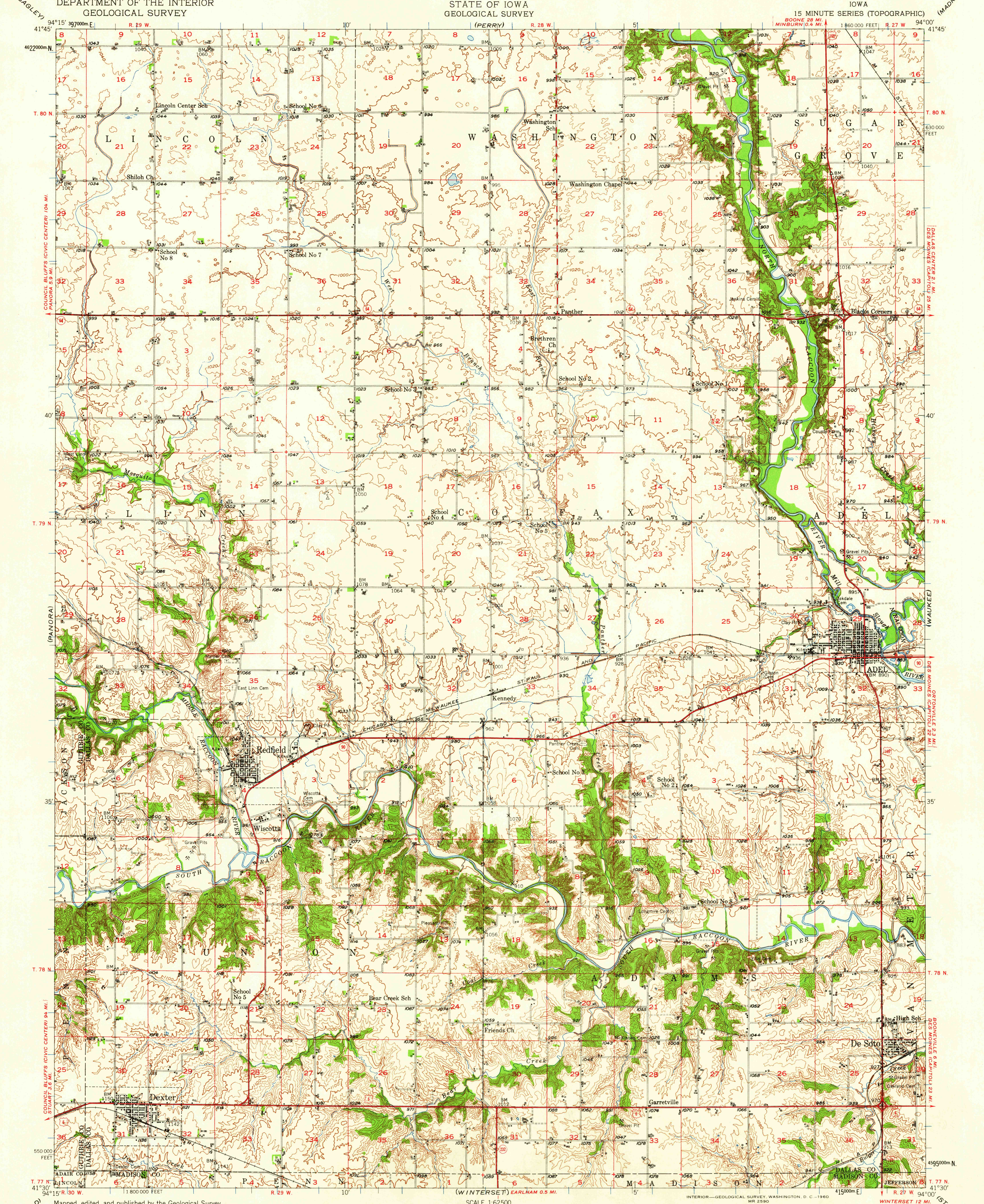
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF IOWA
GEOLOGICAL SURVEY

ADEL QUADRANGLE
IOWA
15 MINUTE SERIES (TOPOGRAPHIC)



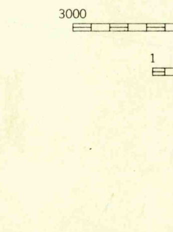
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

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

1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue



APPROXIMATE MEAN
DECLINATION, 1949

SCALE 1:62500

1 ½ 0 1 2 3 4 MILES

3000 0 3000 6000 9000 12000 15000 18000 21000 FEET

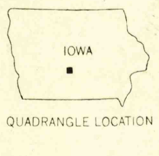
1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1960
MR 2590

ROAD CLASSIFICATION

Heavy-duty	━━	Light-duty	═══
Medium-duty	━ ━ ━	Unimproved dirt	=========
⛉ U. S. Route		○ State Route	



QUADRANGLE LOCATION

USGS
Historical File
Topographic Division

ADEL, IOWA
N4130—W9400/15

1949

AUG 29 1960

4640

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST