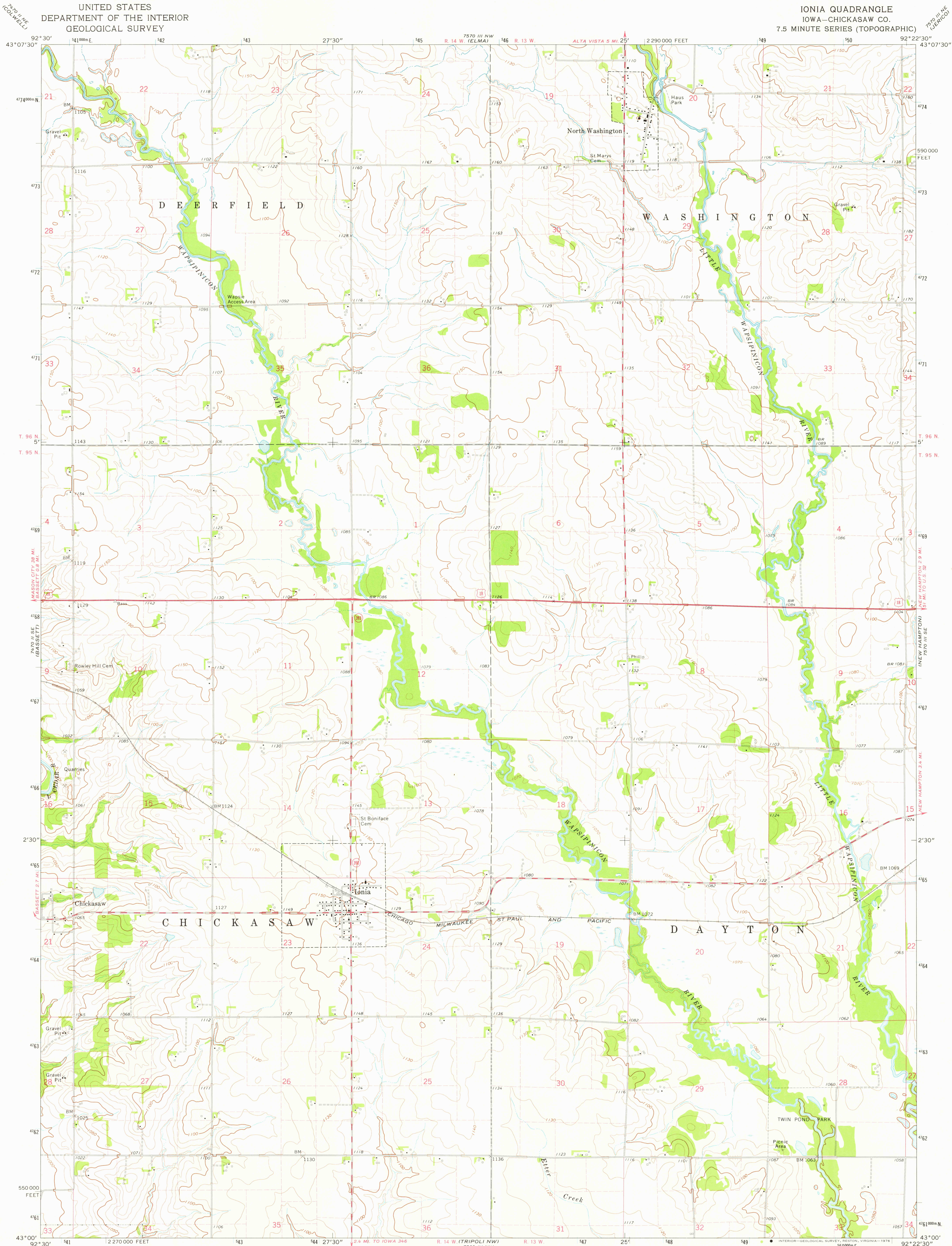


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

IONIA QUADRANGLE
IOWA—CHICKASAW CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1970. Field checked 1972

Projection and 10,000-foot grid ticks: Iowa coordinate system, north zone (Lambert conformal conic)
1000-metre Universal Transverse Mercator grid ticks, zone 15, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked



SCALE 1:24,000

1 1000 2000 3000 4000 5000 6000 7000 FEET

1 5 10 KILOMETRE

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA 52240

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

ROAD CLASSIFICATION

- Primary highway, hard surface
- Secondary highway, hard surface
- Unimproved road
- Light-duty road, hard or improved surface
- Interstate Route
- U. S. Route
- State Route

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

IONIA, IOWA
N4300—W9222.5/7.5

1972

AMS 7570 III SW—SERIES 1876

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