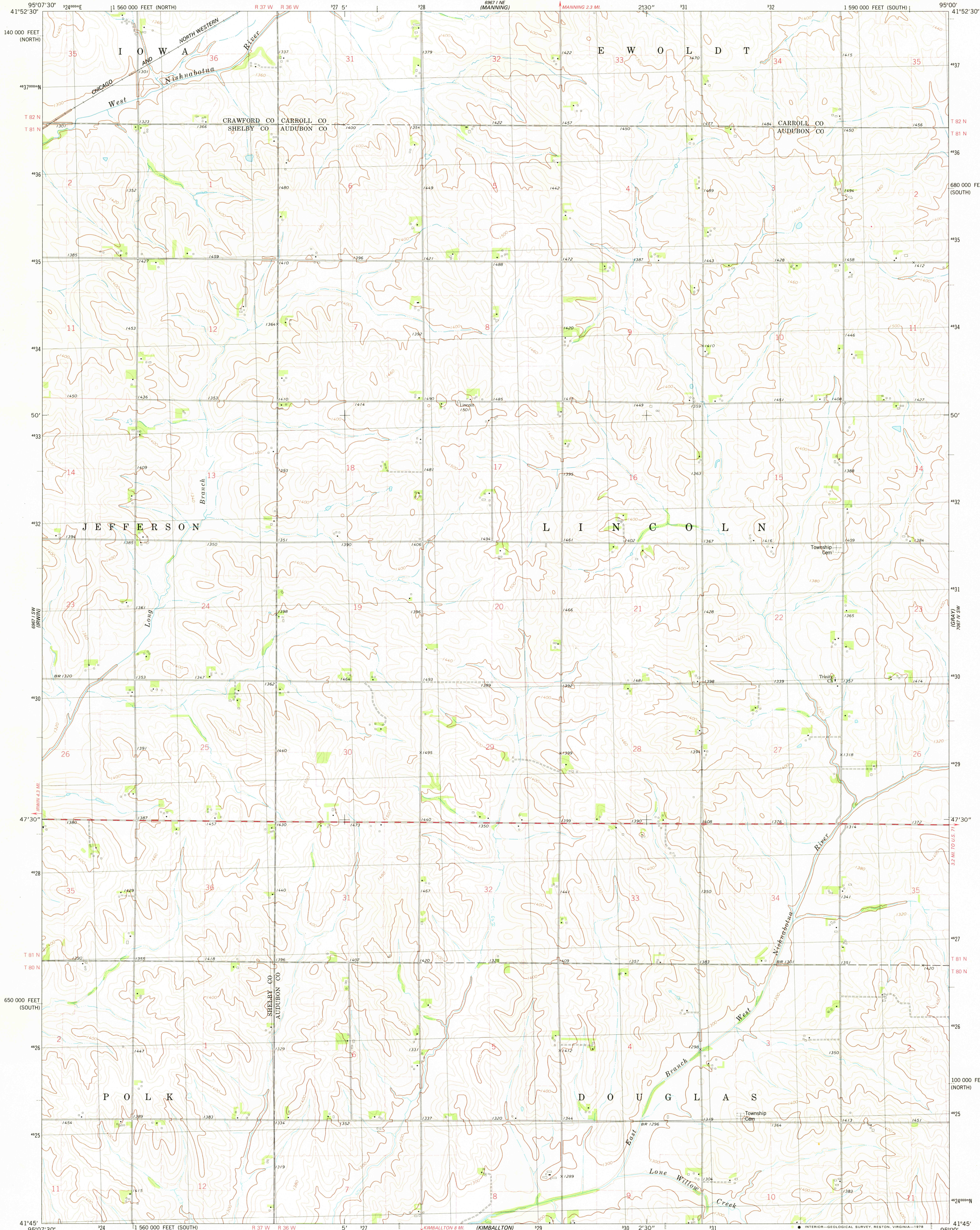


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MANNING SE QUADRANGLE
IOWA
7.5 MINUTE SERIES (TOPOGRAPHIC)



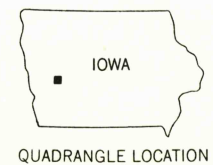
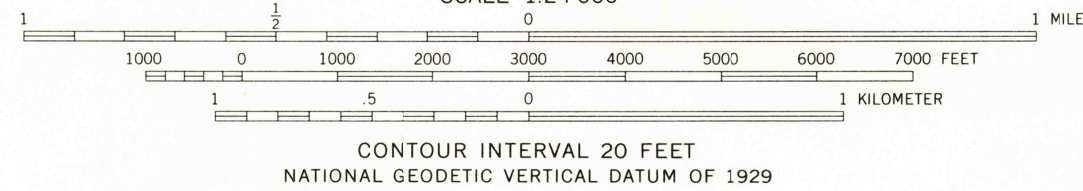
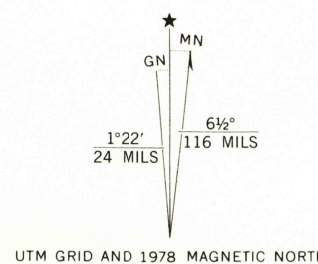
Mapped, edited, and published by the Geological Survey

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Topography by photogrammetric methods from aerial photographs taken 1973. Field checked 1975. Map edited 1978

Projection: Iowa coordinate system, south zone (Lambert conformal conic)
10,000-foot grid ticks based on Iowa coordinate system, south and north zones
1000-meter Universal Transverse Mercator grid, zone 15
1927 North American datum

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



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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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