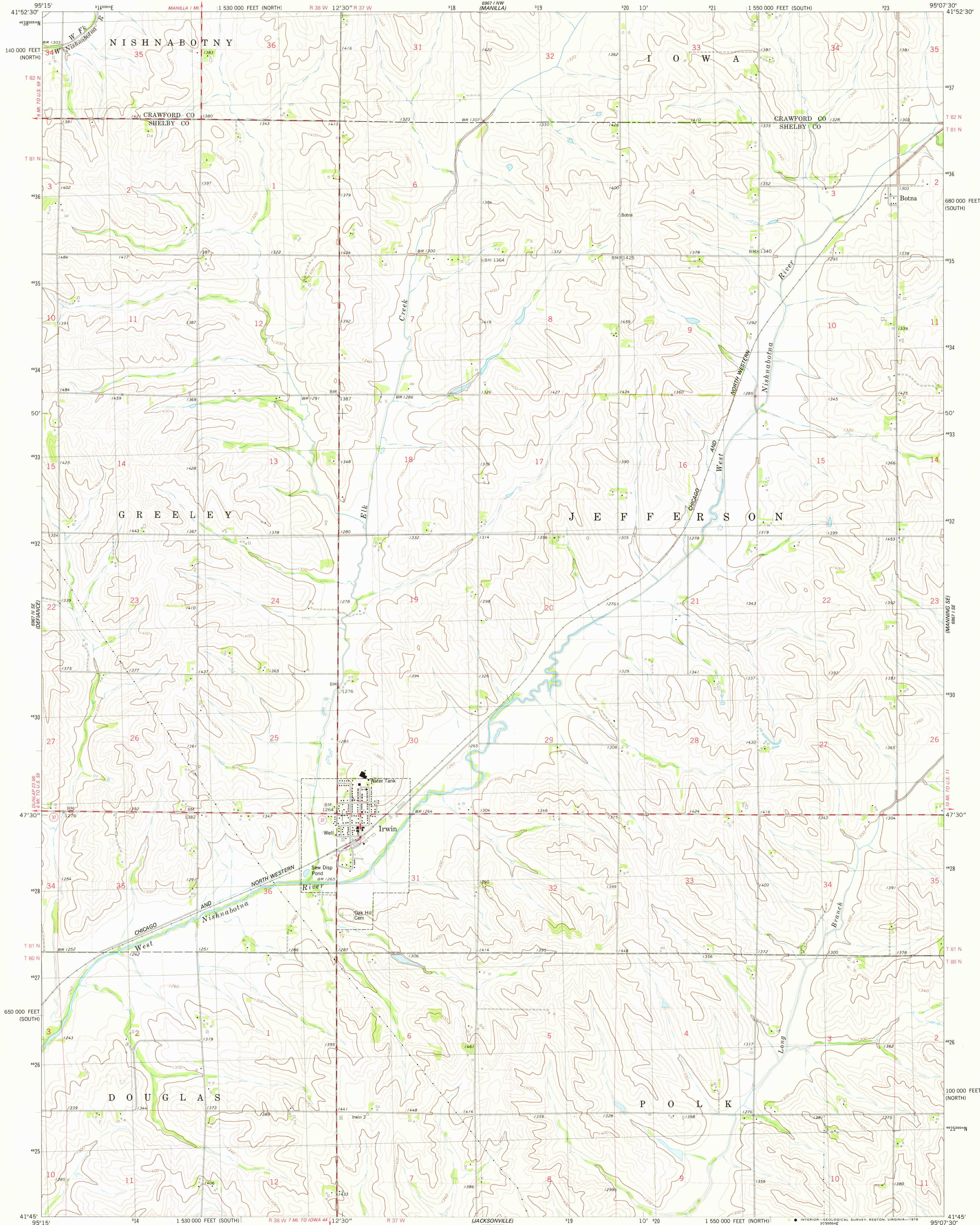
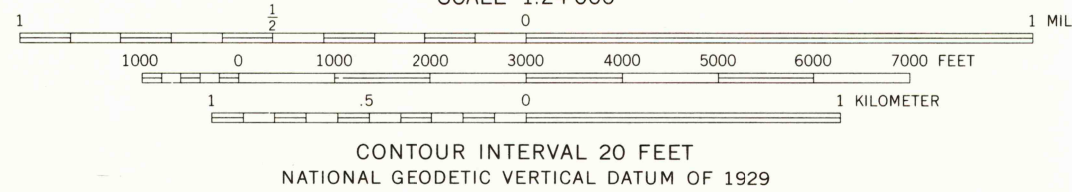
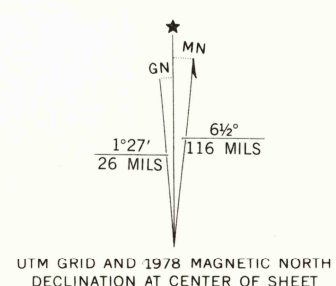


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

IRWIN QUADRANGLE
IOWA
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 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



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

USGS
Historical File
Topographic Division

IRWIN, IOWA
N4145-W9507.5/7.5
1978

AMS 6967 1 SW—SERIES V876

JAN 16 1979