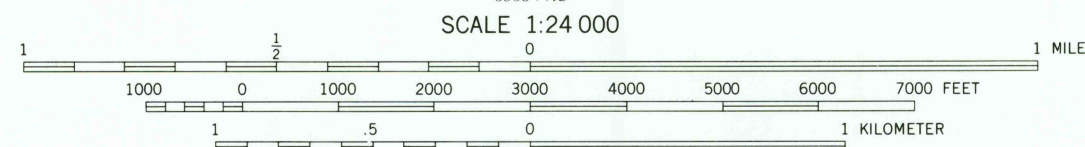
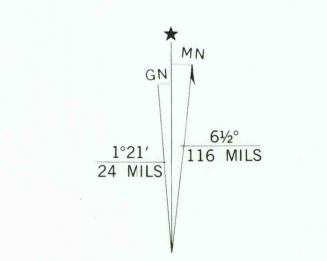




Mapped, edited, and published by the Geological Survey in cooperation with the Iowa Geological Survey. Control by USGS and NOS/NOAA. Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1976. Map edited 1978. Projection and 10,000-foot grid ticks: Iowa coordinate system, south zone (Lambert conformal conic; 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.



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.



**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

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