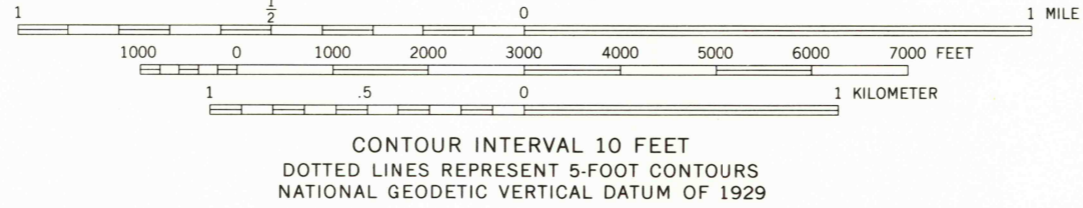
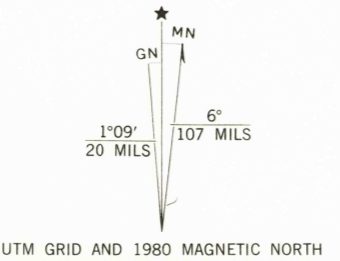
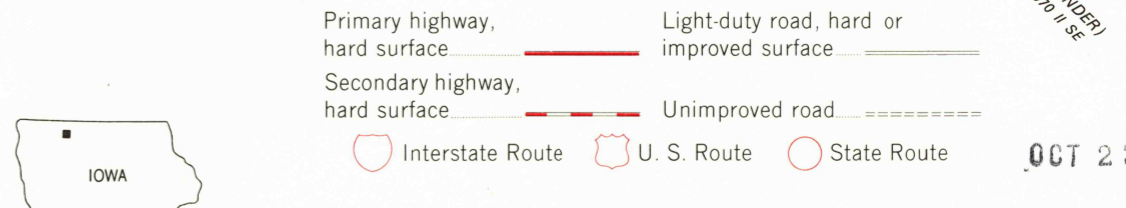


Mapped, edited, and published by the Geological Survey  
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Topography by photogrammetric methods from aerial photographs taken 1974. Field checked 1976. Map edited 1980  
Projection and 10,000-foot grid ticks: Iowa coordinate system, north zone (Lambert conformal conic)  
1000-meter Universal Transverse Mercator grid, zone 15 1927 North American Datum  
To place on the predicted North American Datum 1983 move the projection lines 6 meters north and 21 meters east as shown by dashed corner ticks  
There may be private inholdings within the boundaries of the National or State reservations shown on this map  
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked



CONTOUR INTERVAL 10 FEET  
DOTTED LINES REPRESENT 5-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Interstate Route  
U. S. Route  
State Route  
Light-duty road, hard or improved surface  
Unimproved road

USGS Historical File Topographic Division  
GRAETTINGER EAST, IOWA  
N4307.5-W9437.5/7.5  
1980  
DMA 7070 II NW-SERIES V876

06T 23 1980

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