



Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs taken 1978. Field checked 1980. Map edited 1983  
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  
To place on the predicted North American Datum 1983 move the projection lines 4 meters north and 19 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  
Areas covered by dashed light-blue pattern are subject to controlled inundation

UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET  
DOTTED LINES REPRESENT 5-FOOT CONTOURS  
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

ST. CHARLES NW, IOWA  
NW/4 ST. CHARLES 15' QUADRANGLE  
N4122.5-W9352.5/7.5

1983

DMA 7266 IV NW-SERIES V876