



Maped, 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 1979. Field checked 1980. Map edited 1982. 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 4 meters north and 19 meters east as shown by dashed corner ticks. Red tint indicates areas in which only landmark buildings are shown. Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked.

UTM GRID AND 1982 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
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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

OGDEN, IOWA
SE/4 OG DEN 15' QUADRANGLE
N4200-W9400/7.5
1982
DMA 7168 II SE-SERIES V876

APR 1 1984