



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 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

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

SCALE 1:24 000

CONTOUR INTERVAL 5 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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

Secondary highway, hard surface

Unimproved road

Interstate Route

U. S. Route

State Route

Light-duty road, hard or improved surface

Unimproved road

QUADRANGLE LOCATION

BOXHOLM, IOWA

NE/4 OGDEN 15' QUADRANGLE

N4207.5-W9400.7.5

1982

DMA 7168 II NE-SERIES V876

APR 18 1994