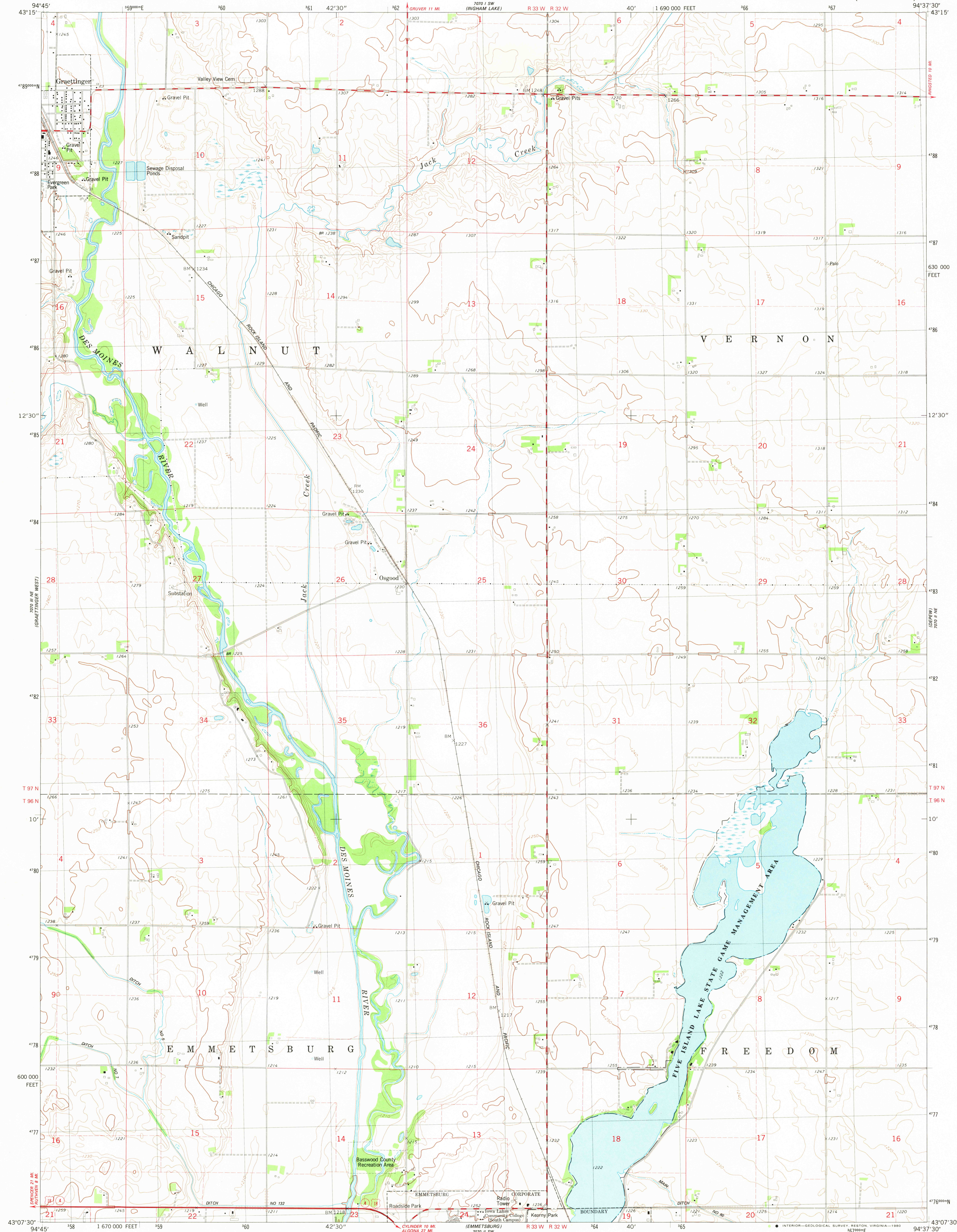


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

GRAETTINGER EAST QUADRANGLE  
IOWA—PALO ALTO CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

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

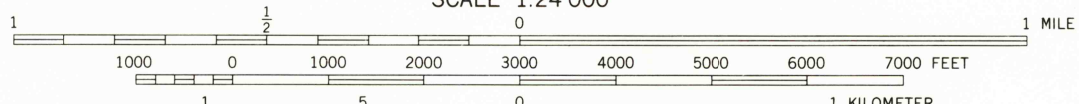
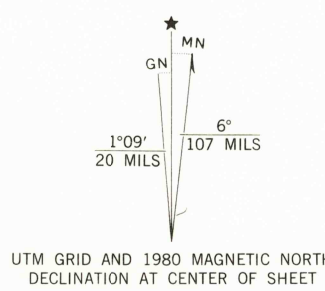
21 meters east as shown by dashed corner ticks

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  
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



QUADRANGLE LOCATION

ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Light-duty road, hard or improved surface  
Unimproved road  
Interstate Route  
U. S. Route  
State Route

GRAETTINGER EAST, IOWA

N4307.5-W9437.5/5

1980

DMA 7070 II NW-SERIES V876

067 23 1980