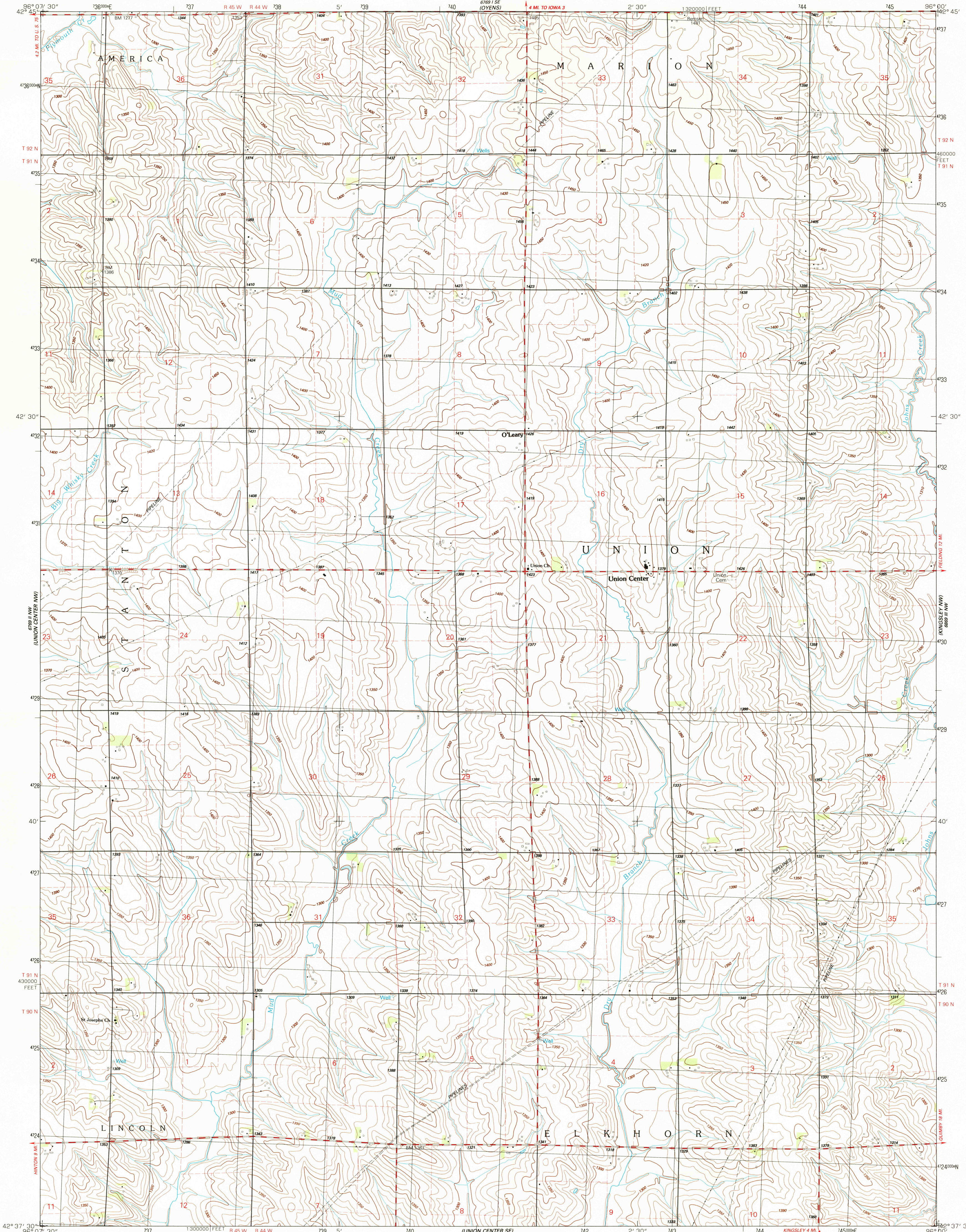


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNION CENTER QUADRANGLE  
IOWA-PLYMOUTH CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NE 4 UNION CENTER 15' QUADRANGLE

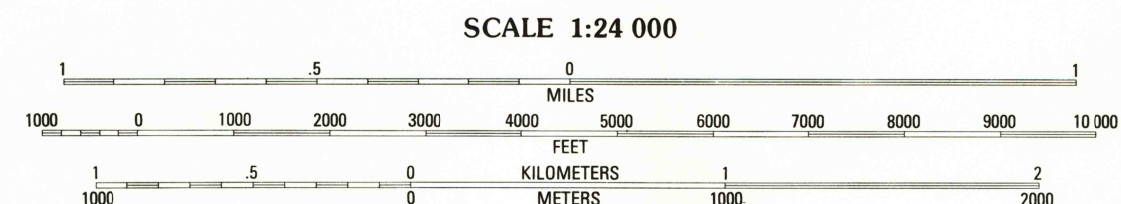
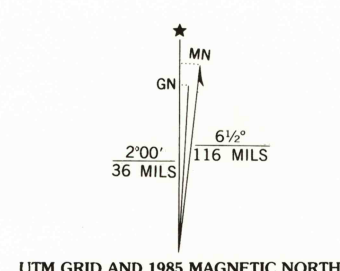


Produced by the United States Geological Survey

Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial photographs  
taken 1955. Revised from aerial photographs taken 1983  
Field checked 1985. Map edited 1985

Projection and 10,000-foot grid ticks: Iowa coordinate  
system, north zone (Lambert conformal conic)  
1000-meter Universal Transverse Mercator grid, zone 14  
1927 North American Datum  
To place on the predicted North American Datum 1983,  
move the projection lines 5 meters north and  
24 meters east as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is uncheckd



CONTOUR INTERVAL 10 FEET  
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 IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA 52240  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



Primary highway,  
hard surface . . . . .  
Secondary highway,  
hard surface . . . . .  
Unimproved road . . . . .  
Interstate Route . . . . .  
U. S. Route . . . . .  
State Route . . . . .

UNION CENTER, IOWA  
NE 4 UNION CENTER 15' QUADRANGLE  
42096-F1-TF-024

1985

DMA 6769 II NE-SERIES V876

USGS NMD HISTORICAL MAP

JUN 25 1986

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