

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

STATE OF IOWA  
IOWA GEOLOGICAL SURVEY

LE GRAND QUADRANGLE  
IOWA  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SE/4 MARSHALLTOWN 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial  
photographs taken 1958. Field checked 1960

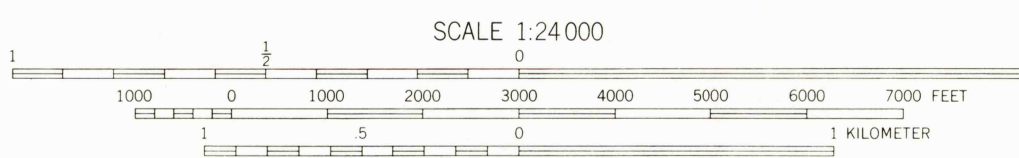
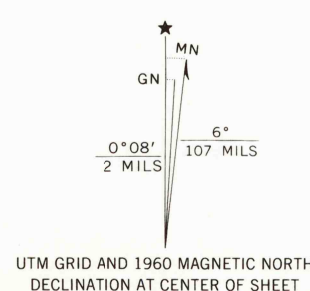
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Iowa coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue

To place on the predicted North American Datum 1983  
move the projection lines 4 meters north and  
16 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 unchecked

Map photospected 1978

No major culture or drainage changes observed



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



ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
U. S. Route ——— State Route ———

LE GRAND, IOWA  
SE/4 MARSHALLTOWN 15' QUADRANGLE  
N4200-W9245/7.5

1960  
PHOTOINSPECTED 1978  
DMA 7488 III SE-SERIES V876

AUG 25 1960