

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

OTTAWA NW QUADRANGLE  
KANSAS  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey  
as part of the Department of the Interior program  
for the development of the Missouri River Basin

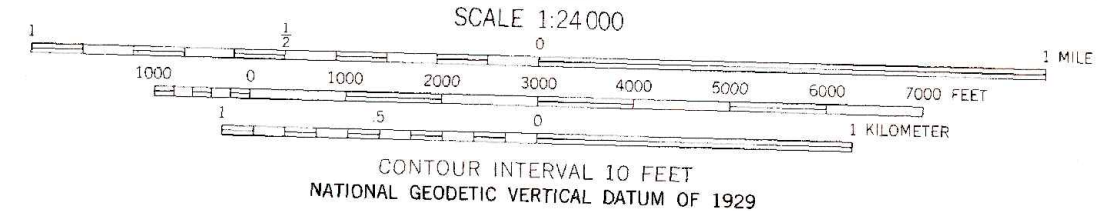
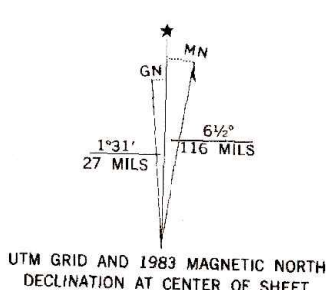
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial  
photographs taken 1963. Field checked 1965

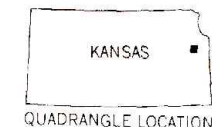
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Kansas coordinate system, north and south zones  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue

To place on the predicted North American Datum 1983,  
move the projection lines 2 meters north and  
22 meters east as shown by dashed corner ticks

Revisions shown in purple compiled from aerial photographs taken 1981 and  
other sources. This information not field checked. Map edited 1983



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND KANSAS GEOLOGICAL SURVEY, LAWRENCE, KANSAS 66044  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION  
Medium-duty ——— Light-duty ———  
Unimproved dirt ———

OTTAWA NW, KANS.  
N3837.5—W9522.5/7.5

1965  
PHOTOREVISED 1983  
DMA 6961 III NW—SERIES V878