

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

HALLS QUADRANGLE  
MISSOURI-KANSAS  
7.5 MINUTE SERIES (ORTHO PHOTOQUAD)



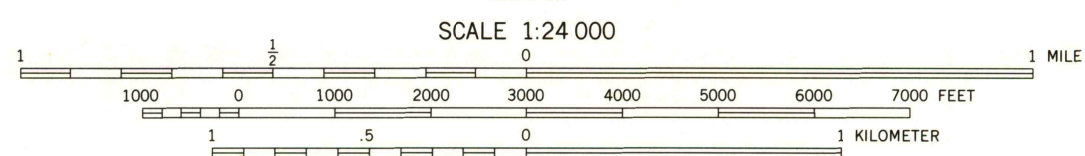
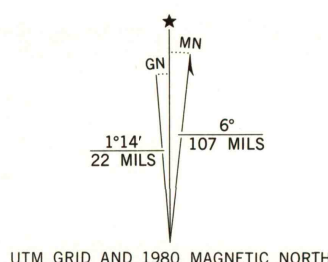
Produced and published by the Geological Survey  
in cooperation with the Soil Conservation Service

Orthophotograph prepared from 1:80 000-scale  
aerial photograph taken March 21, 1980

Projection: Missouri coordinate system, west zone  
(transverse Mercator)  
10,000-foot grid ticks based on Missouri coordinate system,  
west zone and Kansas coordinate system, north zone  
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  
21 meters east as shown by dashed corner ticks

Photomicroscopy rectified by optical scanning  
which may produce double or mismatched images;  
use the mean of image positions for map point



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092,  
AND THE DIVISION OF GEOLOGY AND LAND SURVEY  
MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401  
AND STATE GEOLOGICAL SURVEY, LAWRENCE, KANSAS 66044



PRINCIPAL NUMBERED HIGHWAYS  
Interstate Route U. S. Route State Route

This quadrangle area also covered by  
1:24 000-scale topographic map

HALLS, MO.-KANS.  
N3937.5-W9452.5/7.5

1980

DMA 7063 III NW-SERIES V079

Land lines from corresponding 1:24 000-scale topographic  
map dated 1961. There may be discrepancies between  
positions of land lines and photomicroscopy

DEC 7 1980

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