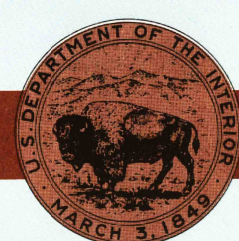


30 X 60 MINUTE QUADRANGLE
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1981

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1949-1979. Planimetry revised from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1981

Projection and 10 000-meter grid, zone 15,
Universal Transverse Mercator
25 000-foot grid ticks based on Missouri coordinate
system, central zone

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

GN MN

9° 19' 71° 41'

6° 15'

UTM grid convergence (GN and MN) magnetic declination (MN) at center of map Diagram is approximate

ADJOINING MAPS

1	2	3
1	Trenton	
2	Kirkville	
3	Chillicothe	
4	Chillicothe	
5	6	7
6	7	8
7		
8		

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 8022
OR RESTON, VIRGINIA 22092

Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Other road or street, trail	
Route marker: Interstate, U.S. State	
Railroad: standard gauge, narrow gauge	
Bridge, overpass, underpass	
Tunnel road, railroad	
Built up area, locality, elevation	
Airport, landing field, landing strip	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary	
U.S. public lands survey: range, township, section	
Range, township, section line: protected	
Power transmission line: pipeline	
Dam, dam with lock	
Cemetery, building	
Windmill, water well, spring	
Mine shaft: adit or cave; mine, quarry; gravel pit	
Campground; picnic area; U.S. location monument	
Run, effluent, dwelling	
Disturbed surface: strip mine, lava, sand	
Contour, index, intermediate, supplementary	
Relief: bathymetric; contour; index; intermediate	
Stream, lake, perennial; intermittent	
Rapids, large small, falls, large and small	
Area to be submerged, marsh, swamp	
Land subject to potential inundation, woodland	
Scrub, mangrove	
Orchard, vineyard	

A pamphlet describing topographic maps is available on request

RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES

MACON, MISSOURI
N3930-W9200/30 X 60

1981