



Topeka KANSAS—MISSOURI

1:100 000-scale metric
topographic map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



1983

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1948-1982. Planimetry revised from aerial photographs taken 1981-82 and other source data. Revised information not field checked. Map edited 1983.
Projection and 10 000-meter grid, zone 15.
Universal Transverse Mercator
25 000-foot grid ticks based on Kansas coordinate system, north zone
1927 North American Datum
To place on the predicted North American Datum, 1983, move the projection lines 3 meters north and 22 meters east.
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 1989
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.2808		4	5		
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9658					
8	26.2467					
9	29.5275					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (G) and 100 meters declination (M) at center of map		1 Blue Rapids 2 Atchison 3 Saint Joseph 4 Manhattan 5 Kansas City 6 Council Grove 7 Lawrence 8 Olathe		
To convert feet to meters multiply by 0.3048		Diagram is approximate				

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
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
- Road marker, intermittent, U.S. State
- Railroad, standard gauge, narrow gauge
- Bridge, culverts, 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, protracted
- Power transmission line, pipeline
- Dam, dam with lock
- Cemetery, building
- Visually water wall, spring
- Mine shaft, sink or cave, mine, quarry, gravel pit
- Campground, picnic area, U.S. location monument
- Ruin, old dwelling
- Oriented surface: strip mine, level, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake, perennial, intermittent
- Rapids, large and small, falls, large and small
- Area to be submerged, marsh, swamp
- Land subject to controlled inundation, woodland
- Scrub, mangrove
- Orchard, vineyard

A pamphlet describing topographic maps is available on request