



# Joplin

## MISSOURI-KANSAS

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

1991

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1958-1981. Planimetry revised from aerial photographs taken 1988-89 and other source data. Revised information not field checked. Map edited 1991

Projection and 10 000-meter grid, zone 15

Universal Transverse Mercator

25 000-foot grid ticks based on Missouri coordinate system, south zone

1927 North American Datum

To place on the predicted North American Datum 1983, move the projection lines 2 meters south and 19 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 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

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

1 Chanute  
2 Nevada  
3 Rolla  
4 Coffeyville  
5 Springfield  
6 Bartlesville  
7 Nowata  
8 Table Rock Lake

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80215 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 gage, narrow gage	Bridge: covered, 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, projected	Power transmission line, pipeline	Dam: dam with lock	Cemetery, building	Woods: water well, spring, intermittent	Mine shaft: coal or iron, mine, quarry, gravel pit	Campground, picnic area, U.S. location monument	Ruin, cliff dwelling	Distorted surface: strip mine, lava, 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, wetland	Scrub, mangrove	Orchard, vineyard
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A perspective drawing topographic map is available on request

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