


# Rolla

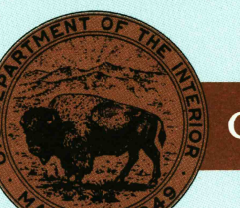
## MISSOURI

1:100 000-scale  
planimetric map



30 X 60 MINUTE QUADRANGLE  
SHOWING

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



GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated 1950-1965. Planimetry revised from aerial photographs taken 1983-85 and other source data. Revised information not field checked. Map edited 1986.  
Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator.  
25 000-foot grid ticks based on Missouri coordinate system, east and central zones  
1927 North American Datum  
To place on the predicted North American Datum 1983, move the projection lines 2 meters south and 12 meters east  
There may be private inholdings within the boundaries of the National or State reservations shown on this map

NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS				
Meters	Feet	Magnetic Declination		1	2	3		
1	3.2808	1985		4	5			
2	6.5617	1986		6	7	8		
3	9.8425	1987						
4	13.1234	1988						
5	16.4042	1989						
6	19.6850	1990						
7	22.9658	1991						
8	26.2466	1992						
9	29.5274	1993						
10	32.8082	1994						
To convert meters to feet multiply by 3.2808		To convert feet to meters multiply by 0.3048		1 Lake of the Ozarks				
				2 Sullivan				
				3 Potosi				
				4 Lebanon				
				5 Farmington				
				6 Mountain Grove				
				7 Spring Valley				
				8 Piedmont				

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	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 lands survey, range, township, section	U.S. public lands survey, range, township, section	Range, township, section line, protected	Power transmission line, pipeline	Dam, dam with lock	Cemetery, building	Wetland, water with spring	Mine shaft, adit or cave, mine, quarry, gravel pit	Campground, picnic area, U.S. location monument	Ruins, 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, woodland	Salt, mangrove	Drainage, viewshed
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A pamphlet describing topographic maps is available on request