

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, 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: protracted
Power transmission line, pipeline
Dam, dam with lock
Cemetery, building
Windmill, water well, spring
Mine shaft, adit or cave, mine, quarry, gravel pit
Ruins, old dwelling
Campground, picnic area, U.S. location monument
Area to be submerged, marsh, swamp
Land subject to controlled inundation, woodland
Scrub, mangrove
Orchard, vineyard

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
2	6.5608		1	2	3	
4	13.1217		4		5	
6	19.6825		6	7	8	
8	26.2434					
10	32.8043					
To convert meters to feet multiply by 3.2808						
To convert feet to meters multiply by 0.3048						

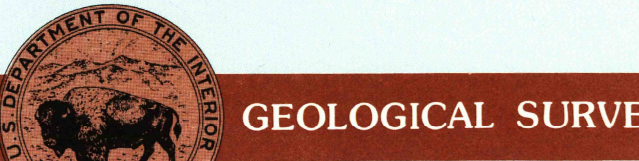
CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1938-1982. Planimetry revised from aerial photographs taken 1978-80 and other source data. Revised information not field checked. Map edited 1984.
Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator
25 000-foot grid ticks based on Missouri coordinate system, central and west zones
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 1 meter south and 17 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map

30 X 60 MINUTE QUADRANGLE SHOWING

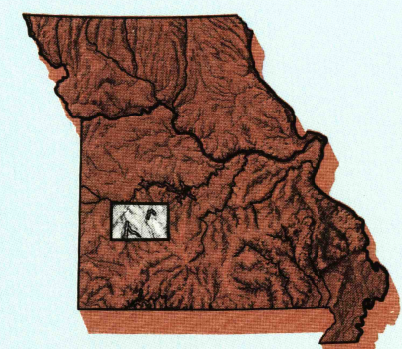
- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



1984

Bolivar MISSOURI

1:100 000-scale metric topographic map



37093-E1-TM-100