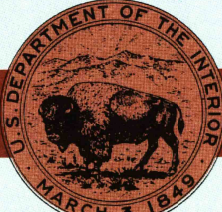




30 X 60 MINUTE QUADRANGLE  
SHOWING

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



Produced by the United States Geological Survey

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1933-1983. Planimetry revised from aerial photographs taken 1978, 1980-82 and other source data. Revised information not field checked. Map edited 1983.

Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator. To place on the predicted North American Datum 1983, move the projection lines 1 meter south and 15 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 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

The diagram shows three vertical lines representing different north directions. From left to right: a line labeled 'GN' (Grid North), a line labeled 'M' (Magnetic North) with an angle of '11° 15' between GN and M, and a line labeled 'T' (True North) with an angle of '11° 30' between M and T. Below the GN line, there is a label '0°19' 6 MILS'.

UTM grid convergence (G) and 1983 magnetic declination (M) at center of map. Diagram is approximate.

# ADJOINING MAPS

1	2	3
4	5	
6	7	8

- 1 Sedalia
- 2 Jefferson City
- 3 Fulton
- 4 Harry S Truman Reservoir
- 5 Sulfur
- 6 Bolivar
- 7 Lebanon
- 8 Rolla

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 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	
Campground; picnic area; U.S. location monument	
Rune; cliff dwelling	
Disturbed 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	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request