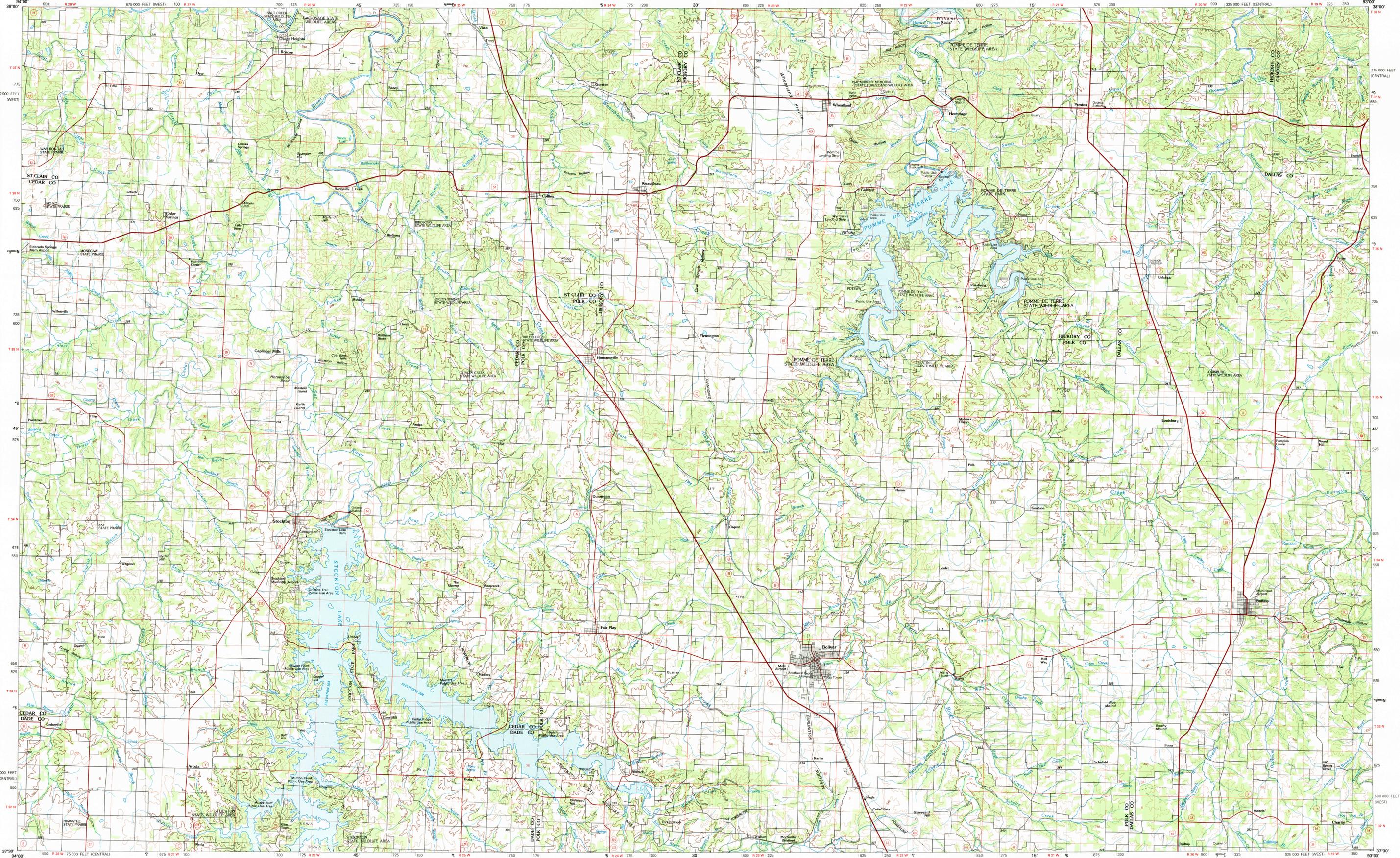


BOLIVAR, MISSOURI

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



Bolivar 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

GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1978-1982. Planimetry revised from aerial photographs taken 1978-80 and other source data. Map edited 1984. Field checked. Revised information not 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

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5616
3	9.8424
4	13.1232
5	16.4040
6	19.6848
7	22.9656
8	26.2464
9	29.5272
10	32.8080

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM	ADJOINING MAPS
	1 Butler
	2 Harry S. Truman Reservoir
	3 Lake of the Ozarks
	4 Nevada
	5 Lebanon
	6 Joplin
	7 Springfield
	8 Mountain Grove

UTM grid convergence (90° and 190° magnetic declination (MAG)) at center of map
 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	
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	
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

BOLIVAR, MISSOURI
 37093-E1-TM-100
 1984
 RETURN TO:
 USGS AND HISTORICAL MAP ARCHIVES

