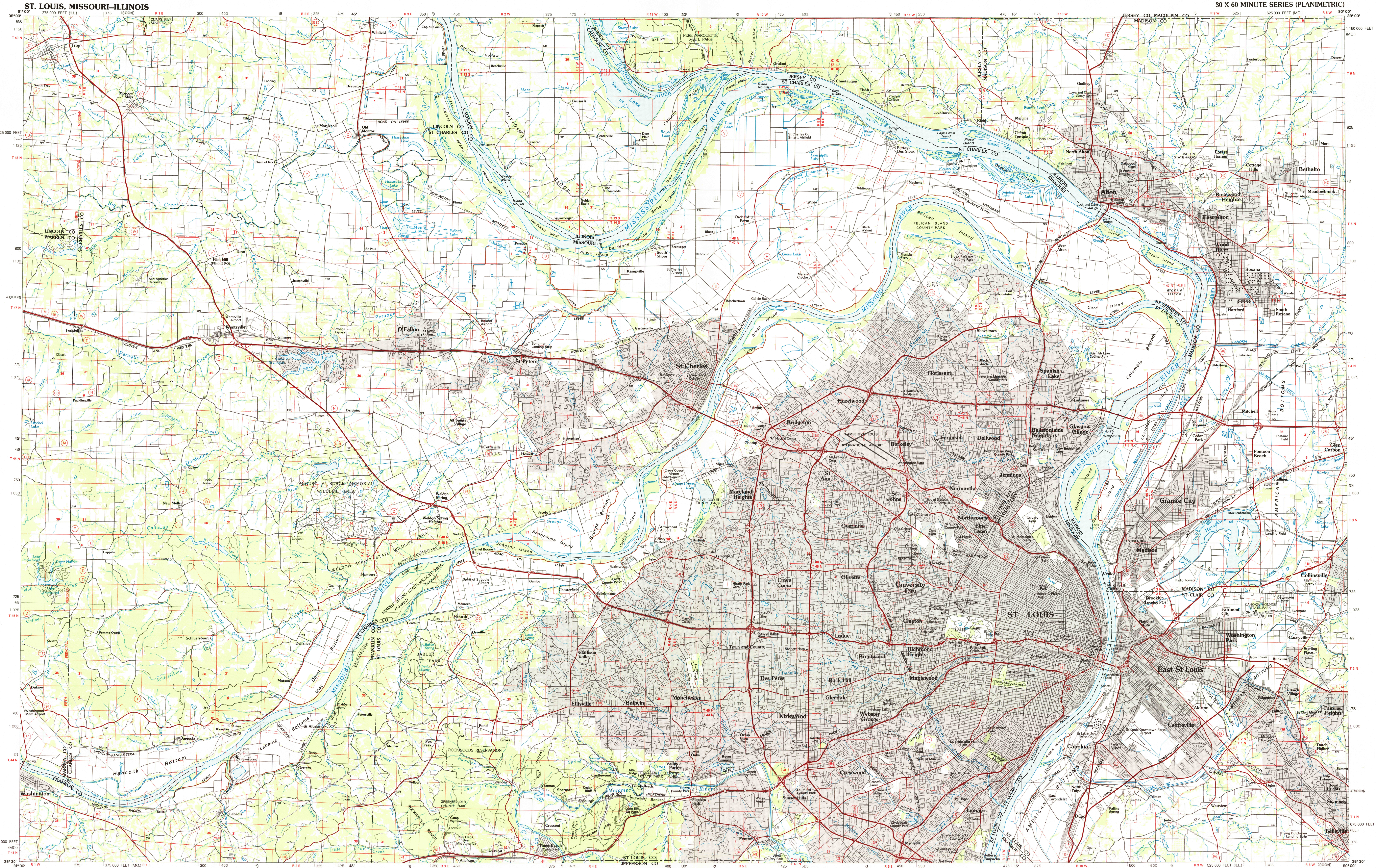
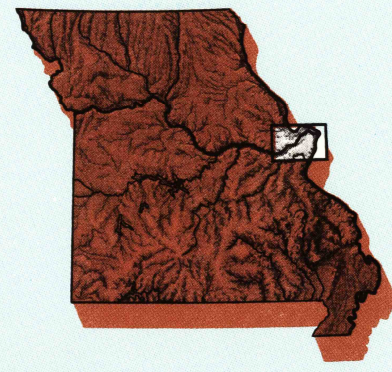




St. Louis

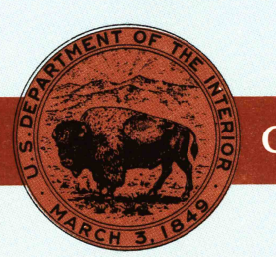
MISSOURI-ILLINOIS

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

1985

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1951-1982. Planimetry revised from aerial photographs taken 1982-83 and other source data. Revised information not field checked. Map edited 1985.
Projection and 100 000-meter grid, zone 15, Universal Transverse Mercator.
25 000-foot grid ticks based on Missouri coordinate system, east zone and Illinois coordinate system, west zone 1927 North American Datum.
To place on the predicted North American Datum 1983, move the projection lines 2 meters south and 10 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	
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	29.5275
10	32.8084

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

DECLINATION DIAGRAM	
GN Miles 3° 13' N 3° 13' S	

UTM grid convergence (10N and 10S magnetic declination 11M)
To convert feet to meters multiply by 0.3048
Diagram is approximate

ADJOINING MAPS		
1	2	3
4	5	6
7	8	

1 Mexico
2 Jerseyville
3 Litchfield
4 Fulton
5 Cahokia Lake
6 Sullivan
7 Fenton
8 Pinckneyville

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

USGS NMD HISTORICAL MAP

FEB 10 1986

REC'D FILE COPY

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.....
- 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.....
- Ruin; cliff dwelling.....
- Disputed surface: strip mine, lava, sand.....
- Contour: 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