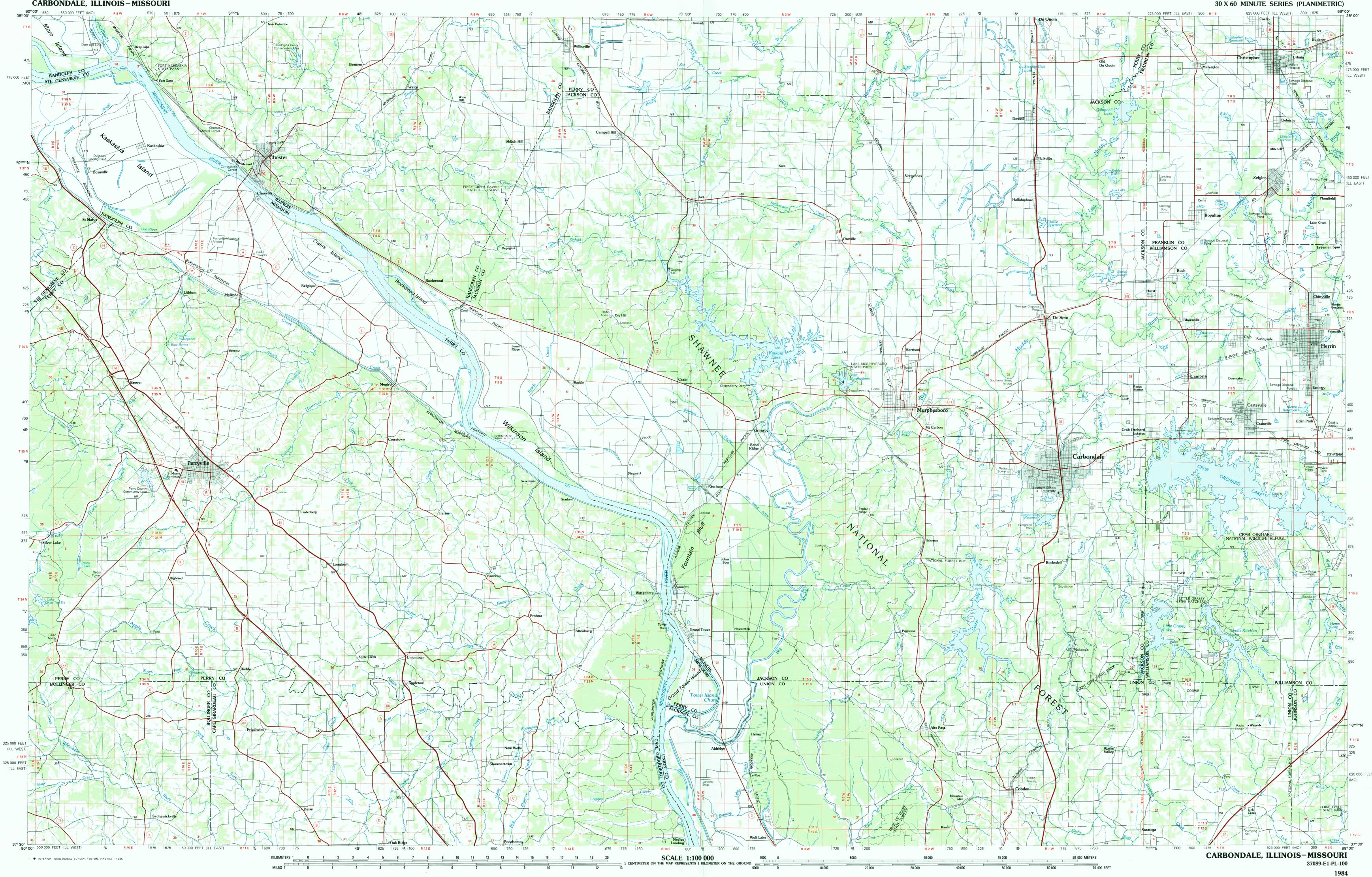
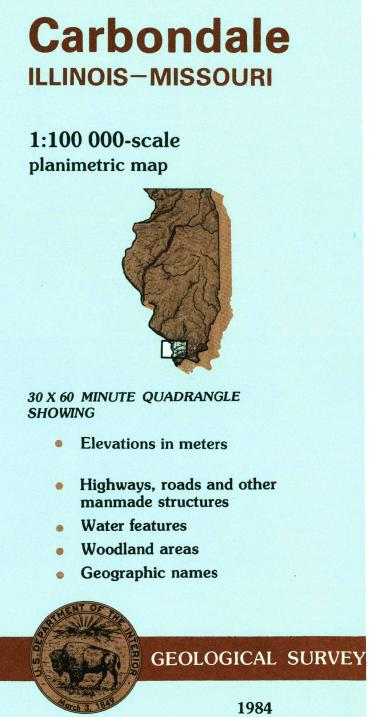
CARBONDALE, ILLINOIS-MISSOURI



30 X 60 MINUTE SERIES (PLANIMETRIC)

37089-E1-PL-100



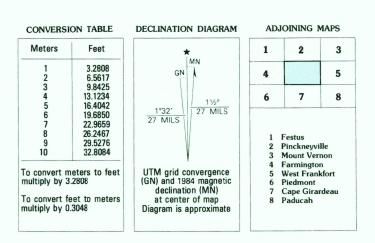
Produced by the United States Geological Survey Compiled from USGS 1:24 000-scale topographic maps dated 1966–1980. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1984 Projection and 10 000-meter grid, zone 16: Universal Transverse

Mercator 25 000-foot grid ticks based on Illinois coordinate system, west zone, Missouri coordinate system, east zone, and Illinois coordinate

system, east zone 1927 North American Datum To place on the predicted North American Datum 1983 move the projection lines 3 meters south and 7 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



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..... $\longrightarrow - \longleftarrow \longrightarrow - \longleftarrow$ Tunnel: road; railroad...... • 15 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... 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 Sand and a see of Scrub; mangrove..... Orchard; vineyard.....

A pamphlet describing topographic maps is available on request