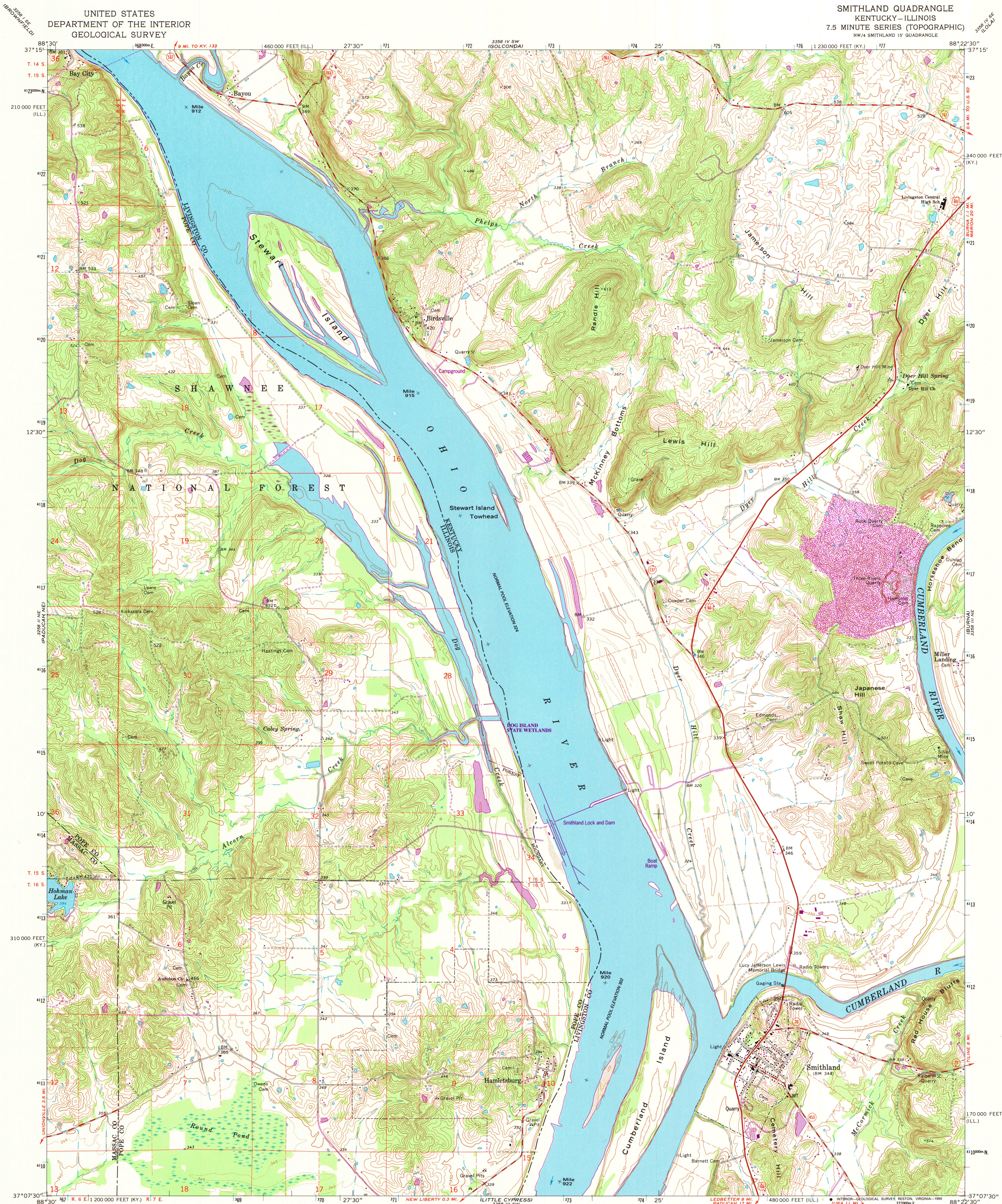


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SMITHLAND QUADRANGLE
KENTUCKY-ILLINOIS
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 SMITHLAND 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey. Kentucky area mapped in cooperation with Kentucky Geological Survey. Control by USGS, NOS/NOAA and USCE.

Topography of Kentucky area by photogrammetric methods from aerial photographs taken 1952. Field checked 1954. Revised 1967. Topography of Illinois area by photogrammetric methods from aerial photographs taken 1965. Field checked 1967.

Polyconic projection. 1927 North American datum. 10,000-foot grids based on Kentucky coordinate system, south zone, and Illinois coordinate system, east zone. 1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue.

The state boundary as shown represents the approximate position of the low waterline as determined from U. S. Corps of Engineers, Ohio River Charts, surveyed 1913, and supplementary information. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

UTM GRID AND 1990 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET. To place on the predicted North American Datum 1983, move the projection lines 4 meters south and 4 meters east as shown by dashed corner ticks. Contours in strip mine area may not accurately represent present topography.

SCALE 1:24,000

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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SMITHLAND, KY.-ILL.
NW/4 SMITHLAND 15' QUADRANGLE
37088B4-IT-024

1967
PHOTOREVISED 1990
DMA 3358 III NW-SERIES V853

A.H. ROBINSON
MAP LIBRARY
MAY 29 1991

University of Wisconsin
Madison

Revisions shown in purple compiled in cooperation with U.S. Forest Service from aerial photographs taken 1988 and other sources. Partially field checked by U.S. Forest Service. Map edited 1990.