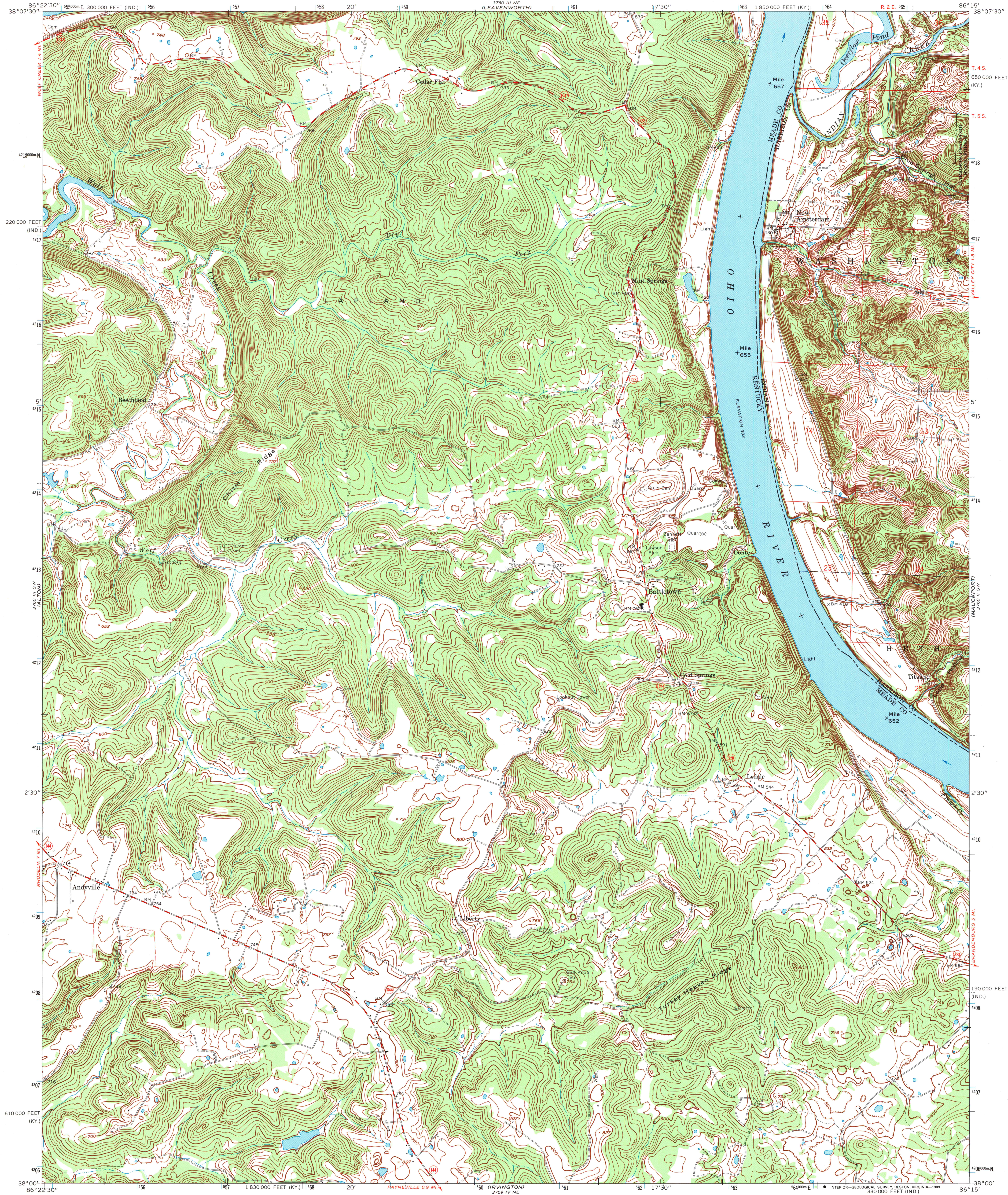


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW AMSTERDAM QUADRANGLE
KENTUCKY-INDIANA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 ALTON 15' QUADRANGLE

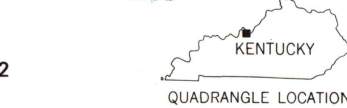


Mapped by the Geological Survey and the Army Map Service
Edited and published by the Geological Survey in cooperation
with Indiana Department of Natural Resources
Revised in cooperation with Indiana Department of Natural Resources
Control by USGS, USC&GS, and USCE
Topography in Kentucky by photogrammetric methods from aerial photographs
taken 1947. Field checked 1950. Topography in Indiana by planetable
surveys 1945. Revised from aerial photographs taken 1969.
Field checked 1970.
Polyconic projection. 1927 North American datum
10,000-foot grids based on Kentucky coordinate system, south zone,
and Indiana coordinate system, east zone
100-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
The state boundary as shown represents the approximate position of the
low water line as determined from U. S. Corps of Engineers
Ohio River charts, surveyed 1912, and supplementary information

SCALE 1:24,000
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 10 15 20 KILOMETER
CONTOUR INTERVAL IN KENTUCKY 20 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
CONTOUR INTERVAL IN INDIANA 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22082
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506
KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601,
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ARTHUR H. ROBINSON MAP LIBRARY
University of Wisconsin-Madison

JUN 1 1989



To place on the predicted North American Datum 1983,
move the projection lines 3 meters south and
1 meter west as shown by dashed corner ticks
Map photoinspected 1978
No major culture or drainage changes observed

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Unimproved road
Light-duty road, hard or improved surface
Interstate Route
U. S. Route
State Route

NEW AMSTERDAM, KY.-IND.
SE/4 ALTON 15' QUADRANGLE
38086-A3-TF-024

1970
PHOTOINSPECTED 1978
DMA 3760 III SE-SERIES V853