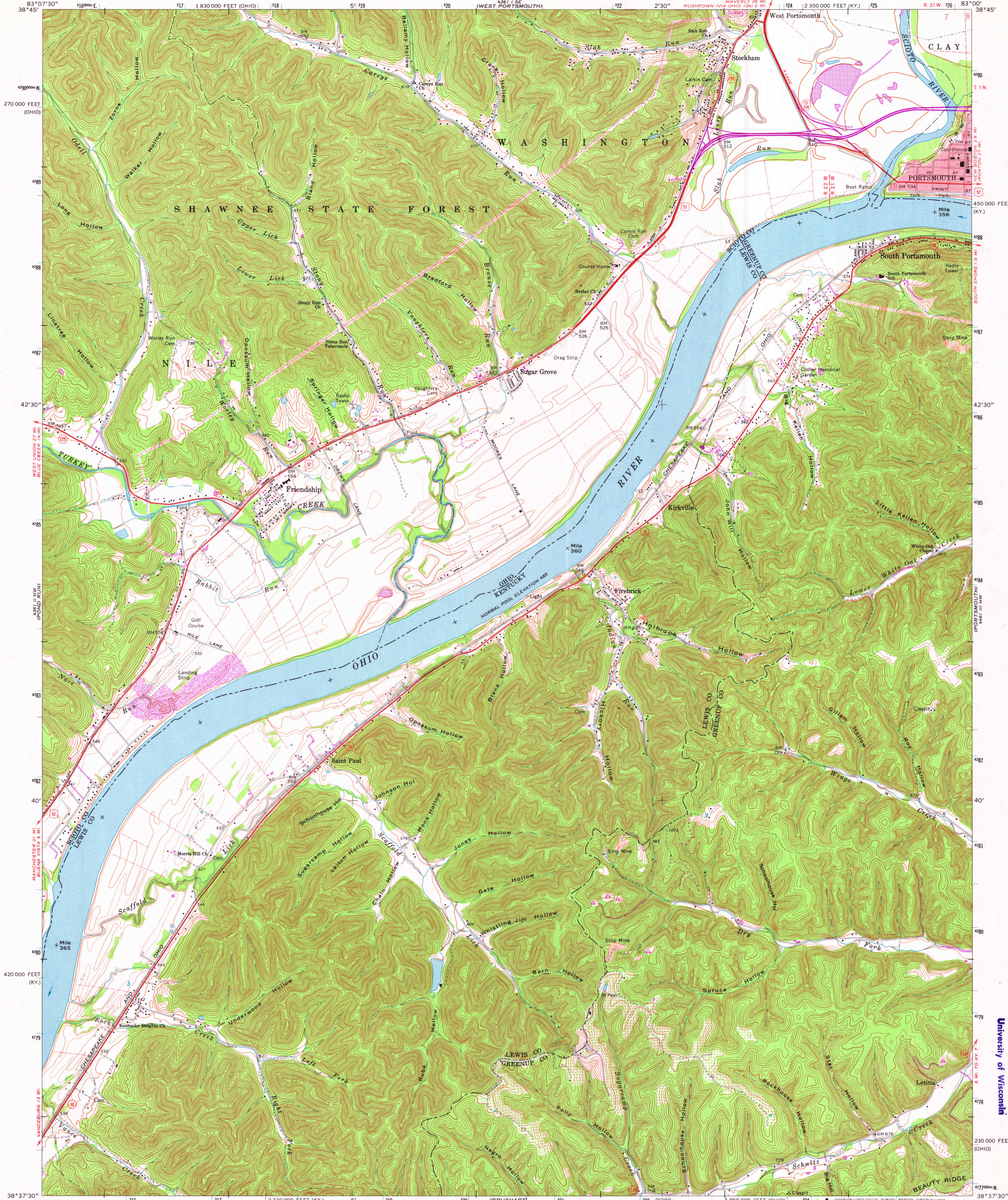


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

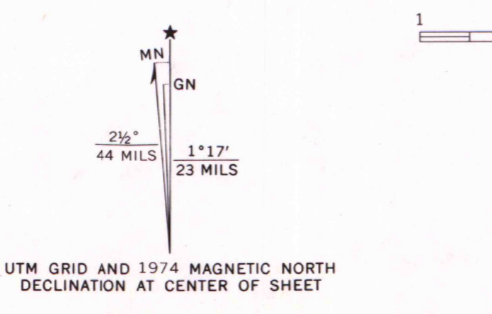
FRIENDSHIP QUADRANGLE  
KENTUCKY—OHIO  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NE/4 GARRISON 15' QUADRANGLE



83°07'30" 38°45' 270 000 FEET (OHIO) 498 488 487 42'30" 485 483 482 40' 480 479 420 000 FEET (KY.) 478 477 476 475 38°37'30" 83°07'30" 2 330 000 FEET (KY.) 5' 19 20 (BRUSHART) 4361 11 SE 321 2'30" 1 850 000 FEET (OHIO) 324 2 350 000 FEET (KY.) 25 R. 21 W. 726 83°00' 38°45'

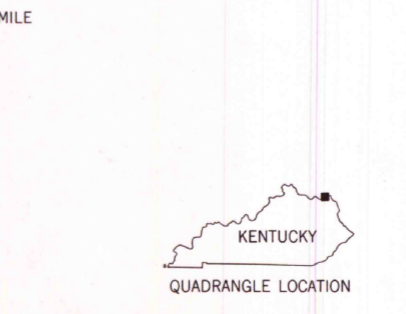
WEST PORTSMOUTH STOCKHAM SOUTH PORTSMOUTH FRIENDSHIP KIRKVILLE FIREBRICK HOLBROOK SAINT PAUL SUGAR GROVE

Mapped, edited, and published by the Geological Survey in cooperation with State of Kentucky agencies in cooperation with State of Ohio agencies. Revised in cooperation with State of Ohio agencies. Control by USGS, USC&GS, and USCE. Topography by photogrammetric methods from aerial photographs taken 1947. Field checked 1949. Revised from aerial photographs taken 1967. Field checked 1968. Polyconic projection, 1927 North American datum. 10,000-foot grids based on Kentucky coordinate system, north zone, and Ohio coordinate system, south zone. 1000-metre Universal Transverse Mercator grid ticks, zone 17, shown in blue. Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is uncheckered. 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 1913, and supplementary information. Red tint indicates area in which only landmark buildings are shown. Area west of the Scioto River lies within the Virginia Military District. Area east of the Scioto River lies within Congress Lands East of the Scioto River. Land lines based on the Ohio River Base.



SCALE 1:24 000  
1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 0 1 2 3 4 5 6 7 8 9 10 KILOMETRE  
CONTOUR INTERVAL 20 FEET  
DOTTED LINES REPRESENT 10-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092. KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506. AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601. A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST.



ROAD CLASSIFICATION  
Primary highway, all weather, hard surface  
Light-duty road, all weather, improved surface  
Unimproved road, fair or dry weather  
U. S. Route  
State Route

FRIENDSHIP, KY.—OHIO  
NE/4 GARRISON 15' QUADRANGLE  
N3837.5—W8300/7.5  
1968  
PHOTOREVISED 1974  
AMS 4361 11 NE—SERIES V853

Revisions shown in purple compiled in cooperation with State of Ohio agencies from aerial photographs taken 1974. This information not field checked.

MAP AND AIR PHOTO  
APR 24 1976  
University of Wisconsin