



Produced by the United States Geological Survey
in cooperation with U.S. Corps of Engineers

Illinois and Missouri areas compiled by photogrammetric methods
from imagery dated 1965. Topography partly by planetable surveys
1967. Planimetry of Kentucky area by photogrammetric methods from
imagery dated 1952. Topography by planetable surveys 1954
Revised from imagery dated 1965. Field checked 1967. Revised
from imagery dated 1993. PLUS and survey control current as
of 1967. Map edited 1996. Contours not revised. Contours that
conflict with revised planimetry are dashed

North American Datum of 1983 (NAD 83). Projection and
blue 1000-meter ticks: Universal Transverse Mercator, zone 16
10 000-foot ticks: Illinois (west zone)
Kentucky (south zone) and Missouri (east zone)
Coordinate Systems of 1983

North American Datum of 1927 (NAD 27) is shown by dashed
corner ticks. The values of the shift between NAD 83 and NAD 27
for 7.5-minute intersections are obtainable from National Geodetic
Survey NADCON software

UTM GRID AND 1996 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

1° 19' 00"
23 MILS

SCALE 1:24 000

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CONTOUR INTERVAL 5 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 22092
ILLINOIS GEOLOGICAL SURVEY, CHAMPAIGN, ILLINOIS 61802
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506
AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601
AND DIVISION OF GEOLOGY AND LAND SURVEY
MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

1 2 3 4 5 6 7 8

1 Tanna
2 Palau
3 Olaton
4 Cache
5 Barlow
6 Charleston
7 Wynn
8 Wickliffe

ADJOINING 7.5' QUADRANGLE NAMES

ROAD CLASSIFICATION

Primary highway
hard surface
Secondary highway
hard surface
Interstate Route
U.S. Route
State Route

Light-duty road, hard or
improved surface
Unimproved road

CAIRO, IL-KY-MO
37089-A2-TF-024
1993
DMA 3158 II SW-SERIES V863

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