



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MISSOURI
GEOLOGICAL SURVEY AND WATER RESOURCES
EDWARD L. CLARK, STATE GEOLOGIST

DURHAM QUADRANGLE
MISSOURI
7.5 MINUTE SERIES (TOPOGRAPHIC)

180000 FEET

151000 FEET

148000 FEET

150000 FEET

91°45'

91°37'30"

40°00'

44°27'00"N

44°26'

44°25'

44°24'

44°23'

44°22'

44°21'

44°20'

44°19'

44°18'

44°17'

44°16'

44°15'

39°52'30"

3.5 MI. TO MISSOURI 100

PHILADELPHIA 7657 3W

170000E

Maped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods

Aerial photographs taken 1947. Field checked 1949

Polyconic projection. 1927 North American datum

10,000-foot grid based on Missouri coordinate system, east zone

1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

Revisions shown in purple compiled from aerial photographs taken 1975. This information not field checked

UTM GRID AND 1975 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

0°51' 15 MILS

41° 80 MILS

SCALE 1:24,000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

CONTOUR INTERVAL 20 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

MISSOURI

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, all weather, hard surface

Light-duty road, all weather, improved surface

Secondary highway, all weather, hard surface

Unimproved road, fair or dry weather

State Route

USGS
Historical File
Topographic Division

1949
PHOTOREVISED 1975
AMS 7663 1 NW—SERIES V879

DURHAM, MO.
N3952.5—W9137.5/7.5

MAR 15 1978

3450