

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

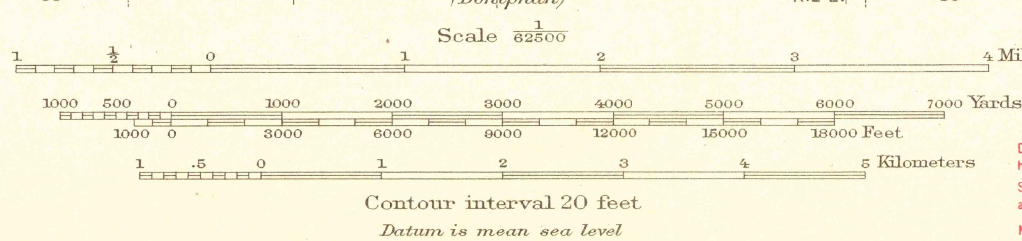
CENTERVILLE 39 MI.
ELLINGTON 21 MI.
BIRCH TREE 41 MI.
VAN BUREN 10.6 MI.
STATE OF MISSOURI
GEOLOGICAL SURVEY AND WATER RESOURCES
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(Burlington)

MISSOURI
GRANDIN QUADRANGLE
15-MINUTE SERIES
R.3 E. 90° 37' 00"



Mapped by the Geological Survey
1932 and 1943-1944
Current River Valley mapped in part
by the Corps of Engineers, U.S. Army

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1944



DONIPHAN 9 MI.
MAYNARD 26 MI.

ROAD CLASSIFICATION
1946
Dependable hard-surface
heavy-duty road
Secondary hard-surface
all-weather road
Dry weather roads
Loose-surface graded
Unsurfaced, graded
Dirt road
U.S. Route (15)
State Route (80)
More than two lanes indicated along road with tick at point of change
2 LANE, 4 LANE

Polyconic projection, 1927 North American datum
5000 yard grid based on U.S. zone system, C
10000 foot grid based on Missouri (East)
rectangular coordinate system

GRANDIN, MO.
Edition of 1946
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