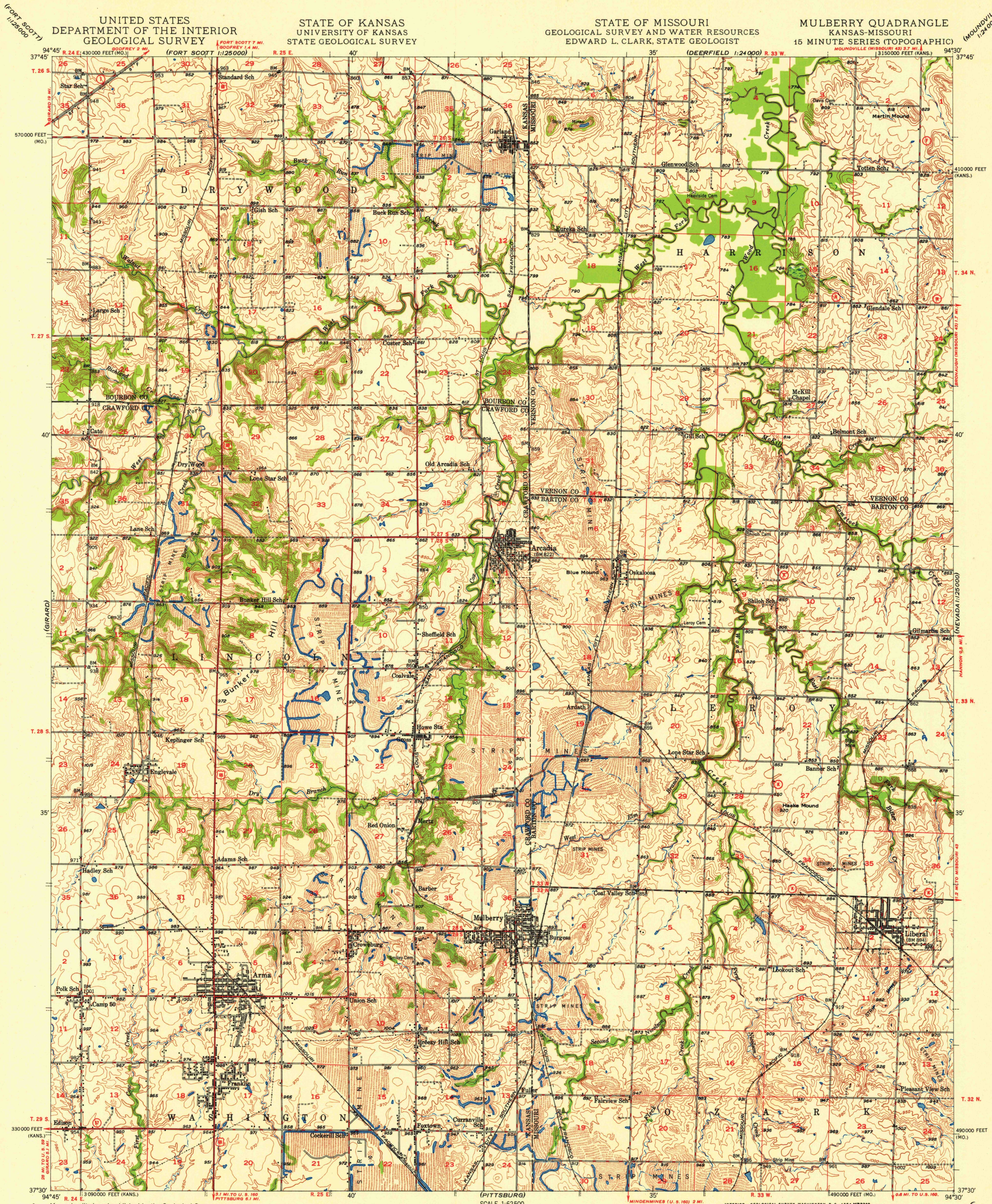
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF KANSAS
UNIVERSITY OF KANSAS
STATE GEOLOGICAL SURVEY

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

# MULBERRY QUADRANGLE
KANSAS-MISSOURI
15 MINUTE SERIES (TOPOGRAPHIC)



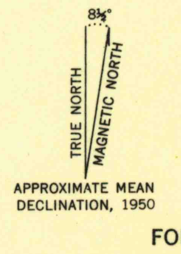
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part compiled from
aerial photographs taken 1938–1939
Topography by plane-table methods 1946–1947–1948

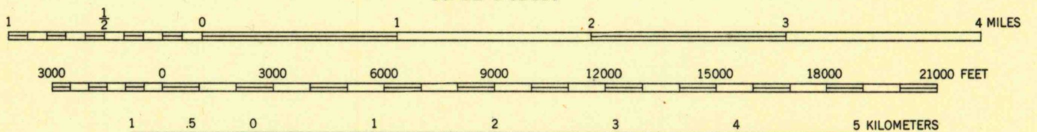
Polyconic projection. 1927 North American datum
10,000-foot grids based on Kansas coordinate system,
south zone and Missouri coordinate system, west zone

(COLUMBUS)



APPROXIMATE MEAN
DECLINATION, 1950

SCALE 1:62500



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1954 MR3368

ROAD CLASSIFICATION

HARD-SURFACE ALL-WEATHER ROADS
Heavy-duty — 4 LANE | 6 LANE
Medium-duty — 4 LANE | 6 LANE

DRY WEATHER ROADS
Improved dirt
Unimproved dirt

Loose-surface, graded, or narrow hard-surface

U. S. Route
State Route

(CARTHAGE)
1:125000

The east half of this area is also covered by 1:24 000 scale maps
of Garland and Liberal 7.5 minute quadrangles, surveyed in 1948

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.
BY THE STATE GEOLOGICAL SURVEY, LAWRENCE, KANSAS
AND BY THE MISSOURI GEOLOGICAL SURVEY, ROLLA, MISSOURI
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MULBERRY, KANS.-MO.
N3730—W9430/15
1948