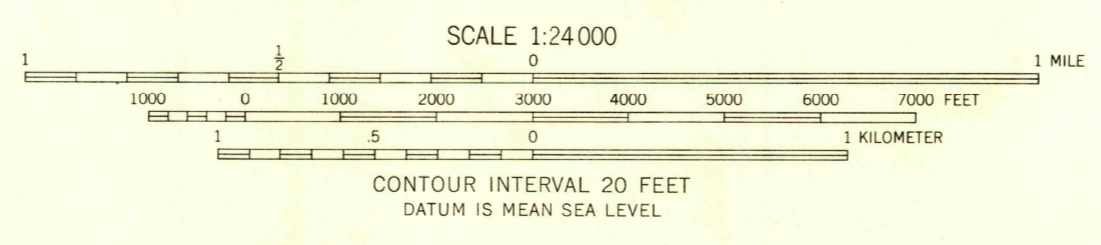
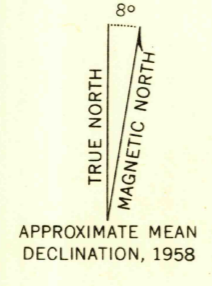


Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1955. Field check 1958
Polyconic projection. 1927 North American datum
10,000-foot grids based on Arkansas coordinate system, north zone,
and Oklahoma coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue
Unchecked elevations are shown in brown



USGS
Historical File
Topographic Division



ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
State Route	

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION
BATES, ARK.—OKLA.
NW/4 BATES 15' QUADRANGLE
N 3452.5—W 9422.5/7.5
1958

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
AND BY THE ARKANSAS GEOLOGICAL AND CONSERVATION COMMISSION, LITTLE ROCK, ARKANSAS
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

AUG 17 1959